



Prepared for

Georgia Power Company
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2024 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT

PLANT HAMMOND HUFFAKER ROAD LANDFILL

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CERTIFICATION STATEMENT

This *2024 Annual 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.



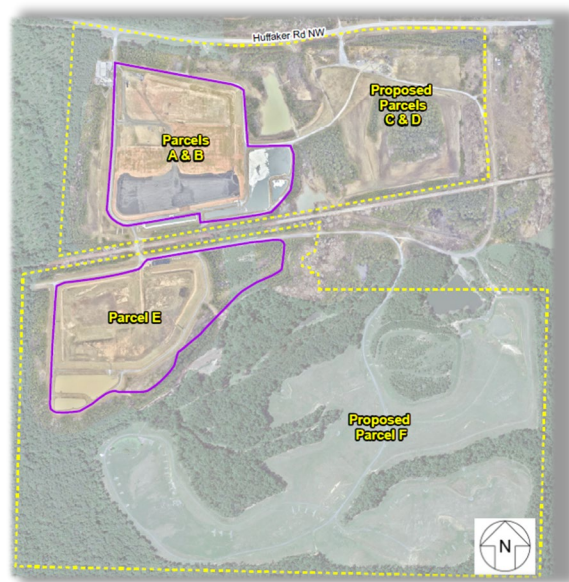
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SUMMARY

This summary of the *2024 Annual Groundwater Monitoring and Corrective Action Report* provides the status of groundwater monitoring and corrective action program for the reporting period of January through December 2024 (referred to herein as the “annual 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

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

accordance with the permit-issued Design and Operations (D&O) Plan began in 2007, 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 annual reporting period, Geosyntec conducted two groundwater sampling events in February and August 2024. Groundwater samples were submitted to Pace Analytical Services, LLC, for analysis. Per the federal CCR Rule, groundwater results for the February and August 2024 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 annual 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
<i>n_e</i>	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 *2024 Annual 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 December 2024 (referred to herein as the "annual 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. 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 is documented in the Site Acceptability Report submitted to GA EPD in July 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(8); 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 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 annual

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 annual 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 February and August 2024, 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 events occurred in February and August 2024 (**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 annual 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 annual 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 February and August 2024 detection monitoring events and used to calculate the corresponding groundwater elevations, which are presented in **Table 3**. The February and August 2024 reported elevations are generally consistent with groundwater elevations reported for prior monitoring events.

The groundwater elevation data were used to prepare potentiometric surface maps for the February and August 2024 events, which are presented on **Figure 3** and **Figure 4**, respectively. 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 February and August 2024 events, 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** and **Figure 4**, respectively

As presented in **Table 4**, the hydraulic gradient underneath Parcels A and B applying the data from February and August 2024, was calculated to be 0.021 feet per foot (ft/ft), whereas the hydraulic gradient underneath Parcel E was calculated to be 0.016 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 average groundwater flow velocity underneath Parcels A and B was calculated to be 0.026 ft/day. Similarly, the average groundwater 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 using 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 new 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 (AquaTROLL 400) 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 portable turbidity meter (i.e., LaMotte 2020we or similar). Groundwater samples were collected once the following stabilization criteria were met:

- pH \pm 0.1 standard units (SU).
- 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 using appropriately preserved laboratory-supplied sample containers. Sample containers were immediately 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 annual 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 February and August 2024 detection monitoring events 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 to 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 validated data meet project objectives and the associated data validation reports are provided in **Appendix B**, along with the laboratory reports.

4.0 STATISTICAL ANALYSES

The following section summarizes the statistical approach applied to assess the groundwater data for the annual 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 February and August 2024 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 February and August 2024 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 February and August 2024 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).

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 February 2024 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 February and August 2024 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 annual reporting period.

4.2.1 February 2024 Semiannual Event

No confirmed SSI was observed for either Appendix III or Appendix I D&O constituents during the February 2024 sampling event.

4.2.2 August 2024 Semiannual Event

No confirmed SSI was observed for the Appendix I D&O constituents during the August 2024 sampling event.

Due to an initial exceedance for chloride reported for GWC-21 during the August 2024 event, this well was resampled on December 3, 2024; the resample result is more consistent with historical values and the potential SSI was not verified. No confirmed SSI was observed for the Appendix III constituents during the August 2024 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 *2024 Annual 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 both the February 2024 and August 2024 groundwater monitoring event. 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 February 2025.

7.0 REFERENCES

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TABLES

Table 1
Monitoring Well Network Summary
Georgia Power Company
Plant Hammond - Huffaker Road Landfill
Floyd County, GA

Well ID	Well Designation	Hydraulic Location	Northing ⁽¹⁾	Easting ⁽¹⁾	Ground Surface Elevation ⁽¹⁾ (feet)	Top of Casing Elevation ⁽¹⁾ (feet)	Top of Screen Elevation ⁽¹⁾ (feet)	Bottom of Screen Elevation ⁽¹⁾ (feet)	Total Well Depth from (Feet Below Top of Casing) ⁽²⁾	Groundwater Zone Screened	Installation Date
GWA-1	Detection	Upgradient	1565643.81	1952067.94	698.65	701.96	672.96	662.96	39.3	PWR/Bedrock	09/11/2001
GWA-2	Detection	Upgradient	1565590.06	1952640.89	679.04	681.59	666.08	656.08	25.81	PWR	02/05/2007
GWA-3	Detection	Upgradient	1565520.24	1953199.93	656.35	659.24	648.45	638.45	21.09	PWR	02/06/2007
GWA-4	Detection	Upgradient	1565519.87	1953687.10	653.98	656.93	645.84	635.84	21.39	PWR	02/06/2007
GWC-5	Detection	Downgradient	1565159.15	1953566.67	646.44	649.42	638.31	628.31	21.41	PWR	02/07/2007
GWC-6	Detection	Downgradient	1564397.56	1953919.86	653.86	656.35	624.07	614.07	42.58	PWR	07/20/2006
GWC-7	Detection	Downgradient	1564079.14	1953595.85	654.28	657.20	635.59	625.59	31.91	PWR	07/19/2006
GWC-8	Detection	Downgradient	1564000.62	1953095.72	653.96	656.64	639.81	629.81	27.13	PWR/Bedrock	07/18/2006
GWC-9	Detection	Downgradient	1563876.81	1952392.97	657.15	659.46	617.85	607.85	51.91	PWR	07/18/2006
GWC-10	Detection	Downgradient	1564308.39	1951975.66	664.08	667.58	643.90	633.90	33.98	PWR/Bedrock	07/20/2006
GWA-11	Detection	Upgradient	1564946.55	1952008.03	679.57	682.36	656.76	646.76	35.9	Overburden/PWR	07/21/2006
GWC-18	Detection	Downgradient	1563320.44	1953391.49	638.45	641.31	594.59	584.59	57.02	PWR/Bedrock	07/12/2006
GWC-19	Detection	Downgradient	1562843.12	1952979.72	640.37	642.89	595.91	585.91	57.51	PWR	07/11/2006
GWC-20	Detection	Downgradient	1562472.78	1952332.31	623.09	625.76	601.88	591.88	34.18	PWR	07/17/2006
GWC-21	Detection	Downgradient	1562099.56	1951612.93	614.26	618.33	610.65	600.65	18.23	PWR/Bedrock	07/12/2006
GWC-22	Detection	Downgradient	1562778.89	1951618.67	621.82	625.00	593.39	583.39	41.91	PWR	07/13/2006
GWC-23	Detection	Downgradient	1563558.66	1951604.97	652.12	654.84	615.41	605.41	49.73	PWR	07/19/2006

Notes:

PWR = Partially Weathered Rock.

(1) Coordinates shown are in North American Datum (NAD) 1983, State Plane, Georgia-West, feet. Elevations shown are referenced to datum NAVD88, which indicates feet (ft) in elevation referenced to the North American Vertical Datum 1988.

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

Table 2
Groundwater Sampling Event Summary
Georgia Power Company
Plant Hammond - Huffaker Road Landfill
Floyd County, GA

Well ID	Hydraulic Location	Well Designation	February 19 2024 - February 21 2024	August 10 2024 - August 12 2024	December 3 2024
			Detection Event	Detection Event	Verification Event
Georgia Power Company - Plant Hammond Huffaker Road Landfill					
GWA-1	Upgradient	Detection	X	X	
GWA-2	Upgradient	Detection	X	X	
GWA-3	Upgradient	Detection	X	X	
GWA-4	Upgradient	Detection	X	X	
GWC-5	Downgradient	Detection	X	X	
GWC-6	Downgradient	Detection	X	X	
GWC-7	Downgradient	Detection	X	X	
GWC-8	Downgradient	Detection	X	X	
GWC-9	Downgradient	Detection	X	X	
GWC-10	Downgradient	Detection	X	X	
GWA-11	Upgradient	Detection	X	X	
GWC-18	Downgradient	Detection	X	X	
GWC-19	Downgradient	Detection	X	X	
GWC-20	Downgradient	Detection	X	X	
GWC-21	Downgradient	Detection	X	X	X
GWC-22	Downgradient	Detection	X	X	
GWC-23	Downgradient	Detection	X	X	

Notes:

X - Indicates well sampled during event

Detection Event includes Appendix I/III analytes.

Table 3
Summary of Groundwater Elevations
Georgia Power Company
Plant Hammond - Huffaker Road Landfill
Floyd County, GA

		February 2024		August 2024	
Well ID	Top of Casing Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)
GWA-1	701.96	11.05	690.91	16.35	685.61
GWA-2	681.59	4.79	676.80	6.84	674.75
GWA-3	659.24	2.97	656.27	5.37	653.87
GWA-4	656.93	8.43	648.50	11.25	645.68
GWC-5	649.42	3.80	645.62	5.44	643.98
GWC-6	656.35	15.78	640.57	17.45	638.90
GWC-7	657.20	15.27	641.93	17.43	639.77
GWC-8	656.64	12.26	644.38	13.97	642.67
GWC-9	659.46	13.61	645.85	16.83	642.63
GWC-10	667.58	15.02	652.56	17.96	649.62
GWA-11	682.36	15.86	666.50	18.50	663.86
GWC-18	641.31	12.80	628.51	14.47	626.84
GWC-19	642.89	19.08	623.81	21.86	621.03
GWC-20	625.76	3.46	622.30	6.08	619.68
GWC-21	618.33	3.97	614.36	7.74	610.59
GWC-22	625.00	2.10	622.90	4.32	620.68
GWC-23	654.84	9.94	644.90	15.66	639.18

Notes:

Elevations shown are referenced to datum NAVD88, which indicates feet (ft) in elevation referenced to the North American Vertical Datum 1988.

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

Gauging Event	Well Pair	Groundwater Elevations in Well Pairs (ft)		Change in Elevation (ft)	Distance Between Well 1 and Well 2 (L) (ft)	Hydraulic Gradient (ft/ft)	Average Hydraulic Conductivity (K _h) (ft/day)	Estimated Effective Porosity (n _e)	Calculated Groundwater Flow Velocity (V) (ft/day)	Calculated Groundwater Flow Velocity (V) (ft/year)	Average Hydraulic Gradient (i) (ft/ft)	Average Groundwater Flow Velocity (V) (ft/day)	Average Groundwater Flow Velocity (V) for 2024 (ft/day)
February 2024	GWA-1 to GWC-7	690.91	641.93	48.98	2300	0.021	0.248	0.20	0.026	9.6	0.021	0.026	0.023
August 2024	GWA-1 to GWC-7	685.61	639.77	45.84	2210	0.021	0.248	0.20	0.026	9.4			
February 2024	GWC-9 to GWC-20	645.85	622.30	23.55	1450	0.016	0.248	0.20	0.020	7.4	0.016	0.020	
August 2024	GWC-9 to GWC-20	642.63	619.68	22.95	1430	0.0160	0.248	0.20	0.020	7.3			

Notes:

ft = feet

ft/day = feet per day

ft/ft = feet per foot

ft/year = feet per year

K_h = Average horizontal hydraulic conductivity

Average horizontal hydraulic conductivity (K_h) of 2.248 feet per day (ft/day) was computed from slug test data derived from five locations across the site.

n_e = effective porosity

V = groundwater flow velocity

Groundwater flow velocity equation: $V = (K \cdot i) / n_e$

i = h₁-h₂/L = horizontal hydraulic gradient (h₁ and h₂ = groundwater elevation at location 1 and 2)

L = distance between location 1 and 2 along the flow path. See Figure 3 and Figure 4 for illustrated flow paths.

Elevations shown are referenced to datum NAVD88, which indicates feet (ft) in elevation referenced to the North American Vertical Datum 1988.

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

Sample Location		GWA-1	GWA-1	GWA-2	GWA-2	GWA-3	GWA-3	GWA-4	GWA-4	GWC-5	GWC-5	GWC-6	GWC-6
Sample Date		02/19/2024	08/11/2024	02/19/2024	08/10/2024	02/19/2024	08/11/2024	02/19/2024	08/11/2024	02/20/2024	08/12/2024	02/21/2024	08/12/2024
ANALYTE	UNITS												
APPENDIX III													
Boron	mg/L	0.030 J	< 0.012	0.083	0.072	0.082	0.13	0.059	0.074	0.031 J	0.090	0.040	0.053
Calcium	mg/L	17.9	19.3	54.0	59.2	59.0	69.4	81.3	83.0	78.7	80.8	66.7	70.8
Chloride	mg/L	1.2	1.1	2.3	2.6	1.2	1.5	3.6	3.6	2.2	2.3	1.7	1.8
Fluoride	mg/L	0.074 J	0.12	0.079 J	0.071 J	0.081 J	0.15	0.10	0.14	< 0.050	0.088 J	0.051 J	0.095 J
pH _f Field	SU	7.11	7.27	6.84	6.76	6.74	6.83	6.95	6.77	7.1	7.11	7.3	7.36
Sulfate	mg/L	5.1	3.9	23.7	33.1	103	87.2	138	116	98.1	77.2	91.9	87.7
TDS	mg/L	107	162	370	287	380	419	433	456	407	401	275	376
D&O Plan⁽¹⁾													
Antimony	mg/L	< 0.00054	< 0.00054	< 0.00054	< 0.00054	< 0.00054	< 0.00054	< 0.00054	< 0.00054	< 0.00054	< 0.00054	< 0.00054	< 0.00054
Arsenic	mg/L	< 0.00084	< 0.00084	< 0.00084	< 0.00084	0.00093 J	< 0.00084	0.0018 J	< 0.00084	< 0.00084	< 0.00084	< 0.00084	< 0.00084
Barium	mg/L	0.040	0.038	0.19	0.18	0.083	0.084	0.051	0.040	0.070	0.073	0.15	0.14
Beryllium	mg/L	< 0.000094	< 0.000094	< 0.000094	< 0.000094	< 0.000094	< 0.000094	< 0.000094	< 0.000094	< 0.000094	< 0.000094	< 0.000094	< 0.000094
Cadmium	mg/L	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010
Chromium	mg/L	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0019
Cobalt	mg/L	0.00050 J	0.00043 J	< 0.00032	< 0.00032	0.00049 J	0.00035 J	< 0.00032	< 0.00032	0.00035 J	0.00072 J	< 0.00032	< 0.00032
Copper	mg/L	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043
Lead	mg/L	< 0.00016	< 0.00016	< 0.00016	< 0.00016	< 0.00016	< 0.00016	< 0.00016	< 0.00016	< 0.00016	< 0.00016	< 0.00016	< 0.00016
Nickel	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Selenium	mg/L	< 0.00096	< 0.00096	< 0.00096	< 0.00096	< 0.00096	< 0.00096	< 0.00096	< 0.00096	< 0.00096	< 0.00096	< 0.00096	< 0.00096
Silver	mg/L	< 0.00031	< 0.00031	< 0.00031	< 0.00031	< 0.00031	< 0.00031	< 0.00031	< 0.00031	< 0.00031	< 0.00031	< 0.00031	< 0.00031
Thallium	mg/L	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038
Vanadium	mg/L	< 0.00075	< 0.00075	< 0.00075	< 0.00075	< 0.00075	< 0.00075	0.0012 J	< 0.00075	< 0.00075	< 0.00075	< 0.00075	< 0.00075
Zinc	mg/L	< 0.0024	< 0.0024	< 0.0024	< 0.0024	0.0025 J	0.0026 J	< 0.0024	< 0.0024	< 0.0024	< 0.0024	< 0.0024	< 0.0024
Additional Parameters													
Bicarbonate Alkalinity as CaCO ₃	mg/L	75.0	NA	222	NA	199	NA	219	NA	235	NA	169	NA
Carbonate Alkalinity as CaCO ₃	mg/L	< 5.0	NA	< 5.0	NA	< 5.0	NA	< 5.0	NA	< 5.0	NA	< 5.0	NA
Total Alkalinity as CaCO ₃	mg/L	75.0	NA	222	NA	199	NA	219	NA	235	NA	169	NA
Iron	mg/L	1.8	NA	1.9	NA	0.82	NA	0.036 J	NA	1.0	NA	2.4	NA
Magnesium	mg/L	6.7	NA	20.3	NA	28.4	NA	33.9	NA	23.8	NA	16.4	NA
Manganese	mg/L	0.18	NA	0.19	NA	0.42	NA	0.085	NA	0.21	NA	0.071	NA
Potassium	mg/L	0.40 J	NA	0.63	NA	0.63	NA	1.7	NA	0.77	NA	0.50	NA
Sodium	mg/L	4.8	NA	13.1	NA	18.9	NA	12.6	NA	13.6	NA	12.4	NA
Sulfide	mg/L	< 0.022	NA	< 0.022	NA	< 0.022	NA	< 0.022	NA	< 0.022	NA	< 0.022	NA

Notes:
mg/L - milligrams per liter
pCi/L - picocuries per liter
SU - Standard Units
NA - Indicates not analyzed
TDS - Total Dissolved Solids
< indicates the substance was not detected above the method detection limit (MDL). The value displayed is the MDL.
J - The result is an estimated concentration. "J" qualifiers are applied by the laboratory when the concentration reported is above the method detection limit, but below the laboratory reporting limit.
(1) D&O Plan - Indicates the state -modified Appendix I list of detection constituents according to the Georgia EPD approved Huffaker Landfill Design and Operation (D&O) Plan.

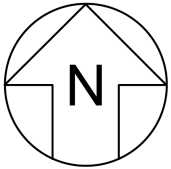
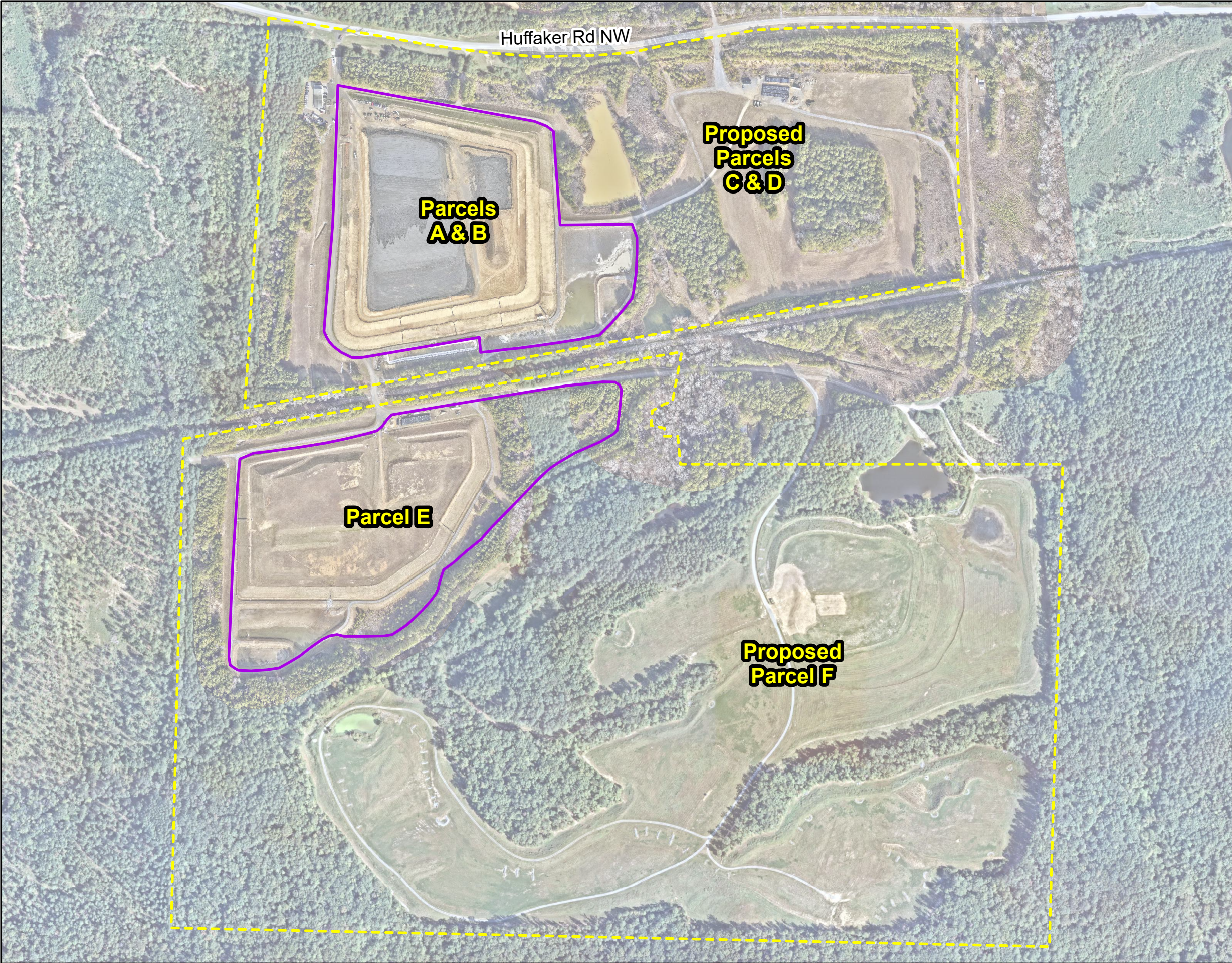
Table 5
Summary of Groundwater Analytical Data
Georgia Power Company
Plant Hammond - Huffaker Road Landfill
Floyd County, GA

Sample Location		GWC-7	GWC-7	GWC-8	GWC-8	GWC-9	GWC-9	GWC-10	GWC-10	GWA-11	GWA-11	GWC-18	GWC-18
Sample Date		02/21/2024	08/11/2024	02/21/2024	08/11/2024	02/20/2024	08/11/2024	02/19/2024	08/11/2024	02/19/2024	08/11/2024	02/20/2024	08/12/2024
ANALYTE	UNITS												
APPENDIX III													
Boron	mg/L	0.027 J	0.035 J	0.032 J	0.035 J	< 0.012	0.017 J	0.028 J	0.032 J	0.028 J	0.045	0.12	0.14
Calcium	mg/L	16.5	19.7	77.4	77.3	38.9	40.1	44.8	39.8	21.4	20.8	42.4	43.3
Chloride	mg/L	1.9	2.0	2.0	1.7	0.89 J	0.75 J	1.2	0.95 J	1.2	1.3	1.0	1.1
Fluoride	mg/L	0.14	0.18	0.11	0.11	0.069 J	0.071 J	0.074 J	0.067 J	< 0.050	0.10	0.11	0.15
pH _i Field	SU	5.74	5.93	7.48	7.42	7.1	7.05	7.48	7.48	6.94	7.01	7.64	7.75
Sulfate	mg/L	122	123	48.3	47.1	78.2	80.4	10.8	8.5	9.9	9.3	9.1	8.1
TDS	mg/L	310	293	< 25.0	327	301	256	198	170	193	145	250	242
D&O Plan⁽¹⁾													
Antimony	mg/L	< 0.00054	0.0019 J	< 0.00054	< 0.00054	< 0.00054	< 0.00054	< 0.00054	< 0.00054	< 0.00054	< 0.00054	< 0.00054	< 0.00054
Arsenic	mg/L	0.0043 J	0.0085	< 0.00084	< 0.00084	< 0.00084	< 0.00084	< 0.00084	< 0.00084	< 0.00084	0.0010 J	< 0.00084	< 0.00084
Barium	mg/L	0.035	0.045	0.11	0.12	0.073	0.068	0.14	0.11	0.031	0.031	0.083	0.076
Beryllium	mg/L	0.00036 J	0.00013 J	< 0.000094	< 0.000094	< 0.000094	< 0.000094	< 0.000094	< 0.000094	< 0.000094	< 0.000094	< 0.000094	< 0.000094
Cadmium	mg/L	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010
Chromium	mg/L	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0019
Cobalt	mg/L	0.030	0.016	0.00053 J	0.00054 J	0.00033 J	0.00033 J	< 0.00032	< 0.00032	0.00063 J	0.00056 J	< 0.00032	< 0.00032
Copper	mg/L	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043
Lead	mg/L	< 0.00016	< 0.00016	< 0.00016	< 0.00016	< 0.00016	< 0.00016	< 0.00016	< 0.00016	< 0.00016	< 0.00016	< 0.00016	< 0.00016
Nickel	mg/L	0.13	0.095	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	0.0022 J	< 0.0021	< 0.0021	< 0.0021
Selenium	mg/L	< 0.00096	< 0.00096	< 0.00096	< 0.00096	< 0.00096	< 0.00096	< 0.00096	< 0.00096	< 0.00096	< 0.00096	< 0.00096	< 0.00096
Silver	mg/L	< 0.00031	< 0.00031	< 0.00031	< 0.00031	< 0.00031	< 0.00031	< 0.00031	< 0.00031	< 0.00031	< 0.00031	< 0.00031	< 0.00031
Thallium	mg/L	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038
Vanadium	mg/L	< 0.00075	< 0.00075	< 0.00075	< 0.00075	< 0.00075	< 0.00075	< 0.00075	< 0.00075	< 0.00075	< 0.00075	< 0.00075	< 0.00075
Zinc	mg/L	0.27	0.16	< 0.0024	< 0.0024	< 0.0024	< 0.0024	< 0.0024	< 0.0024	< 0.0024	< 0.0024	< 0.0024	< 0.0024
Additional Parameters													
Bicarbonate Alkalinity as CaCO ₃	mg/L	9.2	NA	223	NA	91.1	NA	166	NA	84.6	NA	179	NA
Carbonate Alkalinity as CaCO ₃	mg/L	< 5.0	NA	< 5.0	NA	< 5.0	NA	< 5.0	NA	< 5.0	NA	< 5.0	NA
Total Alkalinity as CaCO ₃	mg/L	9.2	NA	223	NA	91.1	NA	166	NA	84.6	NA	179	NA
Iron	mg/L	37.1	NA	0.81	NA	6.1	NA	1.0	NA	2.0	NA	< 0.025	NA
Magnesium	mg/L	12.6	NA	11.8	NA	13.2	NA	10	NA	6.4	NA	13.0	NA
Manganese	mg/L	1.2	NA	0.12	NA	0.16	NA	0.10	NA	0.10	NA	0.017 J	NA
Potassium	mg/L	2.2	NA	0.68	NA	0.40 J	NA	0.45 J	NA	0.36 J	NA	0.57	NA
Sodium	mg/L	6.1	NA	9.9	NA	6.9	NA	7.9	NA	8.1	NA	11.5	NA
Sulfide	mg/L	< 0.022	NA	< 0.022	NA	< 0.022	NA	< 0.022	NA	< 0.022	NA	< 0.022	NA

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

Sample Location		GWC-19	GWC-19	GWC-20	GWC-20	GWC-21	GWC-21	GWC-21	GWC-22	GWC-22	GWC-23	GWC-23
Sample Date		02/20/2024	08/12/2024	02/20/2024	08/11/2024	02/20/2024	08/11/2024	12/03/2024	02/20/2024	08/11/2024	02/20/2024	08/12/2024
ANALYTE	UNITS											
APPENDIX III												
Boron	mg/L	0.14	0.16	< 0.012	0.018 J	0.025 J	0.038 J	NA	0.066	0.067	0.048	0.028 J
Calcium	mg/L	47.5	48.1	67.1	67.3	22.5	40.9	NA	46.8	51.8	53.7	47.3
Chloride	mg/L	1.3	1.3	1.3	1.1	5.0	10.0	5.4	1.3	1.0	0.98 J	1.2
Fluoride	mg/L	0.10	0.14	0.051 J	0.054 J	< 0.050	< 0.050	NA	0.053 J	0.061 J	0.084 J	0.12
pH _i Field	SU	7.51	7.61	7.58	7.31	6.46	6.22	6.19	7.61	7.37	7.11	7.31
Sulfate	mg/L	24.3	24.0	71.0	74.0	23.8	28.4	NA	7.3	5.7	18.6	6.0
TDS	mg/L	306	236	369	312	126	181	NA	220	219	263	189
D&O Plan⁽¹⁾												
Antimony	mg/L	< 0.00054	< 0.00054	< 0.00054	< 0.00054	< 0.00054	< 0.00054	NA	0.00070 J	< 0.00054	< 0.00054	< 0.00054
Arsenic	mg/L	< 0.00084	< 0.00084	< 0.00084	< 0.00084	< 0.00084	< 0.00084	NA	< 0.00084	< 0.00084	< 0.00084	< 0.00084
Barium	mg/L	0.15	0.14	0.15	0.16	0.052	0.098	NA	0.091	0.10	0.096	0.075
Beryllium	mg/L	< 0.000094	< 0.000094	< 0.000094	< 0.000094	< 0.000094	< 0.000094	NA	< 0.000094	< 0.000094	< 0.000094	< 0.000094
Cadmium	mg/L	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	NA	< 0.00010	< 0.00010	< 0.00010	< 0.00010
Chromium	mg/L	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0019	NA	< 0.0019	< 0.0019	< 0.0019	< 0.0019
Cobalt	mg/L	< 0.00032	< 0.00032	< 0.00032	< 0.00032	0.0029 J	0.0022 J	NA	< 0.00032	< 0.00032	< 0.00032	< 0.00032
Copper	mg/L	< 0.00043	< 0.00043	< 0.00043	< 0.00043	0.00075 J	< 0.00043	NA	< 0.00043	< 0.00043	< 0.00043	< 0.00043
Lead	mg/L	< 0.00016	< 0.00016	< 0.00016	< 0.00016	< 0.00016	< 0.00016	NA	< 0.00016	< 0.00016	< 0.00016	< 0.00016
Nickel	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0021	0.0053	0.0050	NA	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Selenium	mg/L	< 0.00096	< 0.00096	< 0.00096	< 0.00096	< 0.00096	< 0.00096	NA	< 0.00096	< 0.00096	< 0.00096	< 0.00096
Silver	mg/L	< 0.00031	< 0.00031	< 0.00031	< 0.00031	< 0.00031	< 0.00031	NA	< 0.00031	< 0.00031	< 0.00031	< 0.00031
Thallium	mg/L	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	NA	< 0.00038	< 0.00038	< 0.00038	< 0.00038
Vanadium	mg/L	< 0.00075	< 0.00075	< 0.00075	< 0.00075	< 0.00075	< 0.00075	NA	< 0.00075	< 0.00075	< 0.00075	< 0.00075
Zinc	mg/L	< 0.0024	< 0.0024	< 0.0024	< 0.0024	0.0068 J	0.0048 J	NA	< 0.0024	< 0.0024	< 0.0024	< 0.0024
Additional Parameters												
Bicarbonate Alkalinity as CaCO ₃	mg/L	200	NA	163	NA	59.0	NA	NA	179	NA	181	NA
Carbonate Alkalinity as CaCO ₃	mg/L	< 5.0	NA	< 5.0	NA	< 5.0	NA	NA	< 5.0	NA	< 5.0	NA
Total Alkalinity as CaCO ₃	mg/L	200	NA	163	NA	59.0	NA	NA	179	NA	181	NA
Iron	mg/L	0.37	NA	1.6	NA	0.35	NA	NA	0.83	NA	0.55	NA
Magnesium	mg/L	11.5	NA	13.1	NA	4.2	NA	NA	10.0	NA	8.8	NA
Manganese	mg/L	0.060	NA	0.13	NA	0.18	NA	NA	0.075	NA	0.023 J	NA
Potassium	mg/L	0.36 J	NA	0.29 J	NA	0.52	NA	NA	0.32 J	NA	1.5	NA
Sodium	mg/L	22.1	NA	4.8	NA	4.7	NA	NA	9.9	NA	11.4	NA
Sulfide	mg/L	< 0.022	NA	< 0.022	NA	< 0.022	NA	NA	< 0.022	NA	< 0.022	NA

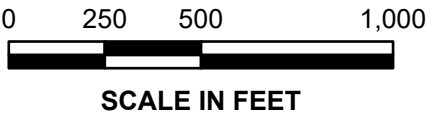
FIGURES



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



Note:
1. Aerial photograph source: Nearmap September 2024 and Georgia Power Company, January 2024.



SITE LOCATION MAP

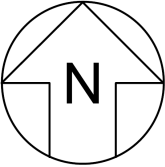
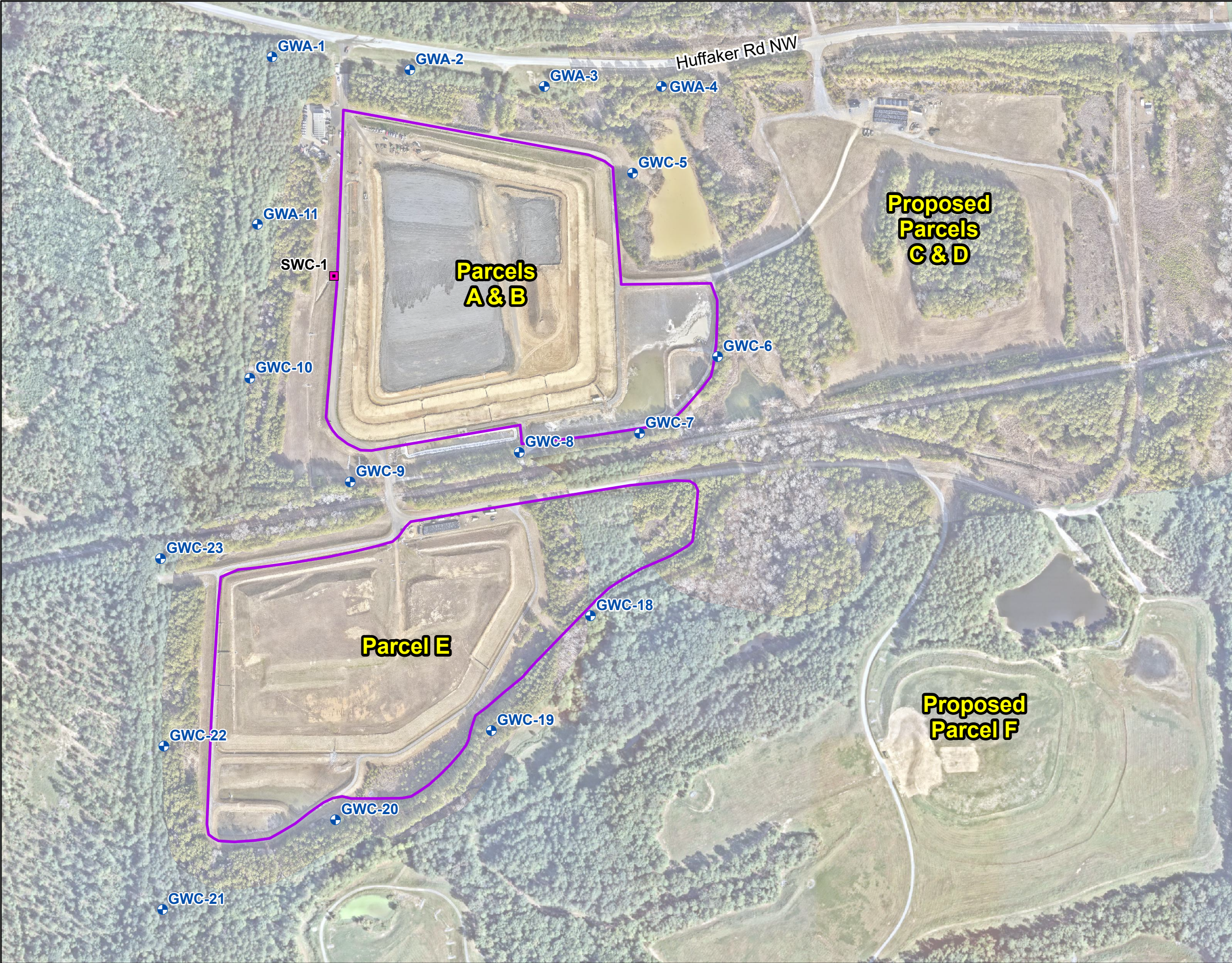
GEORGIA POWER COMPANY
PLANT HAMMOND HUFFAKER ROAD LANDFILL
FLOYD COUNTY, GEORGIA

Prepared For: Georgia Power

Prepared By: Geosyntec
consultants

KENNESAW, GA JANUARY 2025

FIGURE
1



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

Note:
1. Aerial photograph source: Nearmap September 2024 and Georgia Power Company, January 2024.



MONITORING WELL NETWORK MAP

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

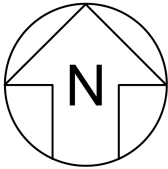
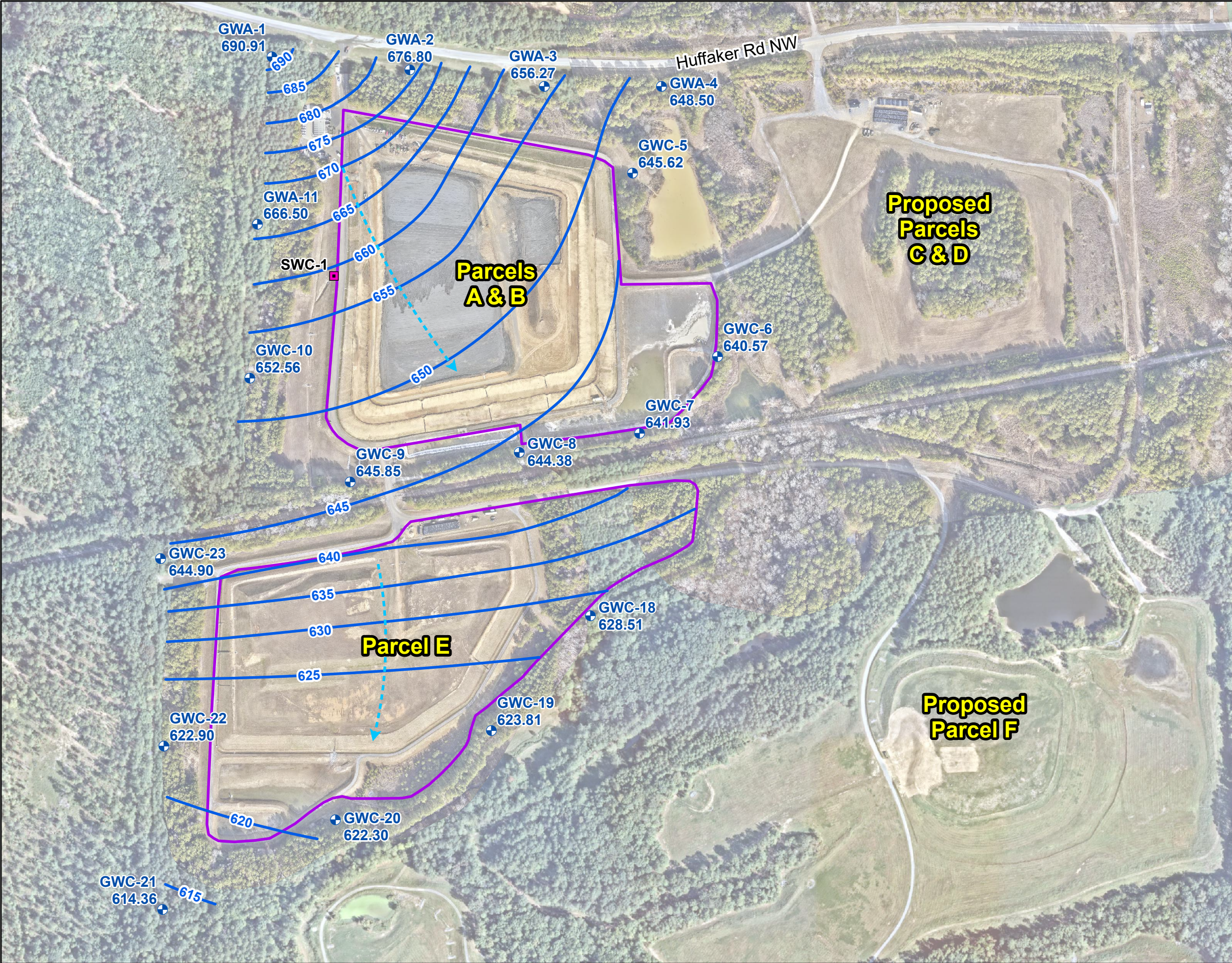
Prepared For:  Georgia Power

Prepared By:  Geosyntec
consultants

KENNESAW, GA

JANUARY 2025

FIGURE
2



- LEGEND**
- Detection Monitoring
 - Landfill Underdrain Sample Point
 - Groundwater Elevation Contour
 - Approximate Groundwater Flow Direction
 - Approximate Landfill Parcel Boundary



Note:
1. Water elevation recorded on February 12, 2024.
Elevation provided in feet (ft) referenced to the North American Vertical Datum (NAVD) 88.
2. Aerial photograph source: Nearmap September 2024 and Georgia Power Company, January 2024.



**POTENTIOMETRIC SURFACE CONTOUR
MAP - FEBRUARY 2024**

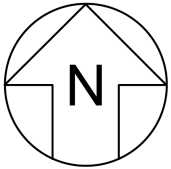
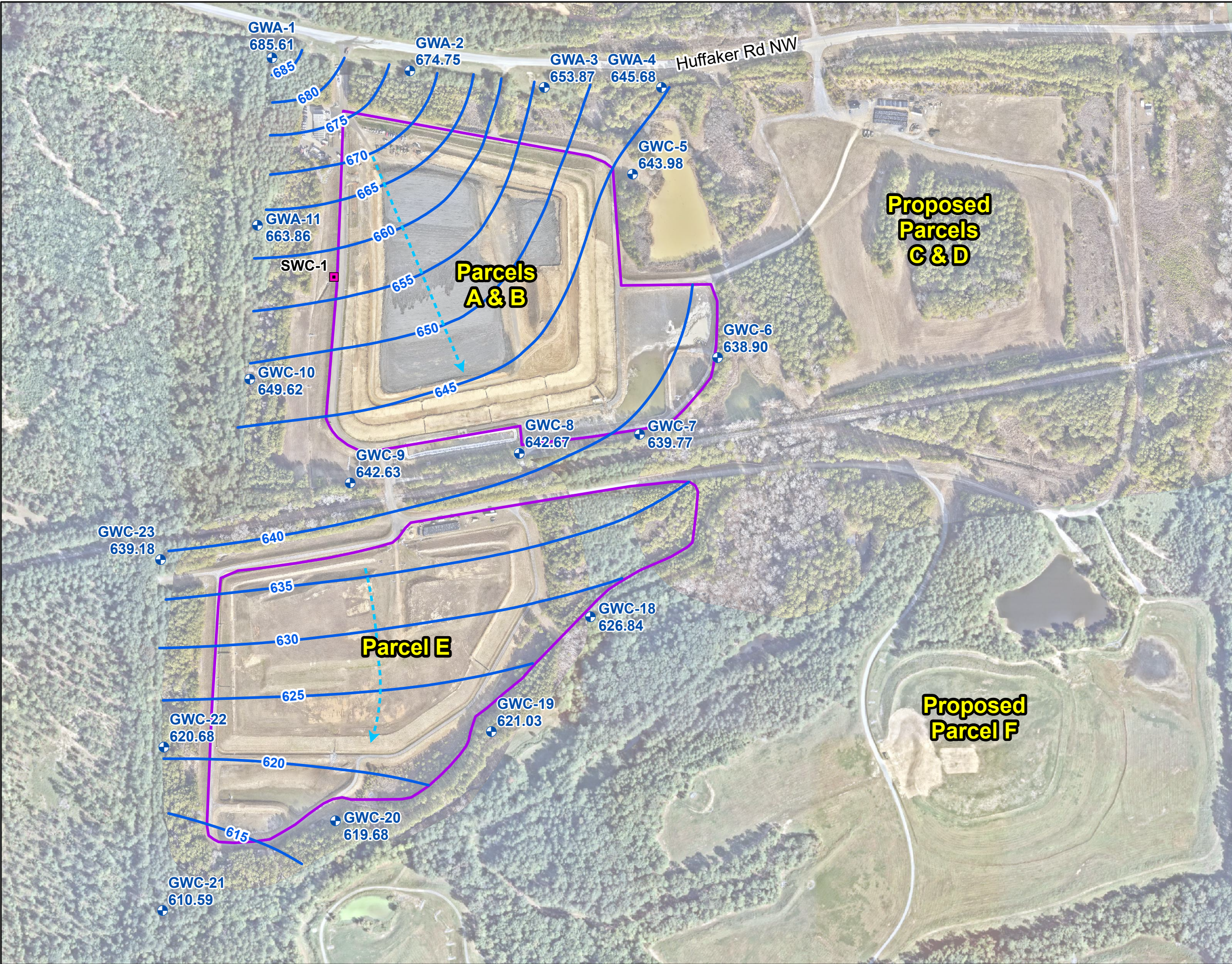
GEORGIA POWER COMPANY
PLANT HAMMOND HUFFAKER ROAD LANDFILL
FLOYD COUNTY, GEORGIA

Prepared For: Georgia Power

Prepared By: Geosyntec consultants

KENNESAW, GA JANUARY 2025

**FIGURE
3**



- LEGEND**
- Detection Monitoring
 - Landfill Underdrain Sample Point
 - Groundwater Elevation Contour
 - Approximate Groundwater Flow Direction
 - Approximate Landfill Parcel Boundary



Note:
1. Water elevation recorded on August 5, 2024. Elevation provided in feet (ft) referenced to the North American Vertical Datum (NAVD) 88.
2. Aerial photograph source: Nearmap September 2024 and Georgia Power Company, January 2024.



**POTENTIOMETRIC SURFACE CONTOUR
MAP - AUGUST 2024**

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

Prepared For: Georgia Power

Prepared By: Geosyntec
consultants

KENNESAW, GA JANUARY 2025

**FIGURE
4**

APPENDIX A

Well Maintenance and Repair Documentation Memoranda

February 2024

MEMORANDUM

DATE: May 17, 2024

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 2024 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	2/12/2024	All Wells	Checked and cleared weep holes of debris.

Attachment

Well Inspection Summary Table

Well Inspection

Site Name: Huffaker

Date: 2/12/2024

Permit Number: 057-022D (LI)

Field Conditions: Rainy, 50° F

	Location/Identification			
	Visible and accessible	Properly identified with correct well ID	Located in high traffic area; does the well require protection from traffic	Acceptable drainage around well (no standing water, not located in obvious drainage flow path)
Well ID:				
GWA-1	Yes	Yes	No	Yes
GWA-2	Yes	Yes	No	Yes
GWA-3	Yes	Yes	No	Yes
GWA-4	Yes	Yes	No	Yes
GWA-11	Yes	Yes	No	Yes
GWC-5	Yes	Yes	No	Yes
GWC-6	Yes	Yes	No	Yes
GWC-7	Yes	Yes	No	Yes
GWC-8	Yes	Yes	No	Yes
GWC-9	Yes	Yes	No	Yes
GWC-10	Yes	Yes	No	Yes
GWC-18	Yes	Yes	No	Yes
GWC-19	Yes	Yes	No	Yes
GWC-20	Yes	Yes	No	Yes
GWC-21	Yes	Yes	No	Yes
GWC-22	Yes	Yes	No	Yes
GWC-23	Yes	Yes	No	Yes

Well Inspection

Site Name: Huffaker

Date: 2/12/2024

Permit Number: 057-022D (LI)

Field Conditions: Rainy, 50° F

	Protective Casing				
	Free from apparent damage and able to be secured	No degradation or deterioration	Functioning weep hole	Annular space clear of debris and water, or filled with pea gravel/sand	Locked and is the lock in good condition
Well ID:					
GWA-1	Yes	Yes	Yes	Yes	Yes
GWA-2	Yes	Yes	Yes	Yes	Yes
GWA-3	Yes	Yes	Yes	Yes	Yes
GWA-4	Yes	Yes	Yes	Yes	Yes
GWA-11	Yes	Yes	Yes	Yes	Yes
GWC-5	Yes	Yes	Yes	Yes	Yes
GWC-6	Yes	Yes	Yes	Yes	Yes
GWC-7	Yes	Yes	Yes	Yes	Yes
GWC-8	Yes	Yes	Yes	Yes	Yes
GWC-9	Yes	Yes	Yes	Yes	Yes
GWC-10	Yes	Yes	Yes	Yes	Yes
GWC-18	Yes	Yes	Yes	Yes	Yes
GWC-19	Yes	Yes	Yes	Yes	Yes
GWC-20	Yes	Yes	Yes	Yes	Yes
GWC-21	Yes	Yes	Yes	Yes	Yes
GWC-22	Yes	Yes	Yes	Yes	Yes
GWC-23	Yes	Yes	Yes	Yes	Yes

Well Inspection

Site Name: Huffaker

Date: 2/12/2024

Permit Number: 057-022D (LI)

Field Conditions: Rainy, 50° F

	Surface Pad			Internal Casing		
	Good condition (not cracked/ broken)	Sloped away from the protective casing	In complete contact with the ground surface and stable	Cap prevents entry of foreign material into the well	Free of kinks/bends, or any obstructions from foreign objects (such as bailers)	Properly vented for equilibration of air pressure
Well ID:						
GWA-1	Yes	Yes	Yes	Yes	Yes	Yes
GWA-2	Yes	Yes	Yes	Yes	Yes	Yes
GWA-3	Yes	Yes	Yes	Yes	Yes	Yes
GWA-4	Yes	Yes	Yes	Yes	Yes	Yes
GWA-11	Yes	Yes	Yes	Yes	Yes	Yes
GWC-5	Yes	Yes	Yes	Yes	Yes	Yes
GWC-6	Yes	Yes	Yes	Yes	Yes	Yes
GWC-7	Yes	Yes	Yes	Yes	Yes	Yes
GWC-8	Yes	Yes	Yes	Yes	Yes	Yes
GWC-9	Yes	Yes	Yes	Yes	Yes	Yes
GWC-10	Yes	Yes	Yes	Yes	Yes	Yes
GWC-18	Yes	Yes	Yes	Yes	Yes	Yes
GWC-19	Yes	Yes	Yes	Yes	Yes	Yes
GWC-20	Yes	Yes	Yes	Yes	Yes	Yes
GWC-21	Yes	Yes	Yes	Yes	Yes	Yes
GWC-22	Yes	Yes	Yes	Yes	Yes	Yes
GWC-23	Yes	Yes	No	Yes	Yes	Yes

Well Inspection

Site Name: Huffaker

Date: 2/12/2024

Permit Number: 057-022D (LI)

Field Conditions: Rainy, 50° F

	Corrective actions as needed, by date:
Well ID:	
GWA-1	N/A
GWA-2	N/A
GWA-3	N/A
GWA-4	N/A
GWA-11	N/A
GWC-5	N/A
GWC-6	N/A
GWC-7	N/A
GWC-8	N/A
GWC-9	N/A
GWC-10	N/A
GWC-18	N/A
GWC-19	N/A
GWC-20	N/A
GWC-21	N/A
GWC-22	N/A
GWC-23	N/A

August 2024

MEMORANDUM

DATE: January 28, 2025

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 2024 Annual reporting period. All maintenance was 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	8/5/2024	All Wells	Checked and cleared weep holes of debris.
Hammond/Huffaker	Scheduled	GWC-19	Well pad reconstruction requested
Hammond/Huffaker	Scheduled	GWC-23	Well pad reconstruction requested

Attachment

Well Inspection Summary Table

Well Inspection

Site Name: Huffaker

Date: 8/5/2024

Permit Number: 057-022D (LI)

Field Conditions: Sunny, 80° F

	Location/Identification			
	Visible and accessible	Properly identified with correct well ID	Located in high traffic area; does the well require protection from traffic	Acceptable drainage around well (no standing water, not located in obvious drainage flow path)
Well ID:				
GWA-1	Yes	Yes	No	Yes
GWA-2	Yes	Yes	No	Yes
GWA-3	Yes	Yes	No	Yes
GWA-4	Yes	Yes	No	Yes
GWA-11	Yes	Yes	No	Yes
GWC-5	Yes	Yes	No	Yes
GWC-6	Yes	Yes	No	Yes
GWC-7	Yes	Yes	No	Yes
GWC-8	Yes	Yes	No	Yes
GWC-9	Yes	Yes	No	Yes
GWC-10	Yes	Yes	No	Yes
GWC-18	Yes	Yes	No	Yes
GWC-19	Yes	Yes	No	Yes
GWC-20	Yes	Yes	No	Yes
GWC-21	Yes	Yes	No	Yes
GWC-22	Yes	Yes	No	Yes
GWC-23	Yes	Yes	No	Yes

Well Inspection

Site Name: Huffaker

Date: 8/5/2024

Permit Number: 057-022D (LI)

Field Conditions: Sunny, 80° F

	Protective Casing				
	Free from apparent damage and able to be secured	No degradation or deterioration	Functioning weep hole	Annular space clear of debris and water, or filled with pea gravel/sand	Locked and is the lock in good condition
Well ID:					
GWA-1	Yes	Yes	Yes	Yes	Yes
GWA-2	Yes	Yes	Yes	Yes	Yes
GWA-3	Yes	Yes	Yes	Yes	Yes
GWA-4	Yes	Yes	Yes	Yes	Yes
GWA-11	Yes	Yes	Yes	Yes	Yes
GWC-5	Yes	Yes	Yes	Yes	Yes
GWC-6	Yes	Yes	Yes	Yes	Yes
GWC-7	Yes	Yes	Yes	Yes	Yes
GWC-8	Yes	Yes	Yes	Yes	Yes
GWC-9	Yes	Yes	Yes	Yes	Yes
GWC-10	Yes	Yes	Yes	Yes	Yes
GWC-18	Yes	Yes	Yes	Yes	Yes
GWC-19	Yes	Yes	Yes	Yes	Yes
GWC-20	Yes	Yes	Yes	Yes	Yes
GWC-21	Yes	Yes	Yes	Yes	Yes
GWC-22	Yes	Yes	Yes	Yes	Yes
GWC-23	Yes	Yes	Yes	Yes	Yes

Well Inspection

Site Name: Huffaker

Date: 8/5/2024

Permit Number: 057-022D (LI)

Field Conditions: Sunny, 80° F

	Surface Pad			Internal Casing		
	Good condition (not cracked/ broken)	Sloped away from the protective casing	In complete contact with the ground surface and stable	Cap prevents entry of foreign material into the well	Free of kinks/bends, or any obstructions from foreign objects (such as bailers)	Properly vented for equilibration of air pressure
Well ID:						
GWA-1	Yes	Yes	Yes	Yes	Yes	Yes
GWA-2	Yes	Yes	Yes	Yes	Yes	Yes
GWA-3	Yes	Yes	Yes	Yes	Yes	Yes
GWA-4	Yes	Yes	Yes	Yes	Yes	Yes
GWA-11	Yes	Yes	Yes	Yes	Yes	Yes
GWC-5	Yes	Yes	Yes	Yes	Yes	Yes
GWC-6	Yes	Yes	Yes	Yes	Yes	Yes
GWC-7	Yes	Yes	Yes	Yes	Yes	Yes
GWC-8	Yes	Yes	Yes	Yes	Yes	Yes
GWC-9	Yes	Yes	Yes	Yes	Yes	Yes
GWC-10	Yes	Yes	Yes	Yes	Yes	Yes
GWC-18	Yes	Yes	Yes	Yes	Yes	Yes
GWC-19	Yes	Yes	No	Yes	Yes	Yes
GWC-20	Yes	Yes	Yes	Yes	Yes	Yes
GWC-21	Yes	Yes	Yes	Yes	Yes	Yes
GWC-22	Yes	Yes	Yes	Yes	Yes	Yes
GWC-23	Yes	Yes	No	Yes	Yes	Yes

Well Inspection

Site Name: Huffaker

Date: 8/5/2024

Permit Number: 057-022D (LI)

Field Conditions: Sunny, 80° F

	Corrective actions as needed, by date:
Well ID:	
GWA-1	N/A
GWA-2	N/A
GWA-3	N/A
GWA-4	N/A
GWA-11	N/A
GWC-5	N/A
GWC-6	N/A
GWC-7	N/A
GWC-8	N/A
GWC-9	N/A
GWC-10	N/A
GWC-18	N/A
GWC-19	Well pad loose, suggest reconstruction
GWC-20	N/A
GWC-21	N/A
GWC-22	N/A
GWC-23	Well pad loose, suggest reconstruction

APPENDIX B

Analytical Laboratory Results and Field Sampling Forms

LABORATORY ANALYTICAL RESULTS

February 2024



May 08, 2024

Kristen Jurinko
Southern Company
241 Ralph McGill Blvd NE
Bin 10160
Atlanta, GA 30308

RE: Project: Huffaker Road Landfill
Pace Project No.: 92715006

Dear Kristen Jurinko:

Enclosed are the analytical results for sample(s) received by the laboratory on February 22, 2024. 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 - Peachtree Corners, GA

Revision 1: Arsenic RDL limit was updated to report 0.005 mg/L.

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

Sincerely,

Bonnie Vang
bonnie.vang@pacelabs.com
704-977-0968
Project Manager

Enclosures

cc: Kip Gray, Geosyntec
Christine Hug, Geosyntec Consultants, Inc.
Thomas Kessler, Geosyntec Consultants
Whitney Law, Geosyntec Consultants
Laura Midkiff, Southern Company
Caroline Nelson, Geosyntec Consultants, Inc
Anthony Szwast, Geosyntec Consultants



REPORT OF LABORATORY ANALYSIS

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



CERTIFICATIONS

Project: Huffaker Road Landfill

Pace Project No.: 92715006

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

Virginia Certification #: 460204

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: Huffaker Road Landfill

Pace Project No.: 92715006

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92715006001	HAM-GWA-1	Water	02/19/24 15:20	02/22/24 11:10
92715006002	HAM-GWA-2	Water	02/19/24 13:12	02/22/24 11:10
92715006003	HAM-GWA-3	Water	02/19/24 12:42	02/22/24 11:10
92715006004	HAM-GWA-4	Water	02/19/24 14:10	02/22/24 11:10
92715006005	HAM-GWA-11	Water	02/19/24 15:57	02/22/24 11:10
92715006006	HAM-GWC-10	Water	02/19/24 17:39	02/22/24 11:10
92715006007	HAM-GWC-5	Water	02/20/24 17:27	02/22/24 11:10
92715006008	HAM-GWC-9	Water	02/20/24 17:00	02/22/24 11:10
92715006009	HAM-GWC-18	Water	02/20/24 10:34	02/22/24 11:10
92715006010	HAM-HLF-GWC-19	Water	02/20/24 11:54	02/22/24 11:10
92715006011	HAM-GWC-20	Water	02/20/24 11:50	02/22/24 11:10
92715006012	HAM-GWC-21	Water	02/20/24 14:37	02/22/24 11:10
92715006013	HAM-GWC-22	Water	02/20/24 13:48	02/22/24 11:10
92715006014	HAM-GWC-23	Water	02/20/24 15:30	02/22/24 11:10
92715006015	HAM-HLF-EB-01	Water	02/20/24 17:50	02/22/24 11:10
92715006016	HAM-HLF-FB-01	Water	02/20/24 17:55	02/22/24 11:10
92715006017	HAM-HLF-FD-02	Water	02/20/24 00:00	02/22/24 11:10
92715006018	HAM-HLF-GWC-6	Water	02/21/24 12:35	02/22/24 11:10
92715006019	HAM-GWC-7	Water	02/21/24 13:05	02/22/24 11:10
92715006020	HAM-HLF-GWC-8	Water	02/21/24 11:15	02/22/24 11:10
92715006021	HAM-HLF-EB-02	Water	02/21/24 13:10	02/22/24 11:10
92715006022	HAM-HLF-FB-02	Water	02/21/24 13:05	02/22/24 11:10
92715006023	HAM-HLF-FD-01	Water	02/21/24 00:00	02/22/24 11:10

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Huffaker Road Landfill

Pace Project No.: 92715006

Lab ID	Sample ID	Method	Analysts	Analytes Reported
92715006001	HAM-GWA-1	EPA 6010D	DRB	6
		EPA 6020B	MT1	16
		SM 2540C-2015	DL1	1
		SM 2320B-2011	SMS	3
		SM 4500-S2D-2011	JP1	1
		EPA 300.0 Rev 2.1 1993	JCM	3
92715006002	HAM-GWA-2	EPA 6010D	DRB	6
		EPA 6020B	MT1	16
		SM 2540C-2015	DL1	1
		SM 2320B-2011	SMS	3
		SM 4500-S2D-2011	JP1	1
		EPA 300.0 Rev 2.1 1993	JCM	3
92715006003	HAM-GWA-3	EPA 6010D	DRB	6
		EPA 6020B	MT1	16
		SM 2540C-2015	DL1	1
		SM 2320B-2011	SMS	3
		SM 4500-S2D-2011	JP1	1
		EPA 300.0 Rev 2.1 1993	JCM	3
92715006004	HAM-GWA-4	EPA 6010D	DRB	6
		EPA 6020B	MT1	16
		SM 2540C-2015	DL1	1
		SM 2320B-2011	SMS	3
		SM 4500-S2D-2011	JP1	1
		EPA 300.0 Rev 2.1 1993	JCM	3
92715006005	HAM-GWA-11	EPA 6010D	DRB	6
		EPA 6020B	MT1	16
		SM 2540C-2015	DL1	1
		SM 2320B-2011	SMS	3
		SM 4500-S2D-2011	JP1	1
		EPA 300.0 Rev 2.1 1993	JCM	3
92715006006	HAM-GWC-10	EPA 6010D	DRB	6
		EPA 6020B	MT1	16
		SM 2540C-2015	DL1	1
		SM 2320B-2011	SMS	3
		SM 4500-S2D-2011	JP1	1
		EPA 300.0 Rev 2.1 1993	JCM	3
92715006007	HAM-GWC-5	EPA 6010D	DRB	6

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Huffaker Road Landfill

Pace Project No.: 92715006

Lab ID	Sample ID	Method	Analysts	Analytes Reported
92715006008	HAM-GWC-9	EPA 6020B	MT1	16
		SM 2540C-2015	DL1	1
		SM 2320B-2011	SMS	3
		SM 4500-S2D-2011	JP1	1
		EPA 300.0 Rev 2.1 1993	JCM	3
		EPA 6010D	DRB	6
		EPA 6020B	MT1	16
		SM 2540C-2015	DL1	1
		SM 2320B-2011	SMS	3
		SM 4500-S2D-2011	JP1	1
92715006009	HAM-GWC-18	EPA 300.0 Rev 2.1 1993	JCM	3
		EPA 6010D	DRB	6
		EPA 6020B	MT1	16
		SM 2540C-2015	DL1	1
		SM 2320B-2011	SMS	3
		SM 4500-S2D-2011	JP1	1
		EPA 300.0 Rev 2.1 1993	JCM	3
		EPA 6010D	DRB	6
		EPA 6020B	MT1	16
		SM 2540C-2015	DL1	1
92715006010	HAM-HLF-GWC-19	SM 2320B-2011	SMS	3
		SM 4500-S2D-2011	JP1	1
		EPA 300.0 Rev 2.1 1993	JCM	3
		EPA 6010D	DRB	6
		EPA 6020B	MT1	16
		SM 2540C-2015	DL1	1
		SM 2320B-2011	SMS	3
		SM 4500-S2D-2011	JP1	1
		EPA 300.0 Rev 2.1 1993	JCM	3
		EPA 6010D	DRB	6
92715006011	HAM-GWC-20	EPA 6020B	MT1	16
		SM 2540C-2015	DL1	1
		SM 2320B-2011	SMS	3
		SM 4500-S2D-2011	JP1	1
		EPA 300.0 Rev 2.1 1993	JCM	3
		EPA 6010D	DRB	6
		EPA 6020B	MT1	16
		SM 2540C-2015	DL1	1
		SM 2320B-2011	SMS	3
		SM 4500-S2D-2011	JP1	1
92715006012	HAM-GWC-21	EPA 300.0 Rev 2.1 1993	JCM	3
		EPA 6010D	DRB	6
		EPA 6020B	CW1	16
		SM 2540C-2015	DL1	1
		SM 2320B-2011	SMS	3
		SM 4500-S2D-2011	JP1	1
		EPA 300.0 Rev 2.1 1993	JCM	3
		EPA 6010D	DRB	6
		EPA 6020B	CW1	16
		SM 2540C-2015	DL1	1
92715006013	HAM-GWC-22	SM 2320B-2011	SMS	3
		SM 4500-S2D-2011	JP1	1
		EPA 300.0 Rev 2.1 1993	JCM	3

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Huffaker Road Landfill
Pace Project No.: 92715006

Lab ID	Sample ID	Method	Analysts	Analytes Reported
92715006014	HAM-GWC-23	SM 2540C-2015	DL1	1
		SM 2320B-2011	SMS	3
		SM 4500-S2D-2011	JP1	1
		EPA 300.0 Rev 2.1 1993	JCM	3
		EPA 6010D	DRB	6
		EPA 6020B	CW1	16
		SM 2540C-2015	DL1	1
		SM 2320B-2011	SMS	3
92715006015	HAM-HLF-EB-01	SM 4500-S2D-2011	JP1	1
		EPA 300.0 Rev 2.1 1993	JCM	3
		EPA 6010D	DRB	1
		EPA 6020B	CW1	16
		SM 2540C-2015	DL1	1
		EPA 300.0 Rev 2.1 1993	JCM	3
		EPA 6010D	DRB	1
		EPA 6020B	CW1	16
92715006016	HAM-HLF-FB-01	SM 2540C-2015	DL1	1
		EPA 300.0 Rev 2.1 1993	JCM	3
		EPA 6010D	DRB	1
		EPA 6020B	CW1	16
		SM 2540C-2015	DL1	1
		EPA 300.0 Rev 2.1 1993	JCM	3
		EPA 6010D	DRB	6
		EPA 6020B	CW1	16
92715006017	HAM-HLF-FD-02	SM 2540C-2015	DL1	1
		EPA 300.0 Rev 2.1 1993	JCM	3
		EPA 6010D	DRB	6
		EPA 6020B	CW1	16
		SM 2540C-2015	DL1	1
		SM 2320B-2011	SMS	3
		SM 4500-S2D-2011	JP1	1
		EPA 300.0 Rev 2.1 1993	JCM	3
92715006018	HAM-HLF-GWC-6	EPA 6010D	DRB	6
		EPA 6020B	CW1	16
		SM 2540C-2015	DL1	1
		SM 2320B-2011	SMS	3
		SM 4500-S2D-2011	JP1	1
		EPA 300.0 Rev 2.1 1993	JCM	3
		EPA 6010D	DRB	6
		EPA 6020B	CW1	16
92715006019	HAM-GWC-7	SM 2540C-2015	DL1	1
		SM 2320B-2011	SMS	3
		SM 4500-S2D-2011	JP1	1
		EPA 300.0 Rev 2.1 1993	JCM	3
		EPA 6010D	DRB	6
		EPA 6020B	CW1	16
		SM 2540C-2015	DL1	1
		SM 2320B-2011	SMS	3
92715006020	HAM-HLF-GWC-8	SM 4500-S2D-2011	JP1	1
		EPA 300.0 Rev 2.1 1993	JCM	3
		EPA 6010D	DRB	6
		EPA 6020B	CW1	16

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SAMPLE ANALYTE COUNT

Project: Huffaker Road Landfill

Pace Project No.: 92715006

Lab ID	Sample ID	Method	Analysts	Analytes Reported
92715006021	HAM-HLF-EB-02	EPA 6020B	CW1	16
		SM 2540C-2015	DL1	1
		SM 2320B-2011	SMS	3
		SM 4500-S2D-2011	JP1	1
		EPA 300.0 Rev 2.1 1993	JCM	3
		EPA 6010D	DRB	1
		EPA 6020B	CW1	16
		SM 2540C-2015	DL1	1
		EPA 300.0 Rev 2.1 1993	JCM	3
		EPA 6010D	DRB	1
92715006022	HAM-HLF-FB-02	EPA 6020B	CW1	16
		SM 2540C-2015	DL1	1
		EPA 300.0 Rev 2.1 1993	JCM	3
		EPA 6010D	DRB	6
		EPA 6020B	CW1	16
92715006023	HAM-HLF-FD-01	SM 2540C-2015	DL1	1
		EPA 300.0 Rev 2.1 1993	JCM	3
		EPA 6010D	DRB	6
		EPA 6020B	CW1	16
		SM 2540C-2015	DL1	1
		SM 2320B-2011	SMS	3
		SM 4500-S2D-2011	JP1	1
		EPA 300.0 Rev 2.1 1993	JCM	3

PASI-A = Pace Analytical Services - Asheville

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.: 92715006

Lab Sample ID	Client Sample ID					
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92715006001	HAM-GWA-1					
EPA 6010D	Iron	1.8	mg/L	0.040	03/02/24 09:53	
EPA 6010D	Manganese	0.18	mg/L	0.040	03/02/24 09:53	
EPA 6010D	Potassium	0.40J	mg/L	0.50	03/02/24 09:53	
EPA 6010D	Sodium	4.8	mg/L	1.0	03/02/24 09:53	
EPA 6010D	Calcium	17.9	mg/L	1.0	03/02/24 09:53	
EPA 6010D	Magnesium	6.7	mg/L	0.050	03/02/24 09:53	
EPA 6020B	Barium	0.040	mg/L	0.0050	02/29/24 19:11	
EPA 6020B	Boron	0.030J	mg/L	0.040	02/29/24 19:11	
EPA 6020B	Cobalt	0.00050J	mg/L	0.0050	02/29/24 19:11	
SM 2540C-2015	Total Dissolved Solids	107	mg/L	25.0	02/26/24 14:44	
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	75.0	mg/L	5.0	02/27/24 14:30	
SM 2320B-2011	Alkalinity, Total as CaCO3	75.0	mg/L	5.0	02/27/24 14:30	
EPA 300.0 Rev 2.1 1993	Chloride	1.2	mg/L	1.0	02/24/24 20:27	
EPA 300.0 Rev 2.1 1993	Fluoride	0.074J	mg/L	0.10	02/24/24 20:27	
EPA 300.0 Rev 2.1 1993	Sulfate	5.1	mg/L	1.0	02/24/24 20:27	
92715006002	HAM-GWA-2					
EPA 6010D	Iron	1.9	mg/L	0.040	03/02/24 09:55	
EPA 6010D	Manganese	0.19	mg/L	0.040	03/02/24 09:55	
EPA 6010D	Potassium	0.63	mg/L	0.50	03/02/24 09:55	
EPA 6010D	Sodium	13.1	mg/L	1.0	03/02/24 09:55	
EPA 6010D	Calcium	54.0	mg/L	1.0	03/02/24 09:55	
EPA 6010D	Magnesium	20.3	mg/L	0.050	03/02/24 09:55	
EPA 6020B	Barium	0.19	mg/L	0.0050	02/29/24 19:15	
EPA 6020B	Boron	0.083	mg/L	0.040	02/29/24 19:15	BC
SM 2540C-2015	Total Dissolved Solids	370	mg/L	25.0	02/26/24 14:44	
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	222	mg/L	5.0	02/27/24 14:53	
SM 2320B-2011	Alkalinity, Total as CaCO3	222	mg/L	5.0	02/27/24 14:53	
EPA 300.0 Rev 2.1 1993	Chloride	2.3	mg/L	1.0	02/24/24 20:41	
EPA 300.0 Rev 2.1 1993	Fluoride	0.079J	mg/L	0.10	02/24/24 20:41	
EPA 300.0 Rev 2.1 1993	Sulfate	23.7	mg/L	1.0	02/24/24 20:41	
92715006003	HAM-GWA-3					
EPA 6010D	Iron	0.82	mg/L	0.040	03/02/24 11:50	
EPA 6010D	Manganese	0.42	mg/L	0.040	03/02/24 11:50	
EPA 6010D	Potassium	0.63	mg/L	0.50	03/02/24 11:50	
EPA 6010D	Sodium	18.9	mg/L	1.0	03/02/24 11:50	M1
EPA 6010D	Calcium	59.0	mg/L	1.0	03/02/24 11:50	M1
EPA 6010D	Magnesium	28.4	mg/L	0.050	03/02/24 11:50	M1
EPA 6020B	Arsenic	0.00093J	mg/L	0.0050	02/29/24 19:19	
EPA 6020B	Barium	0.083	mg/L	0.0050	02/29/24 19:19	
EPA 6020B	Boron	0.082	mg/L	0.040	02/29/24 19:19	BC
EPA 6020B	Cobalt	0.00049J	mg/L	0.0050	02/29/24 19:19	
EPA 6020B	Zinc	0.0025J	mg/L	0.010	02/29/24 19:19	
SM 2540C-2015	Total Dissolved Solids	380	mg/L	25.0	02/26/24 14:44	
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	199	mg/L	5.0	02/27/24 15:16	
SM 2320B-2011	Alkalinity, Total as CaCO3	199	mg/L	5.0	02/27/24 15:16	
EPA 300.0 Rev 2.1 1993	Chloride	1.2	mg/L	1.0	02/24/24 20:56	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: Huffaker Road Landfill
Pace Project No.: 92715006

Lab Sample ID	Client Sample ID					
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92715006003	HAM-GWA-3					
EPA 300.0 Rev 2.1 1993	Fluoride	0.081J	mg/L	0.10	02/24/24 20:56	
EPA 300.0 Rev 2.1 1993	Sulfate	103	mg/L	2.0	02/25/24 08:47	
92715006004	HAM-GWA-4					
EPA 6010D	Iron	0.036J	mg/L	0.040	03/02/24 12:00	
EPA 6010D	Manganese	0.085	mg/L	0.040	03/02/24 12:00	
EPA 6010D	Potassium	1.7	mg/L	0.50	03/02/24 12:00	
EPA 6010D	Sodium	12.6	mg/L	1.0	03/02/24 12:00	
EPA 6010D	Calcium	81.3	mg/L	1.0	03/02/24 12:00	
EPA 6010D	Magnesium	33.9	mg/L	0.050	03/02/24 12:00	
EPA 6020B	Arsenic	0.0018J	mg/L	0.0050	02/29/24 19:22	
EPA 6020B	Barium	0.051	mg/L	0.0050	02/29/24 19:22	
EPA 6020B	Boron	0.059	mg/L	0.040	02/29/24 19:22	BC
EPA 6020B	Vanadium	0.0012J	mg/L	0.010	02/29/24 19:22	
SM 2540C-2015	Total Dissolved Solids	433	mg/L	25.0	02/26/24 14:44	
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	219	mg/L	5.0	02/27/24 18:46	
SM 2320B-2011	Alkalinity, Total as CaCO3	219	mg/L	5.0	02/27/24 18:46	
EPA 300.0 Rev 2.1 1993	Chloride	3.6	mg/L	1.0	02/24/24 21:41	
EPA 300.0 Rev 2.1 1993	Fluoride	0.10	mg/L	0.10	02/24/24 21:41	
EPA 300.0 Rev 2.1 1993	Sulfate	138	mg/L	3.0	02/25/24 09:02	
92715006005	HAM-GWA-11					
EPA 6010D	Iron	2.0	mg/L	0.040	03/02/24 12:02	
EPA 6010D	Manganese	0.10	mg/L	0.040	03/02/24 12:02	
EPA 6010D	Potassium	0.36J	mg/L	0.50	03/02/24 12:02	
EPA 6010D	Sodium	8.1	mg/L	1.0	03/02/24 12:02	
EPA 6010D	Calcium	21.4	mg/L	1.0	03/02/24 12:02	
EPA 6010D	Magnesium	6.4	mg/L	0.050	03/02/24 12:02	
EPA 6020B	Barium	0.031	mg/L	0.0050	02/29/24 19:26	
EPA 6020B	Boron	0.028J	mg/L	0.040	02/29/24 19:26	
EPA 6020B	Cobalt	0.00063J	mg/L	0.0050	02/29/24 19:26	
EPA 6020B	Nickel	0.0022J	mg/L	0.0050	02/29/24 19:26	
SM 2540C-2015	Total Dissolved Solids	193	mg/L	25.0	02/26/24 14:44	
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	84.6	mg/L	5.0	02/27/24 15:42	
SM 2320B-2011	Alkalinity, Total as CaCO3	84.6	mg/L	5.0	02/27/24 15:42	
EPA 300.0 Rev 2.1 1993	Chloride	1.2	mg/L	1.0	02/24/24 22:56	
EPA 300.0 Rev 2.1 1993	Sulfate	9.9	mg/L	1.0	02/24/24 22:56	
92715006006	HAM-GWC-10					
EPA 6010D	Iron	1.0	mg/L	0.040	03/02/24 12:10	
EPA 6010D	Manganese	0.10	mg/L	0.040	03/02/24 12:10	
EPA 6010D	Potassium	0.45J	mg/L	0.50	03/02/24 12:10	
EPA 6010D	Sodium	7.9	mg/L	1.0	03/02/24 12:10	
EPA 6010D	Calcium	44.8	mg/L	1.0	03/02/24 12:10	
EPA 6010D	Magnesium	10	mg/L	0.050	03/02/24 12:10	
EPA 6020B	Barium	0.14	mg/L	0.0050	02/29/24 19:30	
EPA 6020B	Boron	0.028J	mg/L	0.040	02/29/24 19:30	
SM 2540C-2015	Total Dissolved Solids	198	mg/L	25.0	02/26/24 14:45	
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	166	mg/L	5.0	02/27/24 15:50	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: Huffaker Road Landfill

Pace Project No.: 92715006

Lab Sample ID	Client Sample ID					
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92715006006	HAM-GWC-10					
SM 2320B-2011	Alkalinity, Total as CaCO ₃	166	mg/L	5.0	02/27/24 15:50	
EPA 300.0 Rev 2.1 1993	Chloride	1.2	mg/L	1.0	02/24/24 23:11	
EPA 300.0 Rev 2.1 1993	Fluoride	0.074J	mg/L	0.10	02/24/24 23:11	
EPA 300.0 Rev 2.1 1993	Sulfate	10.8	mg/L	1.0	02/24/24 23:11	
92715006007	HAM-GWC-5					
EPA 6010D	Iron	1.0	mg/L	0.040	03/02/24 12:12	
EPA 6010D	Manganese	0.21	mg/L	0.040	03/02/24 12:12	
EPA 6010D	Potassium	0.77	mg/L	0.50	03/02/24 12:12	
EPA 6010D	Sodium	13.6	mg/L	1.0	03/02/24 12:12	
EPA 6010D	Calcium	78.7	mg/L	1.0	03/02/24 12:12	
EPA 6010D	Magnesium	23.8	mg/L	0.050	03/02/24 12:12	
EPA 6020B	Barium	0.070	mg/L	0.0050	02/29/24 19:41	
EPA 6020B	Boron	0.031J	mg/L	0.040	02/29/24 19:41	
EPA 6020B	Cobalt	0.00035J	mg/L	0.0050	02/29/24 19:41	
SM 2540C-2015	Total Dissolved Solids	407	mg/L	25.0	02/26/24 17:51	
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO ₃)	235	mg/L	5.0	02/28/24 10:31	
SM 2320B-2011	Alkalinity, Total as CaCO ₃	235	mg/L	5.0	02/28/24 10:31	
EPA 300.0 Rev 2.1 1993	Chloride	2.2	mg/L	1.0	02/24/24 23:25	
EPA 300.0 Rev 2.1 1993	Sulfate	98.1	mg/L	1.0	02/24/24 23:25	
92715006008	HAM-GWC-9					
EPA 6010D	Iron	6.1	mg/L	0.040	03/02/24 12:15	
EPA 6010D	Manganese	0.16	mg/L	0.040	03/02/24 12:15	
EPA 6010D	Potassium	0.40J	mg/L	0.50	03/02/24 12:15	
EPA 6010D	Sodium	6.9	mg/L	1.0	03/02/24 12:15	
EPA 6010D	Calcium	38.9	mg/L	1.0	03/02/24 12:15	
EPA 6010D	Magnesium	13.2	mg/L	0.050	03/02/24 12:15	
EPA 6020B	Barium	0.073	mg/L	0.0050	02/29/24 19:45	
EPA 6020B	Cobalt	0.00033J	mg/L	0.0050	02/29/24 19:45	
SM 2540C-2015	Total Dissolved Solids	301	mg/L	25.0	02/26/24 17:52	
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO ₃)	91.1	mg/L	5.0	02/27/24 20:33	
SM 2320B-2011	Alkalinity, Total as CaCO ₃	91.1	mg/L	5.0	02/27/24 20:33	
EPA 300.0 Rev 2.1 1993	Chloride	0.89J	mg/L	1.0	02/24/24 23:40	
EPA 300.0 Rev 2.1 1993	Fluoride	0.069J	mg/L	0.10	02/24/24 23:40	
EPA 300.0 Rev 2.1 1993	Sulfate	78.2	mg/L	1.0	02/24/24 23:40	
92715006009	HAM-GWC-18					
EPA 6010D	Manganese	0.017J	mg/L	0.040	03/02/24 12:17	
EPA 6010D	Potassium	0.57	mg/L	0.50	03/02/24 12:17	
EPA 6010D	Sodium	11.5	mg/L	1.0	03/02/24 12:17	
EPA 6010D	Calcium	42.4	mg/L	1.0	03/02/24 12:17	
EPA 6010D	Magnesium	13.0	mg/L	0.050	03/02/24 12:17	
EPA 6020B	Barium	0.083	mg/L	0.0050	02/29/24 19:48	
EPA 6020B	Boron	0.12	mg/L	0.040	02/29/24 19:48	
SM 2540C-2015	Total Dissolved Solids	250	mg/L	25.0	02/26/24 17:52	
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO ₃)	179	mg/L	5.0	02/27/24 20:41	
SM 2320B-2011	Alkalinity, Total as CaCO ₃	179	mg/L	5.0	02/27/24 20:41	
EPA 300.0 Rev 2.1 1993	Chloride	1.0	mg/L	1.0	02/24/24 23:55	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: Huffaker Road Landfill

Pace Project No.: 92715006

Lab Sample ID	Client Sample ID					
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92715006009	HAM-GWC-18					
EPA 300.0 Rev 2.1 1993	Fluoride	0.11	mg/L	0.10	02/24/24 23:55	
EPA 300.0 Rev 2.1 1993	Sulfate	9.1	mg/L	1.0	02/24/24 23:55	
92715006010	HAM-HLF-GWC-19					
EPA 6010D	Iron	0.37	mg/L	0.040	03/02/24 12:20	
EPA 6010D	Manganese	0.060	mg/L	0.040	03/02/24 12:20	
EPA 6010D	Potassium	0.36J	mg/L	0.50	03/02/24 12:20	
EPA 6010D	Sodium	22.1	mg/L	1.0	03/02/24 12:20	
EPA 6010D	Calcium	47.5	mg/L	1.0	03/02/24 12:20	
EPA 6010D	Magnesium	11.5	mg/L	0.050	03/02/24 12:20	
EPA 6020B	Barium	0.15	mg/L	0.0050	02/29/24 19:52	
EPA 6020B	Boron	0.14	mg/L	0.040	02/29/24 19:52	
SM 2540C-2015	Total Dissolved Solids	306	mg/L	25.0	02/26/24 17:52	
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	200	mg/L	5.0	02/28/24 10:38	
SM 2320B-2011	Alkalinity, Total as CaCO3	200	mg/L	5.0	02/28/24 10:38	
EPA 300.0 Rev 2.1 1993	Chloride	1.3	mg/L	1.0	02/25/24 00:10	
EPA 300.0 Rev 2.1 1993	Fluoride	0.10	mg/L	0.10	02/25/24 00:10	
EPA 300.0 Rev 2.1 1993	Sulfate	24.3	mg/L	1.0	02/25/24 00:10	
92715006011	HAM-GWC-20					
EPA 6010D	Iron	1.6	mg/L	0.040	03/02/24 12:22	
EPA 6010D	Manganese	0.13	mg/L	0.040	03/02/24 12:22	
EPA 6010D	Potassium	0.29J	mg/L	0.50	03/02/24 12:22	
EPA 6010D	Sodium	4.8	mg/L	1.0	03/02/24 12:22	
EPA 6010D	Calcium	67.1	mg/L	1.0	03/02/24 12:22	
EPA 6010D	Magnesium	13.1	mg/L	0.050	03/02/24 12:22	
EPA 6020B	Barium	0.15	mg/L	0.0050	02/29/24 19:56	
SM 2540C-2015	Total Dissolved Solids	369	mg/L	25.0	02/26/24 17:53	
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	163	mg/L	5.0	02/27/24 21:01	
SM 2320B-2011	Alkalinity, Total as CaCO3	163	mg/L	5.0	02/27/24 21:01	
EPA 300.0 Rev 2.1 1993	Chloride	1.3	mg/L	1.0	02/25/24 00:25	
EPA 300.0 Rev 2.1 1993	Fluoride	0.051J	mg/L	0.10	02/25/24 00:25	
EPA 300.0 Rev 2.1 1993	Sulfate	71.0	mg/L	1.0	02/25/24 00:25	
92715006012	HAM-GWC-21					
EPA 6010D	Iron	0.35	mg/L	0.040	03/02/24 12:25	
EPA 6010D	Manganese	0.18	mg/L	0.040	03/02/24 12:25	
EPA 6010D	Potassium	0.52	mg/L	0.50	03/02/24 12:25	
EPA 6010D	Sodium	4.7	mg/L	1.0	03/02/24 12:25	
EPA 6010D	Calcium	22.5	mg/L	1.0	03/02/24 12:25	
EPA 6010D	Magnesium	4.2	mg/L	0.050	03/02/24 12:25	
EPA 6020B	Barium	0.052	mg/L	0.0050	03/01/24 14:56	
EPA 6020B	Boron	0.025J	mg/L	0.040	03/01/24 14:56	
EPA 6020B	Cobalt	0.0029J	mg/L	0.0050	03/01/24 14:56	
EPA 6020B	Copper	0.00075J	mg/L	0.0050	03/01/24 14:56	
EPA 6020B	Nickel	0.0053	mg/L	0.0050	03/01/24 14:56	
EPA 6020B	Zinc	0.0068J	mg/L	0.010	03/01/24 14:56	
SM 2540C-2015	Total Dissolved Solids	126	mg/L	25.0	02/26/24 17:53	
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	59.0	mg/L	5.0	02/27/24 21:11	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: Huffaker Road Landfill

Pace Project No.: 92715006

Lab Sample ID	Client Sample ID					
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92715006012	HAM-GWC-21					
SM 2320B-2011	Alkalinity, Total as CaCO ₃	59.0	mg/L	5.0	02/27/24 21:11	
EPA 300.0 Rev 2.1 1993	Chloride	5.0	mg/L	1.0	02/25/24 00:40	
EPA 300.0 Rev 2.1 1993	Sulfate	23.8	mg/L	1.0	02/25/24 00:40	
92715006013	HAM-GWC-22					
EPA 6010D	Iron	0.83	mg/L	0.040	03/02/24 12:27	
EPA 6010D	Manganese	0.075	mg/L	0.040	03/02/24 12:27	
EPA 6010D	Potassium	0.32J	mg/L	0.50	03/02/24 12:27	
EPA 6010D	Sodium	9.9	mg/L	1.0	03/02/24 12:27	
EPA 6010D	Calcium	46.8	mg/L	1.0	03/02/24 12:27	
EPA 6010D	Magnesium	10.0	mg/L	0.050	03/02/24 12:27	
EPA 6020B	Antimony	0.00070J	mg/L	0.0030	03/01/24 15:11	
EPA 6020B	Barium	0.091	mg/L	0.0050	03/01/24 15:11	
EPA 6020B	Boron	0.066	mg/L	0.040	03/01/24 15:11	
SM 2540C-2015	Total Dissolved Solids	220	mg/L	25.0	02/26/24 17:53	
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO ₃)	179	mg/L	5.0	02/27/24 21:18	
SM 2320B-2011	Alkalinity, Total as CaCO ₃	179	mg/L	5.0	02/27/24 21:18	
EPA 300.0 Rev 2.1 1993	Chloride	1.3	mg/L	1.0	02/25/24 00:55	
EPA 300.0 Rev 2.1 1993	Fluoride	0.053J	mg/L	0.10	02/25/24 00:55	
EPA 300.0 Rev 2.1 1993	Sulfate	7.3	mg/L	1.0	02/25/24 00:55	
92715006014	HAM-GWC-23					
EPA 6010D	Iron	0.55	mg/L	0.040	03/02/24 12:29	
EPA 6010D	Manganese	0.023J	mg/L	0.040	03/02/24 12:29	
EPA 6010D	Potassium	1.5	mg/L	0.50	03/02/24 12:29	
EPA 6010D	Sodium	11.4	mg/L	1.0	03/02/24 12:29	
EPA 6010D	Calcium	53.7	mg/L	1.0	03/02/24 12:29	
EPA 6010D	Magnesium	8.8	mg/L	0.050	03/02/24 12:29	
EPA 6020B	Barium	0.096	mg/L	0.0050	03/01/24 15:14	
EPA 6020B	Boron	0.048	mg/L	0.040	03/01/24 15:14	
SM 2540C-2015	Total Dissolved Solids	263	mg/L	25.0	02/26/24 17:53	
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO ₃)	181	mg/L	5.0	02/27/24 21:28	
SM 2320B-2011	Alkalinity, Total as CaCO ₃	181	mg/L	5.0	02/27/24 21:28	
EPA 300.0 Rev 2.1 1993	Chloride	0.98J	mg/L	1.0	02/25/24 01:10	
EPA 300.0 Rev 2.1 1993	Fluoride	0.084J	mg/L	0.10	02/25/24 01:10	
EPA 300.0 Rev 2.1 1993	Sulfate	18.6	mg/L	1.0	02/25/24 01:10	
92715006015	HAM-HLF-EB-01					
SM 2540C-2015	Total Dissolved Solids	148	mg/L	25.0	02/26/24 17:54	
92715006016	HAM-HLF-FB-01					
SM 2540C-2015	Total Dissolved Solids	213	mg/L	25.0	02/26/24 17:54	
92715006017	HAM-HLF-FD-02					
EPA 6010D	Iron	0.37	mg/L	0.040	03/02/24 12:42	
EPA 6010D	Manganese	0.062	mg/L	0.040	03/02/24 12:42	
EPA 6010D	Potassium	0.41J	mg/L	0.50	03/02/24 12:42	
EPA 6010D	Calcium	48.8	mg/L	1.0	03/02/24 12:42	
EPA 6010D	Magnesium	11.9	mg/L	0.050	03/02/24 12:42	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: Huffaker Road Landfill

Pace Project No.: 92715006

Lab Sample ID	Client Sample ID					
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92715006017	HAM-HLF-FD-02					
EPA 6010D	Sodium	24.4	mg/L	1.0	03/04/24 09:07	
EPA 6020B	Barium	0.15	mg/L	0.0050	03/01/24 15:35	
EPA 6020B	Boron	0.14	mg/L	0.040	03/01/24 15:35	
SM 2540C-2015	Total Dissolved Solids	290	mg/L	25.0	02/26/24 17:54	
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	206	mg/L	5.0	02/29/24 19:45	
SM 2320B-2011	Alkalinity, Total as CaCO3	206	mg/L	5.0	02/29/24 19:45	
EPA 300.0 Rev 2.1 1993	Chloride	1.4	mg/L	1.0	02/25/24 02:24	
EPA 300.0 Rev 2.1 1993	Fluoride	0.12	mg/L	0.10	02/25/24 02:24	
EPA 300.0 Rev 2.1 1993	Sulfate	24.8	mg/L	1.0	02/25/24 02:24	
92715006018	HAM-HLF-GWC-6					
EPA 6010D	Sodium	12.4	mg/L	1.0	03/04/24 09:09	
EPA 6010D	Iron	2.4	mg/L	0.040	03/02/24 12:44	
EPA 6010D	Manganese	0.071	mg/L	0.040	03/02/24 12:44	
EPA 6010D	Potassium	0.50	mg/L	0.50	03/02/24 12:44	
EPA 6010D	Calcium	66.7	mg/L	1.0	03/02/24 12:44	
EPA 6010D	Magnesium	16.4	mg/L	0.050	03/02/24 12:44	
EPA 6020B	Barium	0.15	mg/L	0.0050	03/01/24 15:39	
EPA 6020B	Boron	0.040	mg/L	0.040	03/01/24 15:39	
SM 2540C-2015	Total Dissolved Solids	275	mg/L	25.0	02/28/24 11:57	
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	169	mg/L	5.0	02/29/24 14:23	
SM 2320B-2011	Alkalinity, Total as CaCO3	169	mg/L	5.0	02/29/24 14:23	
EPA 300.0 Rev 2.1 1993	Chloride	1.7	mg/L	1.0	02/25/24 02:39	
EPA 300.0 Rev 2.1 1993	Fluoride	0.051J	mg/L	0.10	02/25/24 02:39	
EPA 300.0 Rev 2.1 1993	Sulfate	91.9	mg/L	2.0	02/25/24 09:46	
92715006019	HAM-GWC-7					
EPA 6010D	Iron	37.1	mg/L	0.040	03/02/24 12:47	
EPA 6010D	Manganese	1.2	mg/L	0.040	03/02/24 12:47	
EPA 6010D	Potassium	2.2	mg/L	0.50	03/02/24 12:47	
EPA 6010D	Calcium	16.5	mg/L	1.0	03/02/24 12:47	
EPA 6010D	Magnesium	12.6	mg/L	0.050	03/02/24 12:47	
EPA 6010D	Sodium	6.1	mg/L	1.0	03/04/24 09:11	
EPA 6020B	Arsenic	0.0043J	mg/L	0.0050	03/01/24 15:43	
EPA 6020B	Barium	0.035	mg/L	0.0050	03/01/24 15:43	
EPA 6020B	Beryllium	0.00036J	mg/L	0.00050	03/01/24 15:43	
EPA 6020B	Boron	0.027J	mg/L	0.040	03/01/24 15:43	
EPA 6020B	Cobalt	0.030	mg/L	0.0050	03/01/24 15:43	
EPA 6020B	Nickel	0.13	mg/L	0.0050	03/01/24 15:43	
EPA 6020B	Zinc	0.27	mg/L	0.010	03/01/24 15:43	
SM 2540C-2015	Total Dissolved Solids	310	mg/L	25.0	02/28/24 11:58	
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	9.2	mg/L	5.0	02/29/24 14:40	
SM 2320B-2011	Alkalinity, Total as CaCO3	9.2	mg/L	5.0	02/29/24 14:40	
EPA 300.0 Rev 2.1 1993	Chloride	1.9	mg/L	1.0	02/25/24 02:54	
EPA 300.0 Rev 2.1 1993	Fluoride	0.14	mg/L	0.10	02/25/24 02:54	
EPA 300.0 Rev 2.1 1993	Sulfate	122	mg/L	3.0	02/25/24 10:01	
92715006020	HAM-HLF-GWC-8					
EPA 6010D	Iron	0.81	mg/L	0.040	03/02/24 12:49	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: Huffaker Road Landfill

Pace Project No.: 92715006

Lab Sample ID	Client Sample ID					
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92715006020	HAM-HLF-GWC-8					
EPA 6010D	Manganese	0.12	mg/L	0.040	03/02/24 12:49	
EPA 6010D	Potassium	0.68	mg/L	0.50	03/02/24 12:49	
EPA 6010D	Calcium	77.4	mg/L	1.0	03/02/24 12:49	
EPA 6010D	Magnesium	11.8	mg/L	0.050	03/02/24 12:49	
EPA 6010D	Sodium	9.9	mg/L	1.0	03/04/24 09:14	
EPA 6020B	Barium	0.11	mg/L	0.0050	03/01/24 15:46	
EPA 6020B	Boron	0.032J	mg/L	0.040	03/01/24 15:46	
EPA 6020B	Cobalt	0.00053J	mg/L	0.0050	03/01/24 15:46	
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO ₃)	223	mg/L	5.0	02/29/24 14:46	
SM 2320B-2011	Alkalinity, Total as CaCO ₃	223	mg/L	5.0	02/29/24 14:46	
EPA 300.0 Rev 2.1 1993	Chloride	2.0	mg/L	1.0	02/25/24 03:09	
EPA 300.0 Rev 2.1 1993	Fluoride	0.11	mg/L	0.10	02/25/24 03:09	
EPA 300.0 Rev 2.1 1993	Sulfate	48.3	mg/L	1.0	02/25/24 03:09	
92715006021	HAM-HLF-EB-02					
EPA 6020B	Copper	0.00083J	mg/L	0.0050	03/01/24 15:54	
SM 2540C-2015	Total Dissolved Solids	41.0	mg/L	25.0	02/28/24 11:58	
92715006022	HAM-HLF-FB-02					
SM 2540C-2015	Total Dissolved Solids	253	mg/L	25.0	02/28/24 11:58	
92715006023	HAM-HLF-FD-01					
EPA 6010D	Iron	39.2	mg/L	0.040	03/04/24 09:55	
EPA 6010D	Manganese	1.3	mg/L	0.040	03/04/24 09:55	
EPA 6010D	Potassium	2.4	mg/L	0.50	03/04/24 09:55	
EPA 6010D	Sodium	6.1	mg/L	1.0	03/04/24 09:55	
EPA 6010D	Calcium	17.3	mg/L	1.0	03/04/24 09:55	
EPA 6010D	Magnesium	13.3	mg/L	0.050	03/04/24 09:55	
EPA 6020B	Arsenic	0.0038J	mg/L	0.0050	03/01/24 16:01	
EPA 6020B	Barium	0.034	mg/L	0.0050	03/01/24 16:01	
EPA 6020B	Beryllium	0.00035J	mg/L	0.00050	03/01/24 16:01	
EPA 6020B	Boron	0.024J	mg/L	0.040	03/01/24 16:01	
EPA 6020B	Cobalt	0.032	mg/L	0.0050	03/01/24 16:01	
EPA 6020B	Nickel	0.13	mg/L	0.0050	03/01/24 16:01	
EPA 6020B	Zinc	0.26	mg/L	0.010	03/01/24 16:01	
SM 2540C-2015	Total Dissolved Solids	338	mg/L	25.0	02/28/24 11:59	
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO ₃)	9.7	mg/L	5.0	02/29/24 14:53	
SM 2320B-2011	Alkalinity, Total as CaCO ₃	9.7	mg/L	5.0	02/29/24 14:53	
EPA 300.0 Rev 2.1 1993	Chloride	1.9	mg/L	1.0	02/25/24 03:24	
EPA 300.0 Rev 2.1 1993	Fluoride	0.14	mg/L	0.10	02/25/24 03:24	
EPA 300.0 Rev 2.1 1993	Sulfate	121	mg/L	3.0	02/25/24 10:45	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92715006

Sample: HAM-GWA-1		Lab ID: 92715006001		Collected: 02/19/24 15:20		Received: 02/22/24 11:10		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA									
Iron	1.8	mg/L	0.040	0.025	1	02/28/24 18:17	03/02/24 09:53	7439-89-6	
Manganese	0.18	mg/L	0.040	0.011	1	02/28/24 18:17	03/02/24 09:53	7439-96-5	
Potassium	0.40J	mg/L	0.50	0.15	1	02/28/24 18:17	03/02/24 09:53	7440-09-7	
Sodium	4.8	mg/L	1.0	0.58	1	02/28/24 18:17	03/02/24 09:53	7440-23-5	
Calcium	17.9	mg/L	1.0	0.12	1	02/28/24 18:17	03/02/24 09:53	7440-70-2	
Magnesium	6.7	mg/L	0.050	0.012	1	02/28/24 18:17	03/02/24 09:53	7439-95-4	
6020 MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA									
Antimony	ND	mg/L	0.0030	0.00054	1	02/27/24 11:00	02/29/24 19:11	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.00084	1	02/27/24 11:00	02/29/24 19:11	7440-38-2	
Barium	0.040	mg/L	0.0050	0.00047	1	02/27/24 11:00	02/29/24 19:11	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000094	1	02/27/24 11:00	02/29/24 19:11	7440-41-7	
Boron	0.030J	mg/L	0.040	0.012	1	02/27/24 11:00	02/29/24 19:11	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/27/24 11:00	02/29/24 19:11	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0019	1	02/27/24 11:00	02/29/24 19:11	7440-47-3	
Cobalt	0.00050J	mg/L	0.0050	0.00032	1	02/27/24 11:00	02/29/24 19:11	7440-48-4	
Copper	ND	mg/L	0.0050	0.00043	1	02/27/24 11:00	02/29/24 19:11	7440-50-8	
Lead	ND	mg/L	0.0010	0.00016	1	02/27/24 11:00	02/29/24 19:11	7439-92-1	
Nickel	ND	mg/L	0.0050	0.0021	1	02/27/24 11:00	02/29/24 19:11	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00096	1	02/27/24 11:00	02/29/24 19:11	7782-49-2	
Silver	ND	mg/L	0.0050	0.00031	1	02/27/24 11:00	02/29/24 19:11	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00038	1	02/27/24 11:00	02/29/24 19:11	7440-28-0	
Vanadium	ND	mg/L	0.010	0.00075	1	02/27/24 11:00	02/29/24 19:11	7440-62-2	
Zinc	ND	mg/L	0.010	0.0024	1	02/27/24 11:00	02/29/24 19:11	7440-66-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	107	mg/L	25.0	25.0	1		02/26/24 14:44		
2320B Alkalinity									
Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville									
Alkalinity,Bicarbonate (CaCO3)	75.0	mg/L	5.0	5.0	1		02/27/24 14:30		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/27/24 14:30		
Alkalinity, Total as CaCO3	75.0	mg/L	5.0	5.0	1		02/27/24 14:30		
4500S2D Sulfide Water									
Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville									
Sulfide	ND	mg/L	0.10	0.022	1		02/24/24 03:29	18496-25-8	
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		02/24/24 20:27	16887-00-6	
Fluoride	0.074J	mg/L	0.10	0.050	1		02/24/24 20:27	16984-48-8	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92715006

Sample: HAM-GWA-1		Lab ID: 92715006001		Collected: 02/19/24 15:20		Received: 02/22/24 11:10		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville							
Sulfate	5.1	mg/L	1.0	0.50	1		02/24/24 20:27	14808-79-8	

REPORT OF LABORATORY ANALYSIS



ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92715006

Sample: HAM-GWA-2		Lab ID: 92715006002		Collected: 02/19/24 13:12		Received: 02/22/24 11:10		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA									
Iron	1.9	mg/L	0.040	0.025	1	02/28/24 18:17	03/02/24 09:55	7439-89-6	
Manganese	0.19	mg/L	0.040	0.011	1	02/28/24 18:17	03/02/24 09:55	7439-96-5	
Potassium	0.63	mg/L	0.50	0.15	1	02/28/24 18:17	03/02/24 09:55	7440-09-7	
Sodium	13.1	mg/L	1.0	0.58	1	02/28/24 18:17	03/02/24 09:55	7440-23-5	
Calcium	54.0	mg/L	1.0	0.12	1	02/28/24 18:17	03/02/24 09:55	7440-70-2	
Magnesium	20.3	mg/L	0.050	0.012	1	02/28/24 18:17	03/02/24 09:55	7439-95-4	
6020 MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA									
Antimony	ND	mg/L	0.0030	0.00054	1	02/27/24 11:00	02/29/24 19:15	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.00084	1	02/27/24 11:00	02/29/24 19:15	7440-38-2	
Barium	0.19	mg/L	0.0050	0.00047	1	02/27/24 11:00	02/29/24 19:15	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000094	1	02/27/24 11:00	02/29/24 19:15	7440-41-7	
Boron	0.083	mg/L	0.040	0.012	1	02/27/24 11:00	02/29/24 19:15	7440-42-8	BC
Cadmium	ND	mg/L	0.00050	0.00010	1	02/27/24 11:00	02/29/24 19:15	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0019	1	02/27/24 11:00	02/29/24 19:15	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00032	1	02/27/24 11:00	02/29/24 19:15	7440-48-4	
Copper	ND	mg/L	0.0050	0.00043	1	02/27/24 11:00	02/29/24 19:15	7440-50-8	
Lead	ND	mg/L	0.0010	0.00016	1	02/27/24 11:00	02/29/24 19:15	7439-92-1	
Nickel	ND	mg/L	0.0050	0.0021	1	02/27/24 11:00	02/29/24 19:15	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00096	1	02/27/24 11:00	02/29/24 19:15	7782-49-2	
Silver	ND	mg/L	0.0050	0.00031	1	02/27/24 11:00	02/29/24 19:15	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00038	1	02/27/24 11:00	02/29/24 19:15	7440-28-0	
Vanadium	ND	mg/L	0.010	0.00075	1	02/27/24 11:00	02/29/24 19:15	7440-62-2	
Zinc	ND	mg/L	0.010	0.0024	1	02/27/24 11:00	02/29/24 19:15	7440-66-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	370	mg/L	25.0	25.0	1		02/26/24 14:44		
2320B Alkalinity									
Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville									
Alkalinity,Bicarbonate (CaCO3)	222	mg/L	5.0	5.0	1		02/27/24 14:53		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/27/24 14:53		
Alkalinity, Total as CaCO3	222	mg/L	5.0	5.0	1		02/27/24 14:53		
4500S2D Sulfide Water									
Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville									
Sulfide	ND	mg/L	0.10	0.022	1		02/24/24 03:29	18496-25-8	
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville									
Chloride	2.3	mg/L	1.0	0.60	1		02/24/24 20:41	16887-00-6	
Fluoride	0.079J	mg/L	0.10	0.050	1		02/24/24 20:41	16984-48-8	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92715006

Sample: HAM-GWA-2		Lab ID: 92715006002		Collected: 02/19/24 13:12		Received: 02/22/24 11:10		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville							
Sulfate	23.7	mg/L	1.0	0.50	1		02/24/24 20:41	14808-79-8	

REPORT OF LABORATORY ANALYSIS



ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92715006

Sample: HAM-GWA-3		Lab ID: 92715006003		Collected: 02/19/24 12:42		Received: 02/22/24 11:10		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA									
Iron	0.82	mg/L	0.040	0.025	1	02/28/24 18:38	03/02/24 11:50	7439-89-6	
Manganese	0.42	mg/L	0.040	0.011	1	02/28/24 18:38	03/02/24 11:50	7439-96-5	
Potassium	0.63	mg/L	0.50	0.15	1	02/28/24 18:38	03/02/24 11:50	7440-09-7	
Sodium	18.9	mg/L	1.0	0.58	1	02/28/24 18:38	03/02/24 11:50	7440-23-5	M1
Calcium	59.0	mg/L	1.0	0.12	1	02/28/24 18:38	03/02/24 11:50	7440-70-2	M1
Magnesium	28.4	mg/L	0.050	0.012	1	02/28/24 18:38	03/02/24 11:50	7439-95-4	M1
6020 MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA									
Antimony	ND	mg/L	0.0030	0.00054	1	02/27/24 11:00	02/29/24 19:19	7440-36-0	
Arsenic	0.00093J	mg/L	0.0050	0.00084	1	02/27/24 11:00	02/29/24 19:19	7440-38-2	
Barium	0.083	mg/L	0.0050	0.00047	1	02/27/24 11:00	02/29/24 19:19	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000094	1	02/27/24 11:00	02/29/24 19:19	7440-41-7	
Boron	0.082	mg/L	0.040	0.012	1	02/27/24 11:00	02/29/24 19:19	7440-42-8	BC
Cadmium	ND	mg/L	0.00050	0.00010	1	02/27/24 11:00	02/29/24 19:19	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0019	1	02/27/24 11:00	02/29/24 19:19	7440-47-3	
Cobalt	0.00049J	mg/L	0.0050	0.00032	1	02/27/24 11:00	02/29/24 19:19	7440-48-4	
Copper	ND	mg/L	0.0050	0.00043	1	02/27/24 11:00	02/29/24 19:19	7440-50-8	
Lead	ND	mg/L	0.0010	0.00016	1	02/27/24 11:00	02/29/24 19:19	7439-92-1	
Nickel	ND	mg/L	0.0050	0.0021	1	02/27/24 11:00	02/29/24 19:19	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00096	1	02/27/24 11:00	02/29/24 19:19	7782-49-2	
Silver	ND	mg/L	0.0050	0.00031	1	02/27/24 11:00	02/29/24 19:19	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00038	1	02/27/24 11:00	02/29/24 19:19	7440-28-0	
Vanadium	ND	mg/L	0.010	0.00075	1	02/27/24 11:00	02/29/24 19:19	7440-62-2	
Zinc	0.0025J	mg/L	0.010	0.0024	1	02/27/24 11:00	02/29/24 19:19	7440-66-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	380	mg/L	25.0	25.0	1		02/26/24 14:44		
2320B Alkalinity									
Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville									
Alkalinity,Bicarbonate (CaCO3)	199	mg/L	5.0	5.0	1		02/27/24 15:16		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/27/24 15:16		
Alkalinity, Total as CaCO3	199	mg/L	5.0	5.0	1		02/27/24 15:16		
4500S2D Sulfide Water									
Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville									
Sulfide	ND	mg/L	0.10	0.022	1		02/24/24 03:34	18496-25-8	
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		02/24/24 20:56	16887-00-6	
Fluoride	0.081J	mg/L	0.10	0.050	1		02/24/24 20:56	16984-48-8	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92715006

Sample: HAM-GWA-3		Lab ID: 92715006003		Collected: 02/19/24 12:42		Received: 02/22/24 11:10		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville							
Sulfate	103	mg/L	2.0	1.0	2		02/25/24 08:47	14808-79-8	

REPORT OF LABORATORY ANALYSIS



ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92715006

Sample: HAM-GWA-4		Lab ID: 92715006004		Collected: 02/19/24 14:10		Received: 02/22/24 11:10		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA									
Iron	0.036J	mg/L	0.040	0.025	1	02/28/24 18:38	03/02/24 12:00	7439-89-6	
Manganese	0.085	mg/L	0.040	0.011	1	02/28/24 18:38	03/02/24 12:00	7439-96-5	
Potassium	1.7	mg/L	0.50	0.15	1	02/28/24 18:38	03/02/24 12:00	7440-09-7	
Sodium	12.6	mg/L	1.0	0.58	1	02/28/24 18:38	03/02/24 12:00	7440-23-5	
Calcium	81.3	mg/L	1.0	0.12	1	02/28/24 18:38	03/02/24 12:00	7440-70-2	
Magnesium	33.9	mg/L	0.050	0.012	1	02/28/24 18:38	03/02/24 12:00	7439-95-4	
6020 MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA									
Antimony	ND	mg/L	0.0030	0.00054	1	02/27/24 11:00	02/29/24 19:22	7440-36-0	
Arsenic	0.0018J	mg/L	0.0050	0.00084	1	02/27/24 11:00	02/29/24 19:22	7440-38-2	
Barium	0.051	mg/L	0.0050	0.00047	1	02/27/24 11:00	02/29/24 19:22	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000094	1	02/27/24 11:00	02/29/24 19:22	7440-41-7	
Boron	0.059	mg/L	0.040	0.012	1	02/27/24 11:00	02/29/24 19:22	7440-42-8	BC
Cadmium	ND	mg/L	0.00050	0.00010	1	02/27/24 11:00	02/29/24 19:22	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0019	1	02/27/24 11:00	02/29/24 19:22	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00032	1	02/27/24 11:00	02/29/24 19:22	7440-48-4	
Copper	ND	mg/L	0.0050	0.00043	1	02/27/24 11:00	02/29/24 19:22	7440-50-8	
Lead	ND	mg/L	0.0010	0.00016	1	02/27/24 11:00	02/29/24 19:22	7439-92-1	
Nickel	ND	mg/L	0.0050	0.0021	1	02/27/24 11:00	02/29/24 19:22	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00096	1	02/27/24 11:00	02/29/24 19:22	7782-49-2	
Silver	ND	mg/L	0.0050	0.00031	1	02/27/24 11:00	02/29/24 19:22	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00038	1	02/27/24 11:00	02/29/24 19:22	7440-28-0	
Vanadium	0.0012J	mg/L	0.010	0.00075	1	02/27/24 11:00	02/29/24 19:22	7440-62-2	
Zinc	ND	mg/L	0.010	0.0024	1	02/27/24 11:00	02/29/24 19:22	7440-66-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	433	mg/L	25.0	25.0	1		02/26/24 14:44		
2320B Alkalinity									
Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville									
Alkalinity,Bicarbonate (CaCO3)	219	mg/L	5.0	5.0	1		02/27/24 18:46		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/27/24 18:46		
Alkalinity, Total as CaCO3	219	mg/L	5.0	5.0	1		02/27/24 18:46		
4500S2D Sulfide Water									
Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville									
Sulfide	ND	mg/L	0.10	0.022	1		02/24/24 03:35	18496-25-8	
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville									
Chloride	3.6	mg/L	1.0	0.60	1		02/24/24 21:41	16887-00-6	
Fluoride	0.10	mg/L	0.10	0.050	1		02/24/24 21:41	16984-48-8	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92715006

Sample: HAM-GWA-4		Lab ID: 92715006004		Collected: 02/19/24 14:10		Received: 02/22/24 11:10		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville							
Sulfate	138	mg/L	3.0	1.5	3		02/25/24 09:02	14808-79-8	

REPORT OF LABORATORY ANALYSIS



ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92715006

Sample: HAM-GWA-11		Lab ID: 92715006005		Collected: 02/19/24 15:57		Received: 02/22/24 11:10		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA									
Iron	2.0	mg/L	0.040	0.025	1	02/28/24 18:38	03/02/24 12:02	7439-89-6	
Manganese	0.10	mg/L	0.040	0.011	1	02/28/24 18:38	03/02/24 12:02	7439-96-5	
Potassium	0.36J	mg/L	0.50	0.15	1	02/28/24 18:38	03/02/24 12:02	7440-09-7	
Sodium	8.1	mg/L	1.0	0.58	1	02/28/24 18:38	03/02/24 12:02	7440-23-5	
Calcium	21.4	mg/L	1.0	0.12	1	02/28/24 18:38	03/02/24 12:02	7440-70-2	
Magnesium	6.4	mg/L	0.050	0.012	1	02/28/24 18:38	03/02/24 12:02	7439-95-4	
6020 MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA									
Antimony	ND	mg/L	0.0030	0.00054	1	02/27/24 11:00	02/29/24 19:26	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.00084	1	02/27/24 11:00	02/29/24 19:26	7440-38-2	
Barium	0.031	mg/L	0.0050	0.00047	1	02/27/24 11:00	02/29/24 19:26	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000094	1	02/27/24 11:00	02/29/24 19:26	7440-41-7	
Boron	0.028J	mg/L	0.040	0.012	1	02/27/24 11:00	02/29/24 19:26	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/27/24 11:00	02/29/24 19:26	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0019	1	02/27/24 11:00	02/29/24 19:26	7440-47-3	
Cobalt	0.00063J	mg/L	0.0050	0.00032	1	02/27/24 11:00	02/29/24 19:26	7440-48-4	
Copper	ND	mg/L	0.0050	0.00043	1	02/27/24 11:00	02/29/24 19:26	7440-50-8	
Lead	ND	mg/L	0.0010	0.00016	1	02/27/24 11:00	02/29/24 19:26	7439-92-1	
Nickel	0.0022J	mg/L	0.0050	0.0021	1	02/27/24 11:00	02/29/24 19:26	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00096	1	02/27/24 11:00	02/29/24 19:26	7782-49-2	
Silver	ND	mg/L	0.0050	0.00031	1	02/27/24 11:00	02/29/24 19:26	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00038	1	02/27/24 11:00	02/29/24 19:26	7440-28-0	
Vanadium	ND	mg/L	0.010	0.00075	1	02/27/24 11:00	02/29/24 19:26	7440-62-2	
Zinc	ND	mg/L	0.010	0.0024	1	02/27/24 11:00	02/29/24 19:26	7440-66-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	193	mg/L	25.0	25.0	1		02/26/24 14:44		
2320B Alkalinity									
Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville									
Alkalinity,Bicarbonate (CaCO3)	84.6	mg/L	5.0	5.0	1		02/27/24 15:42		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/27/24 15:42		
Alkalinity, Total as CaCO3	84.6	mg/L	5.0	5.0	1		02/27/24 15:42		
4500S2D Sulfide Water									
Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville									
Sulfide	ND	mg/L	0.10	0.022	1		02/24/24 03:35	18496-25-8	
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		02/24/24 22:56	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/24/24 22:56	16984-48-8	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92715006

Sample: HAM-GWA-11		Lab ID: 92715006005		Collected: 02/19/24 15:57		Received: 02/22/24 11:10		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville							
Sulfate	9.9	mg/L	1.0	0.50	1		02/24/24 22:56	14808-79-8	

REPORT OF LABORATORY ANALYSIS



ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92715006

Sample: HAM-GWC-10		Lab ID: 92715006006		Collected: 02/19/24 17:39		Received: 02/22/24 11:10		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Peachtree Corners, GA									
Iron	1.0	mg/L	0.040	0.025	1	02/28/24 18:38	03/02/24 12:10	7439-89-6	
Manganese	0.10	mg/L	0.040	0.011	1	02/28/24 18:38	03/02/24 12:10	7439-96-5	
Potassium	0.45J	mg/L	0.50	0.15	1	02/28/24 18:38	03/02/24 12:10	7440-09-7	
Sodium	7.9	mg/L	1.0	0.58	1	02/28/24 18:38	03/02/24 12:10	7440-23-5	
Calcium	44.8	mg/L	1.0	0.12	1	02/28/24 18:38	03/02/24 12:10	7440-70-2	
Magnesium	10	mg/L	0.050	0.012	1	02/28/24 18:38	03/02/24 12:10	7439-95-4	
6020 MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3005A									
Pace Analytical Services - Peachtree Corners, GA									
Antimony	ND	mg/L	0.0030	0.00054	1	02/27/24 11:00	02/29/24 19:30	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.00084	1	02/27/24 11:00	02/29/24 19:30	7440-38-2	
Barium	0.14	mg/L	0.0050	0.00047	1	02/27/24 11:00	02/29/24 19:30	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000094	1	02/27/24 11:00	02/29/24 19:30	7440-41-7	
Boron	0.028J	mg/L	0.040	0.012	1	02/27/24 11:00	02/29/24 19:30	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/27/24 11:00	02/29/24 19:30	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0019	1	02/27/24 11:00	02/29/24 19:30	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00032	1	02/27/24 11:00	02/29/24 19:30	7440-48-4	
Copper	ND	mg/L	0.0050	0.00043	1	02/27/24 11:00	02/29/24 19:30	7440-50-8	
Lead	ND	mg/L	0.0010	0.00016	1	02/27/24 11:00	02/29/24 19:30	7439-92-1	
Nickel	ND	mg/L	0.0050	0.0021	1	02/27/24 11:00	02/29/24 19:30	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00096	1	02/27/24 11:00	02/29/24 19:30	7782-49-2	
Silver	ND	mg/L	0.0050	0.00031	1	02/27/24 11:00	02/29/24 19:30	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00038	1	02/27/24 11:00	02/29/24 19:30	7440-28-0	
Vanadium	ND	mg/L	0.010	0.00075	1	02/27/24 11:00	02/29/24 19:30	7440-62-2	
Zinc	ND	mg/L	0.010	0.0024	1	02/27/24 11:00	02/29/24 19:30	7440-66-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015									
Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	198	mg/L	25.0	25.0	1		02/26/24 14:45		
2320B Alkalinity									
Analytical Method: SM 2320B-2011									
Pace Analytical Services - Asheville									
Alkalinity,Bicarbonate (CaCO ₃)	166	mg/L	5.0	5.0	1		02/27/24 15:50		
Alkalinity,Carbonate (CaCO ₃)	ND	mg/L	5.0	5.0	1		02/27/24 15:50		
Alkalinity, Total as CaCO ₃	166	mg/L	5.0	5.0	1		02/27/24 15:50		
4500S2D Sulfide Water									
Analytical Method: SM 4500-S2D-2011									
Pace Analytical Services - Asheville									
Sulfide	ND	mg/L	0.10	0.022	1		02/24/24 03:35	18496-25-8	
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		02/24/24 23:11	16887-00-6	
Fluoride	0.074J	mg/L	0.10	0.050	1		02/24/24 23:11	16984-48-8	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill

Pace Project No.: 92715006

Sample: HAM-GWC-10		Lab ID: 92715006006		Collected: 02/19/24 17:39		Received: 02/22/24 11:10		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville							
Sulfate	10.8	mg/L	1.0	0.50	1		02/24/24 23:11	14808-79-8	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92715006

Sample: HAM-GWC-5		Lab ID: 92715006007		Collected: 02/20/24 17:27		Received: 02/22/24 11:10		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA									
Iron	1.0	mg/L	0.040	0.025	1	02/28/24 18:38	03/02/24 12:12	7439-89-6	
Manganese	0.21	mg/L	0.040	0.011	1	02/28/24 18:38	03/02/24 12:12	7439-96-5	
Potassium	0.77	mg/L	0.50	0.15	1	02/28/24 18:38	03/02/24 12:12	7440-09-7	
Sodium	13.6	mg/L	1.0	0.58	1	02/28/24 18:38	03/02/24 12:12	7440-23-5	
Calcium	78.7	mg/L	1.0	0.12	1	02/28/24 18:38	03/02/24 12:12	7440-70-2	
Magnesium	23.8	mg/L	0.050	0.012	1	02/28/24 18:38	03/02/24 12:12	7439-95-4	
6020 MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA									
Antimony	ND	mg/L	0.0030	0.00054	1	02/27/24 11:00	02/29/24 19:41	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.00084	1	02/27/24 11:00	02/29/24 19:41	7440-38-2	
Barium	0.070	mg/L	0.0050	0.00047	1	02/27/24 11:00	02/29/24 19:41	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000094	1	02/27/24 11:00	02/29/24 19:41	7440-41-7	
Boron	0.031J	mg/L	0.040	0.012	1	02/27/24 11:00	02/29/24 19:41	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/27/24 11:00	02/29/24 19:41	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0019	1	02/27/24 11:00	02/29/24 19:41	7440-47-3	
Cobalt	0.00035J	mg/L	0.0050	0.00032	1	02/27/24 11:00	02/29/24 19:41	7440-48-4	
Copper	ND	mg/L	0.0050	0.00043	1	02/27/24 11:00	02/29/24 19:41	7440-50-8	
Lead	ND	mg/L	0.0010	0.00016	1	02/27/24 11:00	02/29/24 19:41	7439-92-1	
Nickel	ND	mg/L	0.0050	0.0021	1	02/27/24 11:00	02/29/24 19:41	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00096	1	02/27/24 11:00	02/29/24 19:41	7782-49-2	
Silver	ND	mg/L	0.0050	0.00031	1	02/27/24 11:00	02/29/24 19:41	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00038	1	02/27/24 11:00	02/29/24 19:41	7440-28-0	
Vanadium	ND	mg/L	0.010	0.00075	1	02/27/24 11:00	02/29/24 19:41	7440-62-2	
Zinc	ND	mg/L	0.010	0.0024	1	02/27/24 11:00	02/29/24 19:41	7440-66-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	407	mg/L	25.0	25.0	1		02/26/24 17:51		
2320B Alkalinity									
Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville									
Alkalinity,Bicarbonate (CaCO3)	235	mg/L	5.0	5.0	1		02/28/24 10:31		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/28/24 10:31		
Alkalinity, Total as CaCO3	235	mg/L	5.0	5.0	1		02/28/24 10:31		
4500S2D Sulfide Water									
Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville									
Sulfide	ND	mg/L	0.10	0.022	1		02/24/24 03:46	18496-25-8	
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		02/24/24 23:25	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/24/24 23:25	16984-48-8	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92715006

Sample: HAM-GWC-5		Lab ID: 92715006007		Collected: 02/20/24 17:27		Received: 02/22/24 11:10		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville							
Sulfate	98.1	mg/L	1.0	0.50	1		02/24/24 23:25	14808-79-8	

REPORT OF LABORATORY ANALYSIS



ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92715006

Sample: HAM-GWC-9		Lab ID: 92715006008		Collected: 02/20/24 17:00		Received: 02/22/24 11:10		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA									
Iron	6.1	mg/L	0.040	0.025	1	02/28/24 18:38	03/02/24 12:15	7439-89-6	
Manganese	0.16	mg/L	0.040	0.011	1	02/28/24 18:38	03/02/24 12:15	7439-96-5	
Potassium	0.40J	mg/L	0.50	0.15	1	02/28/24 18:38	03/02/24 12:15	7440-09-7	
Sodium	6.9	mg/L	1.0	0.58	1	02/28/24 18:38	03/02/24 12:15	7440-23-5	
Calcium	38.9	mg/L	1.0	0.12	1	02/28/24 18:38	03/02/24 12:15	7440-70-2	
Magnesium	13.2	mg/L	0.050	0.012	1	02/28/24 18:38	03/02/24 12:15	7439-95-4	
6020 MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA									
Antimony	ND	mg/L	0.0030	0.00054	1	02/27/24 11:00	02/29/24 19:45	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.00084	1	02/27/24 11:00	02/29/24 19:45	7440-38-2	
Barium	0.073	mg/L	0.0050	0.00047	1	02/27/24 11:00	02/29/24 19:45	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000094	1	02/27/24 11:00	02/29/24 19:45	7440-41-7	
Boron	ND	mg/L	0.040	0.012	1	02/27/24 11:00	02/29/24 19:45	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/27/24 11:00	02/29/24 19:45	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0019	1	02/27/24 11:00	02/29/24 19:45	7440-47-3	
Cobalt	0.00033J	mg/L	0.0050	0.00032	1	02/27/24 11:00	02/29/24 19:45	7440-48-4	
Copper	ND	mg/L	0.0050	0.00043	1	02/27/24 11:00	02/29/24 19:45	7440-50-8	
Lead	ND	mg/L	0.0010	0.00016	1	02/27/24 11:00	02/29/24 19:45	7439-92-1	
Nickel	ND	mg/L	0.0050	0.0021	1	02/27/24 11:00	02/29/24 19:45	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00096	1	02/27/24 11:00	02/29/24 19:45	7782-49-2	
Silver	ND	mg/L	0.0050	0.00031	1	02/27/24 11:00	02/29/24 19:45	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00038	1	02/27/24 11:00	02/29/24 19:45	7440-28-0	
Vanadium	ND	mg/L	0.010	0.00075	1	02/27/24 11:00	02/29/24 19:45	7440-62-2	
Zinc	ND	mg/L	0.010	0.0024	1	02/27/24 11:00	02/29/24 19:45	7440-66-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	301	mg/L	25.0	25.0	1		02/26/24 17:52		
2320B Alkalinity									
Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville									
Alkalinity,Bicarbonate (CaCO3)	91.1	mg/L	5.0	5.0	1		02/27/24 20:33		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/27/24 20:33		
Alkalinity, Total as CaCO3	91.1	mg/L	5.0	5.0	1		02/27/24 20:33		
4500S2D Sulfide Water									
Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville									
Sulfide	ND	mg/L	0.10	0.022	1		02/24/24 03:47	18496-25-8	
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville									
Chloride	0.89J	mg/L	1.0	0.60	1		02/24/24 23:40	16887-00-6	
Fluoride	0.069J	mg/L	0.10	0.050	1		02/24/24 23:40	16984-48-8	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92715006

Sample: HAM-GWC-9		Lab ID: 92715006008		Collected: 02/20/24 17:00		Received: 02/22/24 11:10		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville							
Sulfate	78.2	mg/L	1.0	0.50	1		02/24/24 23:40	14808-79-8	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92715006

Sample: HAM-GWC-18 Lab ID: 92715006009 Collected: 02/20/24 10:34 Received: 02/22/24 11:10 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010D ATL ICP Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA									
Iron	ND	mg/L	0.040	0.025	1	02/28/24 18:38	03/02/24 12:17	7439-89-6	
Manganese	0.017J	mg/L	0.040	0.011	1	02/28/24 18:38	03/02/24 12:17	7439-96-5	
Potassium	0.57	mg/L	0.50	0.15	1	02/28/24 18:38	03/02/24 12:17	7440-09-7	
Sodium	11.5	mg/L	1.0	0.58	1	02/28/24 18:38	03/02/24 12:17	7440-23-5	
Calcium	42.4	mg/L	1.0	0.12	1	02/28/24 18:38	03/02/24 12:17	7440-70-2	
Magnesium	13.0	mg/L	0.050	0.012	1	02/28/24 18:38	03/02/24 12:17	7439-95-4	
6020 MET ICPMS Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA									
Antimony	ND	mg/L	0.0030	0.00054	1	02/27/24 11:00	02/29/24 19:48	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.00084	1	02/27/24 11:00	02/29/24 19:48	7440-38-2	
Barium	0.083	mg/L	0.0050	0.00047	1	02/27/24 11:00	02/29/24 19:48	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000094	1	02/27/24 11:00	02/29/24 19:48	7440-41-7	
Boron	0.12	mg/L	0.040	0.012	1	02/27/24 11:00	02/29/24 19:48	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/27/24 11:00	02/29/24 19:48	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0019	1	02/27/24 11:00	02/29/24 19:48	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00032	1	02/27/24 11:00	02/29/24 19:48	7440-48-4	
Copper	ND	mg/L	0.0050	0.00043	1	02/27/24 11:00	02/29/24 19:48	7440-50-8	
Lead	ND	mg/L	0.0010	0.00016	1	02/27/24 11:00	02/29/24 19:48	7439-92-1	
Nickel	ND	mg/L	0.0050	0.0021	1	02/27/24 11:00	02/29/24 19:48	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00096	1	02/27/24 11:00	02/29/24 19:48	7782-49-2	
Silver	ND	mg/L	0.0050	0.00031	1	02/27/24 11:00	02/29/24 19:48	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00038	1	02/27/24 11:00	02/29/24 19:48	7440-28-0	
Vanadium	ND	mg/L	0.010	0.00075	1	02/27/24 11:00	02/29/24 19:48	7440-62-2	
Zinc	ND	mg/L	0.010	0.0024	1	02/27/24 11:00	02/29/24 19:48	7440-66-6	
2540C Total Dissolved Solids Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	250	mg/L	25.0	25.0	1		02/26/24 17:52		
2320B Alkalinity Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville									
Alkalinity,Bicarbonate (CaCO3)	179	mg/L	5.0	5.0	1		02/27/24 20:41		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/27/24 20:41		
Alkalinity, Total as CaCO3	179	mg/L	5.0	5.0	1		02/27/24 20:41		
4500S2D Sulfide Water Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville									
Sulfide	ND	mg/L	0.10	0.022	1		02/24/24 03:48	18496-25-8	
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		02/24/24 23:55	16887-00-6	
Fluoride	0.11	mg/L	0.10	0.050	1		02/24/24 23:55	16984-48-8	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92715006

Sample: HAM-GWC-18		Lab ID: 92715006009		Collected: 02/20/24 10:34		Received: 02/22/24 11:10		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville							
Sulfate	9.1	mg/L	1.0	0.50	1		02/24/24 23:55	14808-79-8	

REPORT OF LABORATORY ANALYSIS



ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92715006

Sample: HAM-HLF-GWC-19 Lab ID: 92715006010 Collected: 02/20/24 11:54 Received: 02/22/24 11:10 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010D ATL ICP Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA									
Iron	0.37	mg/L	0.040	0.025	1	02/28/24 18:38	03/02/24 12:20	7439-89-6	
Manganese	0.060	mg/L	0.040	0.011	1	02/28/24 18:38	03/02/24 12:20	7439-96-5	
Potassium	0.36J	mg/L	0.50	0.15	1	02/28/24 18:38	03/02/24 12:20	7440-09-7	
Sodium	22.1	mg/L	1.0	0.58	1	02/28/24 18:38	03/02/24 12:20	7440-23-5	
Calcium	47.5	mg/L	1.0	0.12	1	02/28/24 18:38	03/02/24 12:20	7440-70-2	
Magnesium	11.5	mg/L	0.050	0.012	1	02/28/24 18:38	03/02/24 12:20	7439-95-4	
6020 MET ICPMS Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA									
Antimony	ND	mg/L	0.0030	0.00054	1	02/27/24 11:00	02/29/24 19:52	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.00084	1	02/27/24 11:00	02/29/24 19:52	7440-38-2	
Barium	0.15	mg/L	0.0050	0.00047	1	02/27/24 11:00	02/29/24 19:52	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000094	1	02/27/24 11:00	02/29/24 19:52	7440-41-7	
Boron	0.14	mg/L	0.040	0.012	1	02/27/24 11:00	02/29/24 19:52	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/27/24 11:00	02/29/24 19:52	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0019	1	02/27/24 11:00	02/29/24 19:52	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00032	1	02/27/24 11:00	02/29/24 19:52	7440-48-4	
Copper	ND	mg/L	0.0050	0.00043	1	02/27/24 11:00	02/29/24 19:52	7440-50-8	
Lead	ND	mg/L	0.0010	0.00016	1	02/27/24 11:00	02/29/24 19:52	7439-92-1	
Nickel	ND	mg/L	0.0050	0.0021	1	02/27/24 11:00	02/29/24 19:52	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00096	1	02/27/24 11:00	02/29/24 19:52	7782-49-2	
Silver	ND	mg/L	0.0050	0.00031	1	02/27/24 11:00	02/29/24 19:52	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00038	1	02/27/24 11:00	02/29/24 19:52	7440-28-0	
Vanadium	ND	mg/L	0.010	0.00075	1	02/27/24 11:00	02/29/24 19:52	7440-62-2	
Zinc	ND	mg/L	0.010	0.0024	1	02/27/24 11:00	02/29/24 19:52	7440-66-6	
2540C Total Dissolved Solids Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	306	mg/L	25.0	25.0	1		02/26/24 17:52		
2320B Alkalinity Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville									
Alkalinity,Bicarbonate (CaCO3)	200	mg/L	5.0	5.0	1		02/28/24 10:38		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/28/24 10:38		
Alkalinity, Total as CaCO3	200	mg/L	5.0	5.0	1		02/28/24 10:38		
4500S2D Sulfide Water Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville									
Sulfide	ND	mg/L	0.10	0.022	1		02/24/24 03:48	18496-25-8	
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		02/25/24 00:10	16887-00-6	
Fluoride	0.10	mg/L	0.10	0.050	1		02/25/24 00:10	16984-48-8	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92715006

Sample: HAM-HLF-GWC-19		Lab ID: 92715006010		Collected: 02/20/24 11:54		Received: 02/22/24 11:10		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville							
Sulfate	24.3	mg/L	1.0	0.50	1		02/25/24 00:10	14808-79-8	

REPORT OF LABORATORY ANALYSIS



ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92715006

Sample: HAM-GWC-20		Lab ID: 92715006011		Collected: 02/20/24 11:50		Received: 02/22/24 11:10		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA									
Iron	1.6	mg/L	0.040	0.025	1	02/28/24 18:38	03/02/24 12:22	7439-89-6	
Manganese	0.13	mg/L	0.040	0.011	1	02/28/24 18:38	03/02/24 12:22	7439-96-5	
Potassium	0.29J	mg/L	0.50	0.15	1	02/28/24 18:38	03/02/24 12:22	7440-09-7	
Sodium	4.8	mg/L	1.0	0.58	1	02/28/24 18:38	03/02/24 12:22	7440-23-5	
Calcium	67.1	mg/L	1.0	0.12	1	02/28/24 18:38	03/02/24 12:22	7440-70-2	
Magnesium	13.1	mg/L	0.050	0.012	1	02/28/24 18:38	03/02/24 12:22	7439-95-4	
6020 MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA									
Antimony	ND	mg/L	0.0030	0.00054	1	02/27/24 11:00	02/29/24 19:56	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.00084	1	02/27/24 11:00	02/29/24 19:56	7440-38-2	
Barium	0.15	mg/L	0.0050	0.00047	1	02/27/24 11:00	02/29/24 19:56	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000094	1	02/27/24 11:00	02/29/24 19:56	7440-41-7	
Boron	ND	mg/L	0.040	0.012	1	02/27/24 11:00	02/29/24 19:56	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/27/24 11:00	02/29/24 19:56	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0019	1	02/27/24 11:00	02/29/24 19:56	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00032	1	02/27/24 11:00	02/29/24 19:56	7440-48-4	
Copper	ND	mg/L	0.0050	0.00043	1	02/27/24 11:00	02/29/24 19:56	7440-50-8	
Lead	ND	mg/L	0.0010	0.00016	1	02/27/24 11:00	02/29/24 19:56	7439-92-1	
Nickel	ND	mg/L	0.0050	0.0021	1	02/27/24 11:00	02/29/24 19:56	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00096	1	02/27/24 11:00	02/29/24 19:56	7782-49-2	
Silver	ND	mg/L	0.0050	0.00031	1	02/27/24 11:00	02/29/24 19:56	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00038	1	02/27/24 11:00	02/29/24 19:56	7440-28-0	
Vanadium	ND	mg/L	0.010	0.00075	1	02/27/24 11:00	02/29/24 19:56	7440-62-2	
Zinc	ND	mg/L	0.010	0.0024	1	02/27/24 11:00	02/29/24 19:56	7440-66-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	369	mg/L	25.0	25.0	1		02/26/24 17:53		
2320B Alkalinity									
Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville									
Alkalinity,Bicarbonate (CaCO3)	163	mg/L	5.0	5.0	1		02/27/24 21:01		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/27/24 21:01		
Alkalinity, Total as CaCO3	163	mg/L	5.0	5.0	1		02/27/24 21:01		
4500S2D Sulfide Water									
Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville									
Sulfide	ND	mg/L	0.10	0.022	1		02/24/24 03:48	18496-25-8	
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		02/25/24 00:25	16887-00-6	
Fluoride	0.051J	mg/L	0.10	0.050	1		02/25/24 00:25	16984-48-8	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92715006

Sample: HAM-GWC-20		Lab ID: 92715006011		Collected: 02/20/24 11:50		Received: 02/22/24 11:10		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville							
Sulfate	71.0	mg/L	1.0	0.50	1		02/25/24 00:25	14808-79-8	

REPORT OF LABORATORY ANALYSIS



ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92715006

Sample: HAM-GWC-21		Lab ID: 92715006012		Collected: 02/20/24 14:37		Received: 02/22/24 11:10		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA									
Iron	0.35	mg/L	0.040	0.025	1	02/28/24 18:38	03/02/24 12:25	7439-89-6	
Manganese	0.18	mg/L	0.040	0.011	1	02/28/24 18:38	03/02/24 12:25	7439-96-5	
Potassium	0.52	mg/L	0.50	0.15	1	02/28/24 18:38	03/02/24 12:25	7440-09-7	
Sodium	4.7	mg/L	1.0	0.58	1	02/28/24 18:38	03/02/24 12:25	7440-23-5	
Calcium	22.5	mg/L	1.0	0.12	1	02/28/24 18:38	03/02/24 12:25	7440-70-2	
Magnesium	4.2	mg/L	0.050	0.012	1	02/28/24 18:38	03/02/24 12:25	7439-95-4	
6020 MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA									
Antimony	ND	mg/L	0.0030	0.00054	1	02/27/24 13:26	03/01/24 14:56	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.00084	1	02/27/24 13:26	03/01/24 14:56	7440-38-2	
Barium	0.052	mg/L	0.0050	0.00047	1	02/27/24 13:26	03/01/24 14:56	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000094	1	02/27/24 13:26	03/01/24 14:56	7440-41-7	
Boron	0.025J	mg/L	0.040	0.012	1	02/27/24 13:26	03/01/24 14:56	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/27/24 13:26	03/01/24 14:56	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0019	1	02/27/24 13:26	03/01/24 14:56	7440-47-3	
Cobalt	0.0029J	mg/L	0.0050	0.00032	1	02/27/24 13:26	03/01/24 14:56	7440-48-4	
Copper	0.00075J	mg/L	0.0050	0.00043	1	02/27/24 13:26	03/01/24 14:56	7440-50-8	
Lead	ND	mg/L	0.0010	0.00016	1	02/27/24 13:26	03/01/24 14:56	7439-92-1	
Nickel	0.0053	mg/L	0.0050	0.0021	1	02/27/24 13:26	03/01/24 14:56	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00096	1	02/27/24 13:26	03/01/24 14:56	7782-49-2	
Silver	ND	mg/L	0.0050	0.00031	1	02/27/24 13:26	03/01/24 14:56	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00038	1	02/27/24 13:26	03/01/24 14:56	7440-28-0	
Vanadium	ND	mg/L	0.010	0.00075	1	02/27/24 13:26	03/01/24 14:56	7440-62-2	
Zinc	0.0068J	mg/L	0.010	0.0024	1	02/27/24 13:26	03/01/24 14:56	7440-66-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	126	mg/L	25.0	25.0	1		02/26/24 17:53		
2320B Alkalinity									
Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville									
Alkalinity,Bicarbonate (CaCO3)	59.0	mg/L	5.0	5.0	1		02/27/24 21:11		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/27/24 21:11		
Alkalinity, Total as CaCO3	59.0	mg/L	5.0	5.0	1		02/27/24 21:11		
4500S2D Sulfide Water									
Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville									
Sulfide	ND	mg/L	0.10	0.022	1		02/24/24 03:49	18496-25-8	
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville									
Chloride	5.0	mg/L	1.0	0.60	1		02/25/24 00:40	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/25/24 00:40	16984-48-8	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92715006

Sample: HAM-GWC-21		Lab ID: 92715006012		Collected: 02/20/24 14:37		Received: 02/22/24 11:10		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville							
Sulfate	23.8	mg/L	1.0	0.50	1		02/25/24 00:40	14808-79-8	

REPORT OF LABORATORY ANALYSIS



ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92715006

Sample: HAM-GWC-22		Lab ID: 92715006013		Collected: 02/20/24 13:48		Received: 02/22/24 11:10		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA									
Iron	0.83	mg/L	0.040	0.025	1	02/28/24 18:38	03/02/24 12:27	7439-89-6	
Manganese	0.075	mg/L	0.040	0.011	1	02/28/24 18:38	03/02/24 12:27	7439-96-5	
Potassium	0.32J	mg/L	0.50	0.15	1	02/28/24 18:38	03/02/24 12:27	7440-09-7	
Sodium	9.9	mg/L	1.0	0.58	1	02/28/24 18:38	03/02/24 12:27	7440-23-5	
Calcium	46.8	mg/L	1.0	0.12	1	02/28/24 18:38	03/02/24 12:27	7440-70-2	
Magnesium	10.0	mg/L	0.050	0.012	1	02/28/24 18:38	03/02/24 12:27	7439-95-4	
6020 MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA									
Antimony	0.00070J	mg/L	0.0030	0.00054	1	02/27/24 13:26	03/01/24 15:11	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.00084	1	02/27/24 13:26	03/01/24 15:11	7440-38-2	
Barium	0.091	mg/L	0.0050	0.00047	1	02/27/24 13:26	03/01/24 15:11	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000094	1	02/27/24 13:26	03/01/24 15:11	7440-41-7	
Boron	0.066	mg/L	0.040	0.012	1	02/27/24 13:26	03/01/24 15:11	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/27/24 13:26	03/01/24 15:11	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0019	1	02/27/24 13:26	03/01/24 15:11	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00032	1	02/27/24 13:26	03/01/24 15:11	7440-48-4	
Copper	ND	mg/L	0.0050	0.00043	1	02/27/24 13:26	03/01/24 15:11	7440-50-8	
Lead	ND	mg/L	0.0010	0.00016	1	02/27/24 13:26	03/01/24 15:11	7439-92-1	
Nickel	ND	mg/L	0.0050	0.0021	1	02/27/24 13:26	03/01/24 15:11	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00096	1	02/27/24 13:26	03/01/24 15:11	7782-49-2	
Silver	ND	mg/L	0.0050	0.00031	1	02/27/24 13:26	03/01/24 15:11	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00038	1	02/27/24 13:26	03/01/24 15:11	7440-28-0	
Vanadium	ND	mg/L	0.010	0.00075	1	02/27/24 13:26	03/01/24 15:11	7440-62-2	
Zinc	ND	mg/L	0.010	0.0024	1	02/27/24 13:26	03/01/24 15:11	7440-66-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	220	mg/L	25.0	25.0	1		02/26/24 17:53		
2320B Alkalinity									
Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville									
Alkalinity,Bicarbonate (CaCO3)	179	mg/L	5.0	5.0	1		02/27/24 21:18		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/27/24 21:18		
Alkalinity, Total as CaCO3	179	mg/L	5.0	5.0	1		02/27/24 21:18		
4500S2D Sulfide Water									
Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville									
Sulfide	ND	mg/L	0.10	0.022	1		02/24/24 03:49	18496-25-8	
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		02/25/24 00:55	16887-00-6	
Fluoride	0.053J	mg/L	0.10	0.050	1		02/25/24 00:55	16984-48-8	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92715006

Sample: HAM-GWC-22		Lab ID: 92715006013		Collected: 02/20/24 13:48		Received: 02/22/24 11:10		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville							
Sulfate	7.3	mg/L	1.0	0.50	1		02/25/24 00:55	14808-79-8	

REPORT OF LABORATORY ANALYSIS



ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92715006

Sample: HAM-GWC-23		Lab ID: 92715006014		Collected: 02/20/24 15:30		Received: 02/22/24 11:10		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA									
Iron	0.55	mg/L	0.040	0.025	1	02/28/24 18:38	03/02/24 12:29	7439-89-6	
Manganese	0.023J	mg/L	0.040	0.011	1	02/28/24 18:38	03/02/24 12:29	7439-96-5	
Potassium	1.5	mg/L	0.50	0.15	1	02/28/24 18:38	03/02/24 12:29	7440-09-7	
Sodium	11.4	mg/L	1.0	0.58	1	02/28/24 18:38	03/02/24 12:29	7440-23-5	
Calcium	53.7	mg/L	1.0	0.12	1	02/28/24 18:38	03/02/24 12:29	7440-70-2	
Magnesium	8.8	mg/L	0.050	0.012	1	02/28/24 18:38	03/02/24 12:29	7439-95-4	
6020 MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA									
Antimony	ND	mg/L	0.0030	0.00054	1	02/27/24 13:26	03/01/24 15:14	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.00084	1	02/27/24 13:26	03/01/24 15:14	7440-38-2	
Barium	0.096	mg/L	0.0050	0.00047	1	02/27/24 13:26	03/01/24 15:14	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000094	1	02/27/24 13:26	03/01/24 15:14	7440-41-7	
Boron	0.048	mg/L	0.040	0.012	1	02/27/24 13:26	03/01/24 15:14	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/27/24 13:26	03/01/24 15:14	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0019	1	02/27/24 13:26	03/01/24 15:14	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00032	1	02/27/24 13:26	03/01/24 15:14	7440-48-4	
Copper	ND	mg/L	0.0050	0.00043	1	02/27/24 13:26	03/01/24 15:14	7440-50-8	
Lead	ND	mg/L	0.0010	0.00016	1	02/27/24 13:26	03/01/24 15:14	7439-92-1	
Nickel	ND	mg/L	0.0050	0.0021	1	02/27/24 13:26	03/01/24 15:14	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00096	1	02/27/24 13:26	03/01/24 15:14	7782-49-2	
Silver	ND	mg/L	0.0050	0.00031	1	02/27/24 13:26	03/01/24 15:14	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00038	1	02/27/24 13:26	03/01/24 15:14	7440-28-0	
Vanadium	ND	mg/L	0.010	0.00075	1	02/27/24 13:26	03/01/24 15:14	7440-62-2	
Zinc	ND	mg/L	0.010	0.0024	1	02/27/24 13:26	03/01/24 15:14	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		02/26/24 17:53		
2320B Alkalinity									
Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville									
Alkalinity,Bicarbonate (CaCO3)	181	mg/L	5.0	5.0	1		02/27/24 21:28		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/27/24 21:28		
Alkalinity, Total as CaCO3	181	mg/L	5.0	5.0	1		02/27/24 21:28		
4500S2D Sulfide Water									
Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville									
Sulfide	ND	mg/L	0.10	0.022	1		02/24/24 03:50	18496-25-8	
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville									
Chloride	0.98J	mg/L	1.0	0.60	1		02/25/24 01:10	16887-00-6	
Fluoride	0.084J	mg/L	0.10	0.050	1		02/25/24 01:10	16984-48-8	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92715006

Sample: HAM-GWC-23		Lab ID: 92715006014		Collected: 02/20/24 15:30		Received: 02/22/24 11:10		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville							
Sulfate	18.6	mg/L	1.0	0.50	1		02/25/24 01:10	14808-79-8	

REPORT OF LABORATORY ANALYSIS



ANALYTICAL RESULTS

Project: Huffaker Road Landfill

Pace Project No.: 92715006

Sample: HAM-HLF-EB-01		Lab ID: 92715006015		Collected: 02/20/24 17:50		Received: 02/22/24 11:10		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
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	02/28/24 18:38	03/02/24 12:31	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	0.00054	1	02/27/24 13:26	03/01/24 15:18	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.00084	1	02/27/24 13:26	03/01/24 15:18	7440-38-2	
Barium	ND	mg/L	0.0050	0.00047	1	02/27/24 13:26	03/01/24 15:18	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000094	1	02/27/24 13:26	03/01/24 15:18	7440-41-7	
Boron	ND	mg/L	0.040	0.012	1	02/27/24 13:26	03/01/24 15:18	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/27/24 13:26	03/01/24 15:18	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0019	1	02/27/24 13:26	03/01/24 15:18	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00032	1	02/27/24 13:26	03/01/24 15:18	7440-48-4	
Copper	ND	mg/L	0.0050	0.00043	1	02/27/24 13:26	03/01/24 15:18	7440-50-8	
Lead	ND	mg/L	0.0010	0.00016	1	02/27/24 13:26	03/01/24 15:18	7439-92-1	
Nickel	ND	mg/L	0.0050	0.0021	1	02/27/24 13:26	03/01/24 15:18	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00096	1	02/27/24 13:26	03/01/24 15:18	7782-49-2	
Silver	ND	mg/L	0.0050	0.00031	1	02/27/24 13:26	03/01/24 15:18	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00038	1	02/27/24 13:26	03/01/24 15:18	7440-28-0	
Vanadium	ND	mg/L	0.010	0.00075	1	02/27/24 13:26	03/01/24 15:18	7440-62-2	
Zinc	ND	mg/L	0.010	0.0024	1	02/27/24 13:26	03/01/24 15:18	7440-66-6	
2540C Total Dissolved Solids		Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA							
Total Dissolved Solids	148	mg/L	25.0	25.0	1		02/26/24 17:54		
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		02/24/24 14:58	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/24/24 14:58	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		02/24/24 14:58	14808-79-8	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92715006

Sample: HAM-HLF-FB-01		Lab ID: 92715006016		Collected: 02/20/24 17:55		Received: 02/22/24 11:10		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
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	02/28/24 18:38	03/02/24 12:39	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	0.00054	1	02/27/24 13:26	03/01/24 15:22	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.00084	1	02/27/24 13:26	03/01/24 15:22	7440-38-2	
Barium	ND	mg/L	0.0050	0.00047	1	02/27/24 13:26	03/01/24 15:22	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000094	1	02/27/24 13:26	03/01/24 15:22	7440-41-7	
Boron	ND	mg/L	0.040	0.012	1	02/27/24 13:26	03/01/24 15:22	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/27/24 13:26	03/01/24 15:22	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0019	1	02/27/24 13:26	03/01/24 15:22	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00032	1	02/27/24 13:26	03/01/24 15:22	7440-48-4	
Copper	ND	mg/L	0.0050	0.00043	1	02/27/24 13:26	03/01/24 15:22	7440-50-8	
Lead	ND	mg/L	0.0010	0.00016	1	02/27/24 13:26	03/01/24 15:22	7439-92-1	
Nickel	ND	mg/L	0.0050	0.0021	1	02/27/24 13:26	03/01/24 15:22	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00096	1	02/27/24 13:26	03/01/24 15:22	7782-49-2	
Silver	ND	mg/L	0.0050	0.00031	1	02/27/24 13:26	03/01/24 15:22	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00038	1	02/27/24 13:26	03/01/24 15:22	7440-28-0	
Vanadium	ND	mg/L	0.010	0.00075	1	02/27/24 13:26	03/01/24 15:22	7440-62-2	
Zinc	ND	mg/L	0.010	0.0024	1	02/27/24 13:26	03/01/24 15:22	7440-66-6	
2540C Total Dissolved Solids		Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA							
Total Dissolved Solids	213	mg/L	25.0	25.0	1		02/26/24 17:54		
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		02/24/24 15:13	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/24/24 15:13	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		02/24/24 15:13	14808-79-8	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92715006

Sample: HAM-HLF-FD-02		Lab ID: 92715006017		Collected: 02/20/24 00:00		Received: 02/22/24 11:10		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA									
Iron	0.37	mg/L	0.040	0.025	1	02/28/24 18:38	03/02/24 12:42	7439-89-6	
Manganese	0.062	mg/L	0.040	0.011	1	02/28/24 18:38	03/02/24 12:42	7439-96-5	
Potassium	0.41J	mg/L	0.50	0.15	1	02/28/24 18:38	03/02/24 12:42	7440-09-7	
Calcium	48.8	mg/L	1.0	0.12	1	02/28/24 18:38	03/02/24 12:42	7440-70-2	
Magnesium	11.9	mg/L	0.050	0.012	1	02/28/24 18:38	03/02/24 12:42	7439-95-4	
Sodium	24.4	mg/L	1.0	0.58	1	02/28/24 18:38	03/04/24 09:07	7440-23-5	
6020 MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA									
Antimony	ND	mg/L	0.0030	0.00054	1	02/27/24 13:26	03/01/24 15:35	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.00084	1	02/27/24 13:26	03/01/24 15:35	7440-38-2	
Barium	0.15	mg/L	0.0050	0.00047	1	02/27/24 13:26	03/01/24 15:35	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000094	1	02/27/24 13:26	03/01/24 15:35	7440-41-7	
Boron	0.14	mg/L	0.040	0.012	1	02/27/24 13:26	03/01/24 15:35	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/27/24 13:26	03/01/24 15:35	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0019	1	02/27/24 13:26	03/01/24 15:35	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00032	1	02/27/24 13:26	03/01/24 15:35	7440-48-4	
Copper	ND	mg/L	0.0050	0.00043	1	02/27/24 13:26	03/01/24 15:35	7440-50-8	
Lead	ND	mg/L	0.0010	0.00016	1	02/27/24 13:26	03/01/24 15:35	7439-92-1	
Nickel	ND	mg/L	0.0050	0.0021	1	02/27/24 13:26	03/01/24 15:35	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00096	1	02/27/24 13:26	03/01/24 15:35	7782-49-2	
Silver	ND	mg/L	0.0050	0.00031	1	02/27/24 13:26	03/01/24 15:35	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00038	1	02/27/24 13:26	03/01/24 15:35	7440-28-0	
Vanadium	ND	mg/L	0.010	0.00075	1	02/27/24 13:26	03/01/24 15:35	7440-62-2	
Zinc	ND	mg/L	0.010	0.0024	1	02/27/24 13:26	03/01/24 15:35	7440-66-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	290	mg/L	25.0	25.0	1		02/26/24 17:54		
2320B Alkalinity									
Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville									
Alkalinity,Bicarbonate (CaCO3)	206	mg/L	5.0	5.0	1		02/29/24 19:45		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/29/24 19:45		
Alkalinity, Total as CaCO3	206	mg/L	5.0	5.0	1		02/29/24 19:45		
4500S2D Sulfide Water									
Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville									
Sulfide	ND	mg/L	0.10	0.022	1		02/24/24 03:51	18496-25-8	
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville									
Chloride	1.4	mg/L	1.0	0.60	1		02/25/24 02:24	16887-00-6	
Fluoride	0.12	mg/L	0.10	0.050	1		02/25/24 02:24	16984-48-8	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92715006

Sample: HAM-HLF-FD-02		Lab ID: 92715006017		Collected: 02/20/24 00:00		Received: 02/22/24 11:10		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville							
Sulfate	24.8	mg/L	1.0	0.50	1		02/25/24 02:24	14808-79-8	

REPORT OF LABORATORY ANALYSIS



ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92715006

Sample: HAM-HLF-GWC-6 Lab ID: 92715006018 Collected: 02/21/24 12:35 Received: 02/22/24 11:10 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010D ATL ICP Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA									
Sodium	12.4	mg/L	1.0	0.58	1	02/28/24 18:38	03/04/24 09:09	7440-23-5	
Iron	2.4	mg/L	0.040	0.025	1	02/28/24 18:38	03/02/24 12:44	7439-89-6	
Manganese	0.071	mg/L	0.040	0.011	1	02/28/24 18:38	03/02/24 12:44	7439-96-5	
Potassium	0.50	mg/L	0.50	0.15	1	02/28/24 18:38	03/02/24 12:44	7440-09-7	
Calcium	66.7	mg/L	1.0	0.12	1	02/28/24 18:38	03/02/24 12:44	7440-70-2	
Magnesium	16.4	mg/L	0.050	0.012	1	02/28/24 18:38	03/02/24 12:44	7439-95-4	
6020 MET ICPMS Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA									
Antimony	ND	mg/L	0.0030	0.00054	1	02/27/24 13:26	03/01/24 15:39	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.00084	1	02/27/24 13:26	03/01/24 15:39	7440-38-2	
Barium	0.15	mg/L	0.0050	0.00047	1	02/27/24 13:26	03/01/24 15:39	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000094	1	02/27/24 13:26	03/01/24 15:39	7440-41-7	
Boron	0.040	mg/L	0.040	0.012	1	02/27/24 13:26	03/01/24 15:39	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/27/24 13:26	03/01/24 15:39	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0019	1	02/27/24 13:26	03/01/24 15:39	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00032	1	02/27/24 13:26	03/01/24 15:39	7440-48-4	
Copper	ND	mg/L	0.0050	0.00043	1	02/27/24 13:26	03/01/24 15:39	7440-50-8	
Lead	ND	mg/L	0.0010	0.00016	1	02/27/24 13:26	03/01/24 15:39	7439-92-1	
Nickel	ND	mg/L	0.0050	0.0021	1	02/27/24 13:26	03/01/24 15:39	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00096	1	02/27/24 13:26	03/01/24 15:39	7782-49-2	
Silver	ND	mg/L	0.0050	0.00031	1	02/27/24 13:26	03/01/24 15:39	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00038	1	02/27/24 13:26	03/01/24 15:39	7440-28-0	
Vanadium	ND	mg/L	0.010	0.00075	1	02/27/24 13:26	03/01/24 15:39	7440-62-2	
Zinc	ND	mg/L	0.010	0.0024	1	02/27/24 13:26	03/01/24 15:39	7440-66-6	
2540C Total Dissolved Solids Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	275	mg/L	25.0	25.0	1		02/28/24 11:57		
2320B Alkalinity Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville									
Alkalinity,Bicarbonate (CaCO3)	169	mg/L	5.0	5.0	1		02/29/24 14:23		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/29/24 14:23		
Alkalinity, Total as CaCO3	169	mg/L	5.0	5.0	1		02/29/24 14:23		
4500S2D Sulfide Water Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville									
Sulfide	ND	mg/L	0.10	0.022	1		02/24/24 03:58	18496-25-8	
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		02/25/24 02:39	16887-00-6	
Fluoride	0.051J	mg/L	0.10	0.050	1		02/25/24 02:39	16984-48-8	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92715006

Sample: HAM-HLF-GWC-6		Lab ID: 92715006018		Collected: 02/21/24 12:35		Received: 02/22/24 11:10		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville							
Sulfate	91.9	mg/L	2.0	1.0	2		02/25/24 09:46	14808-79-8	

REPORT OF LABORATORY ANALYSIS



ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92715006

Sample: HAM-GWC-7		Lab ID: 92715006019		Collected: 02/21/24 13:05		Received: 02/22/24 11:10		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA									
Iron	37.1	mg/L	0.040	0.025	1	02/28/24 18:38	03/02/24 12:47	7439-89-6	
Manganese	1.2	mg/L	0.040	0.011	1	02/28/24 18:38	03/02/24 12:47	7439-96-5	
Potassium	2.2	mg/L	0.50	0.15	1	02/28/24 18:38	03/02/24 12:47	7440-09-7	
Calcium	16.5	mg/L	1.0	0.12	1	02/28/24 18:38	03/02/24 12:47	7440-70-2	
Magnesium	12.6	mg/L	0.050	0.012	1	02/28/24 18:38	03/02/24 12:47	7439-95-4	
Sodium	6.1	mg/L	1.0	0.58	1	02/28/24 18:38	03/04/24 09:11	7440-23-5	
6020 MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA									
Antimony	ND	mg/L	0.0030	0.00054	1	02/27/24 13:26	03/01/24 15:43	7440-36-0	
Arsenic	0.0043J	mg/L	0.0050	0.00084	1	02/27/24 13:26	03/01/24 15:43	7440-38-2	
Barium	0.035	mg/L	0.0050	0.00047	1	02/27/24 13:26	03/01/24 15:43	7440-39-3	
Beryllium	0.00036J	mg/L	0.00050	0.000094	1	02/27/24 13:26	03/01/24 15:43	7440-41-7	
Boron	0.027J	mg/L	0.040	0.012	1	02/27/24 13:26	03/01/24 15:43	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/27/24 13:26	03/01/24 15:43	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0019	1	02/27/24 13:26	03/01/24 15:43	7440-47-3	
Cobalt	0.030	mg/L	0.0050	0.00032	1	02/27/24 13:26	03/01/24 15:43	7440-48-4	
Copper	ND	mg/L	0.0050	0.00043	1	02/27/24 13:26	03/01/24 15:43	7440-50-8	
Lead	ND	mg/L	0.0010	0.00016	1	02/27/24 13:26	03/01/24 15:43	7439-92-1	
Nickel	0.13	mg/L	0.0050	0.0021	1	02/27/24 13:26	03/01/24 15:43	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00096	1	02/27/24 13:26	03/01/24 15:43	7782-49-2	
Silver	ND	mg/L	0.0050	0.00031	1	02/27/24 13:26	03/01/24 15:43	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00038	1	02/27/24 13:26	03/01/24 15:43	7440-28-0	
Vanadium	ND	mg/L	0.010	0.00075	1	02/27/24 13:26	03/01/24 15:43	7440-62-2	
Zinc	0.27	mg/L	0.010	0.0024	1	02/27/24 13:26	03/01/24 15:43	7440-66-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	310	mg/L	25.0	25.0	1		02/28/24 11:58		
2320B Alkalinity									
Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville									
Alkalinity,Bicarbonate (CaCO3)	9.2	mg/L	5.0	5.0	1		02/29/24 14:40		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/29/24 14:40		
Alkalinity, Total as CaCO3	9.2	mg/L	5.0	5.0	1		02/29/24 14:40		
4500S2D Sulfide Water									
Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville									
Sulfide	ND	mg/L	0.10	0.022	1		02/24/24 03:58	18496-25-8	
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville									
Chloride	1.9	mg/L	1.0	0.60	1		02/25/24 02:54	16887-00-6	
Fluoride	0.14	mg/L	0.10	0.050	1		02/25/24 02:54	16984-48-8	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92715006

Sample: HAM-GWC-7		Lab ID: 92715006019		Collected: 02/21/24 13:05		Received: 02/22/24 11:10		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville							
Sulfate	122	mg/L	3.0	1.5	3		02/25/24 10:01	14808-79-8	

REPORT OF LABORATORY ANALYSIS



ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92715006

Sample: HAM-HLF-GWC-8 Lab ID: 92715006020 Collected: 02/21/24 11:15 Received: 02/22/24 11:10 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010D ATL ICP Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA									
Iron	0.81	mg/L	0.040	0.025	1	02/28/24 18:38	03/02/24 12:49	7439-89-6	
Manganese	0.12	mg/L	0.040	0.011	1	02/28/24 18:38	03/02/24 12:49	7439-96-5	
Potassium	0.68	mg/L	0.50	0.15	1	02/28/24 18:38	03/02/24 12:49	7440-09-7	
Calcium	77.4	mg/L	1.0	0.12	1	02/28/24 18:38	03/02/24 12:49	7440-70-2	
Magnesium	11.8	mg/L	0.050	0.012	1	02/28/24 18:38	03/02/24 12:49	7439-95-4	
Sodium	9.9	mg/L	1.0	0.58	1	02/28/24 18:38	03/04/24 09:14	7440-23-5	
6020 MET ICPMS Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA									
Antimony	ND	mg/L	0.0030	0.00054	1	02/27/24 13:26	03/01/24 15:46	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.00084	1	02/27/24 13:26	03/01/24 15:46	7440-38-2	
Barium	0.11	mg/L	0.0050	0.00047	1	02/27/24 13:26	03/01/24 15:46	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000094	1	02/27/24 13:26	03/01/24 15:46	7440-41-7	
Boron	0.032J	mg/L	0.040	0.012	1	02/27/24 13:26	03/01/24 15:46	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/27/24 13:26	03/01/24 15:46	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0019	1	02/27/24 13:26	03/01/24 15:46	7440-47-3	
Cobalt	0.00053J	mg/L	0.0050	0.00032	1	02/27/24 13:26	03/01/24 15:46	7440-48-4	
Copper	ND	mg/L	0.0050	0.00043	1	02/27/24 13:26	03/01/24 15:46	7440-50-8	
Lead	ND	mg/L	0.0010	0.00016	1	02/27/24 13:26	03/01/24 15:46	7439-92-1	
Nickel	ND	mg/L	0.0050	0.0021	1	02/27/24 13:26	03/01/24 15:46	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00096	1	02/27/24 13:26	03/01/24 15:46	7782-49-2	
Silver	ND	mg/L	0.0050	0.00031	1	02/27/24 13:26	03/01/24 15:46	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00038	1	02/27/24 13:26	03/01/24 15:46	7440-28-0	
Vanadium	ND	mg/L	0.010	0.00075	1	02/27/24 13:26	03/01/24 15:46	7440-62-2	
Zinc	ND	mg/L	0.010	0.0024	1	02/27/24 13:26	03/01/24 15:46	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		02/28/24 11:58		
2320B Alkalinity Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville									
Alkalinity,Bicarbonate (CaCO3)	223	mg/L	5.0	5.0	1		02/29/24 14:46		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/29/24 14:46		
Alkalinity, Total as CaCO3	223	mg/L	5.0	5.0	1		02/29/24 14:46		
4500S2D Sulfide Water Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville									
Sulfide	ND	mg/L	0.10	0.022	1		02/24/24 03:59	18496-25-8	
300.0 IC Anions 28 Days Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville									
Chloride	2.0	mg/L	1.0	0.60	1		02/25/24 03:09	16887-00-6	
Fluoride	0.11	mg/L	0.10	0.050	1		02/25/24 03:09	16984-48-8	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92715006

Sample: HAM-HLF-GWC-8		Lab ID: 92715006020		Collected: 02/21/24 11:15		Received: 02/22/24 11:10		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville							
Sulfate	48.3	mg/L	1.0	0.50	1		02/25/24 03:09	14808-79-8	

REPORT OF LABORATORY ANALYSIS



ANALYTICAL RESULTS

Project: Huffaker Road Landfill

Pace Project No.: 92715006

Sample: HAM-HLF-EB-02		Lab ID: 92715006021		Collected: 02/21/24 13:10		Received: 02/22/24 11:10		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
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	02/28/24 18:38	03/02/24 12:54	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	0.00054	1	02/27/24 13:26	03/01/24 15:54	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.00084	1	02/27/24 13:26	03/01/24 15:54	7440-38-2	
Barium	ND	mg/L	0.0050	0.00047	1	02/27/24 13:26	03/01/24 15:54	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000094	1	02/27/24 13:26	03/01/24 15:54	7440-41-7	
Boron	ND	mg/L	0.040	0.012	1	02/27/24 13:26	03/01/24 15:54	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/27/24 13:26	03/01/24 15:54	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0019	1	02/27/24 13:26	03/01/24 15:54	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00032	1	02/27/24 13:26	03/01/24 15:54	7440-48-4	
Copper	0.00083J	mg/L	0.0050	0.00043	1	02/27/24 13:26	03/01/24 15:54	7440-50-8	
Lead	ND	mg/L	0.0010	0.00016	1	02/27/24 13:26	03/01/24 15:54	7439-92-1	
Nickel	ND	mg/L	0.0050	0.0021	1	02/27/24 13:26	03/01/24 15:54	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00096	1	02/27/24 13:26	03/01/24 15:54	7782-49-2	
Silver	ND	mg/L	0.0050	0.00031	1	02/27/24 13:26	03/01/24 15:54	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00038	1	02/27/24 13:26	03/01/24 15:54	7440-28-0	
Vanadium	ND	mg/L	0.010	0.00075	1	02/27/24 13:26	03/01/24 15:54	7440-62-2	
Zinc	ND	mg/L	0.010	0.0024	1	02/27/24 13:26	03/01/24 15:54	7440-66-6	
2540C Total Dissolved Solids		Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA							
Total Dissolved Solids	41.0	mg/L	25.0	25.0	1		02/28/24 11:58		
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		02/24/24 15:28	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/24/24 15:28	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		02/24/24 15:28	14808-79-8	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92715006

Sample: HAM-HLF-FB-02		Lab ID: 92715006022		Collected: 02/21/24 13:05		Received: 02/22/24 11:10		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
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	02/28/24 18:38	03/02/24 12:57	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	0.00054	1	02/27/24 13:26	03/01/24 15:57	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.00084	1	02/27/24 13:26	03/01/24 15:57	7440-38-2	
Barium	ND	mg/L	0.0050	0.00047	1	02/27/24 13:26	03/01/24 15:57	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000094	1	02/27/24 13:26	03/01/24 15:57	7440-41-7	
Boron	ND	mg/L	0.040	0.012	1	02/27/24 13:26	03/01/24 15:57	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/27/24 13:26	03/01/24 15:57	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0019	1	02/27/24 13:26	03/01/24 15:57	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00032	1	02/27/24 13:26	03/01/24 15:57	7440-48-4	
Copper	ND	mg/L	0.0050	0.00043	1	02/27/24 13:26	03/01/24 15:57	7440-50-8	
Lead	ND	mg/L	0.0010	0.00016	1	02/27/24 13:26	03/01/24 15:57	7439-92-1	
Nickel	ND	mg/L	0.0050	0.0021	1	02/27/24 13:26	03/01/24 15:57	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00096	1	02/27/24 13:26	03/01/24 15:57	7782-49-2	
Silver	ND	mg/L	0.0050	0.00031	1	02/27/24 13:26	03/01/24 15:57	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00038	1	02/27/24 13:26	03/01/24 15:57	7440-28-0	
Vanadium	ND	mg/L	0.010	0.00075	1	02/27/24 13:26	03/01/24 15:57	7440-62-2	
Zinc	ND	mg/L	0.010	0.0024	1	02/27/24 13:26	03/01/24 15:57	7440-66-6	
2540C Total Dissolved Solids		Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA							
Total Dissolved Solids	253	mg/L	25.0	25.0	1		02/28/24 11:58		
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		02/24/24 15:43	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/24/24 15:43	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		02/24/24 15:43	14808-79-8	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92715006

Sample: HAM-HLF-FD-01		Lab ID: 92715006023		Collected: 02/21/24 00:00		Received: 02/22/24 11:10		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA									
Iron	39.2	mg/L	0.040	0.025	1	02/29/24 13:30	03/04/24 09:55	7439-89-6	
Manganese	1.3	mg/L	0.040	0.011	1	02/29/24 13:30	03/04/24 09:55	7439-96-5	
Potassium	2.4	mg/L	0.50	0.15	1	02/29/24 13:30	03/04/24 09:55	7440-09-7	
Sodium	6.1	mg/L	1.0	0.58	1	02/29/24 13:30	03/04/24 09:55	7440-23-5	
Calcium	17.3	mg/L	1.0	0.12	1	02/29/24 13:30	03/04/24 09:55	7440-70-2	
Magnesium	13.3	mg/L	0.050	0.012	1	02/29/24 13:30	03/04/24 09:55	7439-95-4	
6020 MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA									
Antimony	ND	mg/L	0.0030	0.00054	1	02/27/24 13:26	03/01/24 16:01	7440-36-0	
Arsenic	0.0038J	mg/L	0.0050	0.00084	1	02/27/24 13:26	03/01/24 16:01	7440-38-2	
Barium	0.034	mg/L	0.0050	0.00047	1	02/27/24 13:26	03/01/24 16:01	7440-39-3	
Beryllium	0.00035J	mg/L	0.00050	0.000094	1	02/27/24 13:26	03/01/24 16:01	7440-41-7	
Boron	0.024J	mg/L	0.040	0.012	1	02/27/24 13:26	03/01/24 16:01	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/27/24 13:26	03/01/24 16:01	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0019	1	02/27/24 13:26	03/01/24 16:01	7440-47-3	
Cobalt	0.032	mg/L	0.0050	0.00032	1	02/27/24 13:26	03/01/24 16:01	7440-48-4	
Copper	ND	mg/L	0.0050	0.00043	1	02/27/24 13:26	03/01/24 16:01	7440-50-8	
Lead	ND	mg/L	0.0010	0.00016	1	02/27/24 13:26	03/01/24 16:01	7439-92-1	
Nickel	0.13	mg/L	0.0050	0.0021	1	02/27/24 13:26	03/01/24 16:01	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00096	1	02/27/24 13:26	03/01/24 16:01	7782-49-2	
Silver	ND	mg/L	0.0050	0.00031	1	02/27/24 13:26	03/01/24 16:01	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00038	1	02/27/24 13:26	03/01/24 16:01	7440-28-0	
Vanadium	ND	mg/L	0.010	0.00075	1	02/27/24 13:26	03/01/24 16:01	7440-62-2	
Zinc	0.26	mg/L	0.010	0.0024	1	02/27/24 13:26	03/01/24 16:01	7440-66-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	338	mg/L	25.0	25.0	1		02/28/24 11:59		
2320B Alkalinity									
Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville									
Alkalinity,Bicarbonate (CaCO3)	9.7	mg/L	5.0	5.0	1		02/29/24 14:53		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/29/24 14:53		
Alkalinity, Total as CaCO3	9.7	mg/L	5.0	5.0	1		02/29/24 14:53		
4500S2D Sulfide Water									
Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville									
Sulfide	ND	mg/L	0.10	0.022	1		02/24/24 03:59	18496-25-8	
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville									
Chloride	1.9	mg/L	1.0	0.60	1		02/25/24 03:24	16887-00-6	
Fluoride	0.14	mg/L	0.10	0.050	1		02/25/24 03:24	16984-48-8	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill

Pace Project No.: 92715006

Sample: HAM-HLF-FD-01		Lab ID: 92715006023		Collected: 02/21/24 00:00		Received: 02/22/24 11:10		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville							
Sulfate	121	mg/L	3.0	1.5	3		02/25/24 10:45	14808-79-8	

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QUALITY CONTROL DATA

Project: Huffaker Road Landfill

Pace Project No.: 92715006

QC Batch: 835638

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010D ATL

Laboratory: Pace Analytical Services - Peachtree Corners, GA

Associated Lab Samples: 92715006001, 92715006002

METHOD BLANK: 4317188

Matrix: Water

Associated Lab Samples: 92715006001, 92715006002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Calcium	mg/L	ND	1.0	0.12	03/02/24 08:40	
Iron	mg/L	ND	0.040	0.025	03/02/24 08:40	
Magnesium	mg/L	ND	0.050	0.012	03/02/24 08:40	
Manganese	mg/L	ND	0.040	0.011	03/02/24 08:40	
Potassium	mg/L	ND	0.50	0.15	03/02/24 08:40	
Sodium	mg/L	ND	1.0	0.58	03/02/24 08:40	

LABORATORY CONTROL SAMPLE: 4317189

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Calcium	mg/L	1	0.99J	99	80-120	
Iron	mg/L	1	0.98	98	80-120	
Magnesium	mg/L	1	1.0	100	80-120	
Manganese	mg/L	1	0.95	95	80-120	
Potassium	mg/L	1	0.91	91	80-120	
Sodium	mg/L	1	0.97J	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4317190 4317191

Parameter	Units	92714723021 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Calcium	mg/L	2.2	1	1	3.2	3.2	100	101	75-125	0	20	
Iron	mg/L	0.69	1	1	1.7	1.7	101	102	75-125	1	20	
Magnesium	mg/L	1.0	1	1	2.0	2.1	100	104	75-125	2	20	
Manganese	mg/L	0.067	1	1	1.0	1.1	94	99	75-125	5	20	
Potassium	mg/L	2.2	1	1	3.1	3.2	97	106	75-125	3	20	
Sodium	mg/L	5.5	1	1	6.4	6.5	92	106	75-125	2	20	

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QUALITY CONTROL DATA

Project: Huffaker Road Landfill
Pace Project No.: 92715006

QC Batch: 835644 Analysis Method: EPA 6010D
QC Batch Method: EPA 3010A Analysis Description: 6010D ATL
Laboratory: Pace Analytical Services - Peachtree Corners, GA
Associated Lab Samples: 92715006003, 92715006004, 92715006005, 92715006006, 92715006007, 92715006008, 92715006009, 92715006010, 92715006011, 92715006012, 92715006013, 92715006014, 92715006015, 92715006016, 92715006017, 92715006018, 92715006019, 92715006020, 92715006021, 92715006022

METHOD BLANK: 4317265 Matrix: Water
Associated Lab Samples: 92715006003, 92715006004, 92715006005, 92715006006, 92715006007, 92715006008, 92715006009, 92715006010, 92715006011, 92715006012, 92715006013, 92715006014, 92715006015, 92715006016, 92715006017, 92715006018, 92715006019, 92715006020, 92715006021, 92715006022

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Calcium	mg/L	ND	1.0	0.12	03/02/24 11:45	
Iron	mg/L	ND	0.040	0.025	03/02/24 11:45	
Magnesium	mg/L	ND	0.050	0.012	03/02/24 11:45	
Manganese	mg/L	ND	0.040	0.011	03/02/24 11:45	
Potassium	mg/L	ND	0.50	0.15	03/02/24 11:45	
Sodium	mg/L	ND	1.0	0.58	03/02/24 11:45	

LABORATORY CONTROL SAMPLE: 4317266

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Calcium	mg/L	1	1.0	102	80-120	
Iron	mg/L	1	1.0	100	80-120	
Magnesium	mg/L	1	1.0	102	80-120	
Manganese	mg/L	1	0.97	97	80-120	
Potassium	mg/L	1	0.94	94	80-120	
Sodium	mg/L	1	1.0	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4317267 4317268

Parameter	Units	92715006003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Calcium	mg/L	59.0	1	1	60.2	62.1	120	309	75-125	3	20	M1
Iron	mg/L	0.82	1	1	1.8	1.8	98	100	75-125	1	20	
Magnesium	mg/L	28.4	1	1	29.8	30.5	141	214	75-125	2	20	M1
Manganese	mg/L	0.42	1	1	1.4	1.4	95	95	75-125	0	20	
Potassium	mg/L	0.63	1	1	1.7	1.7	104	105	75-125	0	20	
Sodium	mg/L	18.9	1	1	20.1	20.5	118	165	75-125	2	20	M1

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QUALITY CONTROL DATA

Project: Huffaker Road Landfill
Pace Project No.: 92715006

QC Batch:	835845	Analysis Method:	EPA 6010D
QC Batch Method:	EPA 3010A	Analysis Description:	6010D ATL
		Laboratory:	Pace Analytical Services - Peachtree Corners, GA

Associated Lab Samples: 92715006023

METHOD BLANK: 4318130 Matrix: Water

Associated Lab Samples: 92715006023

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Calcium	mg/L	ND	1.0	0.12	03/04/24 09:50	
Iron	mg/L	ND	0.040	0.025	03/04/24 09:50	
Magnesium	mg/L	ND	0.050	0.012	03/04/24 09:50	
Manganese	mg/L	ND	0.040	0.011	03/04/24 09:50	
Potassium	mg/L	ND	0.50	0.15	03/04/24 09:50	
Sodium	mg/L	ND	1.0	0.58	03/04/24 09:50	

LABORATORY CONTROL SAMPLE: 4318131

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Calcium	mg/L	1	1.0	104	80-120	
Iron	mg/L	1	1.0	104	80-120	
Magnesium	mg/L	1	1.1	108	80-120	
Manganese	mg/L	1	1.0	102	80-120	
Potassium	mg/L	1	1.1	106	80-120	
Sodium	mg/L	1	1.1	110	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4318132 4318133

Parameter	Units	92715026002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Calcium	mg/L	31.6	1	1	31.9	32.0	33	40	75-125	0	20	M1
Iron	mg/L	ND	1	1	1.0	1.0	103	103	75-125	0	20	
Magnesium	mg/L	27.1	1	1	27.7	28.0	60	89	75-125	1	20	M1
Manganese	mg/L	0.018J	1	1	1.0	1.0	101	100	75-125	2	20	
Potassium	mg/L	3.9	1	1	4.9	5.0	95	104	75-125	2	20	
Sodium	mg/L	16.9	1	1	17.7	18.0	87	111	75-125	1	20	

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QUALITY CONTROL DATA

Project: Huffaker Road Landfill
Pace Project No.: 92715006

QC Batch:	835189	Analysis Method:	EPA 6020B
QC Batch Method:	EPA 3005A	Analysis Description:	6020 MET
		Laboratory:	Pace Analytical Services - Peachtree Corners, GA

Associated Lab Samples: 92715006001, 92715006002, 92715006003, 92715006004, 92715006005, 92715006006, 92715006007, 92715006008, 92715006009, 92715006010, 92715006011

METHOD BLANK: 4314690 Matrix: Water

Associated Lab Samples: 92715006001, 92715006002, 92715006003, 92715006004, 92715006005, 92715006006, 92715006007, 92715006008, 92715006009, 92715006010, 92715006011

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	mg/L	ND	0.0030	0.00054	02/29/24 18:11	
Arsenic	mg/L	ND	0.0050	0.00084	02/29/24 18:11	
Barium	mg/L	ND	0.0050	0.00047	02/29/24 18:11	
Beryllium	mg/L	ND	0.00050	0.000094	02/29/24 18:11	
Boron	mg/L	ND	0.040	0.012	02/29/24 18:11	
Cadmium	mg/L	ND	0.00050	0.00010	02/29/24 18:11	
Chromium	mg/L	ND	0.0050	0.0019	02/29/24 18:11	
Cobalt	mg/L	ND	0.0050	0.00032	02/29/24 18:11	
Copper	mg/L	ND	0.0050	0.00043	02/29/24 18:11	
Lead	mg/L	ND	0.0010	0.00016	02/29/24 18:11	
Nickel	mg/L	ND	0.0050	0.0021	02/29/24 18:11	
Selenium	mg/L	ND	0.0050	0.00096	02/29/24 18:11	
Silver	mg/L	ND	0.0050	0.00031	02/29/24 18:11	
Thallium	mg/L	ND	0.0010	0.00038	02/29/24 18:11	
Vanadium	mg/L	ND	0.010	0.00075	02/29/24 18:11	
Zinc	mg/L	ND	0.010	0.0024	02/29/24 18:11	

LABORATORY CONTROL SAMPLE: 4314691

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	mg/L	0.1	0.11	107	80-120	
Arsenic	mg/L	0.1	0.10	102	80-120	
Barium	mg/L	0.1	0.10	102	80-120	
Beryllium	mg/L	0.1	0.10	103	80-120	
Boron	mg/L	1	0.96	96	80-120	
Cadmium	mg/L	0.1	0.10	103	80-120	
Chromium	mg/L	0.1	0.10	102	80-120	
Cobalt	mg/L	0.1	0.10	100	80-120	
Copper	mg/L	0.1	0.10	101	80-120	
Lead	mg/L	0.1	0.10	104	80-120	
Nickel	mg/L	0.1	0.10	101	80-120	
Selenium	mg/L	0.1	0.10	100	80-120	
Silver	mg/L	0.1	0.10	101	80-120	
Thallium	mg/L	0.1	0.10	103	80-120	
Vanadium	mg/L	0.1	0.10	101	80-120	
Zinc	mg/L	0.1	0.10	102	80-120	

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QUALITY CONTROL DATA

Project: Huffaker Road Landfill
Pace Project No.: 92715006

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4314692 4314693											
Parameter	Units	92714999001		MS		MSD		MS		MSD	
		Result	Conc.	Spike	Conc.	Result	Conc.	% Rec	% Rec	% Rec	Max
								Limits	RPD	RPD	Qual
Antimony	mg/L	ND	0.1	0.1	0.11	0.11	107	107	75-125	0	20
Arsenic	mg/L	0.0033J	0.1	0.1	0.11	0.11	108	109	75-125	1	20
Barium	mg/L	0.036	0.1	0.1	0.14	0.14	106	105	75-125	1	20
Beryllium	mg/L	ND	0.1	0.1	0.093	0.094	93	94	75-125	1	20
Boron	mg/L	2.3	1	1	3.3	3.3	91	98	75-125	2	20
Cadmium	mg/L	ND	0.1	0.1	0.10	0.10	102	102	75-125	1	20
Chromium	mg/L	ND	0.1	0.1	0.10	0.10	102	102	75-125	1	20
Cobalt	mg/L	0.014	0.1	0.1	0.11	0.11	101	101	75-125	0	20
Copper	mg/L	ND	0.1	0.1	0.096	0.097	96	96	75-125	0	20
Lead	mg/L	0.00020J	0.1	0.1	0.097	0.097	96	97	75-125	0	20
Nickel	mg/L	ND	0.1	0.1	0.10	0.10	99	99	75-125	1	20
Selenium	mg/L	ND	0.1	0.1	0.11	0.11	107	106	75-125	1	20
Silver	mg/L	ND	0.1	0.1	0.094	0.093	94	93	75-125	1	20
Thallium	mg/L	ND	0.1	0.1	0.098	0.098	98	98	75-125	0	20
Vanadium	mg/L	ND	0.1	0.1	0.11	0.11	106	107	75-125	1	20
Zinc	mg/L	ND	0.1	0.1	0.10	0.10	102	102	75-125	0	20

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QUALITY CONTROL DATA

Project: Huffaker Road Landfill
Pace Project No.: 92715006

QC Batch:	835235	Analysis Method:	EPA 6020B
QC Batch Method:	EPA 3005A	Analysis Description:	6020 MET
		Laboratory:	Pace Analytical Services - Peachtree Corners, GA

Associated Lab Samples: 92715006012, 92715006013, 92715006014, 92715006015, 92715006016, 92715006017, 92715006018, 92715006019, 92715006020, 92715006021, 92715006022, 92715006023

METHOD BLANK:	4314997	Matrix:	Water
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Associated Lab Samples: 92715006012, 92715006013, 92715006014, 92715006015, 92715006016, 92715006017, 92715006018, 92715006019, 92715006020, 92715006021, 92715006022, 92715006023

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	mg/L	ND	0.0030	0.00054	03/01/24 14:48	
Arsenic	mg/L	ND	0.0050	0.00084	03/01/24 14:48	
Barium	mg/L	ND	0.0050	0.00047	03/01/24 14:48	
Beryllium	mg/L	ND	0.00050	0.000094	03/01/24 14:48	
Boron	mg/L	ND	0.040	0.012	03/01/24 14:48	
Cadmium	mg/L	ND	0.00050	0.00010	03/01/24 14:48	
Chromium	mg/L	ND	0.0050	0.0019	03/01/24 14:48	
Cobalt	mg/L	ND	0.0050	0.00032	03/01/24 14:48	
Copper	mg/L	ND	0.0050	0.00043	03/01/24 14:48	
Lead	mg/L	ND	0.0010	0.00016	03/01/24 14:48	
Nickel	mg/L	ND	0.0050	0.0021	03/01/24 14:48	
Selenium	mg/L	ND	0.0050	0.00096	03/01/24 14:48	
Silver	mg/L	ND	0.0050	0.00031	03/01/24 14:48	
Thallium	mg/L	ND	0.0010	0.00038	03/01/24 14:48	
Vanadium	mg/L	0.00078J	0.010	0.00075	03/01/24 14:48	
Zinc	mg/L	ND	0.010	0.0024	03/01/24 14:48	

LABORATORY CONTROL SAMPLE: 4314998

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	mg/L	0.1	0.11	108	80-120	
Arsenic	mg/L	0.1	0.10	104	80-120	
Barium	mg/L	0.1	0.10	100	80-120	
Beryllium	mg/L	0.1	0.10	103	80-120	
Boron	mg/L	1	0.98	98	80-120	
Cadmium	mg/L	0.1	0.10	104	80-120	
Chromium	mg/L	0.1	0.10	105	80-120	
Cobalt	mg/L	0.1	0.10	103	80-120	
Copper	mg/L	0.1	0.10	104	80-120	
Lead	mg/L	0.1	0.10	105	80-120	
Nickel	mg/L	0.1	0.10	103	80-120	
Selenium	mg/L	0.1	0.10	100	80-120	
Silver	mg/L	0.1	0.11	106	80-120	
Thallium	mg/L	0.1	0.10	104	80-120	
Vanadium	mg/L	0.1	0.11	106	80-120	
Zinc	mg/L	0.1	0.10	104	80-120	

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QUALITY CONTROL DATA

Project: Huffaker Road Landfill
Pace Project No.: 92715006

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4314999 4315000												
Parameter	Units	92715006012	MS	MSD	MS	MSD	MS	MSD	% Rec	RPD	Max	Qual
		Result	Spike Conc.	Spike Conc.								
Antimony	mg/L	ND	0.1	0.1	0.11	0.10	108	104	75-125	3	20	
Arsenic	mg/L	ND	0.1	0.1	0.11	0.10	106	104	75-125	2	20	
Barium	mg/L	0.052	0.1	0.1	0.15	0.15	100	97	75-125	1	20	
Beryllium	mg/L	ND	0.1	0.1	0.10	0.098	100	98	75-125	3	20	
Boron	mg/L	0.025J	1	1	0.99	0.97	97	94	75-125	3	20	
Cadmium	mg/L	ND	0.1	0.1	0.10	0.10	104	102	75-125	2	20	
Chromium	mg/L	ND	0.1	0.1	0.10	0.10	103	100	75-125	3	20	
Cobalt	mg/L	0.0029J	0.1	0.1	0.10	0.10	101	99	75-125	2	20	
Copper	mg/L	0.00075J	0.1	0.1	0.10	0.10	101	100	75-125	1	20	
Lead	mg/L	ND	0.1	0.1	0.10	0.098	100	98	75-125	2	20	
Nickel	mg/L	0.0053	0.1	0.1	0.11	0.11	103	102	75-125	1	20	
Selenium	mg/L	ND	0.1	0.1	0.10	0.099	102	99	75-125	3	20	
Silver	mg/L	ND	0.1	0.1	0.10	0.099	101	99	75-125	2	20	
Thallium	mg/L	ND	0.1	0.1	0.10	0.097	99	97	75-125	2	20	
Vanadium	mg/L	ND	0.1	0.1	0.11	0.10	106	102	75-125	4	20	
Zinc	mg/L	0.0068J	0.1	0.1	0.11	0.11	102	102	75-125	0	20	

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QUALITY CONTROL DATA

Project: Huffaker Road Landfill
Pace Project No.: 92715006

QC Batch: 834938 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: 92715006001, 92715006002, 92715006003, 92715006004, 92715006005, 92715006006

METHOD BLANK: 4313586 Matrix: Water
Associated Lab Samples: 92715006001, 92715006002, 92715006003, 92715006004, 92715006005, 92715006006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	25.0	02/26/24 14:42	

LABORATORY CONTROL SAMPLE: 4313587

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	400	379	95	80-120	

SAMPLE DUPLICATE: 4313588

Parameter	Units	92714128003 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	73.0	80.0	9	10	

SAMPLE DUPLICATE: 4313589

Parameter	Units	92715006001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	107	103	4	10	

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QUALITY CONTROL DATA

Project: Huffaker Road Landfill
Pace Project No.: 92715006

QC Batch: 835037 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: 92715006007, 92715006008, 92715006009, 92715006010, 92715006011, 92715006012, 92715006013, 92715006014, 92715006015, 92715006016, 92715006017

METHOD BLANK: 4314052 Matrix: Water
Associated Lab Samples: 92715006007, 92715006008, 92715006009, 92715006010, 92715006011, 92715006012, 92715006013, 92715006014, 92715006015, 92715006016, 92715006017

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	25.0	02/26/24 17:48	

LABORATORY CONTROL SAMPLE: 4314053						
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	400	398	100	80-120	

SAMPLE DUPLICATE: 4314054						
Parameter	Units	92714723022 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	130	204	44	10	D6

SAMPLE DUPLICATE: 4314055						
Parameter	Units	92715006008 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	301	315	5	10	

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QUALITY CONTROL DATA

Project: Huffaker Road Landfill
Pace Project No.: 92715006

QC Batch: 835492 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: 92715006018, 92715006019, 92715006020, 92715006021, 92715006022, 92715006023

METHOD BLANK: 4316131 Matrix: Water
Associated Lab Samples: 92715006018, 92715006019, 92715006020, 92715006021, 92715006022, 92715006023

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	25.0	02/28/24 11:55	

LABORATORY CONTROL SAMPLE: 4316132

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	400	395	99	80-120	

SAMPLE DUPLICATE: 4316133

Parameter	Units	92714999004 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	1370	1380	0	10	

SAMPLE DUPLICATE: 4316134

Parameter	Units	92715026002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	309	323	4	10	

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QUALITY CONTROL DATA

Project: Huffaker Road Landfill
Pace Project No.: 92715006

QC Batch: 835154 Analysis Method: SM 2320B-2011
QC Batch Method: SM 2320B-2011 Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92715006001, 92715006002, 92715006003, 92715006004, 92715006005, 92715006006, 92715006007

METHOD BLANK: 4314543 Matrix: Water
Associated Lab Samples: 92715006001, 92715006002, 92715006003, 92715006004, 92715006005, 92715006006, 92715006007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO ₃	mg/L	ND	5.0	5.0	02/27/24 14:12	
Alkalinity,Bicarbonate (CaCO ₃)	mg/L	ND	5.0	5.0	02/27/24 14:12	
Alkalinity,Carbonate (CaCO ₃)	mg/L	ND	5.0	5.0	02/27/24 14:12	

LABORATORY CONTROL SAMPLE: 4314544

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO ₃	mg/L	50	51.4	103	80-120	

LABORATORY CONTROL SAMPLE: 4314545

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO ₃	mg/L	50	50.5	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4314546 4314547

Parameter	Units	92715006001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO ₃	mg/L	75.0	50	50	128	127	105	105	80-120	0	25	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4314548 4314549

Parameter	Units	92715006002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO ₃	mg/L	222	50	50	269	276	94	108	80-120	3	25	

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QUALITY CONTROL DATA

Project: Huffaker Road Landfill
Pace Project No.: 92715006

QC Batch: 835156 Analysis Method: SM 2320B-2011
QC Batch Method: SM 2320B-2011 Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92715006008, 92715006009, 92715006010, 92715006011, 92715006012, 92715006013, 92715006014

METHOD BLANK: 4314556 Matrix: Water
Associated Lab Samples: 92715006008, 92715006009, 92715006010, 92715006011, 92715006012, 92715006013, 92715006014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO ₃	mg/L	ND	5.0	5.0	02/27/24 19:22	
Alkalinity,Bicarbonate (CaCO ₃)	mg/L	ND	5.0	5.0	02/27/24 19:22	
Alkalinity,Carbonate (CaCO ₃)	mg/L	ND	5.0	5.0	02/27/24 19:22	

LABORATORY CONTROL SAMPLE: 4314557

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO ₃	mg/L	50	51.9	104	80-120	

LABORATORY CONTROL SAMPLE: 4314558

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO ₃	mg/L	50	50.4	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4314559 4314560

Parameter	Units	92713565020 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO ₃	mg/L	9.6	50	50	61.8	61.2	104	103	80-120	1	25	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4314561 4314562

Parameter	Units	92713565021 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO ₃	mg/L	56.1	50	50	105	108	98	105	80-120	3	25	

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QUALITY CONTROL DATA

Project: Huffaker Road Landfill
Pace Project No.: 92715006

QC Batch: 835303 Analysis Method: SM 2320B-2011
QC Batch Method: SM 2320B-2011 Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92715006018, 92715006019, 92715006020, 92715006023

METHOD BLANK: 4315450 Matrix: Water
Associated Lab Samples: 92715006018, 92715006019, 92715006020, 92715006023

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO ₃	mg/L	ND	5.0	5.0	02/29/24 13:34	
Alkalinity,Bicarbonate (CaCO ₃)	mg/L	ND	5.0	5.0	02/29/24 13:34	
Alkalinity,Carbonate (CaCO ₃)	mg/L	ND	5.0	5.0	02/29/24 13:34	

LABORATORY CONTROL SAMPLE: 4315451

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO ₃	mg/L	50	50.6	101	80-120	

LABORATORY CONTROL SAMPLE: 4315452

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO ₃	mg/L	50	52.5	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4315453 4315454

Parameter	Units	92714999007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO ₃	mg/L	ND	50	50	49.9	50.3	99	100	80-120	1	25	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4315455 4315456

Parameter	Units	92714999008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO ₃	mg/L	ND	50	50	49.9	50.6	100	101	80-120	1	25	

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QUALITY CONTROL DATA

Project: Huffaker Road Landfill
Pace Project No.: 92715006

QC Batch: 835849 Analysis Method: SM 2320B-2011
QC Batch Method: SM 2320B-2011 Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92715006017

METHOD BLANK: 4318153 Matrix: Water
Associated Lab Samples: 92715006017

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO ₃	mg/L	ND	5.0	5.0	02/29/24 17:02	
Alkalinity,Bicarbonate (CaCO ₃)	mg/L	ND	5.0	5.0	02/29/24 17:02	
Alkalinity,Carbonate (CaCO ₃)	mg/L	ND	5.0	5.0	02/29/24 17:02	

LABORATORY CONTROL SAMPLE: 4318154

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO ₃	mg/L	50	49.1	98	80-120	

LABORATORY CONTROL SAMPLE: 4318155

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO ₃	mg/L	50	50.1	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4318156 4318157

Parameter	Units	92715028003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO ₃	mg/L	178	50	50	226	226	95	96	80-120	0	25	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4318158 4318159

Parameter	Units	92715028004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO ₃	mg/L	152	50	50	199	198	95	92	80-120	1	25	

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QUALITY CONTROL DATA

Project: Huffaker Road Landfill
Pace Project No.: 92715006

QC Batch: 834777 Analysis Method: SM 4500-S2D-2011
QC Batch Method: SM 4500-S2D-2011 Analysis Description: 4500S2D Sulfide Water
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92715006001, 92715006002, 92715006003, 92715006004, 92715006005, 92715006006

METHOD BLANK: 4313100 Matrix: Water
Associated Lab Samples: 92715006001, 92715006002, 92715006003, 92715006004, 92715006005, 92715006006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Sulfide	mg/L	ND	0.10	0.022	02/24/24 03:24	

LABORATORY CONTROL SAMPLE: 4313101

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	0.5	0.52	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4313102 4313103

Parameter	Units	92713565020 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfide	mg/L	ND	0.5	0.5	0.47	0.47	93	94	80-120	1	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4313118 4313119

Parameter	Units	92714717002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfide	mg/L	ND	0.5	0.5	0.50	0.52	101	105	80-120	4	10	

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QUALITY CONTROL DATA

Project: Huffaker Road Landfill
Pace Project No.: 92715006

QC Batch: 834778 Analysis Method: SM 4500-S2D-2011
QC Batch Method: SM 4500-S2D-2011 Analysis Description: 4500S2D Sulfide Water
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92715006007, 92715006008, 92715006009, 92715006010, 92715006011, 92715006012, 92715006013, 92715006014, 92715006017

METHOD BLANK: 4313106 Matrix: Water
Associated Lab Samples: 92715006007, 92715006008, 92715006009, 92715006010, 92715006011, 92715006012, 92715006013, 92715006014, 92715006017

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Sulfide	mg/L	ND	0.10	0.022	02/24/24 03:42	

LABORATORY CONTROL SAMPLE: 4313107		Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
		Sulfide	mg/L	0.5	0.53	106	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4313108		4313109										
Parameter	Units	92714999002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfide	mg/L	ND	0.5	0.5	ND	ND	4	1	80-120		10	M1

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4313110		4313111										
Parameter	Units	92715006013 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfide	mg/L	ND	0.5	0.5	0.54	0.55	108	109	80-120	1	10	

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QUALITY CONTROL DATA

Project: Huffaker Road Landfill
Pace Project No.: 92715006

QC Batch: 834779 Analysis Method: SM 4500-S2D-2011
QC Batch Method: SM 4500-S2D-2011 Analysis Description: 4500S2D Sulfide Water
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92715006018, 92715006019, 92715006020, 92715006023

METHOD BLANK: 4313112 Matrix: Water
Associated Lab Samples: 92715006018, 92715006019, 92715006020, 92715006023

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Sulfide	mg/L	ND	0.10	0.022	02/24/24 03:55	

LABORATORY CONTROL SAMPLE: 4313113

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	0.5	0.52	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4313114 4313115

Parameter	Units	92714999008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfide	mg/L	ND	0.5	0.5	0.51	0.52	103	105	80-120	2	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4313116 4313117

Parameter	Units	92715135007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfide	mg/L	ND	0.5	0.5	0.58	0.60	116	120	80-120	3	10	

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QUALITY CONTROL DATA

Project: Huffaker Road Landfill

Pace Project No.: 92715006

QC Batch: 834798 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: 92715006001, 92715006002, 92715006003

METHOD BLANK: 4313142 Matrix: Water

Associated Lab Samples: 92715006001, 92715006002, 92715006003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	02/24/24 12:59	
Fluoride	mg/L	ND	0.10	0.050	02/24/24 12:59	
Sulfate	mg/L	ND	1.0	0.50	02/24/24 12:59	

LABORATORY CONTROL SAMPLE: 4313143

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	48.8	98	90-110	
Fluoride	mg/L	2.5	2.5	100	90-110	
Sulfate	mg/L	50	49.5	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4313144 4313145

Parameter	Units	92713565020 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	150	50	50	190	191	80	81	90-110	1	10	M1
Fluoride	mg/L	0.16	2.5	2.5	2.8	2.7	104	103	90-110	1	10	
Sulfate	mg/L	1060	50	50	1100	1100	85	89	90-110	0	10	M1

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4313146 4313147

Parameter	Units	92714999003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	96.0	50	50	136	135	79	79	90-110	0	10	M1
Fluoride	mg/L	0.57	2.5	2.5	3.1	3.2	102	105	90-110	2	10	
Sulfate	mg/L	758	50	50	787	780	58	45	90-110	1	10	M1

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QUALITY CONTROL DATA

Project: Huffaker Road Landfill
Pace Project No.: 92715006

QC Batch:	834799	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:	92715006004, 92715006005, 92715006006, 92715006007, 92715006008, 92715006009, 92715006010, 92715006011, 92715006012, 92715006013, 92715006014, 92715006015, 92715006016, 92715006017, 92715006018, 92715006019, 92715006020, 92715006021, 92715006022, 92715006023		

METHOD BLANK:	4313148	Matrix:	Water
Associated Lab Samples:	92715006004, 92715006005, 92715006006, 92715006007, 92715006008, 92715006009, 92715006010, 92715006011, 92715006012, 92715006013, 92715006014, 92715006015, 92715006016, 92715006017, 92715006018, 92715006019, 92715006020, 92715006021, 92715006022, 92715006023		

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	02/24/24 21:11	
Fluoride	mg/L	ND	0.10	0.050	02/24/24 21:11	
Sulfate	mg/L	ND	1.0	0.50	02/24/24 21:11	

LABORATORY CONTROL SAMPLE: 4313149						
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	48.9	98	90-110	
Fluoride	mg/L	2.5	2.5	99	90-110	
Sulfate	mg/L	50	50.3	101	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:												
4313150					4313151							
Parameter	Units	92715006004	MS	MSD	MS	MSD	MS	MSD	% Rec	RPD	Max	Qual
		Result	Spike Conc.	Spike Conc.								
Chloride	mg/L	3.6	50	50	52.8	53.1	98	99	90-110	1	10	
Fluoride	mg/L	0.10	2.5	2.5	2.6	2.7	101	103	90-110	2	10	
Sulfate	mg/L	138	50	50	184	184	91	91	90-110	0	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:												
4313152					4313153							
Parameter	Units	92715006014	MS	MSD	MS	MSD	MS	MSD	% Rec	RPD	Max	Qual
		Result	Spike Conc.	Spike Conc.								
Chloride	mg/L	0.98J	50	50	50.0	50.6	98	99	90-110	1	10	
Fluoride	mg/L	0.084J	2.5	2.5	2.7	2.7	104	105	90-110	1	10	
Sulfate	mg/L	18.6	50	50	69.3	69.7	101	102	90-110	1	10	

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QUALIFIERS

Project: Huffaker Road Landfill
Pace Project No.: 92715006

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

BC	The same analyte was detected in an associated blank at a concentration above 1/2 the reporting limit but below the laboratory reporting limit.
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.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Huffaker Road Landfill
Pace Project No.: 92715006

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92715006001	HAM-GWA-1	EPA 3010A	835638	EPA 6010D	835688
92715006002	HAM-GWA-2	EPA 3010A	835638	EPA 6010D	835688
92715006003	HAM-GWA-3	EPA 3010A	835644	EPA 6010D	835689
92715006004	HAM-GWA-4	EPA 3010A	835644	EPA 6010D	835689
92715006005	HAM-GWA-11	EPA 3010A	835644	EPA 6010D	835689
92715006006	HAM-GWC-10	EPA 3010A	835644	EPA 6010D	835689
92715006007	HAM-GWC-5	EPA 3010A	835644	EPA 6010D	835689
92715006008	HAM-GWC-9	EPA 3010A	835644	EPA 6010D	835689
92715006009	HAM-GWC-18	EPA 3010A	835644	EPA 6010D	835689
92715006010	HAM-HLF-GWC-19	EPA 3010A	835644	EPA 6010D	835689
92715006011	HAM-GWC-20	EPA 3010A	835644	EPA 6010D	835689
92715006012	HAM-GWC-21	EPA 3010A	835644	EPA 6010D	835689
92715006013	HAM-GWC-22	EPA 3010A	835644	EPA 6010D	835689
92715006014	HAM-GWC-23	EPA 3010A	835644	EPA 6010D	835689
92715006015	HAM-HLF-EB-01	EPA 3010A	835644	EPA 6010D	835689
92715006016	HAM-HLF-FB-01	EPA 3010A	835644	EPA 6010D	835689
92715006017	HAM-HLF-FD-02	EPA 3010A	835644	EPA 6010D	835689
92715006018	HAM-HLF-GWC-6	EPA 3010A	835644	EPA 6010D	835689
92715006019	HAM-GWC-7	EPA 3010A	835644	EPA 6010D	835689
92715006020	HAM-HLF-GWC-8	EPA 3010A	835644	EPA 6010D	835689
92715006021	HAM-HLF-EB-02	EPA 3010A	835644	EPA 6010D	835689
92715006022	HAM-HLF-FB-02	EPA 3010A	835644	EPA 6010D	835689
92715006023	HAM-HLF-FD-01	EPA 3010A	835845	EPA 6010D	835914
92715006001	HAM-GWA-1	EPA 3005A	835189	EPA 6020B	835295
92715006002	HAM-GWA-2	EPA 3005A	835189	EPA 6020B	835295
92715006003	HAM-GWA-3	EPA 3005A	835189	EPA 6020B	835295
92715006004	HAM-GWA-4	EPA 3005A	835189	EPA 6020B	835295
92715006005	HAM-GWA-11	EPA 3005A	835189	EPA 6020B	835295
92715006006	HAM-GWC-10	EPA 3005A	835189	EPA 6020B	835295
92715006007	HAM-GWC-5	EPA 3005A	835189	EPA 6020B	835295
92715006008	HAM-GWC-9	EPA 3005A	835189	EPA 6020B	835295
92715006009	HAM-GWC-18	EPA 3005A	835189	EPA 6020B	835295
92715006010	HAM-HLF-GWC-19	EPA 3005A	835189	EPA 6020B	835295
92715006011	HAM-GWC-20	EPA 3005A	835189	EPA 6020B	835295
92715006012	HAM-GWC-21	EPA 3005A	835235	EPA 6020B	835349
92715006013	HAM-GWC-22	EPA 3005A	835235	EPA 6020B	835349
92715006014	HAM-GWC-23	EPA 3005A	835235	EPA 6020B	835349
92715006015	HAM-HLF-EB-01	EPA 3005A	835235	EPA 6020B	835349
92715006016	HAM-HLF-FB-01	EPA 3005A	835235	EPA 6020B	835349
92715006017	HAM-HLF-FD-02	EPA 3005A	835235	EPA 6020B	835349
92715006018	HAM-HLF-GWC-6	EPA 3005A	835235	EPA 6020B	835349
92715006019	HAM-GWC-7	EPA 3005A	835235	EPA 6020B	835349
92715006020	HAM-HLF-GWC-8	EPA 3005A	835235	EPA 6020B	835349
92715006021	HAM-HLF-EB-02	EPA 3005A	835235	EPA 6020B	835349
92715006022	HAM-HLF-FB-02	EPA 3005A	835235	EPA 6020B	835349
92715006023	HAM-HLF-FD-01	EPA 3005A	835235	EPA 6020B	835349

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Huffaker Road Landfill

Pace Project No.: 92715006

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92715006001	HAM-GWA-1	SM 2540C-2015	834938		
92715006002	HAM-GWA-2	SM 2540C-2015	834938		
92715006003	HAM-GWA-3	SM 2540C-2015	834938		
92715006004	HAM-GWA-4	SM 2540C-2015	834938		
92715006005	HAM-GWA-11	SM 2540C-2015	834938		
92715006006	HAM-GWC-10	SM 2540C-2015	834938		
92715006007	HAM-GWC-5	SM 2540C-2015	835037		
92715006008	HAM-GWC-9	SM 2540C-2015	835037		
92715006009	HAM-GWC-18	SM 2540C-2015	835037		
92715006010	HAM-HLF-GWC-19	SM 2540C-2015	835037		
92715006011	HAM-GWC-20	SM 2540C-2015	835037		
92715006012	HAM-GWC-21	SM 2540C-2015	835037		
92715006013	HAM-GWC-22	SM 2540C-2015	835037		
92715006014	HAM-GWC-23	SM 2540C-2015	835037		
92715006015	HAM-HLF-EB-01	SM 2540C-2015	835037		
92715006016	HAM-HLF-FB-01	SM 2540C-2015	835037		
92715006017	HAM-HLF-FD-02	SM 2540C-2015	835037		
92715006018	HAM-HLF-GWC-6	SM 2540C-2015	835492		
92715006019	HAM-GWC-7	SM 2540C-2015	835492		
92715006020	HAM-HLF-GWC-8	SM 2540C-2015	835492		
92715006021	HAM-HLF-EB-02	SM 2540C-2015	835492		
92715006022	HAM-HLF-FB-02	SM 2540C-2015	835492		
92715006023	HAM-HLF-FD-01	SM 2540C-2015	835492		
92715006001	HAM-GWA-1	SM 2320B-2011	835154		
92715006002	HAM-GWA-2	SM 2320B-2011	835154		
92715006003	HAM-GWA-3	SM 2320B-2011	835154		
92715006004	HAM-GWA-4	SM 2320B-2011	835154		
92715006005	HAM-GWA-11	SM 2320B-2011	835154		
92715006006	HAM-GWC-10	SM 2320B-2011	835154		
92715006007	HAM-GWC-5	SM 2320B-2011	835154		
92715006008	HAM-GWC-9	SM 2320B-2011	835156		
92715006009	HAM-GWC-18	SM 2320B-2011	835156		
92715006010	HAM-HLF-GWC-19	SM 2320B-2011	835156		
92715006011	HAM-GWC-20	SM 2320B-2011	835156		
92715006012	HAM-GWC-21	SM 2320B-2011	835156		
92715006013	HAM-GWC-22	SM 2320B-2011	835156		
92715006014	HAM-GWC-23	SM 2320B-2011	835156		
92715006017	HAM-HLF-FD-02	SM 2320B-2011	835849		
92715006018	HAM-HLF-GWC-6	SM 2320B-2011	835303		
92715006019	HAM-GWC-7	SM 2320B-2011	835303		
92715006020	HAM-HLF-GWC-8	SM 2320B-2011	835303		
92715006023	HAM-HLF-FD-01	SM 2320B-2011	835303		
92715006001	HAM-GWA-1	SM 4500-S2D-2011	834777		
92715006002	HAM-GWA-2	SM 4500-S2D-2011	834777		
92715006003	HAM-GWA-3	SM 4500-S2D-2011	834777		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Huffaker Road Landfill

Pace Project No.: 92715006

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92715006004	HAM-GWA-4	SM 4500-S2D-2011	834777		
92715006005	HAM-GWA-11	SM 4500-S2D-2011	834777		
92715006006	HAM-GWC-10	SM 4500-S2D-2011	834777		
92715006007	HAM-GWC-5	SM 4500-S2D-2011	834778		
92715006008	HAM-GWC-9	SM 4500-S2D-2011	834778		
92715006009	HAM-GWC-18	SM 4500-S2D-2011	834778		
92715006010	HAM-HLF-GWC-19	SM 4500-S2D-2011	834778		
92715006011	HAM-GWC-20	SM 4500-S2D-2011	834778		
92715006012	HAM-GWC-21	SM 4500-S2D-2011	834778		
92715006013	HAM-GWC-22	SM 4500-S2D-2011	834778		
92715006014	HAM-GWC-23	SM 4500-S2D-2011	834778		
92715006017	HAM-HLF-FD-02	SM 4500-S2D-2011	834778		
92715006018	HAM-HLF-GWC-6	SM 4500-S2D-2011	834779		
92715006019	HAM-GWC-7	SM 4500-S2D-2011	834779		
92715006020	HAM-HLF-GWC-8	SM 4500-S2D-2011	834779		
92715006023	HAM-HLF-FD-01	SM 4500-S2D-2011	834779		
92715006001	HAM-GWA-1	EPA 300.0 Rev 2.1 1993	834798		
92715006002	HAM-GWA-2	EPA 300.0 Rev 2.1 1993	834798		
92715006003	HAM-GWA-3	EPA 300.0 Rev 2.1 1993	834798		
92715006004	HAM-GWA-4	EPA 300.0 Rev 2.1 1993	834799		
92715006005	HAM-GWA-11	EPA 300.0 Rev 2.1 1993	834799		
92715006006	HAM-GWC-10	EPA 300.0 Rev 2.1 1993	834799		
92715006007	HAM-GWC-5	EPA 300.0 Rev 2.1 1993	834799		
92715006008	HAM-GWC-9	EPA 300.0 Rev 2.1 1993	834799		
92715006009	HAM-GWC-18	EPA 300.0 Rev 2.1 1993	834799		
92715006010	HAM-HLF-GWC-19	EPA 300.0 Rev 2.1 1993	834799		
92715006011	HAM-GWC-20	EPA 300.0 Rev 2.1 1993	834799		
92715006012	HAM-GWC-21	EPA 300.0 Rev 2.1 1993	834799		
92715006013	HAM-GWC-22	EPA 300.0 Rev 2.1 1993	834799		
92715006014	HAM-GWC-23	EPA 300.0 Rev 2.1 1993	834799		
92715006015	HAM-HLF-EB-01	EPA 300.0 Rev 2.1 1993	834799		
92715006016	HAM-HLF-FB-01	EPA 300.0 Rev 2.1 1993	834799		
92715006017	HAM-HLF-FD-02	EPA 300.0 Rev 2.1 1993	834799		
92715006018	HAM-HLF-GWC-6	EPA 300.0 Rev 2.1 1993	834799		
92715006019	HAM-GWC-7	EPA 300.0 Rev 2.1 1993	834799		
92715006020	HAM-HLF-GWC-8	EPA 300.0 Rev 2.1 1993	834799		
92715006021	HAM-HLF-EB-02	EPA 300.0 Rev 2.1 1993	834799		
92715006022	HAM-HLF-FB-02	EPA 300.0 Rev 2.1 1993	834799		
92715006023	HAM-HLF-FD-01	EPA 300.0 Rev 2.1 1993	834799		

REPORT OF LABORATORY ANALYSIS

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DC#_Title: ENV-FRM-HUN1-0083 v03_Sample Condition Upon Receipt

Effective Date: 12/01/2023

Laboratory receiving samples:

Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐ Atlanta ☒ Kernersville ☐Sample Condition
Upon Receipt

Client Name:

Project #:

WO#: 92715006



92715006

Courier:

☐ Commercial☐ Fed Ex☐ UPS☐ USPS☐ Client☒ Pace☐ Other:

Custody Seal Present?

☒ Yes☐ No

Seals Intact?

☒ Yes☐ No☐ N/A

Date/Initials Person Examining Contents: 7/27/24 SM

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:

3.1

Correction Factor:

Add/Subtract (°C)

0.1

Temp should be above freezing to 6°C

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

Cooler Temp Corrected (°C):

3.2

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 ☐ NoDid 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 v03_Sample Condition Upon Receipt

Effective Date: 12/01/2023

WO#: 92715006

PM: BV

Due Date: 03/07/24

CLIENT: 92- GP-HAM

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

Project #

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

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)
1		2	1	1		✓	✓																					
2		2	1			✓	✓																					
3		2	1			✓	✓																					
4		2	1			✓	✓																					
5		2	1			✓	✓																					
6		2	1			✓	✓																					
7																												
8																												
9																												
10																												
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.

F-ALL-Q-020rev.07, 15-Feb-2007



DC#_Title: ENV-FRM-HUN1-0083 v03_Sample Condition Upon Receipt

Effective Date: 12/01/2023

Laboratory receiving samples:

Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐ Atlanta ☒ Knoxville ☐Sample Condition
Upon Receipt

Client Name:

Project #:

WO#: 92715006

PM: BV

Due Date: 03/07/24

CLIENT: 92- GP-HAM

Courier:

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

Custody Seal Present?

☒ Yes☐ No

Seals Intact?

☒ Yes☐ No☐ N/A

Date/Initials Person Examining Contents: 7/22/24 SM

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:

3.1

Correction Factor:

Add/Subtract (°C)

0.1

Temp should be above freezing to 6°C

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

Cooler Temp Corrected (°C):

3.2

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 ☐ NoDid 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 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: 2/22/24			
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 v03_Sample Condition Upon Receipt

Effective Date: 12/01/2023

Project #

WO#: 92715006

PM: BV

Due Date: 03/07/24

CLIENT: 92- GP-HAM

*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, L&H

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

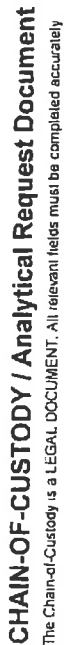
***Check all unpreserved Nitrates for chlorine

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)	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)
1		2	1																									
2		2	1																									
3		2	1																									
4		2	1																									
5		2	1																									
6		2	1																									
7		2	1																									
8		2	1																									
9		1	1																									
10		1	1																									
11		2	1																									
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.



CHAIN-OF-CUSTODY / Analytical Request Document

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

[illegible]



DC#_Title: ENV-FRM-HUN1-0083 v03_Sample Condition Upon Receipt

Effective Date: 12/01/2023

Laboratory receiving samples:

Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐ Atlanta ☒ Kernersville ☐Sample Condition
Upon Receipt

Client Name:

Project #:

WO#: 92715006

PM: BV

Due Date: 03/07/24

CLIENT: 92- GP-HAM

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client
☐ Commercial ☒ Pace ☐ Other:Custody Seal Present? ☒ Yes ☐ No Seals Intact? ☒ Yes ☐ No ☐ N/A

Date/Initials Person Examining Contents: 7/22/24 SM

Packing Material: ☒ Bubble Wrap ☐ Bubble Bags ☐ None ☐ Other

Biological Tissue Frozen?

☐ Yes ☐ No ☒ N/A

Thermometer:

☒ IR Gun ID: 230Type of Ice: ☒ Wet ☐ Blue ☐ None

Cooler Temp:

3.1

Correction Factor:

Add/Subtract (°C)

0.1

Temp should be above freezing to 6°C

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

Cooler Temp Corrected (°C):

3.2

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 ☐ NoDid 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 v03_Sample Condition Upon Receipt

Effective Date: 12/01/2023

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

Project #

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

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)
1		2	1			✓	✓																					
2		2	1			✓	✓																					
3		2	1			✓	✓																					
4		1	1			✓	✓																					
5		1	1			✓	✓																					
6		2	1			✓	✓																					
7																												
8																												
9																												
10																												
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.



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				Section B Required Project Information				Section C Invoice Information																																																																																															
Company		GA Power		Report To:		SCS Contacts		Attention		Southern Co.																																																																																													
Address		Atlanta, GA		Copy To:		Geosyntec Contacts		Company Name																																																																																															
Email To		SCS Contacts		Purchase Order No.				Address																																																																																															
Phone:		Fax:		Project Name		Huffaker Road Landfill		Pace Quote Reference:																																																																																															
Requested Due Date/TAT:		10 Day		Project Number				Major Project Manager		Bonnie Vang																																																																																													
								Pace Invoice #		10839																																																																																													
<div><div>Section D Required Client Information</div><div><div>Valid Matrix Codes</div><div><div>MATRIX CODE</div><div>DRINKING WATER</div><div>WASTE WATER</div><div>PRODUCT</div><div>SOILS/SOLID</div><div>OIL</div><div>WIPE</div><div>OTHER</div><div>TISSUE</div></div></div><div><div>SAMPLE ID</div><div>(A-Z, 0-9 / -)</div><div>Sample IDs MUST BE UNIQUE</div></div></div>												<div><div>Section E Requested Analyte Filtered (Y/N)</div><table><thead><tr><th>ANALYTE TEST</th><th>Y</th><th>N</th><th>CHLORIDE, FLUORIDE, SULFATE</th><th>Y</th><th>N</th><th>MAJOR IONS (Profile 10839-2)</th><th>Y</th><th>N</th><th>RESIDUAL CHLORINE (Y/N)</th></tr></thead><tbody><tr><td>Unpreserved</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>H₂SO₄</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>HCl</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>NaOH</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Na₂S₂O₃</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Methanol</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Other</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table></div>												ANALYTE TEST	Y	N	CHLORIDE, FLUORIDE, SULFATE	Y	N	MAJOR IONS (Profile 10839-2)	Y	N	RESIDUAL CHLORINE (Y/N)	Unpreserved										H ₂ SO ₄										HCl										NaOH										Na ₂ S ₂ O ₃										Methanol										Other									
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August 2024



August 26, 2024

Kristen Jurinko
Southern Company
241 Ralph McGill Blvd NE
Bin 10160
Atlanta, GA 30308

RE: Project: Huffaker Road Landfill
Pace Project No.: 92747047

Dear Kristen Jurinko:

Enclosed are the analytical results for sample(s) received by the laboratory between August 12, 2024 and August 14, 2024. 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 - Peachtree Corners, GA

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

Sincerely,

Bonnie Vang
bonnie.vang@pacelabs.com
704-977-0968
Project Manager

Enclosures

cc: Kip Gray, Geosyntec
Christine Hug, Geosyntec Consultants, Inc.
Thomas Kessler, Geosyntec Consultants
Whitney Law, Geosyntec Consultants
Laura Midkiff, Southern Company
Caroline Nelson, Geosyntec Consultants, Inc
Jamie Newsome, Geosyntec Consultants
Zain Webb, Geosyntec Consultants



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: Huffaker Road Landfill

Pace Project No.: 92747047

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

Virginia Certification #: 460204

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: Huffaker Road Landfill

Pace Project No.: 92747047

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92747047001	HAM-GWA-2	Water	08/10/24 15:51	08/12/24 12:10
92747047002	HAM-GWA-1	Water	08/11/24 11:24	08/12/24 12:10
92747047003	HAM-GWA-3	Water	08/11/24 11:53	08/12/24 12:10
92747047004	HAM-GWA-4	Water	08/11/24 10:54	08/12/24 12:10
92747047005	HAM-GWA-11	Water	08/11/24 11:21	08/12/24 12:10
92747047006	HAM-GWC-7	Water	08/11/24 13:13	08/12/24 12:10
92747047007	HAM-HLF-GWC-8	Water	08/11/24 14:55	08/12/24 12:10
92747047008	HAM-GWC-9	Water	08/11/24 16:31	08/12/24 12:10
92747047009	HAM-GWC-10	Water	08/11/24 14:29	08/12/24 12:10
92747047010	HAM-GWC-20	Water	08/11/24 15:53	08/12/24 12:10
92747047011	HAM-GWC-21	Water	08/11/24 14:51	08/12/24 12:10
92747047012	HAM-GWC-22	Water	08/11/24 13:18	08/12/24 12:10
92747047013	HAM-HLF-FD-01	Water	08/11/24 00:00	08/12/24 12:10
92747047014	HAM-HLF-FD-02	Water	08/11/24 00:00	08/12/24 12:10
92747047015	HAM-HLF-EB-01	Water	08/11/24 17:00	08/12/24 12:10
92747047016	HAM-HLF-FB-01	Water	08/11/24 16:55	08/12/24 12:10
92747047017	HAM-HLF-EB-02	Water	08/11/24 16:25	08/12/24 12:10
92747047018	HAM-HLF-FB-02	Water	08/11/24 16:30	08/12/24 12:10
92747047019	HAM-GWC-5	Water	08/12/24 10:17	08/14/24 14:40
92747047020	HAM-HLF-GWC-6	Water	08/12/24 11:40	08/14/24 14:40
92747047021	HAM-GWC-18	Water	08/12/24 12:14	08/14/24 14:40
92747047022	HAM-HLF-GWC-19	Water	08/12/24 11:07	08/14/24 14:40
92747047023	HAM-GWC-23	Water	08/12/24 10:18	08/14/24 14:40

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Huffaker Road Landfill

Pace Project No.: 92747047

Lab ID	Sample ID	Method	Analysts	Analytes Reported
92747047001	HAM-GWA-2	EPA 6010D	MJS2	1
		EPA 6020B	CW1	16
		SM 2540C-2015	DL1	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92747047002	HAM-GWA-1	EPA 6010D	MJS2	1
		EPA 6020B	CW1	16
		SM 2540C-2015	DL1	1
		EPA 300.0 Rev 2.1 1993	JCM	3
92747047003	HAM-GWA-3	EPA 6010D	MJS2	1
		EPA 6020B	CW1	16
		SM 2540C-2015	DL1	1
		EPA 300.0 Rev 2.1 1993	JCM	3
92747047004	HAM-GWA-4	EPA 6010D	MJS2	1
		EPA 6020B	CW1	16
		SM 2540C-2015	DL1	1
		EPA 300.0 Rev 2.1 1993	JCM	3
92747047005	HAM-GWA-11	EPA 6010D	MJS2	1
		EPA 6020B	CW1	16
		SM 2540C-2015	DL1	1
		EPA 300.0 Rev 2.1 1993	JCM	3
92747047006	HAM-GWC-7	EPA 6010D	MJS2	1
		EPA 6020B	CW1	16
		SM 2540C-2015	DL1	1
		EPA 300.0 Rev 2.1 1993	JCM	3
92747047007	HAM-HLF-GWC-8	EPA 6010D	MJS2	1
		EPA 6020B	CW1	16
		SM 2540C-2015	DL1	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92747047008	HAM-GWC-9	EPA 6010D	MJS2	1
		EPA 6020B	CW1	16
		SM 2540C-2015	DL1	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92747047009	HAM-GWC-10	EPA 6010D	MJS2	1
		EPA 6020B	CW1	16
		SM 2540C-2015	DL1	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92747047010	HAM-GWC-20	EPA 6010D	MJS2	1

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SAMPLE ANALYTE COUNT

Project: Huffaker Road Landfill
Pace Project No.: 92747047

Lab ID	Sample ID	Method	Analysts	Analytes Reported
92747047011	HAM-GWC-21	EPA 6020B	CW1	16
		SM 2540C-2015	DL1	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6010D	MJS2	1
		EPA 6020B	CW1	16
92747047012	HAM-GWC-22	SM 2540C-2015	DL1	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6010D	MJS2	1
		EPA 6020B	CW1	16
		SM 2540C-2015	DL1	1
92747047013	HAM-HLF-FD-01	EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6010D	MJS2	1
		EPA 6020B	CW1	16
		SM 2540C-2015	DL1	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92747047014	HAM-HLF-FD-02	EPA 6010D	MJS2	1
		EPA 6020B	CW1	16
		SM 2540C-2015	DL1	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6010D	MJS2	1
92747047015	HAM-HLF-EB-01	EPA 6020B	CW1	16
		SM 2540C-2015	DL1	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6010D	MJS2	1
		EPA 6020B	CW1	16
92747047016	HAM-HLF-FB-01	SM 2540C-2015	DL1	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6010D	MJS2	1
		EPA 6020B	CW1	16
		SM 2540C-2015	DL1	1
92747047017	HAM-HLF-EB-02	EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6010D	MJS2	1
		EPA 6020B	CW1	16
		SM 2540C-2015	DL1	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92747047018	HAM-HLF-FB-02	EPA 6010D	MJS2	1
		EPA 6020B	CW1	16
		SM 2540C-2015	DL1	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6010D	MJS2	1
92747047019	HAM-GWC-5	EPA 6020B	CW1	16
		EPA 6010D	MJS2	1
		EPA 300.0 Rev 2.1 1993	CDC	3

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SAMPLE ANALYTE COUNT

Project: Huffaker Road Landfill

Pace Project No.: 92747047

Lab ID	Sample ID	Method	Analysts	Analytes Reported
92747047020	HAM-HLF-GWC-6	SM 2540C-2015	DL1	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6010D	MJS2	1
		EPA 6020B	CW1	16
		SM 2540C-2015	DL1	1
92747047021	HAM-GWC-18	EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6010D	MJS2	1
		EPA 6020B	CW1	16
		SM 2540C-2015	DL1	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92747047022	HAM-HLF-GWC-19	EPA 6010D	MJS2	1
		EPA 6020B	CW1	16
		SM 2540C-2015	DL1	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6010D	MJS2	1
92747047023	HAM-GWC-23	EPA 6020B	CW1	16
		SM 2540C-2015	DL1	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6010D	MJS2	1
		EPA 6020B	CW1	16

PASI-A = Pace Analytical Services - Asheville

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.: 92747047

Lab Sample ID	Client Sample ID					
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92747047001	HAM-GWA-2					
EPA 6010D	Calcium	59.2	mg/L	1.0	08/22/24 14:25	M1
EPA 6020B	Barium	0.18	mg/L	0.0050	08/19/24 17:25	
EPA 6020B	Boron	0.072	mg/L	0.040	08/19/24 17:25	
SM 2540C-2015	Total Dissolved Solids	287	mg/L	25.0	08/15/24 10:37	
EPA 300.0 Rev 2.1 1993	Chloride	2.6	mg/L	1.0	08/14/24 22:02	
EPA 300.0 Rev 2.1 1993	Fluoride	0.071J	mg/L	0.10	08/14/24 22:02	
EPA 300.0 Rev 2.1 1993	Sulfate	33.1	mg/L	1.0	08/14/24 22:02	
92747047002	HAM-GWA-1					
EPA 6010D	Calcium	19.3	mg/L	1.0	08/22/24 14:38	
EPA 6020B	Barium	0.038	mg/L	0.0050	08/19/24 17:29	
EPA 6020B	Cobalt	0.00043J	mg/L	0.0050	08/19/24 17:29	
SM 2540C-2015	Total Dissolved Solids	162	mg/L	25.0	08/15/24 10:37	
EPA 300.0 Rev 2.1 1993	Chloride	1.1	mg/L	1.0	08/14/24 12:57	
EPA 300.0 Rev 2.1 1993	Fluoride	0.12	mg/L	0.10	08/14/24 12:57	
EPA 300.0 Rev 2.1 1993	Sulfate	3.9	mg/L	1.0	08/14/24 12:57	
92747047003	HAM-GWA-3					
EPA 6010D	Calcium	69.4	mg/L	1.0	08/22/24 14:41	
EPA 6020B	Barium	0.084	mg/L	0.0050	08/19/24 17:33	
EPA 6020B	Boron	0.13	mg/L	0.040	08/19/24 17:33	
EPA 6020B	Cobalt	0.00035J	mg/L	0.0050	08/19/24 17:33	
EPA 6020B	Zinc	0.0026J	mg/L	0.010	08/19/24 17:33	
SM 2540C-2015	Total Dissolved Solids	419	mg/L	25.0	08/15/24 10:38	
EPA 300.0 Rev 2.1 1993	Chloride	1.5	mg/L	1.0	08/14/24 13:54	
EPA 300.0 Rev 2.1 1993	Fluoride	0.15	mg/L	0.10	08/14/24 13:54	
EPA 300.0 Rev 2.1 1993	Sulfate	87.2	mg/L	1.0	08/14/24 13:54	
92747047004	HAM-GWA-4					
EPA 6010D	Calcium	83.0	mg/L	1.0	08/22/24 14:45	
EPA 6020B	Barium	0.040	mg/L	0.0050	08/19/24 17:36	
EPA 6020B	Boron	0.074	mg/L	0.040	08/19/24 17:36	
SM 2540C-2015	Total Dissolved Solids	456	mg/L	25.0	08/15/24 10:38	
EPA 300.0 Rev 2.1 1993	Chloride	3.6	mg/L	1.0	08/14/24 14:08	
EPA 300.0 Rev 2.1 1993	Fluoride	0.14	mg/L	0.10	08/14/24 14:08	
EPA 300.0 Rev 2.1 1993	Sulfate	116	mg/L	3.0	08/14/24 21:58	
92747047005	HAM-GWA-11					
EPA 6010D	Calcium	20.8	mg/L	1.0	08/22/24 14:58	
EPA 6020B	Arsenic	0.0010J	mg/L	0.0050	08/19/24 14:16	
EPA 6020B	Barium	0.031	mg/L	0.0050	08/19/24 14:16	
EPA 6020B	Boron	0.045	mg/L	0.040	08/19/24 14:16	
EPA 6020B	Cobalt	0.00056J	mg/L	0.0050	08/19/24 14:16	
SM 2540C-2015	Total Dissolved Solids	145	mg/L	25.0	08/15/24 10:38	
EPA 300.0 Rev 2.1 1993	Chloride	1.3	mg/L	1.0	08/14/24 14:23	
EPA 300.0 Rev 2.1 1993	Fluoride	0.10	mg/L	0.10	08/14/24 14:23	
EPA 300.0 Rev 2.1 1993	Sulfate	9.3	mg/L	1.0	08/14/24 14:23	

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SUMMARY OF DETECTION

Project: Huffaker Road Landfill

Pace Project No.: 92747047

Lab Sample ID	Client Sample ID					
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92747047006	HAM-GWC-7					
EPA 6010D	Calcium	19.7	mg/L	1.0	08/22/24 15:01	
EPA 6020B	Antimony	0.0019J	mg/L	0.0030	08/19/24 14:33	
EPA 6020B	Arsenic	0.0085	mg/L	0.0050	08/19/24 14:33	
EPA 6020B	Barium	0.045	mg/L	0.0050	08/19/24 14:33	
EPA 6020B	Beryllium	0.00013J	mg/L	0.00050	08/19/24 14:33	
EPA 6020B	Boron	0.035J	mg/L	0.040	08/19/24 14:33	
EPA 6020B	Cobalt	0.016	mg/L	0.0050	08/19/24 14:33	
EPA 6020B	Nickel	0.095	mg/L	0.0050	08/19/24 14:33	
EPA 6020B	Zinc	0.16	mg/L	0.010	08/19/24 14:33	
SM 2540C-2015	Total Dissolved Solids	293	mg/L	25.0	08/15/24 10:38	
EPA 300.0 Rev 2.1 1993	Chloride	2.0	mg/L	1.0	08/14/24 14:37	
EPA 300.0 Rev 2.1 1993	Fluoride	0.18	mg/L	0.10	08/14/24 14:37	
EPA 300.0 Rev 2.1 1993	Sulfate	123	mg/L	3.0	08/14/24 22:12	
92747047007	HAM-HLF-GWC-8					
EPA 6010D	Calcium	77.3	mg/L	1.0	08/22/24 15:05	
EPA 6020B	Barium	0.12	mg/L	0.0050	08/19/24 14:37	
EPA 6020B	Boron	0.035J	mg/L	0.040	08/19/24 14:37	
EPA 6020B	Cobalt	0.00054J	mg/L	0.0050	08/19/24 14:37	
SM 2540C-2015	Total Dissolved Solids	327	mg/L	25.0	08/15/24 10:39	
EPA 300.0 Rev 2.1 1993	Chloride	1.7	mg/L	1.0	08/14/24 04:17	
EPA 300.0 Rev 2.1 1993	Fluoride	0.11	mg/L	0.10	08/14/24 04:17	
EPA 300.0 Rev 2.1 1993	Sulfate	47.1	mg/L	1.0	08/14/24 04:17	
92747047008	HAM-GWC-9					
EPA 6010D	Calcium	40.1	mg/L	1.0	08/22/24 15:09	
EPA 6020B	Barium	0.068	mg/L	0.0050	08/19/24 14:41	
EPA 6020B	Boron	0.017J	mg/L	0.040	08/19/24 14:41	
EPA 6020B	Cobalt	0.00033J	mg/L	0.0050	08/19/24 14:41	
SM 2540C-2015	Total Dissolved Solids	256	mg/L	25.0	08/15/24 10:39	
EPA 300.0 Rev 2.1 1993	Chloride	0.75J	mg/L	1.0	08/14/24 05:02	
EPA 300.0 Rev 2.1 1993	Fluoride	0.071J	mg/L	0.10	08/14/24 05:02	
EPA 300.0 Rev 2.1 1993	Sulfate	80.4	mg/L	1.0	08/14/24 05:02	
92747047009	HAM-GWC-10					
EPA 6010D	Calcium	39.8	mg/L	1.0	08/22/24 15:13	
EPA 6020B	Barium	0.11	mg/L	0.0050	08/19/24 14:46	
EPA 6020B	Boron	0.032J	mg/L	0.040	08/19/24 14:46	
SM 2540C-2015	Total Dissolved Solids	170	mg/L	25.0	08/15/24 10:39	
EPA 300.0 Rev 2.1 1993	Chloride	0.95J	mg/L	1.0	08/14/24 05:16	
EPA 300.0 Rev 2.1 1993	Fluoride	0.067J	mg/L	0.10	08/14/24 05:16	
EPA 300.0 Rev 2.1 1993	Sulfate	8.5	mg/L	1.0	08/14/24 05:16	
92747047010	HAM-GWC-20					
EPA 6010D	Calcium	67.3	mg/L	1.0	08/22/24 15:16	
EPA 6020B	Barium	0.16	mg/L	0.0050	08/19/24 15:05	
EPA 6020B	Boron	0.018J	mg/L	0.040	08/19/24 15:05	
SM 2540C-2015	Total Dissolved Solids	312	mg/L	25.0	08/15/24 10:39	
EPA 300.0 Rev 2.1 1993	Chloride	1.1	mg/L	1.0	08/14/24 05:31	

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SUMMARY OF DETECTION

Project: Huffaker Road Landfill

Pace Project No.: 92747047

Lab Sample ID	Client Sample ID					
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92747047010	HAM-GWC-20					
EPA 300.0 Rev 2.1 1993	Fluoride	0.054J	mg/L	0.10	08/14/24 05:31	
EPA 300.0 Rev 2.1 1993	Sulfate	74.0	mg/L	1.0	08/14/24 05:31	
92747047011	HAM-GWC-21					
EPA 6010D	Calcium	40.9	mg/L	1.0	08/22/24 15:20	
EPA 6020B	Barium	0.098	mg/L	0.0050	08/19/24 15:09	
EPA 6020B	Boron	0.038J	mg/L	0.040	08/19/24 15:09	
EPA 6020B	Cobalt	0.0022J	mg/L	0.0050	08/19/24 15:09	
EPA 6020B	Nickel	0.0050	mg/L	0.0050	08/19/24 15:09	
EPA 6020B	Zinc	0.0048J	mg/L	0.010	08/19/24 15:09	
SM 2540C-2015	Total Dissolved Solids	181	mg/L	25.0	08/15/24 10:39	
EPA 300.0 Rev 2.1 1993	Chloride	10.0	mg/L	1.0	08/14/24 05:46	
EPA 300.0 Rev 2.1 1993	Sulfate	28.4	mg/L	1.0	08/14/24 05:46	
92747047012	HAM-GWC-22					
EPA 6010D	Calcium	51.8	mg/L	1.0	08/22/24 15:24	
EPA 6020B	Barium	0.10	mg/L	0.0050	08/19/24 15:13	
EPA 6020B	Boron	0.067	mg/L	0.040	08/19/24 15:13	
SM 2540C-2015	Total Dissolved Solids	219	mg/L	25.0	08/15/24 10:40	
EPA 300.0 Rev 2.1 1993	Chloride	1.0	mg/L	1.0	08/14/24 06:01	
EPA 300.0 Rev 2.1 1993	Fluoride	0.061J	mg/L	0.10	08/14/24 06:01	
EPA 300.0 Rev 2.1 1993	Sulfate	5.7	mg/L	1.0	08/14/24 06:01	
92747047013	HAM-HLF-FD-01					
EPA 6010D	Calcium	50.7	mg/L	1.0	08/22/24 15:28	
EPA 6020B	Barium	0.11	mg/L	0.0050	08/19/24 15:17	
EPA 6020B	Boron	0.068	mg/L	0.040	08/19/24 15:17	
SM 2540C-2015	Total Dissolved Solids	250	mg/L	25.0	08/15/24 10:44	
EPA 300.0 Rev 2.1 1993	Chloride	1.1	mg/L	1.0	08/14/24 06:16	
EPA 300.0 Rev 2.1 1993	Fluoride	0.061J	mg/L	0.10	08/14/24 06:16	
EPA 300.0 Rev 2.1 1993	Sulfate	5.7	mg/L	1.0	08/14/24 06:16	
92747047014	HAM-HLF-FD-02					
EPA 6010D	Calcium	81.0	mg/L	1.0	08/22/24 15:32	
EPA 6020B	Barium	0.11	mg/L	0.0050	08/19/24 15:21	
EPA 6020B	Boron	0.032J	mg/L	0.040	08/19/24 15:21	
EPA 6020B	Cobalt	0.00059J	mg/L	0.0050	08/19/24 15:21	
SM 2540C-2015	Total Dissolved Solids	315	mg/L	25.0	08/15/24 10:44	
EPA 300.0 Rev 2.1 1993	Chloride	1.7	mg/L	1.0	08/14/24 07:20	
EPA 300.0 Rev 2.1 1993	Fluoride	0.11	mg/L	0.10	08/14/24 07:20	
EPA 300.0 Rev 2.1 1993	Sulfate	47.4	mg/L	1.0	08/14/24 07:20	
92747047015	HAM-HLF-EB-01					
SM 2540C-2015	Total Dissolved Solids	29.0	mg/L	25.0	08/15/24 10:45	
92747047016	HAM-HLF-FB-01					
SM 2540C-2015	Total Dissolved Solids	61.0	mg/L	25.0	08/15/24 10:45	
92747047017	HAM-HLF-EB-02					
SM 2540C-2015	Total Dissolved Solids	54.0	mg/L	25.0	08/15/24 10:45	

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SUMMARY OF DETECTION

Project: Huffaker Road Landfill
Pace Project No.: 92747047

Lab Sample ID	Client Sample ID					
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92747047018	HAM-HLF-FB-02					
SM 2540C-2015	Total Dissolved Solids	115	mg/L	25.0	08/15/24 10:45	
92747047019	HAM-GWC-5					
EPA 6010D	Calcium	80.8	mg/L	1.0	08/22/24 18:08	M1
EPA 6020B	Barium	0.073	mg/L	0.0050	08/21/24 17:34	
EPA 6020B	Boron	0.090	mg/L	0.040	08/21/24 17:34	
EPA 6020B	Cobalt	0.00072J	mg/L	0.0050	08/21/24 17:34	
SM 2540C-2015	Total Dissolved Solids	401	mg/L	25.0	08/16/24 14:17	
EPA 300.0 Rev 2.1 1993	Chloride	2.3	mg/L	1.0	08/16/24 00:14	
EPA 300.0 Rev 2.1 1993	Fluoride	0.088J	mg/L	0.10	08/16/24 00:14	
EPA 300.0 Rev 2.1 1993	Sulfate	77.2	mg/L	1.0	08/16/24 00:14	
92747047020	HAM-HLF-GWC-6					
EPA 6010D	Calcium	70.8	mg/L	1.0	08/22/24 18:21	
EPA 6020B	Barium	0.14	mg/L	0.0050	08/21/24 17:37	
EPA 6020B	Boron	0.053	mg/L	0.040	08/21/24 17:37	
SM 2540C-2015	Total Dissolved Solids	376	mg/L	25.0	08/16/24 14:17	
EPA 300.0 Rev 2.1 1993	Chloride	1.8	mg/L	1.0	08/16/24 00:28	
EPA 300.0 Rev 2.1 1993	Fluoride	0.095J	mg/L	0.10	08/16/24 00:28	
EPA 300.0 Rev 2.1 1993	Sulfate	87.7	mg/L	2.0	08/16/24 06:57	
92747047021	HAM-GWC-18					
EPA 6010D	Calcium	43.3	mg/L	1.0	08/22/24 18:24	
EPA 6020B	Barium	0.076	mg/L	0.0050	08/21/24 17:41	
EPA 6020B	Boron	0.14	mg/L	0.040	08/21/24 17:41	
SM 2540C-2015	Total Dissolved Solids	242	mg/L	25.0	08/16/24 14:17	
EPA 300.0 Rev 2.1 1993	Chloride	1.1	mg/L	1.0	08/16/24 00:42	
EPA 300.0 Rev 2.1 1993	Fluoride	0.15	mg/L	0.10	08/16/24 00:42	
EPA 300.0 Rev 2.1 1993	Sulfate	8.1	mg/L	1.0	08/16/24 00:42	
92747047022	HAM-HLF-GWC-19					
EPA 6010D	Calcium	48.1	mg/L	1.0	08/22/24 18:35	
EPA 6020B	Barium	0.14	mg/L	0.0050	08/21/24 17:45	
EPA 6020B	Boron	0.16	mg/L	0.040	08/21/24 17:45	
SM 2540C-2015	Total Dissolved Solids	236	mg/L	25.0	08/16/24 14:18	
EPA 300.0 Rev 2.1 1993	Chloride	1.3	mg/L	1.0	08/16/24 01:25	
EPA 300.0 Rev 2.1 1993	Fluoride	0.14	mg/L	0.10	08/16/24 01:25	
EPA 300.0 Rev 2.1 1993	Sulfate	24.0	mg/L	1.0	08/16/24 01:25	
92747047023	HAM-GWC-23					
EPA 6010D	Calcium	47.3	mg/L	1.0	08/22/24 18:39	
EPA 6020B	Barium	0.075	mg/L	0.0050	08/21/24 13:34	
EPA 6020B	Boron	0.028J	mg/L	0.040	08/21/24 13:34	
SM 2540C-2015	Total Dissolved Solids	189	mg/L	25.0	08/16/24 14:18	
EPA 300.0 Rev 2.1 1993	Chloride	1.2	mg/L	1.0	08/16/24 01:40	
EPA 300.0 Rev 2.1 1993	Fluoride	0.12	mg/L	0.10	08/16/24 01:40	
EPA 300.0 Rev 2.1 1993	Sulfate	6.0	mg/L	1.0	08/16/24 01:40	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill

Pace Project No.: 92747047

Sample: HAM-GWA-2		Lab ID: 92747047001		Collected: 08/10/24 15:51		Received: 08/12/24 12:10		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010D ATL ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA							
Calcium	59.2	mg/L	1.0	0.12	1	08/21/24 13:18	08/22/24 14:25	7440-70-2	M1
6020 MET ICPMS		Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA							
Antimony	ND	mg/L	0.0030	0.00054	1	08/15/24 13:30	08/19/24 17:25	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.00084	1	08/15/24 13:30	08/19/24 17:25	7440-38-2	
Barium	0.18	mg/L	0.0050	0.00047	1	08/15/24 13:30	08/19/24 17:25	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000094	1	08/15/24 13:30	08/19/24 17:25	7440-41-7	
Boron	0.072	mg/L	0.040	0.012	1	08/15/24 13:30	08/19/24 17:25	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	08/15/24 13:30	08/19/24 17:25	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0019	1	08/15/24 13:30	08/19/24 17:25	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00032	1	08/15/24 13:30	08/19/24 17:25	7440-48-4	
Copper	ND	mg/L	0.0050	0.00043	1	08/15/24 13:30	08/19/24 17:25	7440-50-8	
Lead	ND	mg/L	0.0010	0.00016	1	08/15/24 13:30	08/19/24 17:25	7439-92-1	
Nickel	ND	mg/L	0.0050	0.0021	1	08/15/24 13:30	08/19/24 17:25	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00096	1	08/15/24 13:30	08/19/24 17:25	7782-49-2	
Silver	ND	mg/L	0.0050	0.00031	1	08/15/24 13:30	08/19/24 17:25	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00038	1	08/15/24 13:30	08/19/24 17:25	7440-28-0	
Vanadium	ND	mg/L	0.010	0.00075	1	08/15/24 13:30	08/19/24 17:25	7440-62-2	
Zinc	ND	mg/L	0.010	0.0024	1	08/15/24 13:30	08/19/24 17:25	7440-66-6	
2540C Total Dissolved Solids		Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA							
Total Dissolved Solids	287	mg/L	25.0	25.0	1		08/15/24 10:37		
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville							
Chloride	2.6	mg/L	1.0	0.60	1		08/14/24 22:02	16887-00-6	
Fluoride	0.071J	mg/L	0.10	0.050	1		08/14/24 22:02	16984-48-8	
Sulfate	33.1	mg/L	1.0	0.50	1		08/14/24 22:02	14808-79-8	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92747047

Sample: HAM-GWA-1		Lab ID: 92747047002		Collected: 08/11/24 11:24		Received: 08/12/24 12:10		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010D ATL ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA							
Calcium	19.3	mg/L	1.0	0.12	1	08/21/24 13:18	08/22/24 14:38	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	0.00054	1	08/15/24 13:30	08/19/24 17:29	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.00084	1	08/15/24 13:30	08/19/24 17:29	7440-38-2	
Barium	0.038	mg/L	0.0050	0.00047	1	08/15/24 13:30	08/19/24 17:29	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000094	1	08/15/24 13:30	08/19/24 17:29	7440-41-7	
Boron	ND	mg/L	0.040	0.012	1	08/15/24 13:30	08/19/24 17:29	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	08/15/24 13:30	08/19/24 17:29	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0019	1	08/15/24 13:30	08/19/24 17:29	7440-47-3	
Cobalt	0.00043J	mg/L	0.0050	0.00032	1	08/15/24 13:30	08/19/24 17:29	7440-48-4	
Copper	ND	mg/L	0.0050	0.00043	1	08/15/24 13:30	08/19/24 17:29	7440-50-8	
Lead	ND	mg/L	0.0010	0.00016	1	08/15/24 13:30	08/19/24 17:29	7439-92-1	
Nickel	ND	mg/L	0.0050	0.0021	1	08/15/24 13:30	08/19/24 17:29	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00096	1	08/15/24 13:30	08/19/24 17:29	7782-49-2	
Silver	ND	mg/L	0.0050	0.00031	1	08/15/24 13:30	08/19/24 17:29	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00038	1	08/15/24 13:30	08/19/24 17:29	7440-28-0	
Vanadium	ND	mg/L	0.010	0.00075	1	08/15/24 13:30	08/19/24 17:29	7440-62-2	
Zinc	ND	mg/L	0.010	0.0024	1	08/15/24 13:30	08/19/24 17:29	7440-66-6	
2540C Total Dissolved Solids		Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA							
Total Dissolved Solids	162	mg/L	25.0	25.0	1		08/15/24 10:37		
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		08/14/24 12:57	16887-00-6	
Fluoride	0.12	mg/L	0.10	0.050	1		08/14/24 12:57	16984-48-8	
Sulfate	3.9	mg/L	1.0	0.50	1		08/14/24 12:57	14808-79-8	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92747047

Sample: HAM-GWA-3		Lab ID: 92747047003		Collected: 08/11/24 11:53		Received: 08/12/24 12:10		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010D ATL ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA							
Calcium	69.4	mg/L	1.0	0.12	1	08/21/24 13:18	08/22/24 14:41	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	0.00054	1	08/15/24 13:30	08/19/24 17:33	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.00084	1	08/15/24 13:30	08/19/24 17:33	7440-38-2	
Barium	0.084	mg/L	0.0050	0.00047	1	08/15/24 13:30	08/19/24 17:33	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000094	1	08/15/24 13:30	08/19/24 17:33	7440-41-7	
Boron	0.13	mg/L	0.040	0.012	1	08/15/24 13:30	08/19/24 17:33	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	08/15/24 13:30	08/19/24 17:33	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0019	1	08/15/24 13:30	08/19/24 17:33	7440-47-3	
Cobalt	0.00035J	mg/L	0.0050	0.00032	1	08/15/24 13:30	08/19/24 17:33	7440-48-4	
Copper	ND	mg/L	0.0050	0.00043	1	08/15/24 13:30	08/19/24 17:33	7440-50-8	
Lead	ND	mg/L	0.0010	0.00016	1	08/15/24 13:30	08/19/24 17:33	7439-92-1	
Nickel	ND	mg/L	0.0050	0.0021	1	08/15/24 13:30	08/19/24 17:33	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00096	1	08/15/24 13:30	08/19/24 17:33	7782-49-2	
Silver	ND	mg/L	0.0050	0.00031	1	08/15/24 13:30	08/19/24 17:33	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00038	1	08/15/24 13:30	08/19/24 17:33	7440-28-0	
Vanadium	ND	mg/L	0.010	0.00075	1	08/15/24 13:30	08/19/24 17:33	7440-62-2	
Zinc	0.0026J	mg/L	0.010	0.0024	1	08/15/24 13:30	08/19/24 17:33	7440-66-6	
2540C Total Dissolved Solids		Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA							
Total Dissolved Solids	419	mg/L	25.0	25.0	1		08/15/24 10:38		
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		08/14/24 13:54	16887-00-6	
Fluoride	0.15	mg/L	0.10	0.050	1		08/14/24 13:54	16984-48-8	
Sulfate	87.2	mg/L	1.0	0.50	1		08/14/24 13:54	14808-79-8	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92747047

Sample: HAM-GWA-4		Lab ID: 92747047004		Collected: 08/11/24 10:54		Received: 08/12/24 12:10		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010D ATL ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA							
Calcium	83.0	mg/L	1.0	0.12	1	08/21/24 13:18	08/22/24 14:45	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	0.00054	1	08/15/24 13:30	08/19/24 17:36	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.00084	1	08/15/24 13:30	08/19/24 17:36	7440-38-2	
Barium	0.040	mg/L	0.0050	0.00047	1	08/15/24 13:30	08/19/24 17:36	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000094	1	08/15/24 13:30	08/19/24 17:36	7440-41-7	
Boron	0.074	mg/L	0.040	0.012	1	08/15/24 13:30	08/19/24 17:36	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	08/15/24 13:30	08/19/24 17:36	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0019	1	08/15/24 13:30	08/19/24 17:36	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00032	1	08/15/24 13:30	08/19/24 17:36	7440-48-4	
Copper	ND	mg/L	0.0050	0.00043	1	08/15/24 13:30	08/19/24 17:36	7440-50-8	
Lead	ND	mg/L	0.0010	0.00016	1	08/15/24 13:30	08/19/24 17:36	7439-92-1	
Nickel	ND	mg/L	0.0050	0.0021	1	08/15/24 13:30	08/19/24 17:36	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00096	1	08/15/24 13:30	08/19/24 17:36	7782-49-2	
Silver	ND	mg/L	0.0050	0.00031	1	08/15/24 13:30	08/19/24 17:36	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00038	1	08/15/24 13:30	08/19/24 17:36	7440-28-0	
Vanadium	ND	mg/L	0.010	0.00075	1	08/15/24 13:30	08/19/24 17:36	7440-62-2	
Zinc	ND	mg/L	0.010	0.0024	1	08/15/24 13:30	08/19/24 17:36	7440-66-6	
2540C Total Dissolved Solids		Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA							
Total Dissolved Solids	456	mg/L	25.0	25.0	1		08/15/24 10:38		
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville							
Chloride	3.6	mg/L	1.0	0.60	1		08/14/24 14:08	16887-00-6	
Fluoride	0.14	mg/L	0.10	0.050	1		08/14/24 14:08	16984-48-8	
Sulfate	116	mg/L	3.0	1.5	3		08/14/24 21:58	14808-79-8	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92747047

Sample: HAM-GWA-11		Lab ID: 92747047005		Collected: 08/11/24 11:21		Received: 08/12/24 12:10		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010D ATL ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA							
Calcium	20.8	mg/L	1.0	0.12	1	08/21/24 13:18	08/22/24 14:58	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	0.00054	1	08/16/24 11:27	08/19/24 14:16	7440-36-0	
Arsenic	0.0010J	mg/L	0.0050	0.00084	1	08/16/24 11:27	08/19/24 14:16	7440-38-2	
Barium	0.031	mg/L	0.0050	0.00047	1	08/16/24 11:27	08/19/24 14:16	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000094	1	08/16/24 11:27	08/19/24 14:16	7440-41-7	
Boron	0.045	mg/L	0.040	0.012	1	08/16/24 11:27	08/19/24 14:16	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	08/16/24 11:27	08/19/24 14:16	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0019	1	08/16/24 11:27	08/19/24 14:16	7440-47-3	
Cobalt	0.00056J	mg/L	0.0050	0.00032	1	08/16/24 11:27	08/19/24 14:16	7440-48-4	
Copper	ND	mg/L	0.0050	0.00043	1	08/16/24 11:27	08/19/24 14:16	7440-50-8	
Lead	ND	mg/L	0.0010	0.00016	1	08/16/24 11:27	08/19/24 14:16	7439-92-1	
Nickel	ND	mg/L	0.0050	0.0021	1	08/16/24 11:27	08/19/24 14:16	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00096	1	08/16/24 11:27	08/19/24 14:16	7782-49-2	
Silver	ND	mg/L	0.0050	0.00031	1	08/16/24 11:27	08/19/24 14:16	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00038	1	08/16/24 11:27	08/19/24 14:16	7440-28-0	
Vanadium	ND	mg/L	0.010	0.00075	1	08/16/24 11:27	08/19/24 14:16	7440-62-2	
Zinc	ND	mg/L	0.010	0.0024	1	08/16/24 11:27	08/19/24 14:16	7440-66-6	
2540C Total Dissolved Solids		Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA							
Total Dissolved Solids	145	mg/L	25.0	25.0	1		08/15/24 10:38		
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		08/14/24 14:23	16887-00-6	
Fluoride	0.10	mg/L	0.10	0.050	1		08/14/24 14:23	16984-48-8	
Sulfate	9.3	mg/L	1.0	0.50	1		08/14/24 14:23	14808-79-8	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92747047

Sample: HAM-GWC-7		Lab ID: 92747047006		Collected: 08/11/24 13:13		Received: 08/12/24 12:10		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010D ATL ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA							
Calcium	19.7	mg/L	1.0	0.12	1	08/21/24 13:18	08/22/24 15:01	7440-70-2	
6020 MET ICPMS		Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA							
Antimony	0.0019J	mg/L	0.0030	0.00054	1	08/16/24 11:27	08/19/24 14:33	7440-36-0	
Arsenic	0.0085	mg/L	0.0050	0.00084	1	08/16/24 11:27	08/19/24 14:33	7440-38-2	
Barium	0.045	mg/L	0.0050	0.00047	1	08/16/24 11:27	08/19/24 14:33	7440-39-3	
Beryllium	0.00013J	mg/L	0.00050	0.000094	1	08/16/24 11:27	08/19/24 14:33	7440-41-7	
Boron	0.035J	mg/L	0.040	0.012	1	08/16/24 11:27	08/19/24 14:33	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	08/16/24 11:27	08/19/24 14:33	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0019	1	08/16/24 11:27	08/19/24 14:33	7440-47-3	
Cobalt	0.016	mg/L	0.0050	0.00032	1	08/16/24 11:27	08/19/24 14:33	7440-48-4	
Copper	ND	mg/L	0.0050	0.00043	1	08/16/24 11:27	08/19/24 14:33	7440-50-8	
Lead	ND	mg/L	0.0010	0.00016	1	08/16/24 11:27	08/19/24 14:33	7439-92-1	
Nickel	0.095	mg/L	0.0050	0.0021	1	08/16/24 11:27	08/19/24 14:33	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00096	1	08/16/24 11:27	08/19/24 14:33	7782-49-2	
Silver	ND	mg/L	0.0050	0.00031	1	08/16/24 11:27	08/19/24 14:33	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00038	1	08/16/24 11:27	08/19/24 14:33	7440-28-0	
Vanadium	ND	mg/L	0.010	0.00075	1	08/16/24 11:27	08/19/24 14:33	7440-62-2	
Zinc	0.16	mg/L	0.010	0.0024	1	08/16/24 11:27	08/19/24 14:33	7440-66-6	
2540C Total Dissolved Solids		Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA							
Total Dissolved Solids	293	mg/L	25.0	25.0	1		08/15/24 10:38		
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville							
Chloride	2.0	mg/L	1.0	0.60	1		08/14/24 14:37	16887-00-6	
Fluoride	0.18	mg/L	0.10	0.050	1		08/14/24 14:37	16984-48-8	
Sulfate	123	mg/L	3.0	1.5	3		08/14/24 22:12	14808-79-8	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92747047

Sample: HAM-HLF-GWC-8		Lab ID: 92747047007		Collected: 08/11/24 14:55		Received: 08/12/24 12:10		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010D ATL ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA							
Calcium	77.3	mg/L	1.0	0.12	1	08/21/24 13:18	08/22/24 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	0.00054	1	08/16/24 11:27	08/19/24 14:37	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.00084	1	08/16/24 11:27	08/19/24 14:37	7440-38-2	
Barium	0.12	mg/L	0.0050	0.00047	1	08/16/24 11:27	08/19/24 14:37	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000094	1	08/16/24 11:27	08/19/24 14:37	7440-41-7	
Boron	0.035J	mg/L	0.040	0.012	1	08/16/24 11:27	08/19/24 14:37	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	08/16/24 11:27	08/19/24 14:37	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0019	1	08/16/24 11:27	08/19/24 14:37	7440-47-3	
Cobalt	0.00054J	mg/L	0.0050	0.00032	1	08/16/24 11:27	08/19/24 14:37	7440-48-4	
Copper	ND	mg/L	0.0050	0.00043	1	08/16/24 11:27	08/19/24 14:37	7440-50-8	
Lead	ND	mg/L	0.0010	0.00016	1	08/16/24 11:27	08/19/24 14:37	7439-92-1	
Nickel	ND	mg/L	0.0050	0.0021	1	08/16/24 11:27	08/19/24 14:37	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00096	1	08/16/24 11:27	08/19/24 14:37	7782-49-2	
Silver	ND	mg/L	0.0050	0.00031	1	08/16/24 11:27	08/19/24 14:37	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00038	1	08/16/24 11:27	08/19/24 14:37	7440-28-0	
Vanadium	ND	mg/L	0.010	0.00075	1	08/16/24 11:27	08/19/24 14:37	7440-62-2	
Zinc	ND	mg/L	0.010	0.0024	1	08/16/24 11:27	08/19/24 14:37	7440-66-6	
2540C Total Dissolved Solids		Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA							
Total Dissolved Solids	327	mg/L	25.0	25.0	1		08/15/24 10:39		
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		08/14/24 04:17	16887-00-6	
Fluoride	0.11	mg/L	0.10	0.050	1		08/14/24 04:17	16984-48-8	
Sulfate	47.1	mg/L	1.0	0.50	1		08/14/24 04:17	14808-79-8	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92747047

Sample: HAM-GWC-9		Lab ID: 92747047008		Collected: 08/11/24 16:31		Received: 08/12/24 12:10		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010D ATL ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA							
Calcium	40.1	mg/L	1.0	0.12	1	08/21/24 13:18	08/22/24 15:09	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	0.00054	1	08/16/24 11:27	08/19/24 14:41	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.00084	1	08/16/24 11:27	08/19/24 14:41	7440-38-2	
Barium	0.068	mg/L	0.0050	0.00047	1	08/16/24 11:27	08/19/24 14:41	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000094	1	08/16/24 11:27	08/19/24 14:41	7440-41-7	
Boron	0.017J	mg/L	0.040	0.012	1	08/16/24 11:27	08/19/24 14:41	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	08/16/24 11:27	08/19/24 14:41	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0019	1	08/16/24 11:27	08/19/24 14:41	7440-47-3	
Cobalt	0.00033J	mg/L	0.0050	0.00032	1	08/16/24 11:27	08/19/24 14:41	7440-48-4	
Copper	ND	mg/L	0.0050	0.00043	1	08/16/24 11:27	08/19/24 14:41	7440-50-8	
Lead	ND	mg/L	0.0010	0.00016	1	08/16/24 11:27	08/19/24 14:41	7439-92-1	
Nickel	ND	mg/L	0.0050	0.0021	1	08/16/24 11:27	08/19/24 14:41	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00096	1	08/16/24 11:27	08/19/24 14:41	7782-49-2	
Silver	ND	mg/L	0.0050	0.00031	1	08/16/24 11:27	08/19/24 14:41	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00038	1	08/16/24 11:27	08/19/24 14:41	7440-28-0	
Vanadium	ND	mg/L	0.010	0.00075	1	08/16/24 11:27	08/19/24 14:41	7440-62-2	
Zinc	ND	mg/L	0.010	0.0024	1	08/16/24 11:27	08/19/24 14:41	7440-66-6	
2540C Total Dissolved Solids		Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA							
Total Dissolved Solids	256	mg/L	25.0	25.0	1		08/15/24 10:39		
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville							
Chloride	0.75J	mg/L	1.0	0.60	1		08/14/24 05:02	16887-00-6	
Fluoride	0.071J	mg/L	0.10	0.050	1		08/14/24 05:02	16984-48-8	
Sulfate	80.4	mg/L	1.0	0.50	1		08/14/24 05:02	14808-79-8	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92747047

Sample: HAM-GWC-10		Lab ID: 92747047009		Collected: 08/11/24 14:29		Received: 08/12/24 12:10		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010D ATL ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA							
Calcium	39.8	mg/L	1.0	0.12	1	08/21/24 13:18	08/22/24 15:13	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	0.00054	1	08/16/24 11:27	08/19/24 14:46	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.00084	1	08/16/24 11:27	08/19/24 14:46	7440-38-2	
Barium	0.11	mg/L	0.0050	0.00047	1	08/16/24 11:27	08/19/24 14:46	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000094	1	08/16/24 11:27	08/19/24 14:46	7440-41-7	
Boron	0.032J	mg/L	0.040	0.012	1	08/16/24 11:27	08/19/24 14:46	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	08/16/24 11:27	08/19/24 14:46	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0019	1	08/16/24 11:27	08/19/24 14:46	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00032	1	08/16/24 11:27	08/19/24 14:46	7440-48-4	
Copper	ND	mg/L	0.0050	0.00043	1	08/16/24 11:27	08/19/24 14:46	7440-50-8	
Lead	ND	mg/L	0.0010	0.00016	1	08/16/24 11:27	08/19/24 14:46	7439-92-1	
Nickel	ND	mg/L	0.0050	0.0021	1	08/16/24 11:27	08/19/24 14:46	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00096	1	08/16/24 11:27	08/19/24 14:46	7782-49-2	
Silver	ND	mg/L	0.0050	0.00031	1	08/16/24 11:27	08/19/24 14:46	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00038	1	08/16/24 11:27	08/19/24 14:46	7440-28-0	
Vanadium	ND	mg/L	0.010	0.00075	1	08/16/24 11:27	08/19/24 14:46	7440-62-2	
Zinc	ND	mg/L	0.010	0.0024	1	08/16/24 11:27	08/19/24 14:46	7440-66-6	
2540C Total Dissolved Solids		Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA							
Total Dissolved Solids	170	mg/L	25.0	25.0	1		08/15/24 10:39		
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville							
Chloride	0.95J	mg/L	1.0	0.60	1		08/14/24 05:16	16887-00-6	
Fluoride	0.067J	mg/L	0.10	0.050	1		08/14/24 05:16	16984-48-8	
Sulfate	8.5	mg/L	1.0	0.50	1		08/14/24 05:16	14808-79-8	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92747047

Sample: HAM-GWC-20		Lab ID: 92747047010		Collected: 08/11/24 15:53		Received: 08/12/24 12:10		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010D ATL ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA							
Calcium	67.3	mg/L	1.0	0.12	1	08/21/24 13:18	08/22/24 15:16	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	0.00054	1	08/16/24 11:27	08/19/24 15:05	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.00084	1	08/16/24 11:27	08/19/24 15:05	7440-38-2	
Barium	0.16	mg/L	0.0050	0.00047	1	08/16/24 11:27	08/19/24 15:05	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000094	1	08/16/24 11:27	08/19/24 15:05	7440-41-7	
Boron	0.018J	mg/L	0.040	0.012	1	08/16/24 11:27	08/19/24 15:05	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	08/16/24 11:27	08/19/24 15:05	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0019	1	08/16/24 11:27	08/19/24 15:05	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00032	1	08/16/24 11:27	08/19/24 15:05	7440-48-4	
Copper	ND	mg/L	0.0050	0.00043	1	08/16/24 11:27	08/19/24 15:05	7440-50-8	
Lead	ND	mg/L	0.0010	0.00016	1	08/16/24 11:27	08/19/24 15:05	7439-92-1	
Nickel	ND	mg/L	0.0050	0.0021	1	08/16/24 11:27	08/19/24 15:05	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00096	1	08/16/24 11:27	08/19/24 15:05	7782-49-2	
Silver	ND	mg/L	0.0050	0.00031	1	08/16/24 11:27	08/19/24 15:05	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00038	1	08/16/24 11:27	08/19/24 15:05	7440-28-0	
Vanadium	ND	mg/L	0.010	0.00075	1	08/16/24 11:27	08/19/24 15:05	7440-62-2	
Zinc	ND	mg/L	0.010	0.0024	1	08/16/24 11:27	08/19/24 15:05	7440-66-6	
2540C Total Dissolved Solids		Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA							
Total Dissolved Solids	312	mg/L	25.0	25.0	1		08/15/24 10:39		
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		08/14/24 05:31	16887-00-6	
Fluoride	0.054J	mg/L	0.10	0.050	1		08/14/24 05:31	16984-48-8	
Sulfate	74.0	mg/L	1.0	0.50	1		08/14/24 05:31	14808-79-8	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92747047

Sample: HAM-GWC-21		Lab ID: 92747047011		Collected: 08/11/24 14:51		Received: 08/12/24 12:10		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010D ATL ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA							
Calcium	40.9	mg/L	1.0	0.12	1	08/21/24 13:18	08/22/24 15:20	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	0.00054	1	08/16/24 11:27	08/19/24 15:09	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.00084	1	08/16/24 11:27	08/19/24 15:09	7440-38-2	
Barium	0.098	mg/L	0.0050	0.00047	1	08/16/24 11:27	08/19/24 15:09	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000094	1	08/16/24 11:27	08/19/24 15:09	7440-41-7	
Boron	0.038J	mg/L	0.040	0.012	1	08/16/24 11:27	08/19/24 15:09	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	08/16/24 11:27	08/19/24 15:09	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0019	1	08/16/24 11:27	08/19/24 15:09	7440-47-3	
Cobalt	0.0022J	mg/L	0.0050	0.00032	1	08/16/24 11:27	08/19/24 15:09	7440-48-4	
Copper	ND	mg/L	0.0050	0.00043	1	08/16/24 11:27	08/19/24 15:09	7440-50-8	
Lead	ND	mg/L	0.0010	0.00016	1	08/16/24 11:27	08/19/24 15:09	7439-92-1	
Nickel	0.0050	mg/L	0.0050	0.0021	1	08/16/24 11:27	08/19/24 15:09	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00096	1	08/16/24 11:27	08/19/24 15:09	7782-49-2	
Silver	ND	mg/L	0.0050	0.00031	1	08/16/24 11:27	08/19/24 15:09	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00038	1	08/16/24 11:27	08/19/24 15:09	7440-28-0	
Vanadium	ND	mg/L	0.010	0.00075	1	08/16/24 11:27	08/19/24 15:09	7440-62-2	
Zinc	0.0048J	mg/L	0.010	0.0024	1	08/16/24 11:27	08/19/24 15:09	7440-66-6	
2540C Total Dissolved Solids		Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA							
Total Dissolved Solids	181	mg/L	25.0	25.0	1		08/15/24 10:39		
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville							
Chloride	10.0	mg/L	1.0	0.60	1		08/14/24 05:46	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		08/14/24 05:46	16984-48-8	
Sulfate	28.4	mg/L	1.0	0.50	1		08/14/24 05:46	14808-79-8	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill

Pace Project No.: 92747047

Sample: HAM-GWC-22		Lab ID: 92747047012		Collected: 08/11/24 13:18		Received: 08/12/24 12:10		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010D ATL ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA							
Calcium	51.8	mg/L	1.0	0.12	1	08/21/24 13:18	08/22/24 15:24	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	0.00054	1	08/16/24 11:27	08/19/24 15:13	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.00084	1	08/16/24 11:27	08/19/24 15:13	7440-38-2	
Barium	0.10	mg/L	0.0050	0.00047	1	08/16/24 11:27	08/19/24 15:13	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000094	1	08/16/24 11:27	08/19/24 15:13	7440-41-7	
Boron	0.067	mg/L	0.040	0.012	1	08/16/24 11:27	08/19/24 15:13	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	08/16/24 11:27	08/19/24 15:13	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0019	1	08/16/24 11:27	08/19/24 15:13	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00032	1	08/16/24 11:27	08/19/24 15:13	7440-48-4	
Copper	ND	mg/L	0.0050	0.00043	1	08/16/24 11:27	08/19/24 15:13	7440-50-8	
Lead	ND	mg/L	0.0010	0.00016	1	08/16/24 11:27	08/19/24 15:13	7439-92-1	
Nickel	ND	mg/L	0.0050	0.0021	1	08/16/24 11:27	08/19/24 15:13	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00096	1	08/16/24 11:27	08/19/24 15:13	7782-49-2	
Silver	ND	mg/L	0.0050	0.00031	1	08/16/24 11:27	08/19/24 15:13	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00038	1	08/16/24 11:27	08/19/24 15:13	7440-28-0	
Vanadium	ND	mg/L	0.010	0.00075	1	08/16/24 11:27	08/19/24 15:13	7440-62-2	
Zinc	ND	mg/L	0.010	0.0024	1	08/16/24 11:27	08/19/24 15:13	7440-66-6	
2540C Total Dissolved Solids		Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA							
Total Dissolved Solids	219	mg/L	25.0	25.0	1		08/15/24 10:40		
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		08/14/24 06:01	16887-00-6	
Fluoride	0.061J	mg/L	0.10	0.050	1		08/14/24 06:01	16984-48-8	
Sulfate	5.7	mg/L	1.0	0.50	1		08/14/24 06:01	14808-79-8	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill

Pace Project No.: 92747047

Sample: HAM-HLF-FD-01		Lab ID: 92747047013		Collected: 08/11/24 00:00		Received: 08/12/24 12:10		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010D ATL ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA							
Calcium	50.7	mg/L	1.0	0.12	1	08/21/24 13:18	08/22/24 15:28	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	0.00054	1	08/16/24 11:27	08/19/24 15:17	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.00084	1	08/16/24 11:27	08/19/24 15:17	7440-38-2	
Barium	0.11	mg/L	0.0050	0.00047	1	08/16/24 11:27	08/19/24 15:17	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000094	1	08/16/24 11:27	08/19/24 15:17	7440-41-7	
Boron	0.068	mg/L	0.040	0.012	1	08/16/24 11:27	08/19/24 15:17	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	08/16/24 11:27	08/19/24 15:17	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0019	1	08/16/24 11:27	08/19/24 15:17	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00032	1	08/16/24 11:27	08/19/24 15:17	7440-48-4	
Copper	ND	mg/L	0.0050	0.00043	1	08/16/24 11:27	08/19/24 15:17	7440-50-8	
Lead	ND	mg/L	0.0010	0.00016	1	08/16/24 11:27	08/19/24 15:17	7439-92-1	
Nickel	ND	mg/L	0.0050	0.0021	1	08/16/24 11:27	08/19/24 15:17	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00096	1	08/16/24 11:27	08/19/24 15:17	7782-49-2	
Silver	ND	mg/L	0.0050	0.00031	1	08/16/24 11:27	08/19/24 15:17	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00038	1	08/16/24 11:27	08/19/24 15:17	7440-28-0	
Vanadium	ND	mg/L	0.010	0.00075	1	08/16/24 11:27	08/19/24 15:17	7440-62-2	
Zinc	ND	mg/L	0.010	0.0024	1	08/16/24 11:27	08/19/24 15:17	7440-66-6	
2540C Total Dissolved Solids		Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA							
Total Dissolved Solids	250	mg/L	25.0	25.0	1		08/15/24 10:44		
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		08/14/24 06:16	16887-00-6	
Fluoride	0.061J	mg/L	0.10	0.050	1		08/14/24 06:16	16984-48-8	
Sulfate	5.7	mg/L	1.0	0.50	1		08/14/24 06:16	14808-79-8	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92747047

Sample: HAM-HLF-FD-02		Lab ID: 92747047014		Collected: 08/11/24 00:00		Received: 08/12/24 12:10		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010D ATL ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA							
Calcium	81.0	mg/L	1.0	0.12	1	08/21/24 13:18	08/22/24 15:32	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	0.00054	1	08/16/24 11:27	08/19/24 15:21	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.00084	1	08/16/24 11:27	08/19/24 15:21	7440-38-2	
Barium	0.11	mg/L	0.0050	0.00047	1	08/16/24 11:27	08/19/24 15:21	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000094	1	08/16/24 11:27	08/19/24 15:21	7440-41-7	
Boron	0.032J	mg/L	0.040	0.012	1	08/16/24 11:27	08/19/24 15:21	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	08/16/24 11:27	08/19/24 15:21	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0019	1	08/16/24 11:27	08/19/24 15:21	7440-47-3	
Cobalt	0.00059J	mg/L	0.0050	0.00032	1	08/16/24 11:27	08/19/24 15:21	7440-48-4	
Copper	ND	mg/L	0.0050	0.00043	1	08/16/24 11:27	08/19/24 15:21	7440-50-8	
Lead	ND	mg/L	0.0010	0.00016	1	08/16/24 11:27	08/19/24 15:21	7439-92-1	
Nickel	ND	mg/L	0.0050	0.0021	1	08/16/24 11:27	08/19/24 15:21	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00096	1	08/16/24 11:27	08/19/24 15:21	7782-49-2	
Silver	ND	mg/L	0.0050	0.00031	1	08/16/24 11:27	08/19/24 15:21	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00038	1	08/16/24 11:27	08/19/24 15:21	7440-28-0	
Vanadium	ND	mg/L	0.010	0.00075	1	08/16/24 11:27	08/19/24 15:21	7440-62-2	
Zinc	ND	mg/L	0.010	0.0024	1	08/16/24 11:27	08/19/24 15:21	7440-66-6	
2540C Total Dissolved Solids		Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA							
Total Dissolved Solids	315	mg/L	25.0	25.0	1		08/15/24 10:44		
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		08/14/24 07:20	16887-00-6	
Fluoride	0.11	mg/L	0.10	0.050	1		08/14/24 07:20	16984-48-8	
Sulfate	47.4	mg/L	1.0	0.50	1		08/14/24 07:20	14808-79-8	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92747047

Sample: HAM-HLF-EB-01		Lab ID: 92747047015		Collected: 08/11/24 17:00		Received: 08/12/24 12:10		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
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	08/21/24 13:18	08/22/24 15:43	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	0.00054	1	08/16/24 11:27	08/19/24 15:26	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.00084	1	08/16/24 11:27	08/19/24 15:26	7440-38-2	
Barium	ND	mg/L	0.0050	0.00047	1	08/16/24 11:27	08/19/24 15:26	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000094	1	08/16/24 11:27	08/19/24 15:26	7440-41-7	
Boron	ND	mg/L	0.040	0.012	1	08/16/24 11:27	08/19/24 15:26	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	08/16/24 11:27	08/19/24 15:26	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0019	1	08/16/24 11:27	08/19/24 15:26	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00032	1	08/16/24 11:27	08/19/24 15:26	7440-48-4	
Copper	ND	mg/L	0.0050	0.00043	1	08/16/24 11:27	08/19/24 15:26	7440-50-8	
Lead	ND	mg/L	0.0010	0.00016	1	08/16/24 11:27	08/19/24 15:26	7439-92-1	
Nickel	ND	mg/L	0.0050	0.0021	1	08/16/24 11:27	08/19/24 15:26	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00096	1	08/16/24 11:27	08/19/24 15:26	7782-49-2	
Silver	ND	mg/L	0.0050	0.00031	1	08/16/24 11:27	08/19/24 15:26	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00038	1	08/16/24 11:27	08/19/24 15:26	7440-28-0	
Vanadium	ND	mg/L	0.010	0.00075	1	08/16/24 11:27	08/19/24 15:26	7440-62-2	
Zinc	ND	mg/L	0.010	0.0024	1	08/16/24 11:27	08/19/24 15:26	7440-66-6	
2540C Total Dissolved Solids		Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA							
Total Dissolved Solids	29.0	mg/L	25.0	25.0	1		08/15/24 10:45		
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		08/13/24 23:14	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		08/13/24 23:14	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		08/13/24 23:14	14808-79-8	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92747047

Sample: HAM-HLF-FB-01		Lab ID: 92747047016		Collected: 08/11/24 16:55		Received: 08/12/24 12:10		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
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	08/21/24 13:18	08/22/24 15:46	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	0.00054	1	08/16/24 11:27	08/19/24 15:30	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.00084	1	08/16/24 11:27	08/19/24 15:30	7440-38-2	
Barium	ND	mg/L	0.0050	0.00047	1	08/16/24 11:27	08/19/24 15:30	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000094	1	08/16/24 11:27	08/19/24 15:30	7440-41-7	
Boron	ND	mg/L	0.040	0.012	1	08/16/24 11:27	08/19/24 15:30	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	08/16/24 11:27	08/19/24 15:30	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0019	1	08/16/24 11:27	08/19/24 15:30	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00032	1	08/16/24 11:27	08/19/24 15:30	7440-48-4	
Copper	ND	mg/L	0.0050	0.00043	1	08/16/24 11:27	08/19/24 15:30	7440-50-8	
Lead	ND	mg/L	0.0010	0.00016	1	08/16/24 11:27	08/19/24 15:30	7439-92-1	
Nickel	ND	mg/L	0.0050	0.0021	1	08/16/24 11:27	08/19/24 15:30	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00096	1	08/16/24 11:27	08/19/24 15:30	7782-49-2	
Silver	ND	mg/L	0.0050	0.00031	1	08/16/24 11:27	08/19/24 15:30	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00038	1	08/16/24 11:27	08/19/24 15:30	7440-28-0	
Vanadium	ND	mg/L	0.010	0.00075	1	08/16/24 11:27	08/19/24 15:30	7440-62-2	
Zinc	ND	mg/L	0.010	0.0024	1	08/16/24 11:27	08/19/24 15:30	7440-66-6	
2540C Total Dissolved Solids		Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA							
Total Dissolved Solids	61.0	mg/L	25.0	25.0	1		08/15/24 10:45		
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		08/13/24 23:29	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		08/13/24 23:29	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		08/13/24 23:29	14808-79-8	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92747047

Sample: HAM-HLF-EB-02		Lab ID: 92747047017		Collected: 08/11/24 16:25		Received: 08/12/24 12:10		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
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	08/21/24 13:18	08/22/24 15:50	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	0.00054	1	08/16/24 11:27	08/19/24 15:34	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.00084	1	08/16/24 11:27	08/19/24 15:34	7440-38-2	
Barium	ND	mg/L	0.0050	0.00047	1	08/16/24 11:27	08/19/24 15:34	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000094	1	08/16/24 11:27	08/19/24 15:34	7440-41-7	
Boron	ND	mg/L	0.040	0.012	1	08/16/24 11:27	08/19/24 15:34	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	08/16/24 11:27	08/19/24 15:34	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0019	1	08/16/24 11:27	08/19/24 15:34	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00032	1	08/16/24 11:27	08/19/24 15:34	7440-48-4	
Copper	ND	mg/L	0.0050	0.00043	1	08/16/24 11:27	08/19/24 15:34	7440-50-8	
Lead	ND	mg/L	0.0010	0.00016	1	08/16/24 11:27	08/19/24 15:34	7439-92-1	
Nickel	ND	mg/L	0.0050	0.0021	1	08/16/24 11:27	08/19/24 15:34	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00096	1	08/16/24 11:27	08/19/24 15:34	7782-49-2	
Silver	ND	mg/L	0.0050	0.00031	1	08/16/24 11:27	08/19/24 15:34	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00038	1	08/16/24 11:27	08/19/24 15:34	7440-28-0	
Vanadium	ND	mg/L	0.010	0.00075	1	08/16/24 11:27	08/19/24 15:34	7440-62-2	
Zinc	ND	mg/L	0.010	0.0024	1	08/16/24 11:27	08/19/24 15:34	7440-66-6	
2540C Total Dissolved Solids		Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA							
Total Dissolved Solids	54.0	mg/L	25.0	25.0	1		08/15/24 10:45		
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		08/13/24 23:44	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		08/13/24 23:44	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		08/13/24 23:44	14808-79-8	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92747047

Sample: HAM-HLF-FB-02		Lab ID: 92747047018		Collected: 08/11/24 16:30		Received: 08/12/24 12:10		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
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	08/21/24 13:18	08/22/24 15:54	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	0.00054	1	08/16/24 11:27	08/19/24 15:38	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.00084	1	08/16/24 11:27	08/19/24 15:38	7440-38-2	
Barium	ND	mg/L	0.0050	0.00047	1	08/16/24 11:27	08/19/24 15:38	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000094	1	08/16/24 11:27	08/19/24 15:38	7440-41-7	
Boron	ND	mg/L	0.040	0.012	1	08/16/24 11:27	08/19/24 15:38	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	08/16/24 11:27	08/19/24 15:38	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0019	1	08/16/24 11:27	08/19/24 15:38	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00032	1	08/16/24 11:27	08/19/24 15:38	7440-48-4	
Copper	ND	mg/L	0.0050	0.00043	1	08/16/24 11:27	08/19/24 15:38	7440-50-8	
Lead	ND	mg/L	0.0010	0.00016	1	08/16/24 11:27	08/19/24 15:38	7439-92-1	
Nickel	ND	mg/L	0.0050	0.0021	1	08/16/24 11:27	08/19/24 15:38	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00096	1	08/16/24 11:27	08/19/24 15:38	7782-49-2	
Silver	ND	mg/L	0.0050	0.00031	1	08/16/24 11:27	08/19/24 15:38	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00038	1	08/16/24 11:27	08/19/24 15:38	7440-28-0	
Vanadium	ND	mg/L	0.010	0.00075	1	08/16/24 11:27	08/19/24 15:38	7440-62-2	
Zinc	ND	mg/L	0.010	0.0024	1	08/16/24 11:27	08/19/24 15:38	7440-66-6	
2540C Total Dissolved Solids		Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA							
Total Dissolved Solids	115	mg/L	25.0	25.0	1		08/15/24 10:45		
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		08/14/24 00:29	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		08/14/24 00:29	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		08/14/24 00:29	14808-79-8	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92747047

Sample: HAM-GWC-5		Lab ID: 92747047019		Collected: 08/12/24 10:17		Received: 08/14/24 14:40		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010D ATL ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA							
Calcium	80.8	mg/L	1.0	0.12	1	08/22/24 09:23	08/22/24 18:08	7440-70-2	M1
6020 MET ICPMS		Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA							
Antimony	ND	mg/L	0.0030	0.00054	1	08/17/24 10:09	08/21/24 17:34	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.00084	1	08/17/24 10:09	08/21/24 17:34	7440-38-2	
Barium	0.073	mg/L	0.0050	0.00047	1	08/17/24 10:09	08/21/24 17:34	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000094	1	08/17/24 10:09	08/21/24 17:34	7440-41-7	
Boron	0.090	mg/L	0.040	0.012	1	08/17/24 10:09	08/21/24 17:34	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	08/17/24 10:09	08/21/24 17:34	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0019	1	08/17/24 10:09	08/21/24 17:34	7440-47-3	
Cobalt	0.00072J	mg/L	0.0050	0.00032	1	08/17/24 10:09	08/21/24 17:34	7440-48-4	
Copper	ND	mg/L	0.0050	0.00043	1	08/17/24 10:09	08/21/24 17:34	7440-50-8	
Lead	ND	mg/L	0.0010	0.00016	1	08/17/24 10:09	08/21/24 17:34	7439-92-1	
Nickel	ND	mg/L	0.0050	0.0021	1	08/17/24 10:09	08/21/24 17:34	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00096	1	08/17/24 10:09	08/21/24 17:34	7782-49-2	
Silver	ND	mg/L	0.0050	0.00031	1	08/17/24 10:09	08/21/24 17:34	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00038	1	08/17/24 10:09	08/21/24 17:34	7440-28-0	
Vanadium	ND	mg/L	0.010	0.00075	1	08/17/24 10:09	08/21/24 17:34	7440-62-2	
Zinc	ND	mg/L	0.010	0.0024	1	08/17/24 10:09	08/21/24 17:34	7440-66-6	
2540C Total Dissolved Solids		Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA							
Total Dissolved Solids	401	mg/L	25.0	25.0	1		08/16/24 14:17		
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville							
Chloride	2.3	mg/L	1.0	0.60	1		08/16/24 00:14	16887-00-6	
Fluoride	0.088J	mg/L	0.10	0.050	1		08/16/24 00:14	16984-48-8	
Sulfate	77.2	mg/L	1.0	0.50	1		08/16/24 00:14	14808-79-8	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92747047

Sample: HAM-HLF-GWC-6		Lab ID: 92747047020		Collected: 08/12/24 11:40		Received: 08/14/24 14:40		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA									
Calcium	70.8	mg/L	1.0	0.12	1	08/22/24 09:23	08/22/24 18:21	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	0.00054	1	08/17/24 10:09	08/21/24 17:37	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.00084	1	08/17/24 10:09	08/21/24 17:37	7440-38-2	
Barium	0.14	mg/L	0.0050	0.00047	1	08/17/24 10:09	08/21/24 17:37	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000094	1	08/17/24 10:09	08/21/24 17:37	7440-41-7	
Boron	0.053	mg/L	0.040	0.012	1	08/17/24 10:09	08/21/24 17:37	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	08/17/24 10:09	08/21/24 17:37	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0019	1	08/17/24 10:09	08/21/24 17:37	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00032	1	08/17/24 10:09	08/21/24 17:37	7440-48-4	
Copper	ND	mg/L	0.0050	0.00043	1	08/17/24 10:09	08/21/24 17:37	7440-50-8	
Lead	ND	mg/L	0.0010	0.00016	1	08/17/24 10:09	08/21/24 17:37	7439-92-1	
Nickel	ND	mg/L	0.0050	0.0021	1	08/17/24 10:09	08/21/24 17:37	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00096	1	08/17/24 10:09	08/21/24 17:37	7782-49-2	
Silver	ND	mg/L	0.0050	0.00031	1	08/17/24 10:09	08/21/24 17:37	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00038	1	08/17/24 10:09	08/21/24 17:37	7440-28-0	
Vanadium	ND	mg/L	0.010	0.00075	1	08/17/24 10:09	08/21/24 17:37	7440-62-2	
Zinc	ND	mg/L	0.010	0.0024	1	08/17/24 10:09	08/21/24 17:37	7440-66-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	376	mg/L	25.0	25.0	1		08/16/24 14:17		
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville									
Chloride	1.8	mg/L	1.0	0.60	1		08/16/24 00:28	16887-00-6	
Fluoride	0.095J	mg/L	0.10	0.050	1		08/16/24 00:28	16984-48-8	
Sulfate	87.7	mg/L	2.0	1.0	2		08/16/24 06:57	14808-79-8	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92747047

Sample: HAM-GWC-18		Lab ID: 92747047021		Collected: 08/12/24 12:14		Received: 08/14/24 14:40		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010D ATL ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA							
Calcium	43.3	mg/L	1.0	0.12	1	08/22/24 09:23	08/22/24 18:24	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	0.00054	1	08/17/24 10:09	08/21/24 17:41	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.00084	1	08/17/24 10:09	08/21/24 17:41	7440-38-2	
Barium	0.076	mg/L	0.0050	0.00047	1	08/17/24 10:09	08/21/24 17:41	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000094	1	08/17/24 10:09	08/21/24 17:41	7440-41-7	
Boron	0.14	mg/L	0.040	0.012	1	08/17/24 10:09	08/21/24 17:41	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	08/17/24 10:09	08/21/24 17:41	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0019	1	08/17/24 10:09	08/21/24 17:41	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00032	1	08/17/24 10:09	08/21/24 17:41	7440-48-4	
Copper	ND	mg/L	0.0050	0.00043	1	08/17/24 10:09	08/21/24 17:41	7440-50-8	
Lead	ND	mg/L	0.0010	0.00016	1	08/17/24 10:09	08/21/24 17:41	7439-92-1	
Nickel	ND	mg/L	0.0050	0.0021	1	08/17/24 10:09	08/21/24 17:41	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00096	1	08/17/24 10:09	08/21/24 17:41	7782-49-2	
Silver	ND	mg/L	0.0050	0.00031	1	08/17/24 10:09	08/21/24 17:41	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00038	1	08/17/24 10:09	08/21/24 17:41	7440-28-0	
Vanadium	ND	mg/L	0.010	0.00075	1	08/17/24 10:09	08/21/24 17:41	7440-62-2	
Zinc	ND	mg/L	0.010	0.0024	1	08/17/24 10:09	08/21/24 17:41	7440-66-6	
2540C Total Dissolved Solids		Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA							
Total Dissolved Solids	242	mg/L	25.0	25.0	1		08/16/24 14:17		
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		08/16/24 00:42	16887-00-6	
Fluoride	0.15	mg/L	0.10	0.050	1		08/16/24 00:42	16984-48-8	
Sulfate	8.1	mg/L	1.0	0.50	1		08/16/24 00:42	14808-79-8	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92747047

Sample: HAM-HLF-GWC-19		Lab ID: 92747047022		Collected: 08/12/24 11:07		Received: 08/14/24 14:40		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA									
Calcium	48.1	mg/L	1.0	0.12	1	08/22/24 09:23	08/22/24 18:35	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	0.00054	1	08/17/24 10:09	08/21/24 17:45	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.00084	1	08/17/24 10:09	08/21/24 17:45	7440-38-2	
Barium	0.14	mg/L	0.0050	0.00047	1	08/17/24 10:09	08/21/24 17:45	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000094	1	08/17/24 10:09	08/21/24 17:45	7440-41-7	
Boron	0.16	mg/L	0.040	0.012	1	08/17/24 10:09	08/21/24 17:45	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	08/17/24 10:09	08/21/24 17:45	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0019	1	08/17/24 10:09	08/21/24 17:45	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00032	1	08/17/24 10:09	08/21/24 17:45	7440-48-4	
Copper	ND	mg/L	0.0050	0.00043	1	08/17/24 10:09	08/21/24 17:45	7440-50-8	
Lead	ND	mg/L	0.0010	0.00016	1	08/17/24 10:09	08/21/24 17:45	7439-92-1	
Nickel	ND	mg/L	0.0050	0.0021	1	08/17/24 10:09	08/21/24 17:45	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00096	1	08/17/24 10:09	08/21/24 17:45	7782-49-2	
Silver	ND	mg/L	0.0050	0.00031	1	08/17/24 10:09	08/21/24 17:45	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00038	1	08/17/24 10:09	08/21/24 17:45	7440-28-0	
Vanadium	ND	mg/L	0.010	0.00075	1	08/17/24 10:09	08/21/24 17:45	7440-62-2	
Zinc	ND	mg/L	0.010	0.0024	1	08/17/24 10:09	08/21/24 17:45	7440-66-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	236	mg/L	25.0	25.0	1		08/16/24 14:18		
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		08/16/24 01:25	16887-00-6	
Fluoride	0.14	mg/L	0.10	0.050	1		08/16/24 01:25	16984-48-8	
Sulfate	24.0	mg/L	1.0	0.50	1		08/16/24 01:25	14808-79-8	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92747047

Sample: HAM-GWC-23		Lab ID: 92747047023		Collected: 08/12/24 10:18		Received: 08/14/24 14:40		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010D ATL ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA							
Calcium	47.3	mg/L	1.0	0.12	1	08/22/24 09:23	08/22/24 18:39	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	0.00054	1	08/17/24 10:57	08/21/24 13:34	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.00084	1	08/17/24 10:57	08/21/24 13:34	7440-38-2	
Barium	0.075	mg/L	0.0050	0.00047	1	08/17/24 10:57	08/21/24 13:34	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000094	1	08/17/24 10:57	08/21/24 13:34	7440-41-7	
Boron	0.028J	mg/L	0.040	0.012	1	08/17/24 10:57	08/21/24 13:34	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	08/17/24 10:57	08/21/24 13:34	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0019	1	08/17/24 10:57	08/21/24 13:34	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00032	1	08/17/24 10:57	08/21/24 13:34	7440-48-4	
Copper	ND	mg/L	0.0050	0.00043	1	08/17/24 10:57	08/21/24 13:34	7440-50-8	
Lead	ND	mg/L	0.0010	0.00016	1	08/17/24 10:57	08/21/24 13:34	7439-92-1	
Nickel	ND	mg/L	0.0050	0.0021	1	08/17/24 10:57	08/21/24 13:34	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00096	1	08/17/24 10:57	08/21/24 13:34	7782-49-2	
Silver	ND	mg/L	0.0050	0.00031	1	08/17/24 10:57	08/21/24 13:34	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00038	1	08/17/24 10:57	08/21/24 13:34	7440-28-0	
Vanadium	ND	mg/L	0.010	0.00075	1	08/17/24 10:57	08/21/24 13:34	7440-62-2	
Zinc	ND	mg/L	0.010	0.0024	1	08/17/24 10:57	08/21/24 13:34	7440-66-6	
2540C Total Dissolved Solids		Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA							
Total Dissolved Solids	189	mg/L	25.0	25.0	1		08/16/24 14:18		
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		08/16/24 01:40	16887-00-6	
Fluoride	0.12	mg/L	0.10	0.050	1		08/16/24 01:40	16984-48-8	
Sulfate	6.0	mg/L	1.0	0.50	1		08/16/24 01:40	14808-79-8	

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QUALITY CONTROL DATA

Project: Huffaker Road Landfill
Pace Project No.: 92747047

QC Batch: 877200 Analysis Method: EPA 6010D
QC Batch Method: EPA 3010A Analysis Description: 6010D ATL
Laboratory: Pace Analytical Services - Peachtree Corners, GA
Associated Lab Samples: 92747047001, 92747047002, 92747047003, 92747047004, 92747047005, 92747047006, 92747047007, 92747047008, 92747047009, 92747047010, 92747047011, 92747047012, 92747047013, 92747047014, 92747047015, 92747047016, 92747047017, 92747047018

METHOD BLANK: 4518173 Matrix: Water
Associated Lab Samples: 92747047001, 92747047002, 92747047003, 92747047004, 92747047005, 92747047006, 92747047007, 92747047008, 92747047009, 92747047010, 92747047011, 92747047012, 92747047013, 92747047014, 92747047015, 92747047016, 92747047017, 92747047018

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Calcium	mg/L	ND	1.0	0.12	08/22/24 14:14	

LABORATORY CONTROL SAMPLE: 4518174

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Calcium	mg/L	1	1.2	117	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4518175 4518176

Parameter	Units	92747047001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Calcium	mg/L	59.2	1	1	57.2	57.8	-200	-144	75-125	1	20	M1

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QUALITY CONTROL DATA

Project: Huffaker Road Landfill
Pace Project No.: 92747047

QC Batch: 877247 Analysis Method: EPA 6010D
QC Batch Method: EPA 3010A Analysis Description: 6010D ATL
Laboratory: Pace Analytical Services - Peachtree Corners, GA
Associated Lab Samples: 92747047019, 92747047020, 92747047021, 92747047022, 92747047023

METHOD BLANK: 4518486 Matrix: Water
Associated Lab Samples: 92747047019, 92747047020, 92747047021, 92747047022, 92747047023

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Calcium	mg/L	ND	1.0	0.12	08/22/24 18:01	

LABORATORY CONTROL SAMPLE: 4518487

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Calcium	mg/L	1	1.1	115	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4518488 4518489

Parameter	Units	92747047019 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Calcium	mg/L	80.8	1	1	79.3	78.7	-153	-215	75-125	1	20	M1

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QUALITY CONTROL DATA

Project: Huffaker Road Landfill
Pace Project No.: 92747047

QC Batch: 875892 Analysis Method: EPA 6020B
QC Batch Method: EPA 3005A Analysis Description: 6020 MET
Laboratory: Pace Analytical Services - Peachtree Corners, GA
Associated Lab Samples: 92747047001, 92747047002, 92747047003, 92747047004

METHOD BLANK: 4511675 Matrix: Water
Associated Lab Samples: 92747047001, 92747047002, 92747047003, 92747047004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	mg/L	ND	0.0030	0.00054	08/19/24 15:35	
Arsenic	mg/L	ND	0.0050	0.00084	08/19/24 15:35	
Barium	mg/L	ND	0.0050	0.00047	08/19/24 15:35	
Beryllium	mg/L	ND	0.00050	0.000094	08/19/24 15:35	
Boron	mg/L	ND	0.040	0.012	08/19/24 15:35	
Cadmium	mg/L	ND	0.00050	0.00010	08/19/24 15:35	
Chromium	mg/L	ND	0.0050	0.0019	08/19/24 15:35	
Cobalt	mg/L	ND	0.0050	0.00032	08/19/24 15:35	
Copper	mg/L	ND	0.0050	0.00043	08/19/24 15:35	
Lead	mg/L	ND	0.0010	0.00016	08/19/24 15:35	
Nickel	mg/L	ND	0.0050	0.0021	08/19/24 15:35	
Selenium	mg/L	ND	0.0050	0.00096	08/19/24 15:35	
Silver	mg/L	ND	0.0050	0.00031	08/19/24 15:35	
Thallium	mg/L	ND	0.0010	0.00038	08/19/24 15:35	
Vanadium	mg/L	ND	0.010	0.00075	08/19/24 15:35	
Zinc	mg/L	ND	0.010	0.0024	08/19/24 15:35	

LABORATORY CONTROL SAMPLE: 4511676

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	mg/L	0.1	0.10	102	80-120	
Arsenic	mg/L	0.1	0.099	99	80-120	
Barium	mg/L	0.1	0.096	96	80-120	
Beryllium	mg/L	0.1	0.10	101	80-120	
Boron	mg/L	1	0.96	96	80-120	
Cadmium	mg/L	0.1	0.10	102	80-120	
Chromium	mg/L	0.1	0.10	101	80-120	
Cobalt	mg/L	0.1	0.10	100	80-120	
Copper	mg/L	0.1	0.10	101	80-120	
Lead	mg/L	0.1	0.099	99	80-120	
Nickel	mg/L	0.1	0.10	100	80-120	
Selenium	mg/L	0.1	0.099	99	80-120	
Silver	mg/L	0.1	0.10	100	80-120	
Thallium	mg/L	0.1	0.099	99	80-120	
Vanadium	mg/L	0.1	0.10	101	80-120	
Zinc	mg/L	0.1	0.10	102	80-120	

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QUALITY CONTROL DATA

Project: Huffaker Road Landfill
Pace Project No.: 92747047

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4511677 4511678												
Parameter	Units	92746288009	MS	MSD	MS	MSD	MS	MSD	% Rec	RPD	Max	Qual
		Result	Spike Conc.	Spike Conc.								
Antimony	mg/L	ND	0.1	0.1	0.10	0.10	103	103	75-125	0	20	
Arsenic	mg/L	ND	0.1	0.1	0.10	0.10	101	103	75-125	2	20	
Barium	mg/L	0.034	0.1	0.1	0.13	0.14	100	101	75-125	0	20	
Beryllium	mg/L	ND	0.1	0.1	0.098	0.10	98	101	75-125	2	20	
Boron	mg/L	0.59	1	1	1.6	1.6	101	105	75-125	2	20	
Cadmium	mg/L	ND	0.1	0.1	0.10	0.10	101	101	75-125	1	20	
Chromium	mg/L	ND	0.1	0.1	0.097	0.10	97	101	75-125	4	20	
Cobalt	mg/L	ND	0.1	0.1	0.096	0.099	96	99	75-125	3	20	
Copper	mg/L	ND	0.1	0.1	0.095	0.098	95	98	75-125	2	20	
Lead	mg/L	ND	0.1	0.1	0.095	0.097	95	97	75-125	2	20	
Nickel	mg/L	ND	0.1	0.1	0.096	0.099	96	99	75-125	3	20	
Selenium	mg/L	ND	0.1	0.1	0.099	0.10	98	101	75-125	3	20	
Silver	mg/L	ND	0.1	0.1	0.096	0.096	96	95	75-125	0	20	
Thallium	mg/L	ND	0.1	0.1	0.095	0.097	95	97	75-125	2	20	
Vanadium	mg/L	ND	0.1	0.1	0.097	0.10	97	101	75-125	3	20	
Zinc	mg/L	ND	0.1	0.1	0.096	0.099	95	98	75-125	3	20	

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QUALITY CONTROL DATA

Project: Huffaker Road Landfill
Pace Project No.: 92747047

QC Batch:	876138	Analysis Method:	EPA 6020B
QC Batch Method:	EPA 3005A	Analysis Description:	6020 MET
		Laboratory:	Pace Analytical Services - Peachtree Corners, GA

Associated Lab Samples: 92747047005, 92747047006, 92747047007, 92747047008, 92747047009, 92747047010, 92747047011, 92747047012, 92747047013, 92747047014, 92747047015, 92747047016, 92747047017, 92747047018

METHOD BLANK: 4513415 Matrix: Water

Associated Lab Samples: 92747047005, 92747047006, 92747047007, 92747047008, 92747047009, 92747047010, 92747047011, 92747047012, 92747047013, 92747047014, 92747047015, 92747047016, 92747047017, 92747047018

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	mg/L	ND	0.0030	0.00054	08/19/24 14:08	
Arsenic	mg/L	ND	0.0050	0.00084	08/19/24 14:08	
Barium	mg/L	ND	0.0050	0.00047	08/19/24 14:08	
Beryllium	mg/L	ND	0.00050	0.000094	08/19/24 14:08	
Boron	mg/L	ND	0.040	0.012	08/19/24 14:08	
Cadmium	mg/L	ND	0.00050	0.00010	08/19/24 14:08	
Chromium	mg/L	ND	0.0050	0.0019	08/19/24 14:08	
Cobalt	mg/L	ND	0.0050	0.00032	08/19/24 14:08	
Copper	mg/L	ND	0.0050	0.00043	08/19/24 14:08	
Lead	mg/L	ND	0.0010	0.00016	08/19/24 14:08	
Nickel	mg/L	ND	0.0050	0.0021	08/19/24 14:08	
Selenium	mg/L	ND	0.0050	0.00096	08/19/24 14:08	
Silver	mg/L	ND	0.0050	0.00031	08/19/24 14:08	
Thallium	mg/L	ND	0.0010	0.00038	08/19/24 14:08	
Vanadium	mg/L	ND	0.010	0.00075	08/19/24 14:08	
Zinc	mg/L	ND	0.010	0.0024	08/19/24 14:08	

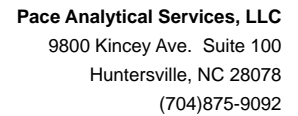
LABORATORY CONTROL SAMPLE: 4513416

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	mg/L	0.1	0.10	103	80-120	
Arsenic	mg/L	0.1	0.099	99	80-120	
Barium	mg/L	0.1	0.11	106	80-120	
Beryllium	mg/L	0.1	0.10	104	80-120	
Boron	mg/L	1	1.0	104	80-120	
Cadmium	mg/L	0.1	0.099	99	80-120	
Chromium	mg/L	0.1	0.10	105	80-120	
Cobalt	mg/L	0.1	0.10	102	80-120	
Copper	mg/L	0.1	0.10	103	80-120	
Lead	mg/L	0.1	0.10	102	80-120	
Nickel	mg/L	0.1	0.11	106	80-120	
Selenium	mg/L	0.1	0.10	100	80-120	
Silver	mg/L	0.1	0.11	108	80-120	
Thallium	mg/L	0.1	0.097	97	80-120	
Vanadium	mg/L	0.1	0.10	104	80-120	
Zinc	mg/L	0.1	0.10	105	80-120	

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Project: Huffaker Road Landfill
Pace Project No.: 92747047

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QUALITY CONTROL DATA

Project: Huffaker Road Landfill
Pace Project No.: 92747047

QC Batch: 876406 Analysis Method: EPA 6020B
QC Batch Method: EPA 3005A Analysis Description: 6020 MET
Laboratory: Pace Analytical Services - Peachtree Corners, GA
Associated Lab Samples: 92747047019, 92747047020, 92747047021, 92747047022

METHOD BLANK: 4514719 Matrix: Water
Associated Lab Samples: 92747047019, 92747047020, 92747047021, 92747047022

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	mg/L	ND	0.0030	0.00054	08/21/24 16:00	
Arsenic	mg/L	ND	0.0050	0.00084	08/21/24 16:00	
Barium	mg/L	ND	0.0050	0.00047	08/21/24 16:00	
Beryllium	mg/L	ND	0.00050	0.000094	08/21/24 16:00	
Boron	mg/L	ND	0.040	0.012	08/21/24 16:00	
Cadmium	mg/L	ND	0.00050	0.00010	08/21/24 16:00	
Chromium	mg/L	ND	0.0050	0.0019	08/21/24 16:00	
Cobalt	mg/L	ND	0.0050	0.00032	08/21/24 16:00	
Copper	mg/L	ND	0.0050	0.00043	08/21/24 16:00	
Lead	mg/L	ND	0.0010	0.00016	08/21/24 16:00	
Nickel	mg/L	ND	0.0050	0.0021	08/21/24 16:00	
Selenium	mg/L	ND	0.0050	0.00096	08/21/24 16:00	
Silver	mg/L	ND	0.0050	0.00031	08/21/24 16:00	
Thallium	mg/L	ND	0.0010	0.00038	08/21/24 16:00	
Vanadium	mg/L	ND	0.010	0.00075	08/21/24 16:00	
Zinc	mg/L	ND	0.010	0.0024	08/21/24 16:00	

LABORATORY CONTROL SAMPLE: 4514720

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	mg/L	0.1	0.10	102	80-120	
Arsenic	mg/L	0.1	0.099	99	80-120	
Barium	mg/L	0.1	0.096	96	80-120	
Beryllium	mg/L	0.1	0.10	102	80-120	
Boron	mg/L	1	0.98	98	80-120	
Cadmium	mg/L	0.1	0.10	102	80-120	
Chromium	mg/L	0.1	0.099	99	80-120	
Cobalt	mg/L	0.1	0.099	99	80-120	
Copper	mg/L	0.1	0.099	99	80-120	
Lead	mg/L	0.1	0.10	103	80-120	
Nickel	mg/L	0.1	0.098	98	80-120	
Selenium	mg/L	0.1	0.10	101	80-120	
Silver	mg/L	0.1	0.099	99	80-120	
Thallium	mg/L	0.1	0.10	100	80-120	
Vanadium	mg/L	0.1	0.10	100	80-120	
Zinc	mg/L	0.1	0.099	99	80-120	

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QUALITY CONTROL DATA

Project: Huffaker Road Landfill
Pace Project No.: 92747047

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4514743 4514744												
Parameter	Units	92747503015	MS	MSD	MS	MSD	MS	MSD	% Rec	RPD	Max	Qual
		Result	Spike Conc.	Spike Conc.								
Antimony	mg/L	ND	0.1	0.1	0.10	0.10	100	101	75-125	1	20	
Arsenic	mg/L	ND	0.1	0.1	0.099	0.099	99	99	75-125	0	20	
Barium	mg/L	21.6 ug/L	0.1	0.1	0.12	0.12	98	99	75-125	0	20	
Beryllium	mg/L	ND	0.1	0.1	0.091	0.089	91	89	75-125	2	20	
Boron	mg/L	ND	1	1	0.87	0.86	87	86	75-125	1	20	
Cadmium	mg/L	ND	0.1	0.1	0.099	0.10	99	100	75-125	1	20	
Chromium	mg/L	ND	0.1	0.1	0.10	0.10	99	99	75-125	1	20	
Cobalt	mg/L	6.9 ug/L	0.1	0.1	0.10	0.10	96	97	75-125	0	20	
Copper	mg/L	ND	0.1	0.1	0.095	0.095	95	95	75-125	0	20	
Lead	mg/L	ND	0.1	0.1	0.097	0.096	97	96	75-125	1	20	
Nickel	mg/L	ND	0.1	0.1	0.11	0.11	95	96	75-125	0	20	
Selenium	mg/L	ND	0.1	0.1	0.10	0.099	100	99	75-125	1	20	
Silver	mg/L	ND	0.1	0.1	0.096	0.096	96	96	75-125	0	20	
Thallium	mg/L	ND	0.1	0.1	0.095	0.093	95	93	75-125	2	20	
Vanadium	mg/L	ND	0.1	0.1	0.11	0.11	100	99	75-125	1	20	
Zinc	mg/L	ND	0.1	0.1	0.097	0.097	96	96	75-125	0	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Huffaker Road Landfill
Pace Project No.: 92747047

QC Batch:	876408	Analysis Method:	EPA 6020B
QC Batch Method:	EPA 3005A	Analysis Description:	6020 MET
		Laboratory:	Pace Analytical Services - Peachtree Corners, GA

Associated Lab Samples: 92747047023

METHOD BLANK: 4514729 Matrix: Water

Associated Lab Samples: 92747047023

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	mg/L	ND	0.0030	0.00054	08/21/24 13:26	
Arsenic	mg/L	ND	0.0050	0.00084	08/21/24 13:26	
Barium	mg/L	ND	0.0050	0.00047	08/21/24 13:26	
Beryllium	mg/L	ND	0.00050	0.000094	08/21/24 13:26	
Boron	mg/L	ND	0.040	0.012	08/21/24 13:26	
Cadmium	mg/L	ND	0.00050	0.00010	08/21/24 13:26	
Chromium	mg/L	ND	0.0050	0.0019	08/21/24 13:26	
Cobalt	mg/L	ND	0.0050	0.00032	08/21/24 13:26	
Copper	mg/L	ND	0.0050	0.00043	08/21/24 13:26	
Lead	mg/L	ND	0.0010	0.00016	08/21/24 13:26	
Nickel	mg/L	ND	0.0050	0.0021	08/21/24 13:26	
Selenium	mg/L	ND	0.0050	0.00096	08/21/24 13:26	
Silver	mg/L	ND	0.0050	0.00031	08/21/24 13:26	
Thallium	mg/L	ND	0.0010	0.00038	08/21/24 13:26	
Vanadium	mg/L	ND	0.010	0.00075	08/21/24 13:26	
Zinc	mg/L	ND	0.010	0.0024	08/21/24 13:26	

LABORATORY CONTROL SAMPLE: 4514730

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	mg/L	0.1	0.10	104	80-120	
Arsenic	mg/L	0.1	0.10	101	80-120	
Barium	mg/L	0.1	0.10	102	80-120	
Beryllium	mg/L	0.1	0.10	105	80-120	
Boron	mg/L	1	1.0	100	80-120	
Cadmium	mg/L	0.1	0.10	105	80-120	
Chromium	mg/L	0.1	0.10	104	80-120	
Cobalt	mg/L	0.1	0.10	102	80-120	
Copper	mg/L	0.1	0.10	104	80-120	
Lead	mg/L	0.1	0.10	103	80-120	
Nickel	mg/L	0.1	0.10	103	80-120	
Selenium	mg/L	0.1	0.10	102	80-120	
Silver	mg/L	0.1	0.10	101	80-120	
Thallium	mg/L	0.1	0.099	99	80-120	
Vanadium	mg/L	0.1	0.10	105	80-120	
Zinc	mg/L	0.1	0.10	102	80-120	

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QUALITY CONTROL DATA

Project: Huffaker Road Landfill
Pace Project No.: 92747047

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4514731 4514732											
Parameter	Units	92747047023	MS	MSD	MS	MSD	MS	MSD	% Rec	Limits	Max
		Result	Spike	Spike							
			Conc.	Conc.	Result	Result	% Rec	% Rec		RPD	RPD
Antimony	mg/L	ND	0.1	0.1	0.10	0.10	101	100	75-125	1	20
Arsenic	mg/L	ND	0.1	0.1	0.10	0.10	100	102	75-125	1	20
Barium	mg/L	0.075	0.1	0.1	0.17	0.17	100	98	75-125	1	20
Beryllium	mg/L	ND	0.1	0.1	0.097	0.097	97	97	75-125	1	20
Boron	mg/L	0.028J	1	1	0.95	0.94	92	91	75-125	1	20
Cadmium	mg/L	ND	0.1	0.1	0.10	0.10	101	102	75-125	1	20
Chromium	mg/L	ND	0.1	0.1	0.10	0.10	101	100	75-125	2	20
Cobalt	mg/L	ND	0.1	0.1	0.10	0.10	100	100	75-125	1	20
Copper	mg/L	ND	0.1	0.1	0.099	0.10	99	99	75-125	0	20
Lead	mg/L	ND	0.1	0.1	0.097	0.098	97	98	75-125	1	20
Nickel	mg/L	ND	0.1	0.1	0.098	0.10	98	100	75-125	2	20
Selenium	mg/L	ND	0.1	0.1	0.10	0.10	100	101	75-125	1	20
Silver	mg/L	ND	0.1	0.1	0.097	0.096	97	96	75-125	1	20
Thallium	mg/L	ND	0.1	0.1	0.095	0.095	95	95	75-125	0	20
Vanadium	mg/L	ND	0.1	0.1	0.10	0.10	102	100	75-125	1	20
Zinc	mg/L	ND	0.1	0.1	0.10	0.10	98	100	75-125	2	20

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QUALITY CONTROL DATA

Project: Huffaker Road Landfill
Pace Project No.: 92747047

QC Batch:	875847	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:	92747047001, 92747047002, 92747047003, 92747047004, 92747047005, 92747047006, 92747047007, 92747047008, 92747047009, 92747047010, 92747047011, 92747047012		

METHOD BLANK:	4511518	Matrix:	Water
Associated Lab Samples:	92747047001, 92747047002, 92747047003, 92747047004, 92747047005, 92747047006, 92747047007, 92747047008, 92747047009, 92747047010, 92747047011, 92747047012		

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	25.0	08/15/24 10:34	

LABORATORY CONTROL SAMPLE:	4511519					
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	400	396	99	80-120	

SAMPLE DUPLICATE:	4511520					
Parameter	Units	92746288012 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	263	263	0	10	

SAMPLE DUPLICATE:	4511521					
Parameter	Units	92747047003 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	419	418	0	10	

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QUALITY CONTROL DATA

Project: Huffaker Road Landfill
Pace Project No.: 92747047

QC Batch: 875851 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: 92747047013, 92747047014, 92747047015, 92747047016, 92747047017, 92747047018

METHOD BLANK: 4511546 Matrix: Water
Associated Lab Samples: 92747047013, 92747047014, 92747047015, 92747047016, 92747047017, 92747047018

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	25.0	08/15/24 10:43	

LABORATORY CONTROL SAMPLE: 4511547

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	400	396	99	80-120	

SAMPLE DUPLICATE: 4511548

Parameter	Units	92747047013 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	250	250	0	10	

SAMPLE DUPLICATE: 4511549

Parameter	Units	92746783020 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	162	154	5	10	

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QUALITY CONTROL DATA

Project: Huffaker Road Landfill
Pace Project No.: 92747047

QC Batch: 876190 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: 92747047019, 92747047020, 92747047021, 92747047022, 92747047023

METHOD BLANK: 4513596 Matrix: Water
Associated Lab Samples: 92747047019, 92747047020, 92747047021, 92747047022, 92747047023

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	25.0	08/16/24 14:10	

LABORATORY CONTROL SAMPLE: 4513597

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	400	415	104	80-120	

SAMPLE DUPLICATE: 4513598

Parameter	Units	92747267003 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	141	141	0	10	

SAMPLE DUPLICATE: 4513599

Parameter	Units	92747305002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	93.0	87.0	7	10	

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QUALITY CONTROL DATA

Project: Huffaker Road Landfill

Pace Project No.: 92747047

QC Batch: 875381 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: 92747047002, 92747047003, 92747047004, 92747047005, 92747047006

METHOD BLANK: 4509356 Matrix: Water
Associated Lab Samples: 92747047002, 92747047003, 92747047004, 92747047005, 92747047006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	08/13/24 22:40	
Fluoride	mg/L	ND	0.10	0.050	08/13/24 22:40	
Sulfate	mg/L	ND	1.0	0.50	08/13/24 22:40	

LABORATORY CONTROL SAMPLE: 4509357

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	51.1	102	90-110	
Fluoride	mg/L	2.5	2.6	104	90-110	
Sulfate	mg/L	50	51.1	102	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4509358 4509359

Parameter	Units	92746288005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	8.0	50	50	59.1	59.2	102	102	90-110	0	10	
Fluoride	mg/L	0.067J	2.5	2.5	2.9	2.9	113	114	90-110	0	10 M1	
Sulfate	mg/L	359	50	50	392	393	67	68	90-110	0	10 M1	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4509360 4509361

Parameter	Units	92746288015 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	4.0	50	50	54.3	55.1	101	102	90-110	2	10	
Fluoride	mg/L	0.13	2.5	2.5	2.6	2.7	100	103	90-110	3	10	
Sulfate	mg/L	19.7	50	50	70.6	71.3	102	103	90-110	1	10	

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QUALITY CONTROL DATA

Project: Huffaker Road Landfill
Pace Project No.: 92747047

QC Batch:	875382	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:	92747047007, 92747047008, 92747047009, 92747047010, 92747047011, 92747047012, 92747047013, 92747047014, 92747047015, 92747047016, 92747047017, 92747047018		

METHOD BLANK:	4509366	Matrix:	Water
Associated Lab Samples:	92747047007, 92747047008, 92747047009, 92747047010, 92747047011, 92747047012, 92747047013, 92747047014, 92747047015, 92747047016, 92747047017, 92747047018		

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	08/13/24 22:14	
Fluoride	mg/L	ND	0.10	0.050	08/13/24 22:14	
Sulfate	mg/L	ND	1.0	0.50	08/13/24 22:14	

LABORATORY CONTROL SAMPLE: 4509367						
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	51.2	102	90-110	
Fluoride	mg/L	2.5	2.7	107	90-110	
Sulfate	mg/L	50	51.4	103	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4509368 4509369												
Parameter	Units	92747047007	MS	MSD	MS	MSD	MS	MSD	% Rec	Max		
		Result	Spike	Spike								
Chloride	mg/L	1.7	50	50	51.3	52.3	99	101	90-110	2	10	
Fluoride	mg/L	0.11	2.5	2.5	2.4	2.5	91	94	90-110	3	10	
Sulfate	mg/L	47.1	50	50	96.4	97.4	99	101	90-110	1	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4509370 4509371												
Parameter	Units	92747047017	MS	MSD	MS	MSD	MS	MSD	% Rec	RPD	Max	Qual
		Result	Spike	Spike								
Chloride	mg/L	ND	50	50	49.5	50.2	99	100	90-110	2	10	
Fluoride	mg/L	ND	2.5	2.5	2.7	2.5	109	99	90-110	10	10	
Sulfate	mg/L	ND	50	50	49.7	50.0	99	100	90-110	1	10	

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QUALITY CONTROL DATA

Project: Huffaker Road Landfill
Pace Project No.: 92747047

QC Batch: 875477 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: 92747047001

METHOD BLANK: 4509662 Matrix: Water
Associated Lab Samples: 92747047001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	08/14/24 19:00	
Fluoride	mg/L	ND	0.10	0.050	08/14/24 19:00	
Sulfate	mg/L	ND	1.0	0.50	08/14/24 19:00	

LABORATORY CONTROL SAMPLE: 4509663

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	51.4	103	90-110	
Fluoride	mg/L	2.5	2.6	105	90-110	
Sulfate	mg/L	50	52.0	104	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4509664 4509665

Parameter	Units	92747402001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	10.2	50	50	60.5	61.6	101	103	90-110	2	10	
Fluoride	mg/L	ND	2.5	2.5	2.5	2.6	100	102	90-110	2	10	
Sulfate	mg/L	26.6	50	50	76.7	77.9	100	103	90-110	2	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4509666 4509667

Parameter	Units	92746783020 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	2.0	50	50	51.4	54.8	99	106	90-110	6	10	
Fluoride	mg/L	ND	2.5	2.5	2.5	2.7	98	104	90-110	7	10	
Sulfate	mg/L	2.3	50	50	51.7	55.2	99	106	90-110	6	10	

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QUALITY CONTROL DATA

Project: Huffaker Road Landfill

Pace Project No.: 92747047

QC Batch: 875792 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: 92747047019, 92747047020, 92747047021, 92747047022, 92747047023

METHOD BLANK: 4511349 Matrix: Water
Associated Lab Samples: 92747047019, 92747047020, 92747047021, 92747047022, 92747047023

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	08/15/24 19:12	
Fluoride	mg/L	ND	0.10	0.050	08/15/24 19:12	
Sulfate	mg/L	ND	1.0	0.50	08/15/24 19:12	

LABORATORY CONTROL SAMPLE: 4511350

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	51.2	102	90-110	
Fluoride	mg/L	2.5	2.6	102	90-110	
Sulfate	mg/L	50	50.5	101	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4511351 4511352

Parameter	Units	9274704001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	22.2	50	50	72.5	73.1	101	102	90-110	1	10	
Fluoride	mg/L	ND	2.5	2.5	2.7	2.7	103	105	90-110	2	10	
Sulfate	mg/L	60.0	50	50	92.9	93.1	66	66	90-110	0	10 M1	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4511353 4511354

Parameter	Units	92747047021 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	1.1	50	50	50.2	52.2	98	102	90-110	4	10	
Fluoride	mg/L	0.15	2.5	2.5	2.6	2.7	97	102	90-110	5	10	
Sulfate	mg/L	8.1	50	50	57.3	59.2	98	102	90-110	3	10	

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QUALIFIERS

Project: Huffaker Road Landfill
Pace Project No.: 92747047

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

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

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Huffaker Road Landfill

Pace Project No.: 92747047

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92747047001	HAM-GWA-2	EPA 3010A	877200	EPA 6010D	877281
92747047002	HAM-GWA-1	EPA 3010A	877200	EPA 6010D	877281
92747047003	HAM-GWA-3	EPA 3010A	877200	EPA 6010D	877281
92747047004	HAM-GWA-4	EPA 3010A	877200	EPA 6010D	877281
92747047005	HAM-GWA-11	EPA 3010A	877200	EPA 6010D	877281
92747047006	HAM-GWC-7	EPA 3010A	877200	EPA 6010D	877281
92747047007	HAM-HLF-GWC-8	EPA 3010A	877200	EPA 6010D	877281
92747047008	HAM-GWC-9	EPA 3010A	877200	EPA 6010D	877281
92747047009	HAM-GWC-10	EPA 3010A	877200	EPA 6010D	877281
92747047010	HAM-GWC-20	EPA 3010A	877200	EPA 6010D	877281
92747047011	HAM-GWC-21	EPA 3010A	877200	EPA 6010D	877281
92747047012	HAM-GWC-22	EPA 3010A	877200	EPA 6010D	877281
92747047013	HAM-HLF-FD-01	EPA 3010A	877200	EPA 6010D	877281
92747047014	HAM-HLF-FD-02	EPA 3010A	877200	EPA 6010D	877281
92747047015	HAM-HLF-EB-01	EPA 3010A	877200	EPA 6010D	877281
92747047016	HAM-HLF-FB-01	EPA 3010A	877200	EPA 6010D	877281
92747047017	HAM-HLF-EB-02	EPA 3010A	877200	EPA 6010D	877281
92747047018	HAM-HLF-FB-02	EPA 3010A	877200	EPA 6010D	877281
92747047019	HAM-GWC-5	EPA 3010A	877247	EPA 6010D	877528
92747047020	HAM-HLF-GWC-6	EPA 3010A	877247	EPA 6010D	877528
92747047021	HAM-GWC-18	EPA 3010A	877247	EPA 6010D	877528
92747047022	HAM-HLF-GWC-19	EPA 3010A	877247	EPA 6010D	877528
92747047023	HAM-GWC-23	EPA 3010A	877247	EPA 6010D	877528
92747047001	HAM-GWA-2	EPA 3005A	875892	EPA 6020B	876017
92747047002	HAM-GWA-1	EPA 3005A	875892	EPA 6020B	876017
92747047003	HAM-GWA-3	EPA 3005A	875892	EPA 6020B	876017
92747047004	HAM-GWA-4	EPA 3005A	875892	EPA 6020B	876017
92747047005	HAM-GWA-11	EPA 3005A	876138	EPA 6020B	876295
92747047006	HAM-GWC-7	EPA 3005A	876138	EPA 6020B	876295
92747047007	HAM-HLF-GWC-8	EPA 3005A	876138	EPA 6020B	876295
92747047008	HAM-GWC-9	EPA 3005A	876138	EPA 6020B	876295
92747047009	HAM-GWC-10	EPA 3005A	876138	EPA 6020B	876295
92747047010	HAM-GWC-20	EPA 3005A	876138	EPA 6020B	876295
92747047011	HAM-GWC-21	EPA 3005A	876138	EPA 6020B	876295
92747047012	HAM-GWC-22	EPA 3005A	876138	EPA 6020B	876295
92747047013	HAM-HLF-FD-01	EPA 3005A	876138	EPA 6020B	876295
92747047014	HAM-HLF-FD-02	EPA 3005A	876138	EPA 6020B	876295
92747047015	HAM-HLF-EB-01	EPA 3005A	876138	EPA 6020B	876295
92747047016	HAM-HLF-FB-01	EPA 3005A	876138	EPA 6020B	876295
92747047017	HAM-HLF-EB-02	EPA 3005A	876138	EPA 6020B	876295
92747047018	HAM-HLF-FB-02	EPA 3005A	876138	EPA 6020B	876295
92747047019	HAM-GWC-5	EPA 3005A	876406	EPA 6020B	876456
92747047020	HAM-HLF-GWC-6	EPA 3005A	876406	EPA 6020B	876456
92747047021	HAM-GWC-18	EPA 3005A	876406	EPA 6020B	876456
92747047022	HAM-HLF-GWC-19	EPA 3005A	876406	EPA 6020B	876456
92747047023	HAM-GWC-23	EPA 3005A	876408	EPA 6020B	876460

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Huffaker Road Landfill
Pace Project No.: 92747047

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92747047001	HAM-GWA-2	SM 2540C-2015	875847		
92747047002	HAM-GWA-1	SM 2540C-2015	875847		
92747047003	HAM-GWA-3	SM 2540C-2015	875847		
92747047004	HAM-GWA-4	SM 2540C-2015	875847		
92747047005	HAM-GWA-11	SM 2540C-2015	875847		
92747047006	HAM-GWC-7	SM 2540C-2015	875847		
92747047007	HAM-HLF-GWC-8	SM 2540C-2015	875847		
92747047008	HAM-GWC-9	SM 2540C-2015	875847		
92747047009	HAM-GWC-10	SM 2540C-2015	875847		
92747047010	HAM-GWC-20	SM 2540C-2015	875847		
92747047011	HAM-GWC-21	SM 2540C-2015	875847		
92747047012	HAM-GWC-22	SM 2540C-2015	875847		
92747047013	HAM-HLF-FD-01	SM 2540C-2015	875851		
92747047014	HAM-HLF-FD-02	SM 2540C-2015	875851		
92747047015	HAM-HLF-EB-01	SM 2540C-2015	875851		
92747047016	HAM-HLF-FB-01	SM 2540C-2015	875851		
92747047017	HAM-HLF-EB-02	SM 2540C-2015	875851		
92747047018	HAM-HLF-FB-02	SM 2540C-2015	875851		
92747047019	HAM-GWC-5	SM 2540C-2015	876190		
92747047020	HAM-HLF-GWC-6	SM 2540C-2015	876190		
92747047021	HAM-GWC-18	SM 2540C-2015	876190		
92747047022	HAM-HLF-GWC-19	SM 2540C-2015	876190		
92747047023	HAM-GWC-23	SM 2540C-2015	876190		
92747047001	HAM-GWA-2	EPA 300.0 Rev 2.1 1993	875477		
92747047002	HAM-GWA-1	EPA 300.0 Rev 2.1 1993	875381		
92747047003	HAM-GWA-3	EPA 300.0 Rev 2.1 1993	875381		
92747047004	HAM-GWA-4	EPA 300.0 Rev 2.1 1993	875381		
92747047005	HAM-GWA-11	EPA 300.0 Rev 2.1 1993	875381		
92747047006	HAM-GWC-7	EPA 300.0 Rev 2.1 1993	875381		
92747047007	HAM-HLF-GWC-8	EPA 300.0 Rev 2.1 1993	875382		
92747047008	HAM-GWC-9	EPA 300.0 Rev 2.1 1993	875382		
92747047009	HAM-GWC-10	EPA 300.0 Rev 2.1 1993	875382		
92747047010	HAM-GWC-20	EPA 300.0 Rev 2.1 1993	875382		
92747047011	HAM-GWC-21	EPA 300.0 Rev 2.1 1993	875382		
92747047012	HAM-GWC-22	EPA 300.0 Rev 2.1 1993	875382		
92747047013	HAM-HLF-FD-01	EPA 300.0 Rev 2.1 1993	875382		
92747047014	HAM-HLF-FD-02	EPA 300.0 Rev 2.1 1993	875382		
92747047015	HAM-HLF-EB-01	EPA 300.0 Rev 2.1 1993	875382		
92747047016	HAM-HLF-FB-01	EPA 300.0 Rev 2.1 1993	875382		
92747047017	HAM-HLF-EB-02	EPA 300.0 Rev 2.1 1993	875382		
92747047018	HAM-HLF-FB-02	EPA 300.0 Rev 2.1 1993	875382		
92747047019	HAM-GWC-5	EPA 300.0 Rev 2.1 1993	875792		
92747047020	HAM-HLF-GWC-6	EPA 300.0 Rev 2.1 1993	875792		
92747047021	HAM-GWC-18	EPA 300.0 Rev 2.1 1993	875792		
92747047022	HAM-HLF-GWC-19	EPA 300.0 Rev 2.1 1993	875792		
92747047023	HAM-GWC-23	EPA 300.0 Rev 2.1 1993	875792		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Huffaker Road Landfill
Pace Project No.: 92747047

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
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REPORT OF LABORATORY ANALYSIS



DC#_Title: ENV-FRM-HUN1-0083 v05_Sample Condition Upon Receipt

Effective Date: 05/24/2024

Laboratory receiving samples:

Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐ Atlanta ☒ Kernersville ☐Sample Condition
Upon Receipt

Client Name:

Georgia Power

Project #:

WO#: 92747047



Courier:

☐ Commercial☐ Fed Ex☒ Pace☐ UPS☐ USPS☐ Other: _____☐ Client

Custody Seal Present?

☐ Yes☐ No

Seals Intact?

☐ Yes☐ No☒ N/ADate/Initials Person Examining Contents: *8/12/24*
CH

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:

2.1

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):

*2.1*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 ☐ NoDid 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: <i>W</i>		
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: _____



Effective Date: 05/24/2024

WO#: 92747047

Project #

PM: BV

Due Date: 08/26/24

CLIENT: 92- GP-HAM

*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

Laboratory Receiving Location: Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐ Atlanta ☐ Kernersville ☐

Client _____ Profile/EZ (Circle one) _____ Notes _____

Client

Profile/EZ (Circle Only)

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-)	V5GU-20 mL Scintillation vials (N/A)		
CC																															
1		11					11																								
2																															
3																															
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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.

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:		Section D Required Analysis Filtered (Y/N)	
Company:	GA Power	Report To:	SCS Contacts	Attention:	Southern Co.		
Address:	Atlanta, GA	Company Name:	Geosyntec Contacts	Address:			
Email To:	SCS Contacts	Purchase Order No.:		Phone:	10839		
Phone:		Project Name:	Huffaker Road Landfill	Site Location	GA		
Fax:		Project Number:	GWM681E	STATE:			
Requested Due Date/AT:	10 Day						
Valid Matrix Codes		Valid Matrix Codes		Valid Matrix Codes		Valid Matrix Codes	
MATRIX CODE		MATRIX CODE		MATRIX CODE		MATRIX CODE	
SAMPLE TYPE		SAMPLE TYPE		SAMPLE TYPE		SAMPLE TYPE	
DATE		DATE		DATE		DATE	
TIME		TIME		TIME		TIME	
SAMPLE TEMP AT COLLECTION		SAMPLE TEMP AT COLLECTION		SAMPLE TEMP AT COLLECTION		SAMPLE TEMP AT COLLECTION	
# OF CONTAINERS		# OF CONTAINERS		# OF CONTAINERS		# OF CONTAINERS	
Unpreserved		Unpreserved		Unpreserved		Unpreserved	
H ₂ SO ₄		H ₂ SO ₄		H ₂ SO ₄		H ₂ SO ₄	
HNO ₃		HNO ₃		HNO ₃		HNO ₃	
HCl		HCl		HCl		HCl	
NaOH		NaOH		NaOH		NaOH	
Na ₂ S ₂ O ₃		Na ₂ S ₂ O ₃		Na ₂ S ₂ O ₃		Na ₂ S ₂ O ₃	
Methanol		Methanol		Methanol		Methanol	
Other		Other		Other		Other	
Analysis Test		Analysis Test		Analysis Test		Analysis Test	
Chloride, Fluoride, Sulfate		Chloride, Fluoride, Sulfate		Chloride, Fluoride, Sulfate		Chloride, Fluoride, Sulfate	
TDS		TDS		TDS		TDS	
Sb, As, Ba, Be, B, Cd, Ca, Cr, Co		Sb, As, Ba, Be, B, Cd, Ca, Cr, Co		Sb, As, Ba, Be, B, Cd, Ca, Cr, Co		Sb, As, Ba, Be, B, Cd, Ca, Cr, Co	
Cu, Pb, Ni, Se, Ag, Ti, V, Zn		Cu, Pb, Ni, Se, Ag, Ti, V, Zn		Cu, Pb, Ni, Se, Ag, Ti, V, Zn		Cu, Pb, Ni, Se, Ag, Ti, V, Zn	
Residual Chlorine (Y/N)		Residual Chlorine (Y/N)		Residual Chlorine (Y/N)		Residual Chlorine (Y/N)	
Pace Project No./ Lab I.D.		Pace Project No./ Lab I.D.		Pace Project No./ Lab I.D.		Pace Project No./ Lab I.D.	



DC#_Title: ENV-FRM-HUN1-0083 v05_Sample Condition Upon Receipt

Effective Date: 05/24/2024

Laboratory receiving samples:

Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐ Atlanta ☒ Knoxville ☐Sample Condition
Upon Receipt

Client Name:

Project #:

WO#: 92747047

PM: BV

Due Date: 08/26/24

CLIENT: 92- GP-HAM

Courier:

☐ Commercial☐ Fed Ex☒ Pace☐ UPS☐ USPS☐ Other: _____☐ Client

Custody Seal Present?

☐ Yes☒ No

Seals Intact?

☐ Yes☐ No☒ N/A

Date/Initials Person Examining Contents: 8/12/24

CAG

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:

2.1

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):

2.1

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 ☐ NoDid 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 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: _____

Effective Date: 05/24/2024

* 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 #

W0#: 92747047

PM: BV

Due Date: 08/26/24

CLIENT: 92- GP-HAM

Laboratory Receiving Location: Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐ Atlanta ☐ Kernersville ☐

Client _____ Profile/EZ (Circle one) _____ Notes _____

Client

Profile/EZ (Circle one)

Notes

Item#	CC	1	2	3	4	5	6	7	8	9	10	11	12	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 2N 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)	VG8T-40 mL VOA Na2SO3 (N/A)	VG8U-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-)	V5GU-20 mL Scintillation vials (N/A)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											

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.

Effective Date: 05/24/2024

WO#: 92747047

Project #

PM: BV

Due Date: 08/26/24

CLIENT: 92- GP-HAM

- *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, L.Hg
- **Bottom half of box is to list number of bottles
- ***Check all unpreserved Nitrates for chlorine

Laboratory Receiving Location: Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐ Atlanta ☐ Kernersville ☐

Client _____ Profile/EZ (Circle one) _____ Notes _____

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 2N 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 Na2SO3 (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)
CC																										
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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.

Section A

Section B

Section C

Required Client Information: Company: GA Power Address: Atlanta, GA		Required Project Information: Report To: SCS Contacts Copy To: Geosyntec Contacts		Invoice Information: Attention: Southern Co.	
SCS Contacts Email To: Phone: Fax: Requested Due Date/AT: 10 Day		Purchase Order No.: Project Name: Hufaker Road Landfill Project Number: GW6581E		Address: Company Name: Reference: Manager: Project Profile #: 10839	
REGULATORY AGENCY NPDES RCRA UST SITE Location STATE: GA			DRINKING WATER OTHER GCR		

Section D Required Client Information		Valid Matrix Codes	
MATRIX	CODE	DRINKING WATER	WASTE WATER
		WATER	WATER
		PRODUCT	PRODUCT
		SOIL	SOIL
		WIRE	WIRE
		OTHER	OTHER
		TEST	TEST

ADDITIONAL COMMENTS Task Code: HAM-CR-ASSM-202452		REINQUISHED BY / AFFILIATION Thomas W. W. / Geosyntec		DATE 08/11/2024		TIME 07:10		ACCEPTED BY / AFFILIATION Jacob W. W. / Geosyntec		DATE 08/11/2024		TIME 12:10		TEMP IN °C 18.10		RECEIVED ON 08/11/24		CUSTODY SEALED Cooler (Y/N)		SAMPLES INTACT (Y/N)	
---	--	---	--	---------------------------	--	----------------------	--	---	--	---------------------------	--	----------------------	--	----------------------------	--	--------------------------------	--	---------------------------------------	--	--------------------------------	--

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section D Required Client Information		Valid Matrix Codes CODE		COLLECTED		SAMPLE TEMP AT COLLECTION		Preservatives		Analysis Test		Residual Chlorine (Y/N)			
ITEM #	MATRIX CODE	DATE	TIME	DATE	TIME	# OF CONTAINERS	Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other	
															COMPOSITE START
1	HAM-HLF-FD-02	WG	G	08/11/2024	20	3	2	1							
2	HAM-HLF-EB-01	WG	G	08/11/2024	1700	20	3	2	1						
3	HAM-HLF-FB-01	WG	G	08/11/2024	1655	20	3	2	1						
4	HAM-HLF-EB-02	WG	G	08/11/2024	1625	20	3	2	1						
5	HAM-HLF-FB-02	WG	G	08/11/2024	1630	20	3	2	1						
6															
7															
8															
9															
10															
11															
12															
ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION		DATE		TIME		ACCEPTED BY / AFFILIATION		DATE		TIME		SAMPLE CONDITIONS	
Task Code: HAM-COR-ASS-VT-2024S2		Matthew Mesinger / Associates		08/12/2024		07:45		Jacob Tracy / Associates		08/12/2024		07:45			
		Jacob Tracy / Associates		08/12/2024		12:10		Loren Williams / Inc		08/12/2024		12:10			
		Loren Williams / Inc		8/12/2024		1352		Charles Spake / B/I/2024		8/12/2024		1352			
SAMPLER NAME AND SIGNATURE		PRINT Name of SAMPLER: Matthew Mesinger / Associates		DATE Signed: 08/11/2024		TIME Signed: 07:45		PRINT Name of SAMPLER: Jacob Tracy / Associates		DATE Signed: 08/12/2024		TIME Signed: 07:45			
		SIGNATURE of SAMPLER: [Signature]						SIGNATURE of SAMPLER: [Signature]							
Temp in °C		Received on Ice (Y/N)		Custody Sealed Cooler (Y/N)		Samples Intact (Y/N)									



DC#_Title: ENV-FRM-HUN1-0083 v05_Sample Condition Upon Receipt

Effective Date: 05/24/2024

Laboratory receiving samples:

Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐ Atlanta ☒ Kernersville ☐Sample Condition
Upon Receipt

Client Name:

Project #:

Courier:

☐ Commercial☐ Fed Ex☐ UPS☐ USPS☐ Client☐ Other:

Custody Seal Present?

☒ Yes☐ No

Seals Intact?

☒ Yes☐ No☐ N/ADate/Initials Person Examining Contents: PLA

Packing Material:

☒ Bubble Wrap☐ Bubble Bags☐ None☐ Other

Biological Tissue Frozen?

☐ Yes☐ No☒ N/A

Thermometer:

☐ IR Gun ID:214

Type of Ice:

☒ Wet☐ Blue☐ None

Cooler Temp:

3.0

Correction Factor:

Add/Subtract (°C)

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):

3.0USDA Regulated Soil (☐ N/A, water sample)Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? ☐ Yes ☐ NoDid 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: <u>W</u>				
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 v05_Sample Condition Upon Receipt

Effective Date: 05/24/2024

*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, UHg

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

***Check all unpreserved Nitrates for chlorine

Project #

Laboratory Receiving Location: Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐ Atlanta ☒ Kernersville ☐

Client

GA Power

Profile/EZ (Circle one)

Notes

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 2N 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)	DG84-40 mL Amber NH4Cl (N/A) (Cl-)	DG8H-40 mL VOA HCl (N/A)	VG5T-40 mL VOA Na2SO3 (N/A)	VG8U-40 mL VOA Unpreserved (N/A)	DG8V-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)		BP3B-250 mL Plastic (NH4)2SO4 (9.3-9.7)	AG6U-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).

F-A11-G-070-07, 15-F-00-2007

December 2024



December 09, 2024

Kristen Jurinko
Southern Company
241 Ralph McGill Blvd NE
Bin 10160
Atlanta, GA 30308

RE: Project: Huffaker Nov 2024 (Chloride)
Pace Project No.: 92767480

Dear Kristen Jurinko:

Enclosed are the analytical results for sample(s) received by the laboratory on December 05, 2024. 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

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

Sincerely,

Bonnie Vang
bonnie.vang@pacelabs.com
704-977-0968
Project Manager

Enclosures

cc: Kip Gray, Geosyntec
Christine Hug, Geosyntec Consultants, Inc.
Thomas Kessler, Geosyntec Consultants
Whitney Law, Geosyntec Consultants
Laura Midkiff, Southern Company
Caroline Nelson, Geosyntec Consultants, Inc
Jamie Newsome, Geosyntec Consultants
Zain Webb, Geosyntec Consultants



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: Huffaker Nov 2024 (Chloride)

Pace Project No.: 92767480

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

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: Huffaker Nov 2024 (Chloride)

Pace Project No.: 92767480

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92767480001	HAM-GWC-21	Water	12/03/24 09:38	12/05/24 11:35

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Huffaker Nov 2024 (Chloride)
Pace Project No.: 92767480

Lab ID	Sample ID	Method	Analysts	Analytes Reported
92767480001	HAM-GWC-21	EPA 300.0 Rev 2.1 1993	CDC	1

PASI-A = Pace Analytical Services - Asheville

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: Huffaker Nov 2024 (Chloride)
Pace Project No.: 92767480

Lab Sample ID	Client Sample ID					
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92767480001	HAM-GWC-21					
EPA 300.0 Rev 2.1 1993	Chloride	5.4	mg/L	1.0	12/06/24 06:35	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Huffaker Nov 2024 (Chloride)
Pace Project No.: 92767480

Sample: HAM-GWC-21		Lab ID: 92767480001		Collected: 12/03/24 09:38		Received: 12/05/24 11:35		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville							
Chloride	5.4	mg/L	1.0	0.60	1		12/06/24 06:35	16887-00-6	

REPORT OF LABORATORY ANALYSIS



QUALITY CONTROL DATA

Project: Huffaker Nov 2024 (Chloride)
Pace Project No.: 92767480

QC Batch:	900635	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: 92767480001

METHOD BLANK: 4636149 Matrix: Water
Associated Lab Samples: 92767480001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	12/05/24 21:55	

LABORATORY CONTROL SAMPLE: 4636150

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	50.7	101	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4636151 4636152

Parameter	Units	92767533001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	43.8	50	50	95.7	96.4	104	105	90-110	1	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4636153 4636154

Parameter	Units	92767550007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	753	50	50	802	792	98	79	90-110	1	10 M1	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: Huffaker Nov 2024 (Chloride)
Pace Project No.: 92767480

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

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 Nov 2024 (Chloride)
Pace Project No.: 92767480

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92767480001	HAM-GWC-21	EPA 300.0 Rev 2.1 1993	900635		

REPORT OF LABORATORY ANALYSIS



DC#_Title: ENV-FRM-HUN1-0083 v05_Sample Condition Upon Receipt

Effective Date: 05/24/2024

Laboratory receiving samples:

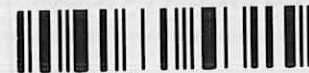
Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐ Atlanta ☒ Kernersville ☐Sample Condition
Upon Receipt

Client Name:

G A Power

Project #

WO#: 92767480



92767480

Courier:

☐ Commercial☐ Fed Ex☒ Pace☐ UPS☐ USPS☐ Other:☐ Client

Custody Seal Present?

☐ Yes☒ No

Seals Intact?

☐ Yes☐ No☒ N/ADate/Initials Person Examining Contents: 12/3/24
LOH

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:

3.1

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):

3.1

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 ☐ NoDid 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	7.
Containers Intact?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A	8.
Dissolved analysis: Samples Field Filtered?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A	9.
Sample Labels Match COC?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A	
-Includes Date/Time/ID/Analysis Matrix:	LOH 12/3/24 G A Power			
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	

Field Data Required? ☐ Yes ☐ No

COMMENTS/SAMPLE DISCREPANCY

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 v05_Sample Condition Upon Receipt

Effective Date: 05/24/2024

WO#: 92767480

Project # PM: BV Due Date: 12/12/24
CLIENT: 92- GP-HAM

*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

Laboratory Receiving Location: Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐ Atlanta ☐ Kernersville ☐

Client _____ Profile/EZ (Circle one) _____ Notes _____

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)	BP2Z-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)	DG9H-40 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2SO3 (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 (NH4)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	V5GU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)	
CC																														
1		↓																												
2																														
3																														
4																														
5																														
6																														
7																														
8																														
9																														
10																														
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.

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:

Company: GA Power

Address: Atlanta, GA

Email To: SCS Contacts

Phone: Fax:

Requested Due Date/TAT: 10 Day

Section B
Report Project Information:

Report To: SCS Contacts

Copy To: Geosyntec Contacts

Purchase Order No.: GPC82474-0001

Project Name: Huffaker Nov 2024 (Chloride)

Project Number:

Section C
Invoice Information:

Attention: Southern Co.

Company Name:

Address:

Reference:

Pace Project Manager: Bonnie Vang

Pace Profile #: 16483

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER

☐ UST ☐ RCRA ☐ OTHER CCR

Site Location

STATE: GA

Requested Analysis Filtered (Y/N)

SAMPLE ID
(A-Z, 0-9, /, -)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes
MATRIX CODE
DRINKING WATER DW
WASTE WATER WW
PRODUCT P
SOL/SOLID SL
OIL OL
WIRE WP
AIR AR
OTHER OT
TISSUE TS

MATRIX CODE (see valid codes to left)

SAMPLE TYPE (G=GRAB C=COMP)

COLLECTED		COMPOSITE		COMPOSITE	
DATE	TIME	DATE	TIME	DATE	TIME
12/3/2024	0930				

SAMPLE TEMP AT COLLECTION

OF CONTAINERS

Preservatives
Unpreserved
H₂SO₄
HNO₃
HCl
NaOH
Na₂S₂O₃
Methanol
Other

Analysis Test

300 0-Cl

Residual Chlorine (Y/N)

Pace Project No./ Lab I.D.
92762440
1201

ADDITIONAL COMMENTS

Task Code HAM-COR-ASSMT-2024S2R1

RELINQUISHED BY / AFFILIATION

DATE

TIME

ACCEPTED BY / AFFILIATION

DATE

TIME

SAMPLE CONDITIONS

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Zain Webb / Geosyntec Consultants, Inc.

SIGNATURE of SAMPLER: Zain Webb

DATE Signed (MM/DD/YY): 12/3/24

Temp in °C
Received on Ice (Y/N)
Custody Sealed Cooler (Y/N)
Samples Intact (Y/N)

VALIDATION REPORTS

February 2024

Memorandum

Date: 31 May 2024
To: Caroline Nelson
Christine Hug
From: Ashley Wilson
CC: Kristoffer Henderson
Subject: **Stage 2A Data Validation - Level II Data Deliverable – Pace Analytical Project Services, Project Number: 92715006 Revision 1**

SITE: Huffaker Road Landfill

INTRODUCTION

This report summarizes the findings of the Stage 2A data validation of seventeen aqueous samples, two field duplicates, two field blanks and two equipment blanks, collected 19-21 February 2024, as part of the Plant Hammond 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
- Metals by US EPA Method 3010A/6010D

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

- Anions (chloride, fluoride and sulfate) by US EPA Method 300.0 Rev 2.1 1993
- Alkalinity as CaCO₃ (total, bicarbonate and carbonate) by SM 2320B-2011
- Sulfide by SM 4500-S2D-2011
- Total Dissolved Solids (TDS) by Standard Method (SM) 2540C-2015

EXECUTIVE SUMMARY

Overall, based on this Stage 2A data validation covering the quality control (QC) parameters listed below and based on the information provided, the data as qualified are usable for supporting project objectives. The qualified data should be used within the limitations of the qualifications. If there are results with two or more different qualifications due to multiple QC

failures, the final qualification is reconciled in the electronic data deliverable (EDD) with qualifications.

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

- US EPA Region IV Data Validation Standard Operating Procedures (US EPA Region IV, September 2011);
- USEPA National Functional Guidelines for Inorganic Superfund Methods Data Review, November 2020 (EPA 542-R-20-006); and
- American National Standard, Verification and Validation of Radiological Data for use in Waste Management and Environmental Remediation, February 15, 2012 (ANSI/ANS- 41.5-2012).

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

Laboratory IDs	Client IDs
92715006001	HAM-GWA-1
92715006002	HAM-GWA-2
92715006003	HAM-GWA-3
92715006004	HAM-GWA-4
92715006005	HAM-GWA-11
92715006006	HAM-GWC-10
92715006007	HAM-GWC-5
92715006008	HAM-GWC-9
92715006009	HAM-GWC-18
92715006010	HAM-HLF-GWC-19
92715006011	HAM-GWC-20
92715006012	HAM-GWC-21

Laboratory IDs	Client IDs
92715006013	HAM-GWC-22
92715006014	HAM-GWC-23
92715006015	HAM-HLF-EB-01
92715006016	HAM-HLF-FB-01
92715006017	HAM-HLF-FD-02
92715006018	HAM-HLF-GWC-6
92715006019	HAM-GWC-7
92715006020	HAM-HLF-GWC-8
92715006021	HAM-HLF-EB-02
92715006022	HAM-HLF-FB-02
92715006023	HAM-HLF-FD-01

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

The laboratory report was revised to update the reporting limit (RL) for arsenic. The revised report was identified as 92715006 Revision 1.

1.0 METALS

The samples were analyzed for metals by US EPA methods 3005A/6020B and 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%.

1.1.1 **Analysis Anomaly**

The laboratory flagged the boron concentrations in samples HAM-GWA-2, HAM-GWA-3 and HAM-GWA-4 with “BC” due to a detection in an associated blank at a concentration above 1/2 the reporting limit but below the laboratory reporting limit. Therefore, the concentration of boron in samples HAM-GWA-2, HAM-GWA-3 and HAM-GWA-4 were J+ qualified as estimated.

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
HAM-GWA-2	Boron	0.083	BC	0.083	J+	BC
HAM-GWA-3	Boron	0.082	BC	0.082	J+	BC
HAM-GWA-4	Boron	0.059	BC	0.059	J+	BC

mg/L- milligram per liter

BC- detection in an associated blank at a concentration above 1/2 the reporting limit but below the laboratory reporting limit

* Validation qualifiers are defined in Attachment 1 at the end of this report

**Reason codes are defined in Attachment 2 at the end of this report

1.2 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). The metals were not detected in the method blanks at or above the method detection limits (MDLs), with the following exception.

Vanadium (0.00078 mg/L) was detected in the method blank in batch 835235 at an estimated concentration greater than the MDL and less than the RL. Since vanadium 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). Sample set specific MS/MSD pairs were reported for metals by US EPA methods 6020B and 6010D, using samples HAM-GWA-3 and HAM-GWC-21. The recovery and relative percent difference (RPD) results were within the laboratory specified acceptance criteria, with the following exceptions.

One or both recoveries of calcium, magnesium and sodium in the MS/MSD pair using sample HAM-GWA-3 were high and outside of laboratory specified acceptance criteria. Since the calcium, magnesium and sodium concentrations in sample HAM-GWA-3 were greater than four times the spiked concentrations, no qualifications were applied to the data based on the MS/MSD recovery results.

Batch MS/MSDs were also reported for both methods. Since these were batch QC, the results do not affect the samples in this data set and qualifications were not applied to the data.

1.5 Laboratory Control Sample (LCS)

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

1.6 Equipment Blank

Two equipment blanks were collected with the sample set, HAM-HLF-EB-01 and HAM-HLF-EB-02. Metals were not detected in the equipment blanks at or above the MDLs, with the following exception.

Copper (0.00083 mg/L) was detected at an estimated concentration greater than the MDL and less than the RL in HAM-HLF-EB-02. Therefore, the estimated concentration of copper in HAM-GWC-21 was U qualified as not detected at or above the RL.

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier*	Reason Code**
HAM-GWC-21	Copper	0.00075	J	0.0050	U	BEL

mg/L- milligram per liter

J-the result is less than RL but greater than the MDL and the concentration is an approximate value

* Validation qualifiers are defined in Attachment 1 at the end of this report

**Reason codes are defined in Attachment 2 at the end of this report

1.7 Field Blank

Two field blanks were collected with the sample set, HAM-HLF-FB-01 and HAM-HLF-FB-02. Metals were not detected in the field blanks at or above the MDLs.

1.8 Field Duplicate

Two field duplicate samples were collected with the sample set, HAM-HLF-FD-01 and HAM-HLF-FD-02. Acceptable precision (RPD < 30%) was demonstrated between the field duplicate and the original samples, HAM-GWC-7 and HAM-HLF-GWC-19, respectively.

1.9 Sensitivity

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

1.10 Electronic Data Deliverable Review

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

2.0 WET CHEMISTRY

The samples were analyzed for chloride, fluoride and sulfate by US EPA method 300.0 Rev 2.1 1993, TDS by SM 2540C-2015, alkalinity as CaCO₃ (total, bicarbonate and carbonate) by SM 2320B-2011 and sulfide by SM 4500-S2D-2011.

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 times for water samples are listed below. The holding times were met for the sample analyses.

Analysis	Holding Time
Anions (fluoride, chloride and sulfate)	28 days from collection to analysis
TDS	7 days from collection to analysis
Alkalinity	14 days from collection to analysis
Sulfide	7 days from collection to analysis

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). The wet chemistry parameters were not detected in the method blanks at or above the MDLs.

2.4 Matrix Spike/Matrix Spike Duplicate

MS/MSDs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Two sample set specific MS/MSD pairs were reported for chloride, fluoride and sulfate using samples HAM-GWA-4 and HAM-GWC-23. One sample set specific MS/MSD pair was reported for sulfide using sample HAM-GWC-22. Two sample set specific MS/MSD pairs were reported for alkalinity using samples HAM-GWA-1 and HAM-GWA-2. The recovery and RPD results were within the laboratory specified acceptance criteria.

2.5 Laboratory Control Sample

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

2.6 Laboratory Duplicate

Two laboratory duplicates were reported for TDS using samples HAM-GWA-1 and HAM-GWC-9. The RPD results were within the laboratory specified acceptance criteria.

2.7 Equipment Blank

Two equipment blanks were collected with the sample set, HAM-HLF-EB-01 and HAM-HLF-EB-02. The wet chemistry parameters were not detected in the equipment blank at or above the MDLs, with the following exception.

TDS (148 and 41.0 mg/L) was detected in HAM-HLF-EB-01 and HAM-HLF-EB-02, respectively, at concentrations greater than the RL. Since these were qualified due to field blank contamination, no additional qualifications were applied to the data.

2.8 Field Blank

Two field blanks were collected with the sample set, HAM-HLF-FB-01 and HAM-HLF-FB-02. The wet chemistry parameters were not detected in the field blank at or above the MDLs, with the following exceptions.

TDS (213 and 253 mg/L) was detected in HAM-HLF-FB-01 and HAM-HLF-FB-02, respectively, at concentrations greater than the RL. Therefore, the concentrations of TDS in samples HAM-GWA-1, HAM-GWA-11, HAM-GWC-10, HAM-GWC-18, HAM-GWC-21, HAM-GWC-22, HAM-HLF-EB-01 and HAM-HLF-EB-02 were U qualified as not detected at the reported concentration and the concentrations of TDS in samples HAM-GWA-2, HAM-GWA-3, HAM-GWA-4, HAM-GWC-20, HAM-GWC-23, HAM-GWC-5, HAM-GWC-7, HAM-GWC-9, HAM-HLF-FD-01, HAM-HLF-FD-02, HAM-HLF-GWC-19 and HAM-HLF-GWC-6 were J+ qualified as estimated with high bias.

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
HAM-GWA-1	TDS	107	NA	107	U	FBC2
HAM-GWA-11	TDS	193	NA	193	U	FBC2
HAM-GWA-2	TDS	370	NA	370	J+	FBC2
HAM-GWA-3	TDS	380	NA	380	J+	FBC2
HAM-GWA-4	TDS	433	NA	433	J+	FBC2
HAM-GWC-10	TDS	198	NA	198	U	FBC2
HAM-GWC-18	TDS	250	NA	250	U	FBC2
HAM-GWC-20	TDS	369	NA	369	J+	FBC2
HAM-GWC-21	TDS	126	NA	126	U	FBC2
HAM-GWC-22	TDS	220	NA	220	U	FBC2
HAM-GWC-23	TDS	263	NA	263	J+	FBC2
HAM-GWC-5	TDS	407	NA	407	J+	FBC2
HAM-GWC-7	TDS	310	NA	310	J+	FBC2
HAM-GWC-9	TDS	301	NA	301	J+	FBC2
HAM-HLF-EB-01	TDS	148	NA	148	U	FBC2
HAM-HLF-EB-02	TDS	41.0	NA	41.0	U	FBC2
HAM-HLF-FD-01	TDS	338	NA	338	J+	FBC2
HAM-HLF-FD-02	TDS	290	NA	290	J+	FBC2
HAM-HLF-GWC-19	TDS	306	NA	306	J+	FBC2
HAM-HLF-GWC-6	TDS	275	NA	275	J+	FBC2

mg/L- milligram per liter

NA-not applicable

2.9 Field Duplicate

Two field duplicate samples were collected with the sample set, HAM-AP4-FD-01 and HAM-AP4-FD-02. Acceptable precision (RPD < 30%) was demonstrated between the field duplicate and the original samples, HAM-GWC-7 and HAM-HLF-GWC-19, respectively.

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 at or 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

DQM Reason Code	Description
AB1	> Samples in batch
AB2	QC sample missing
AB3	Batch analysis time exceeded
BAH	Contamination detected in the Ambient Blank greater than or equal to the Quantitation Limit.
BAL	Contamination detected in the Ambient Blank less than the Quantitation Limit.
BC	Calibration blank contamination
BC1	assoc. result < RL
BC2	assoc. result > RL < mult.
BC3	assoc. result > RL > mult.
BEH	Contamination detected in the Equipment Blank greater than or equal to the Quantitation Limit.
BEL	Contamination detected in the Equipment Blank less than the Quantitation Limit.
BF	Field blank contamination
BF1	assoc. result < RL
BF2	assoc. result > RL < mult.
BF3	assoc. result > RL > mult.
BFH	Contamination detected in the Field Blank greater than or equal to the Quantitation Limit.
BFL	Contamination detected in the Field Blank less than the Quantitation Limit.
BL	Laboratory blank contamination
BL1	assoc. result < RL
BL2	assoc. result > RL < mult.
BL3	assoc. result > RL > mult.
BLH	Contamination detected in the Lab Blank greater than or equal to the Quantitation Limit.
BLL	Contamination detected in the Lab Blank less than the Quantitation Limit.
BT	Trip blank contamination
BT1	assoc. result < RL
BT2	assoc. result > RL < mult.
BT3	assoc. result > RL > mult.
BTH	Contamination detected in the Trip Blank greater than or equal to the Quantitation Limit.
BTL	Contamination detected in the Trip Blank less than the Quantitation Limit.
CA1	Column difference
CC1	CCV %D
CC2	CCV %R
CC3	CCV RRF
CI1	IC RSD
CI2	IC RRF
CR1	Calibration range

DQM Reason Code	Description
CV1	ICV or CCV %D
CV2	ICV or CCV %R
CV3	ICV CCV RRF
DF1	Dilution Factor > 1
DL	Dilution Factor > 1
DVT1	The Dissolved Result > Total Result and the absolute difference > the AD_MULTIPLIER_CL * Detection Limit
DVT2	The Dissolved Result > Total Result and the absolute difference > AD_MULTIPLIER_UCO * Detection Limit
DVT3	The Dissolved Result > Total Result and the relative percent difference (RPD) > RPD_CL
DVT4	The Dissolved Result > Total Result and the relative percent difference (RPD) > RPD_UCO
ER1	MDL=<RESULT<RL (INORGANIC)
ER2	MDL=<RESULT<RL (ORGANIC)
FBC1	BLANK CONTAMINATION
FBC2	RESULT < BLANK * MULTIPLIER
FBC3	RESULT > BLANK * MULTIPLIER
FD1	Field duplicate RPD
FD2	Field duplicate abs. diff.
GHT1	GROSS_QUALIFIER_HIT
GHT2	GROSS_QUALIFIER_NON_DETECT
HP1	Hydrocarbon pattern
HT1	Holding time samp. to preservation
HT2	Holding time samp. to analysis
HT3	Holding time gros. samp. to pres.
HT4	Holding time gros. samp. to analysis
IS1	Internal standard
LBC1	BLANK CONTAMINATION
LBC2	RESULT < BLANK * MULTIPLIER
LBC3	RESULT > BLANK * MULTIPLIER
LD1	Lab duplicate RPD
LD2	Lab duplicate abs. diff.
LS1	LS %R
LS2	LS RPD
MS1	MS %R
MS2	MS RPD
MS3	Parent >4x spike
MS4	Spike diluted out

DQM Reason Code	Description
NP1	Non-Preferred Result
NR1	NUMERIC RESULTS
OT1	Other quality issue
PS1	BETWEEN CONTROL AND WARNING LIMITS
PS2	INVALID
PS3	LESS THAN LOWER CONTROL LIMIT
PS4	LESS THAN LOWER WARNING LIMIT
PT1	The preservative for this test id does not match the required preservative in RT_HOLDING_TIME.
RDL1	EXCEEDS REQUIRED DETECTION LIMIT
RL1	ND > project limit
RO1	Other rad. issue
RPD1	LCS/LCSD
RPD2	LCS/LCSD_NON_DETECT
RPD3	MS/MSD
RPD4	MS/MSD_NON_DETECT
RPD5	Orig/Dup
RPD6	Orig/Dup_NON_DETECT
RPDF1	FIELD DUPLICATE
RPDF2	FIELD DUPLICATE_NON_DETECT
RQ1	Rad. quantitation issue
RR1	Repeated result same method
RR2	Repeated result diff. method
RSD1	RSD exceeds CL for LCS sample
RSD2	RSD exceeds CL for MS sample
RSD3	RSD exceeds CL for Lab sample
RSD4	RSD exceeds CL for Field sample
RY1	Tracer or carrier
SD1	Serial dilution
SO1	High moisture
SO2	Wet weight
SP1	Preservation, temp
SP2	Preservation, pH
SP3	Preservation, headspace
SPR1	BLANK SPIKE > UCL
SPR10	EarthSoft.DQM.SpikeRecovery2
SPR11	EarthSoft.DQM.SpikeRecovery2
SPR12	EarthSoft.DQM.SpikeRecovery2
SPR2	INORGANIC SPIKE > UCL

DQM Reason Code	Description
SPR3	ORGANIC SPIKE > UCL
SPR4	LCL > BLANK > LOW_CUTOFF
SPR5	LCL > INORG > LOW_CUTOFF
SPR6	LCL > ORG > LOW_CUTOFF
SPR7	BLANK SPIKE < LOW_CUTOFF
SPR8	INORGANIC SPIKE < LOW_CUTOFF
SPR9	ORGANIC SPIKE < LOW_CUTOFF
SU	Surrogate outlier
SU1	Surrogate
SU2	Surrogate diluted out
SURR1	ASSO. DETECTS OF LCL > REC > LOW_CUTOFF
SURR10	EarthSoft.DQM.SurrogateRecovery
SURR11	EarthSoft.DQM.SurrogateRecovery
SURR12	EarthSoft.DQM.SurrogateRecovery
SURR2	ASSO. DETECTS OF REC < LOW_CUTOFF
SURR3	ASSO. DETECTS OF REC > UCL
SURR4	ASSO. NDS OF LCL > REC > LOW_CUTOFF
SURR5	ASSO. NDS OF REC < LOW_CUTOFF
SURR6	ASSO. NDS OF REC > UCL
SURR7	LCL > REC > LOW_CUTOFF
SURR8	REC < LOW_CUTOFF
SURR9	REC > UCL
TBC1	BLANK CONTAMINATION
TBC2	RESULT < BLANK * MULTIPLIER
TBC3	RESULT > BLANK * MULTIPLIER
TR	Trace Detection
TR1	Trace detection
TRA1	Tracer is outside of UCL or LCL
TRA2	Associated result of a tracer less than the LCL
TRA3	Associated detect result of a tracer greater than the UCL
VC1	Canister vacuum
VC2	Canister contamination
VSU1	INVALID SAMPLE UNIT TYPE
VSU2	MISSING SAMPLE UNIT TYPE
VSU3	NON-DEFAULT RESULT UNIT

August 2024

Memorandum

Date: 10 December 2024
To: Caroline Nelson
Christine Hug
From: Ashley Wilson
CC: Kristoffer Henderson
Subject: **Stage 2A Data Validation - Level II Data Deliverable – Pace Analytical Project Services, Project Number: 92747047**

SITE: Huffaker Road Landfill

INTRODUCTION

This report summarizes the findings of the Stage 2A data validation of seventeen aqueous samples, two field duplicates, two field blanks and two equipment blanks, collected 10-12 August 2024, as part of the Plant Hammond 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
- Metals by US EPA Method 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

Overall, based on this Stage 2A data validation covering the quality control (QC) parameters listed below and based on the information provided, the data as qualified are usable for supporting project objectives. The qualified data should be used within the limitations of the qualifications. If there are results with two or more different qualifications due to multiple QC failures, the final qualification is reconciled in the electronic data deliverable (EDD) with qualifications.

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

- US EPA Region IV Data Validation Standard Operating Procedures (US EPA Region IV, September 2011);
- USEPA National Functional Guidelines for Inorganic Superfund Methods Data Review, November 2020 (EPA 542-R-20-006); and
- American National Standard, Verification and Validation of Radiological Data for use in Waste Management and Environmental Remediation, February 15, 2012 (ANSI/ANS- 41.5-2012).

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

Laboratory IDs	Client IDs
92747047001	HAM-GWA-2
92747047002	HAM-GWA-1
92747047003	HAM-GWA-3
92747047004	HAM-GWA-4
92747047005	HAM-GWA-11
92747047006	HAM-GWC-7
92747047007	HAM-HLF-GWC-8
92747047008	HAM-GWC-9
92747047009	HAM-GWC-10
92747047010	HAM-GWC-20
92747047011	HAM-GWC-21
92747047012	HAM-GWC-22

Laboratory IDs	Client IDs
92747047013	HAM-HLF-FD-01
92747047014	HAM-HLF-FD-02
92747047015	HAM-HLF-EB-01
92747047016	HAM-HLF-FB-01
92747047017	HAM-HLF-EB-02
92747047018	HAM-HLF-FB-02
92747047019	HAM-GWC-5
92747047020	HAM-HLF-GWC-6
92747047021	HAM-GWC-18
92747047022	HAM-HLF-GWC-19
92747047023	HAM-GWC-23

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 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 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). The metals were not detected in the method blanks at or above the method detection limits (MDLs).

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

MS/MSDs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Sample set specific MS/MSD pairs were reported for metals by US EPA methods 6020B and 6010D, using samples HAM-GWA-2, HAM-GWC-5, HAM-GWA-11 and HAM-GWC-23. The recovery and relative percent difference (RPD) results were within the laboratory specified acceptance criteria, with the following exceptions.

The recoveries of calcium in the MS/MSD pairs using samples HAM-GWA-2 and HAM-GWC-5 were low and outside of laboratory specified acceptance criteria. Since the calcium concentrations in samples HAM-GWA-2 and HAM-GWC-5 were greater than four times the spiked concentrations, no qualifications were applied to the data based on the MS/MSD recovery results.

Batch MS/MSDs were also reported for both methods. Since these were batch QC, the results do not affect the samples in this data set and qualifications were not applied to the data.

1.5 Laboratory Control Sample (LCS)

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

1.6 Equipment Blank

Two equipment blanks were collected with the sample set, HAM-HLF-EB-01 and HAM-HLF-EB-02. Metals were not detected in the equipment blanks at or above the MDLs.

1.7 Field Blank

Two field blanks were collected with the sample set, HAM-HLF-FB-01 and HAM-HLF-FB-02. Metals were not detected in the field blanks at or above the MDLs.

1.8 Field Duplicate

Two field duplicate samples were collected with the sample set, HAM-HLF-FD-01 and HAM-HLF-FD-02. Acceptable precision ($RPD < 30\%$) was demonstrated between the field duplicate and the original samples, HAM-GWC-22 and HAM-HLF-GWC-8, respectively.

1.9 Sensitivity

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

1.10 Electronic Data Deliverable Review

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

2.0 WET CHEMISTRY

The 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 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 times for water samples are listed below. The holding times were met for the sample analyses.

Analysis	Holding Time
Anions (fluoride, chloride and sulfate)	28 days from collection to analysis
TDS	7 days from collection to analysis
Alkalinity	14 days from collection to analysis
Sulfide	7 days from collection to analysis

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). The wet chemistry parameters were not detected in the method blanks at or above the MDLs.

2.4 **Matrix Spike/Matrix Spike Duplicate**

MS/MSDs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Two sample set specific MS/MSD pairs were reported for chloride, fluoride and sulfate using samples HAM-HLF-GWC-8, HAM-HLF-EB-02 and HAM-GWC-18. The recovery and RPD results were within the laboratory specified acceptance criteria.

2.5 Laboratory Control Sample

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

2.6 Laboratory Duplicate

Two laboratory duplicates were reported for TDS using samples HAM-GWA-3 and HAM-HLF-FD-01. The RPD results were within the laboratory specified acceptance criteria.

2.7 Equipment Blank

Two equipment blanks were collected with the sample set, HAM-HLF-EB-01 and HAM-HLF-EB-02. The wet chemistry parameters were not detected in the equipment blank at or above the MDLs, with the following exceptions.

TDS (29.0 and 54.0 mg/L) was detected in HAM-HLF-EB-01 and HAM-HLF-EB-02, respectively, at concentrations greater than the reporting limit (RL). Since these were qualified due to field blank contamination, no additional qualifications were applied to the data.

2.8 Field Blank

Two field blanks were collected with the sample set, HAM-HLF-FB-01 and HAM-HLF-FB-02. The wet chemistry parameters were not detected in the field blank at or above the MDLs, with the following exceptions.

TDS (61.0 and 115 mg/L) was detected in HAM-HLF-FB-01 and HAM-HLF-FB-02, respectively, at concentrations greater than the RL. Therefore, the concentrations of TDS in samples HAM-HLF-EB-01 and HAM-HLF-EB-02 were U qualified as not detected at the reported concentration and the concentrations of TDS greater than the RL and less than ten times the equipment blank concentration in samples HAM-GWA-1, HAM-GWA-11, HAM-GWA-2, HAM-GWA-3, HAM-GWA-4, HAM-GWC-10, HAM-GWC-18, HAM-GWC-20, HAM-GWC-21, HAM-GWC-22, HAM-GWC-23, HAM-GWC-5, HAM-GWC-7, HAM-GWC-9, HAM-HLF-FD-01, HAM-HLF-FD-02, HAM-HLF-GWC-19, HAM-HLF-GWC-6 and HAM-HLF-GWC-8 were J+ qualified as estimated with high bias.

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
HAM-GWA-1	TDS	162	NA	162	J+	BFH
HAM-GWA-11	TDS	145	NA	145	J+	BFH
HAM-GWA-2	TDS	287	NA	287	J+	BFH

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
HAM-GWA-3	TDS	419	NA	419	J+	BFH
HAM-GWA-4	TDS	456	NA	456	J+	BFH
HAM-GWC-10	TDS	170	NA	170	J+	BFH
HAM-GWC-18	TDS	242	NA	242	J+	BFH
HAM-GWC-20	TDS	312	NA	312	J+	BFH
HAM-GWC-21	TDS	181	NA	181	J+	BFH
HAM-GWC-22	TDS	219	NA	219	J+	BFH
HAM-GWC-23	TDS	189	NA	189	J+	BFH
HAM-GWC-5	TDS	401	NA	401	J+	BFH
HAM-GWC-7	TDS	293	NA	293	J+	BFH
HAM-GWC-9	TDS	256	NA	256	J+	BFH
HAM-HLF-EB-01	TDS	29.0	NA	115	U	BFH
HAM-HLF-EB-02	TDS	54.0	NA	115	U	BFH
HAM-HLF-FD-01	TDS	250	NA	250	J+	BFH
HAM-HLF-FD-02	TDS	315	NA	315	J+	BFH
HAM-HLF-GWC-19	TDS	236	NA	236	J+	BFH
HAM-HLF-GWC-6	TDS	376	NA	376	J+	BFH
HAM-HLF-GWC-8	TDS	327	NA	327	J+	BFH

mg/L- milligram per liter

NA-not applicable

* Validation qualifiers are defined in Attachment 1 at the end of this report

**Reason codes are defined in Attachment 2 at the end of this report

2.9 Field Duplicate

Two field duplicate samples were collected with the sample set, HAM-HLF-FD-01 and HAM-HLF-FD-02. Acceptable precision (RPD < 30%) was demonstrated between the field duplicate and the original samples, HAM-GWC-22 and HAM-HLF-GWC-8, respectively.

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 at or 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

DQM Reason Code	Description
AB1	> Samples in batch
AB2	QC sample missing
AB3	Batch analysis time exceeded
BAH	Contamination detected in the Ambient Blank greater than or equal to the Quantitation Limit.
BAL	Contamination detected in the Ambient Blank less than the Quantitation Limit.
BC	Calibration blank contamination
BC1	assoc. result < RL
BC2	assoc. result > RL < mult.
BC3	assoc. result > RL > mult.
BEH	Contamination detected in the Equipment Blank greater than or equal to the Quantitation Limit.
BEL	Contamination detected in the Equipment Blank less than the Quantitation Limit.
BF	Field blank contamination
BF1	assoc. result < RL
BF2	assoc. result > RL < mult.
BF3	assoc. result > RL > mult.
BFH	Contamination detected in the Field Blank greater than or equal to the Quantitation Limit.
BFL	Contamination detected in the Field Blank less than the Quantitation Limit.
BL	Laboratory blank contamination
BL1	assoc. result < RL
BL2	assoc. result > RL < mult.
BL3	assoc. result > RL > mult.
BLH	Contamination detected in the Lab Blank greater than or equal to the Quantitation Limit.
BLL	Contamination detected in the Lab Blank less than the Quantitation Limit.
BT	Trip blank contamination
BT1	assoc. result < RL
BT2	assoc. result > RL < mult.
BT3	assoc. result > RL > mult.
BTH	Contamination detected in the Trip Blank greater than or equal to the Quantitation Limit.
BTL	Contamination detected in the Trip Blank less than the Quantitation Limit.
CA1	Column difference
CC1	CCV %D
CC2	CCV %R
CC3	CCV RRF
CI1	IC RSD
CI2	IC RRF
CR1	Calibration range

DQM Reason Code	Description
CV1	ICV or CCV %D
CV2	ICV or CCV %R
CV3	ICV CCV RRF
DF1	Dilution Factor > 1
DL	Dilution Factor > 1
DVT1	The Dissolved Result > Total Result and the absolute difference > the AD_MULTIPLIER_CL * Detection Limit
DVT2	The Dissolved Result > Total Result and the absolute difference > AD_MULTIPLIER_UCO * Detection Limit
DVT3	The Dissolved Result > Total Result and the relative percent difference (RPD) > RPD_CL
DVT4	The Dissolved Result > Total Result and the relative percent difference (RPD) > RPD_UCO
ER1	MDL=<RESULT<RL (INORGANIC)
ER2	MDL=<RESULT<RL (ORGANIC)
FBC1	BLANK CONTAMINATION
FBC2	RESULT < BLANK * MULTIPLIER
FBC3	RESULT > BLANK * MULTIPLIER
FD1	Field duplicate RPD
FD2	Field duplicate abs. diff.
GHT1	GROSS_QUALIFIER_HIT
GHT2	GROSS_QUALIFIER_NON_DETECT
HP1	Hydrocarbon pattern
HT1	Holding time samp. to preservation
HT2	Holding time samp. to analysis
HT3	Holding time gros. samp. to pres.
HT4	Holding time gros. samp. to analysis
IS1	Internal standard
LBC1	BLANK CONTAMINATION
LBC2	RESULT < BLANK * MULTIPLIER
LBC3	RESULT > BLANK * MULTIPLIER
LD1	Lab duplicate RPD
LD2	Lab duplicate abs. diff.
LS1	LS %R
LS2	LS RPD
MS1	MS %R
MS2	MS RPD
MS3	Parent >4x spike
MS4	Spike diluted out

DQM Reason Code	Description
NP1	Non-Preferred Result
NR1	NUMERIC RESULTS
OT1	Other quality issue
PS1	BETWEEN CONTROL AND WARNING LIMITS
PS2	INVALID
PS3	LESS THAN LOWER CONTROL LIMIT
PS4	LESS THAN LOWER WARNING LIMIT
PT1	The preservative for this test id does not match the required preservative in RT_HOLDING_TIME.
RDL1	EXCEEDS REQUIRED DETECTION LIMIT
RL1	ND > project limit
RO1	Other rad. issue
RPD1	LCS/LCSD
RPD2	LCS/LCSD_NON_DETECT
RPD3	MS/MSD
RPD4	MS/MSD_NON_DETECT
RPD5	Orig/Dup
RPD6	Orig/Dup_NON_DETECT
RPDF1	FIELD DUPLICATE
RPDF2	FIELD DUPLICATE_NON_DETECT
RQ1	Rad. quantitation issue
RR1	Repeated result same method
RR2	Repeated result diff. method
RSD1	RSD exceeds CL for LCS sample
RSD2	RSD exceeds CL for MS sample
RSD3	RSD exceeds CL for Lab sample
RSD4	RSD exceeds CL for Field sample
RY1	Tracer or carrier
SD1	Serial dilution
SO1	High moisture
SO2	Wet weight
SP1	Preservation, temp
SP2	Preservation, pH
SP3	Preservation, headspace
SPR1	BLANK SPIKE > UCL
SPR10	EarthSoft.DQM.SpikeRecovery2
SPR11	EarthSoft.DQM.SpikeRecovery2
SPR12	EarthSoft.DQM.SpikeRecovery2
SPR2	INORGANIC SPIKE > UCL

DQM Reason Code	Description
SPR3	ORGANIC SPIKE > UCL
SPR4	LCL > BLANK > LOW_CUTOFF
SPR5	LCL > INORG > LOW_CUTOFF
SPR6	LCL > ORG > LOW_CUTOFF
SPR7	BLANK SPIKE < LOW_CUTOFF
SPR8	INORGANIC SPIKE < LOW_CUTOFF
SPR9	ORGANIC SPIKE < LOW_CUTOFF
SU	Surrogate outlier
SU1	Surrogate
SU2	Surrogate diluted out
SURR1	ASSO. DETECTS OF LCL > REC > LOW_CUTOFF
SURR10	EarthSoft.DQM.SurrogateRecovery
SURR11	EarthSoft.DQM.SurrogateRecovery
SURR12	EarthSoft.DQM.SurrogateRecovery
SURR2	ASSO. DETECTS OF REC < LOW_CUTOFF
SURR3	ASSO. DETECTS OF REC > UCL
SURR4	ASSO. NDS OF LCL > REC > LOW_CUTOFF
SURR5	ASSO. NDS OF REC < LOW_CUTOFF
SURR6	ASSO. NDS OF REC > UCL
SURR7	LCL > REC > LOW_CUTOFF
SURR8	REC < LOW_CUTOFF
SURR9	REC > UCL
TBC1	BLANK CONTAMINATION
TBC2	RESULT < BLANK * MULTIPLIER
TBC3	RESULT > BLANK * MULTIPLIER
TR	Trace Detection
TR1	Trace detection
TRA1	Tracer is outside of UCL or LCL
TRA2	Associated result of a tracer less than the LCL
TRA3	Associated detect result of a tracer greater than the UCL
VC1	Canister vacuum
VC2	Canister contamination
VSU1	INVALID SAMPLE UNIT TYPE
VSU2	MISSING SAMPLE UNIT TYPE
VSU3	NON-DEFAULT RESULT UNIT

FIELD SAMPLING REPORTS

February 2024

Low-Flow Test Report:

Test Date / Time: 2/19/2024 2:25:58 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: 39.3 ft Initial Depth to Water: 11 ft	Pump Type: Peri Tubing Type: Poly Pump Intake From TOC: 34.3 ft Estimated Total Volume Pumped: 11 liter Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.45 ft	Instrument Used: Aqua TROLL 400 Serial Number: 883530
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Test Notes:
Five bottles; Metals, TDS, Inorganics, and Major Ions

Weather Conditions:
Clear, 60 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	
2/19/2024 2:25 PM	00:00	7.41 pH	15.85 °C	166.55 µS/cm	5.27 mg/L	4.24 NTU	128.7 mV	11.39 ft	200.00 ml/min
2/19/2024 2:30 PM	05:00	7.23 pH	15.54 °C	171.06 µS/cm	2.98 mg/L	2.90 NTU	44.5 mV	11.43 ft	200.00 ml/min
2/19/2024 2:35 PM	10:00	7.20 pH	15.45 °C	181.26 µS/cm	2.52 mg/L	1.86 NTU	23.3 mV	11.44 ft	200.00 ml/min
2/19/2024 2:40 PM	15:00	7.22 pH	15.58 °C	183.02 µS/cm	2.41 mg/L	3.91 NTU	17.0 mV	11.45 ft	200.00 ml/min
2/19/2024 2:45 PM	20:00	7.22 pH	15.55 °C	182.72 µS/cm	2.42 mg/L	3.15 NTU	17.3 mV	11.45 ft	200.00 ml/min
2/19/2024 2:50 PM	25:00	7.20 pH	15.45 °C	178.01 µS/cm	2.62 mg/L	2.34 NTU	10.6 mV	11.45 ft	200.00 ml/min
2/19/2024 2:55 PM	30:00	7.17 pH	15.48 °C	174.33 µS/cm	2.36 mg/L	1.55 NTU	7.9 mV	11.45 ft	200.00 ml/min
2/19/2024 3:00 PM	35:00	7.15 pH	15.45 °C	169.25 µS/cm	2.24 mg/L	1.10 NTU	3.8 mV	11.45 ft	200.00 ml/min
2/19/2024 3:05 PM	40:00	7.14 pH	15.44 °C	164.92 µS/cm	1.76 mg/L	1.30 NTU	0.9 mV	11.45 ft	200.00 ml/min
2/19/2024 3:10 PM	45:00	7.13 pH	15.44 °C	163.24 µS/cm	1.83 mg/L	1.16 NTU	0.5 mV	11.45 ft	200.00 ml/min
2/19/2024 3:15 PM	50:00	7.11 pH	15.48 °C	159.95 µS/cm	1.85 mg/L	0.92 NTU	0.8 mV	11.45 ft	200.00 ml/min

Samples

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

Low-Flow Test Report:

Test Date / Time: 2/19/2024 11:53:29 AM
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: 25.81 ft Initial Depth to Water: 5.87 ft	Pump Type: Peri 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: 0.45 ft	Instrument Used: Aqua TROLL 400 Serial Number: 883530
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Test Notes:
Five bottles; Metals, TDS, Inorganics, and Major Ions

Weather Conditions:
Clear, 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	
2/19/2024 11:53 AM	00:00	6.82 pH	14.18 °C	447.91 µS/cm	0.39 mg/L	119.00 NTU	56.8 mV	6.32 ft	200.00 ml/min
2/19/2024 11:58 AM	05:00	6.83 pH	14.23 °C	446.01 µS/cm	0.30 mg/L	54.70 NTU	97.1 mV	6.32 ft	200.00 ml/min
2/19/2024 12:03 PM	10:00	6.83 pH	14.18 °C	448.73 µS/cm	0.27 mg/L	46.10 NTU	83.1 mV	6.32 ft	200.00 ml/min
2/19/2024 12:08 PM	15:00	6.84 pH	14.52 °C	445.54 µS/cm	0.20 mg/L	42.20 NTU	67.8 mV	6.32 ft	200.00 ml/min
2/19/2024 12:13 PM	20:00	6.84 pH	14.68 °C	445.13 µS/cm	0.21 mg/L	33.80 NTU	58.4 mV	6.32 ft	200.00 ml/min
2/19/2024 12:18 PM	25:00	6.83 pH	14.31 °C	450.54 µS/cm	0.17 mg/L	27.10 NTU	54.2 mV	6.32 ft	200.00 ml/min
2/19/2024 12:23 PM	30:00	6.84 pH	14.40 °C	446.92 µS/cm	0.16 mg/L	24.90 NTU	49.6 mV	6.32 ft	200.00 ml/min
2/19/2024 12:28 PM	35:00	6.84 pH	14.51 °C	448.32 µS/cm	0.15 mg/L	14.80 NTU	47.6 mV	6.32 ft	200.00 ml/min
2/19/2024 12:33 PM	40:00	6.84 pH	14.61 °C	448.80 µS/cm	0.12 mg/L	11.30 NTU	43.0 mV	6.32 ft	200.00 ml/min
2/19/2024 12:38 PM	45:00	6.84 pH	14.94 °C	446.24 µS/cm	0.12 mg/L	11.70 NTU	42.1 mV	6.32 ft	200.00 ml/min
2/19/2024 12:43 PM	50:00	6.85 pH	14.81 °C	446.43 µS/cm	0.14 mg/L	12.80 NTU	41.0 mV	6.32 ft	200.00 ml/min
2/19/2024 12:48 PM	55:00	6.84 pH	14.77 °C	448.55 µS/cm	0.16 mg/L	9.77 NTU	42.0 mV	6.32 ft	200.00 ml/min
2/19/2024 12:53 PM	01:00:00	6.84 pH	14.77 °C	447.04 µS/cm	0.14 mg/L	9.37 NTU	46.0 mV	6.32 ft	200.00 ml/min

2/19/2024 12:58 PM	01:05:00	6.84 pH	14.76 °C	448.59 µS/cm	0.11 mg/L	10.00 NTU	43.5 mV	6.32 ft	200.00 ml/min
2/19/2024 1:03 PM	01:10:00	6.83 pH	14.90 °C	451.54 µS/cm	0.13 mg/L	6.88 NTU	42.9 mV	6.32 ft	200.00 ml/min
2/19/2024 1:08 PM	01:15:00	6.84 pH	15.04 °C	449.85 µS/cm	0.09 mg/L	4.84 NTU	39.6 mV	6.32 ft	200.00 ml/min

Samples

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

Low-Flow Test Report:

Test Date / Time: 2/19/2024 11:27:12 AM
Project: GP-Plant Hammond
Operator Name: Connor Cain

Location Name: GWA-3 Latitude: 34.298282540435245 Longitude: -85.30366432860987 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 11.09 ft Total Depth: 21.09 ft Initial Depth to Water: 4.47 ft	Pump Type: Peri Tubing Type: Poly Pump Intake From TOC: 16.09 ft Estimated Total Volume Pumped: 14 liter Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.55 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850767
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Test Notes:
Five bottles; Metals, TDS, Inorganics, and Major Ions

Weather Conditions:
Sunny, 46 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	
2/19/2024 11:27 AM	00:00	7.14 pH	13.83 °C	603.91 µS/cm	5.68 mg/L	3.90 NTU	65.8 mV	4.91 ft	200.00 ml/min
2/19/2024 11:32 AM	05:00	7.00 pH	13.50 °C	593.06 µS/cm	4.08 mg/L	2.11 NTU	26.8 mV	4.95 ft	200.00 ml/min
2/19/2024 11:37 AM	10:00	6.91 pH	13.39 °C	586.74 µS/cm	3.30 mg/L	1.98 NTU	31.3 mV	4.97 ft	200.00 ml/min
2/19/2024 11:42 AM	15:00	6.85 pH	13.58 °C	586.10 µS/cm	2.87 mg/L	1.07 NTU	20.5 mV	4.99 ft	200.00 ml/min
2/19/2024 11:47 AM	20:00	6.83 pH	13.31 °C	581.05 µS/cm	2.42 mg/L	0.64 NTU	17.5 mV	5.02 ft	200.00 ml/min
2/19/2024 11:52 AM	25:00	6.79 pH	13.22 °C	573.77 µS/cm	2.01 mg/L	0.81 NTU	19.2 mV	5.02 ft	200.00 ml/min
2/19/2024 11:57 AM	30:00	6.77 pH	13.42 °C	574.58 µS/cm	1.79 mg/L	0.79 NTU	11.4 mV	5.02 ft	200.00 ml/min
2/19/2024 12:02 PM	35:00	6.79 pH	13.36 °C	579.08 µS/cm	1.90 mg/L	0.72 NTU	12.2 mV	5.02 ft	200.00 ml/min
2/19/2024 12:07 PM	40:00	6.76 pH	13.40 °C	575.11 µS/cm	1.58 mg/L	0.57 NTU	9.2 mV	5.02 ft	200.00 ml/min
2/19/2024 12:12 PM	45:00	6.77 pH	13.57 °C	575.60 µS/cm	1.59 mg/L	0.62 NTU	8.4 mV	5.02 ft	200.00 ml/min
2/19/2024 12:17 PM	50:00	6.75 pH	13.45 °C	575.42 µS/cm	1.32 mg/L	0.79 NTU	7.3 mV	5.02 ft	200.00 ml/min
2/19/2024 12:22 PM	55:00	6.74 pH	13.51 °C	579.46 µS/cm	1.38 mg/L	0.73 NTU	6.0 mV	5.02 ft	200.00 ml/min
2/19/2024 12:27 PM	01:00:00	6.73 pH	13.36 °C	576.92 µS/cm	1.09 mg/L	0.62 NTU	4.5 mV	5.02 ft	200.00 ml/min

2/19/2024 12:32 PM	01:05:00	6.73 pH	13.52 °C	579.77 µS/cm	1.18 mg/L	0.47 NTU	4.3 mV	5.02 ft	200.00 ml/min
2/19/2024 12:37 PM	01:10:00	6.74 pH	13.54 °C	577.56 µS/cm	1.11 mg/L	0.55 NTU	3.0 mV	5.02 ft	200.00 ml/min

Samples

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

Low-Flow Test Report:

Test Date / Time: 2/19/2024 1:30:14 PM
Project: GP-Plant Hammond
Operator Name: Connor Cain

Location Name: GWA-4 Latitude: 34.29827956485962 Longitude: -85.30196540065603 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 11.39 ft Total Depth: 21.39 ft Initial Depth to Water: 9.32 ft	Pump Type: Peri Tubing Type: Poly Pump Intake From TOC: 16.21 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: 850767
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Test Notes:
Five bottles; Metals, TDS, Inorganics, and Major Ions

Weather Conditions:
Sunny, 56 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	
2/19/2024 1:30 PM	00:00	7.25 pH	14.13 °C	612.93 µS/cm	2.70 mg/L	2.79 NTU	19.6 mV	9.50 ft	200.00 ml/min
2/19/2024 1:35 PM	05:00	7.27 pH	13.99 °C	613.09 µS/cm	2.57 mg/L	1.54 NTU	14.1 mV	9.58 ft	200.00 ml/min
2/19/2024 1:40 PM	10:00	7.24 pH	14.05 °C	616.20 µS/cm	2.42 mg/L	1.34 NTU	14.3 mV	9.61 ft	200.00 ml/min
2/19/2024 1:45 PM	15:00	7.17 pH	14.07 °C	631.73 µS/cm	2.18 mg/L	1.61 NTU	16.0 mV	9.64 ft	200.00 ml/min
2/19/2024 1:50 PM	20:00	7.11 pH	14.10 °C	631.82 µS/cm	2.14 mg/L	1.25 NTU	16.5 mV	9.68 ft	200.00 ml/min
2/19/2024 1:55 PM	25:00	7.04 pH	14.13 °C	646.10 µS/cm	1.85 mg/L	0.91 NTU	16.7 mV	9.72 ft	200.00 ml/min
2/19/2024 2:00 PM	30:00	7.00 pH	14.21 °C	651.69 µS/cm	1.80 mg/L	0.88 NTU	16.6 mV	9.76 ft	200.00 ml/min
2/19/2024 2:05 PM	35:00	6.95 pH	14.31 °C	662.18 µS/cm	1.68 mg/L	0.94 NTU	16.3 mV	9.78 ft	200.00 ml/min

Samples

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

Low-Flow Test Report:

Test Date / Time: 2/19/2024 3:12:17 PM
Project: GP-Plant Hammond
Operator Name: Connor Cain

Location Name: GWA-11 Latitude: 34.29666793442731 Longitude: -85.30765000738697 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 25.9 ft Total Depth: 35.9 ft Initial Depth to Water: 16.18 ft	Pump Type: Peri Tubing Type: Poly Pump Intake From TOC: 30.9 ft Estimated Total Volume Pumped: 20 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: 850767
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Test Notes:
Five bottles; Metals, TDS, Inorganics, and Major Ions

Weather Conditions:
Sunny, 58 degrees F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/19/2024 3:12 PM	00:00	7.33 pH	16.38 °C	182.95 µS/cm	0.36 mg/L	32.90 NTU	-56.8 mV	16.46 ft	200.00 ml/min
2/19/2024 3:17 PM	05:00	7.11 pH	15.63 °C	184.94 µS/cm	0.17 mg/L	33.30 NTU	-65.8 mV	16.49 ft	200.00 ml/min
2/19/2024 3:22 PM	10:00	7.04 pH	15.67 °C	185.04 µS/cm	0.23 mg/L	37.20 NTU	-63.8 mV	16.50 ft	200.00 ml/min
2/19/2024 3:27 PM	15:00	7.01 pH	15.63 °C	185.19 µS/cm	0.13 mg/L	20.40 NTU	-46.4 mV	16.50 ft	200.00 ml/min
2/19/2024 3:32 PM	20:00	7.01 pH	15.58 °C	184.91 µS/cm	0.11 mg/L	18.40 NTU	-45.2 mV	16.50 ft	200.00 ml/min
2/19/2024 3:37 PM	25:00	7.00 pH	15.51 °C	185.75 µS/cm	0.11 mg/L	16.20 NTU	-56.9 mV	16.50 ft	200.00 ml/min
2/19/2024 3:42 PM	30:00	6.98 pH	15.62 °C	185.66 µS/cm	0.11 mg/L	12.70 NTU	-43.3 mV	16.50 ft	200.00 ml/min
2/19/2024 3:47 PM	35:00	6.96 pH	15.66 °C	185.86 µS/cm	0.10 mg/L	12.20 NTU	-42.4 mV	16.50 ft	200.00 ml/min
2/19/2024 3:52 PM	40:00	6.96 pH	15.57 °C	186.16 µS/cm	0.10 mg/L	10.30 NTU	-42.4 mV	16.50 ft	200.00 ml/min
2/19/2024 3:57 PM	45:00	6.95 pH	15.56 °C	186.36 µS/cm	0.10 mg/L	9.76 NTU	-42.3 mV	16.50 ft	200.00 ml/min
2/19/2024 4:02 PM	50:00	6.96 pH	15.53 °C	186.77 µS/cm	0.11 mg/L	6.73 NTU	-42.5 mV	16.50 ft	200.00 ml/min
2/19/2024 4:07 PM	55:00	6.95 pH	15.52 °C	186.96 µS/cm	0.08 mg/L	7.02 NTU	-42.5 mV	16.50 ft	200.00 ml/min
2/19/2024 4:12 PM	01:00:00	6.95 pH	15.49 °C	187.02 µS/cm	0.10 mg/L	6.59 NTU	-42.5 mV	16.50 ft	200.00 ml/min

2/19/2024 4:17 PM	01:05:00	6.95 pH	15.46 °C	186.80 µS/cm	0.10 mg/L	9.57 NTU	-42.2 mV	16.50 ft	200.00 ml/min
2/19/2024 4:22 PM	01:10:00	6.95 pH	15.39 °C	186.50 µS/cm	0.09 mg/L	7.36 NTU	-55.1 mV	16.50 ft	200.00 ml/min
2/19/2024 4:27 PM	01:15:00	6.95 pH	15.46 °C	186.73 µS/cm	0.09 mg/L	9.02 NTU	-42.4 mV	16.50 ft	200.00 ml/min
2/19/2024 4:32 PM	01:20:00	6.95 pH	15.42 °C	186.78 µS/cm	0.09 mg/L	8.91 NTU	-42.2 mV	16.50 ft	200.00 ml/min
2/19/2024 4:37 PM	01:25:00	6.96 pH	15.40 °C	186.52 µS/cm	0.11 mg/L	8.06 NTU	-42.4 mV	16.50 ft	200.00 ml/min
2/19/2024 4:42 PM	01:30:00	6.95 pH	15.43 °C	186.98 µS/cm	0.09 mg/L	7.61 NTU	-42.0 mV	16.50 ft	200.00 ml/min
2/19/2024 4:47 PM	01:35:00	6.94 pH	15.44 °C	187.42 µS/cm	0.09 mg/L	6.67 NTU	-43.0 mV	16.50 ft	200.00 ml/min
2/19/2024 4:52 PM	01:40:00	6.94 pH	15.46 °C	187.97 µS/cm	0.08 mg/L	4.92 NTU	-44.8 mV	16.50 ft	200.00 ml/min

Samples

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

Low-Flow Test Report:

Test Date / Time: 2/20/2024 3:32:09 PM
Project: GP-Plant Hammond
Operator Name: Connor Cain

Location Name: GWC-5 Latitude: 34.2973101139388 Longitude: -85.30245255686836 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 11.41 ft Total Depth: 21.41 ft Initial Depth to Water: 4.69 ft	Pump Type: Peri Tubing Type: Poly Pump Intake From TOC: 16.41 ft Estimated Total Volume Pumped: 22 liter Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.1 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850767
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Test Notes:
Five bottles; Metals, TDS, Inorganics, and Major Ions

Weather Conditions:
Sunny, 58 degrees F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/20/2024 3:32 PM	00:00	7.07 pH	14.29 °C	577.55 µS/cm	5.66 mg/L	3.21 NTU	8.7 mV	4.79 ft	200.00 ml/min
2/20/2024 3:37 PM	05:00	7.16 pH	14.01 °C	581.01 µS/cm	5.28 mg/L	2.87 NTU	-4.1 mV	4.79 ft	200.00 ml/min
2/20/2024 3:42 PM	10:00	7.16 pH	14.05 °C	582.31 µS/cm	4.71 mg/L	1.46 NTU	-10.7 mV	4.79 ft	200.00 ml/min
2/20/2024 3:47 PM	15:00	7.16 pH	13.95 °C	584.09 µS/cm	4.59 mg/L	1.67 NTU	-19.2 mV	4.79 ft	200.00 ml/min
2/20/2024 3:52 PM	20:00	7.15 pH	14.04 °C	586.74 µS/cm	4.05 mg/L	1.07 NTU	-23.8 mV	4.79 ft	200.00 ml/min
2/20/2024 3:57 PM	25:00	7.13 pH	14.06 °C	585.02 µS/cm	3.47 mg/L	1.34 NTU	-19.3 mV	4.79 ft	200.00 ml/min
2/20/2024 4:02 PM	30:00	7.13 pH	14.07 °C	589.16 µS/cm	3.29 mg/L	1.24 NTU	-28.4 mV	4.79 ft	200.00 ml/min
2/20/2024 4:07 PM	35:00	7.13 pH	14.04 °C	588.95 µS/cm	3.01 mg/L	1.41 NTU	-30.8 mV	4.79 ft	200.00 ml/min
2/20/2024 4:12 PM	40:00	7.13 pH	14.13 °C	586.95 µS/cm	3.12 mg/L	1.11 NTU	-23.8 mV	4.79 ft	200.00 ml/min
2/20/2024 4:17 PM	45:00	7.12 pH	14.13 °C	590.70 µS/cm	2.68 mg/L	1.31 NTU	-25.7 mV	4.79 ft	200.00 ml/min
2/20/2024 4:22 PM	50:00	7.12 pH	14.10 °C	589.15 µS/cm	2.53 mg/L	1.04 NTU	-25.5 mV	4.79 ft	200.00 ml/min
2/20/2024 4:27 PM	55:00	7.11 pH	14.12 °C	592.85 µS/cm	2.25 mg/L	1.29 NTU	-27.7 mV	4.79 ft	200.00 ml/min
2/20/2024 4:32 PM	01:00:00	7.11 pH	14.13 °C	590.65 µS/cm	2.44 mg/L	1.16 NTU	-28.6 mV	4.79 ft	200.00 ml/min

2/20/2024 4:37 PM	01:05:00	7.11 pH	14.12 °C	557.89 µS/cm	2.53 mg/L	1.20 NTU	-28.4 mV	4.79 ft	200.00 ml/min
2/20/2024 4:42 PM	01:10:00	7.10 pH	14.18 °C	567.84 µS/cm	1.81 mg/L	1.34 NTU	-30.4 mV	4.79 ft	200.00 ml/min
2/20/2024 4:47 PM	01:15:00	7.11 pH	14.13 °C	590.93 µS/cm	2.06 mg/L	1.15 NTU	-31.1 mV	4.79 ft	200.00 ml/min
2/20/2024 4:52 PM	01:20:00	7.10 pH	14.22 °C	594.21 µS/cm	1.77 mg/L	1.19 NTU	-32.9 mV	4.79 ft	200.00 ml/min
2/20/2024 4:57 PM	01:25:00	7.10 pH	14.18 °C	593.43 µS/cm	2.20 mg/L	1.37 NTU	-32.4 mV	4.79 ft	200.00 ml/min
2/20/2024 5:02 PM	01:30:00	7.10 pH	14.23 °C	593.82 µS/cm	1.79 mg/L	1.37 NTU	-33.9 mV	4.79 ft	200.00 ml/min
2/20/2024 5:07 PM	01:35:00	7.10 pH	14.27 °C	593.84 µS/cm	1.83 mg/L	1.42 NTU	-34.7 mV	4.79 ft	200.00 ml/min
2/20/2024 5:12 PM	01:40:00	7.09 pH	14.19 °C	595.33 µS/cm	1.60 mg/L	1.31 NTU	-34.2 mV	4.79 ft	200.00 ml/min
2/20/2024 5:17 PM	01:45:00	7.10 pH	14.35 °C	569.52 µS/cm	1.54 mg/L	1.57 NTU	-35.1 mV	4.79 ft	200.00 ml/min
2/20/2024 5:22 PM	01:50:00	7.10 pH	14.40 °C	590.34 µS/cm	1.42 mg/L	1.69 NTU	-36.1 mV	4.79 ft	200.00 ml/min

Samples

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

Low-Flow Test Report:

Test Date / Time: 2/21/2024 12:00:18 PM
Project: GP-Plant Hammond
Operator Name: Connor Cain

Location Name: GWC-6 Latitude: 34.295241837421706 Longitude: -85.30129225001232 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: 16.1 ft	Pump Type: Peri Tubing Type: Poly Pump Intake From TOC: 37.58 ft Estimated Total Volume Pumped: 6 liter Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.18 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850767
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Test Notes:
Five bottles; Metals, TDS, Inorganics, and Major Ions

Weather Conditions:
Sunny, 56 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	
2/21/2024 12:00 PM	00:00	7.70 pH	16.79 °C	488.57 µS/cm	6.30 mg/L	5.06 NTU	25.7 mV	16.28 ft	200.00 ml/min
2/21/2024 12:05 PM	05:00	7.60 pH	17.02 °C	491.27 µS/cm	4.68 mg/L	4.31 NTU	-58.2 mV	16.28 ft	200.00 ml/min
2/21/2024 12:10 PM	10:00	7.35 pH	17.21 °C	493.75 µS/cm	1.43 mg/L	4.39 NTU	-76.3 mV	16.28 ft	200.00 ml/min
2/21/2024 12:15 PM	15:00	7.31 pH	17.10 °C	494.93 µS/cm	0.64 mg/L	1.57 NTU	-101.3 mV	16.28 ft	200.00 ml/min
2/21/2024 12:20 PM	20:00	7.30 pH	17.10 °C	493.07 µS/cm	0.45 mg/L	1.50 NTU	-87.4 mV	16.28 ft	200.00 ml/min
2/21/2024 12:25 PM	25:00	7.30 pH	17.09 °C	493.31 µS/cm	0.32 mg/L	1.52 NTU	-89.2 mV	16.28 ft	200.00 ml/min
2/21/2024 12:30 PM	30:00	7.30 pH	17.07 °C	492.11 µS/cm	0.28 mg/L	1.48 NTU	-89.4 mV	16.28 ft	200.00 ml/min

Samples

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

Low-Flow Test Report:

Test Date / Time: 2/21/2024 10:00:05 AM
Project: GP-Plant Hammond
Operator Name: Thomas Kessler

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: 15.31 ft	Pump Type: Peri Tubing Type: Poly Pump Intake From TOC: 26.91 ft Estimated Total Volume Pumped: 37 liter Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.19 ft	Instrument Used: Aqua TROLL 400 Serial Number: 883530
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Test Notes:
Five bottles; Metals, TDS, Inorganics, and Major Ions

Weather Conditions:
Clear, 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	+/- 0.3	
2/21/2024 10:00 AM	00:00	4.93 pH	14.95 °C	287.16 µS/cm	1.41 mg/L	118.00 NTU	325.1 mV	15.48 ft	200.00 ml/min
2/21/2024 10:05 AM	05:00	5.10 pH	15.26 °C	293.14 µS/cm	1.09 mg/L	102.00 NTU	388.5 mV	15.49 ft	200.00 ml/min
2/21/2024 10:10 AM	10:00	5.26 pH	15.31 °C	298.96 µS/cm	0.93 mg/L	95.40 NTU	406.5 mV	15.50 ft	200.00 ml/min
2/21/2024 10:15 AM	15:00	5.32 pH	15.53 °C	306.92 µS/cm	0.84 mg/L	89.10 NTU	400.3 mV	15.50 ft	200.00 ml/min
2/21/2024 10:20 AM	20:00	5.36 pH	15.57 °C	308.46 µS/cm	0.81 mg/L	79.20 NTU	373.6 mV	15.50 ft	200.00 ml/min
2/21/2024 10:25 AM	25:00	5.43 pH	15.48 °C	315.50 µS/cm	0.67 mg/L	70.90 NTU	339.2 mV	15.50 ft	200.00 ml/min
2/21/2024 10:30 AM	30:00	5.47 pH	15.69 °C	322.38 µS/cm	0.64 mg/L	70.00 NTU	301.6 mV	15.50 ft	200.00 ml/min
2/21/2024 10:35 AM	35:00	5.52 pH	15.71 °C	323.89 µS/cm	0.50 mg/L	61.10 NTU	277.3 mV	15.50 ft	200.00 ml/min
2/21/2024 10:40 AM	40:00	5.57 pH	15.78 °C	329.98 µS/cm	0.45 mg/L	57.30 NTU	257.5 mV	15.50 ft	200.00 ml/min
2/21/2024 10:45 AM	45:00	5.60 pH	15.94 °C	333.31 µS/cm	0.38 mg/L	50.10 NTU	244.2 mV	15.50 ft	200.00 ml/min
2/21/2024 10:50 AM	50:00	5.62 pH	15.90 °C	335.05 µS/cm	0.36 mg/L	47.00 NTU	239.6 mV	15.50 ft	200.00 ml/min
2/21/2024 10:55 AM	55:00	5.65 pH	16.00 °C	338.59 µS/cm	0.28 mg/L	42.30 NTU	232.1 mV	15.50 ft	200.00 ml/min
2/21/2024 11:00 AM	01:00:00	5.65 pH	16.21 °C	338.58 µS/cm	0.28 mg/L	41.90 NTU	234.0 mV	15.50 ft	200.00 ml/min

2/21/2024 11:05 AM	01:05:00	5.66 pH	16.19 °C	339.71 µS/cm	0.27 mg/L	38.20 NTU	245.4 mV	15.50 ft	200.00 ml/min
2/21/2024 11:10 AM	01:10:00	5.66 pH	16.21 °C	342.53 µS/cm	0.25 mg/L	30.00 NTU	244.2 mV	15.50 ft	200.00 ml/min
2/21/2024 11:15 AM	01:15:00	5.66 pH	16.17 °C	343.49 µS/cm	0.22 mg/L	23.20 NTU	240.0 mV	15.50 ft	200.00 ml/min
2/21/2024 11:20 AM	01:20:00	5.66 pH	16.49 °C	342.22 µS/cm	0.22 mg/L	21.70 NTU	233.9 mV	15.50 ft	200.00 ml/min
2/21/2024 11:25 AM	01:25:00	5.67 pH	16.70 °C	344.56 µS/cm	0.20 mg/L	18.10 NTU	234.0 mV	15.50 ft	200.00 ml/min
2/21/2024 11:30 AM	01:30:00	5.68 pH	16.40 °C	342.45 µS/cm	0.20 mg/L	15.20 NTU	244.6 mV	15.50 ft	200.00 ml/min
2/21/2024 11:35 AM	01:35:00	5.68 pH	16.41 °C	344.81 µS/cm	0.19 mg/L	22.30 NTU	241.0 mV	15.50 ft	200.00 ml/min
2/21/2024 11:40 AM	01:40:00	5.68 pH	16.48 °C	344.64 µS/cm	0.20 mg/L	15.80 NTU	235.5 mV	15.50 ft	200.00 ml/min
2/21/2024 11:45 AM	01:45:00	5.70 pH	16.36 °C	345.80 µS/cm	0.19 mg/L	17.50 NTU	224.9 mV	15.50 ft	200.00 ml/min
2/21/2024 11:50 AM	01:50:00	5.70 pH	16.36 °C	346.77 µS/cm	0.19 mg/L	15.60 NTU	216.5 mV	15.50 ft	200.00 ml/min
2/21/2024 11:55 AM	01:55:00	5.70 pH	16.52 °C	348.93 µS/cm	0.20 mg/L	14.80 NTU	207.7 mV	15.50 ft	200.00 ml/min
2/21/2024 12:00 PM	02:00:00	5.72 pH	16.43 °C	348.32 µS/cm	0.18 mg/L	11.30 NTU	201.5 mV	15.50 ft	200.00 ml/min
2/21/2024 12:05 PM	02:05:00	5.71 pH	16.39 °C	347.20 µS/cm	0.17 mg/L	10.30 NTU	197.9 mV	15.50 ft	200.00 ml/min
2/21/2024 12:10 PM	02:10:00	5.71 pH	16.53 °C	349.45 µS/cm	0.17 mg/L	9.76 NTU	194.0 mV	15.50 ft	200.00 ml/min
2/21/2024 12:15 PM	02:15:00	5.73 pH	16.47 °C	349.16 µS/cm	0.16 mg/L	8.54 NTU	189.1 mV	15.50 ft	200.00 ml/min
2/21/2024 12:20 PM	02:20:00	5.72 pH	16.57 °C	351.36 µS/cm	0.17 mg/L	8.02 NTU	186.9 mV	15.50 ft	200.00 ml/min
2/21/2024 12:25 PM	02:25:00	5.73 pH	16.61 °C	349.87 µS/cm	0.16 mg/L	7.72 NTU	185.4 mV	15.50 ft	200.00 ml/min
2/21/2024 12:30 PM	02:30:00	5.73 pH	16.56 °C	350.43 µS/cm	0.15 mg/L	6.84 NTU	183.0 mV	15.50 ft	200.00 ml/min
2/21/2024 12:35 PM	02:35:00	5.73 pH	16.58 °C	350.53 µS/cm	0.15 mg/L	6.04 NTU	183.4 mV	15.50 ft	200.00 ml/min
2/21/2024 12:40 PM	02:40:00	5.73 pH	16.70 °C	350.65 µS/cm	0.16 mg/L	6.34 NTU	183.3 mV	15.50 ft	200.00 ml/min
2/21/2024 12:45 PM	02:45:00	5.74 pH	16.70 °C	349.91 µS/cm	0.13 mg/L	5.74 NTU	182.6 mV	15.50 ft	200.00 ml/min
2/21/2024 12:50 PM	02:50:00	5.73 pH	16.62 °C	351.00 µS/cm	0.14 mg/L	3.41 NTU	185.3 mV	15.50 ft	200.00 ml/min
2/21/2024 12:55 PM	02:55:00	5.74 pH	16.85 °C	350.41 µS/cm	0.13 mg/L	3.68 NTU	199.4 mV	15.50 ft	200.00 ml/min
2/21/2024 1:00 PM	03:00:00	5.74 pH	16.89 °C	349.90 µS/cm	0.14 mg/L	3.82 NTU	190.3 mV	15.50 ft	200.00 ml/min

Samples

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

HAM-HLF-FD-01	Grab.
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Low-Flow Test Report:

Test Date / Time: 2/21/2024 10:05:49 AM
Project: GP-Plant Hammond
Operator Name: Connor Cain

Location Name: GWC-8 Latitude: 34.294147035138955 Longitude: -85.30391000219183 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: 12.16 ft	Pump Type: Peri Tubing Type: Poly Pump Intake From TOC: 22.13 ft Estimated Total Volume Pumped: 13 liter Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 2.32 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850767
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Test Notes:
Five bottles; Metals, TDS, Inorganics, and Major Ions

Weather Conditions:
Sunny, 46 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	
2/21/2024 10:05 AM	00:00	7.45 pH	14.58 °C	594.39 µS/cm	4.29 mg/L	17.40 NTU	88.5 mV	13.16 ft	200.00 ml/min
2/21/2024 10:10 AM	05:00	7.47 pH	14.25 °C	590.83 µS/cm	4.17 mg/L	15.30 NTU	60.0 mV	13.55 ft	200.00 ml/min
2/21/2024 10:15 AM	10:00	7.46 pH	14.31 °C	589.68 µS/cm	3.98 mg/L	15.30 NTU	32.8 mV	13.88 ft	200.00 ml/min
2/21/2024 10:20 AM	15:00	7.46 pH	14.37 °C	585.04 µS/cm	3.79 mg/L	13.50 NTU	17.4 mV	14.10 ft	200.00 ml/min
2/21/2024 10:25 AM	20:00	7.46 pH	14.40 °C	575.68 µS/cm	3.43 mg/L	12.40 NTU	9.9 mV	14.24 ft	200.00 ml/min
2/21/2024 10:30 AM	25:00	7.46 pH	14.49 °C	569.58 µS/cm	3.16 mg/L	10.50 NTU	2.5 mV	14.32 ft	200.00 ml/min
2/21/2024 10:35 AM	30:00	7.46 pH	14.59 °C	559.47 µS/cm	2.90 mg/L	9.28 NTU	-3.3 mV	14.38 ft	200.00 ml/min
2/21/2024 10:40 AM	35:00	7.46 pH	14.81 °C	545.07 µS/cm	2.51 mg/L	8.47 NTU	-9.8 mV	14.43 ft	200.00 ml/min
2/21/2024 10:45 AM	40:00	7.46 pH	15.13 °C	535.96 µS/cm	2.20 mg/L	6.80 NTU	-16.2 mV	14.48 ft	200.00 ml/min
2/21/2024 10:50 AM	45:00	7.47 pH	14.99 °C	524.71 µS/cm	1.96 mg/L	6.39 NTU	-30.5 mV	14.48 ft	200.00 ml/min
2/21/2024 10:55 AM	50:00	7.47 pH	15.04 °C	519.06 µS/cm	1.76 mg/L	6.06 NTU	-25.6 mV	14.48 ft	200.00 ml/min
2/21/2024 11:00 AM	55:00	7.47 pH	15.01 °C	512.64 µS/cm	1.54 mg/L	5.26 NTU	-30.0 mV	14.48 ft	200.00 ml/min
2/21/2024 11:05 AM	01:00:00	7.48 pH	15.01 °C	501.39 µS/cm	1.35 mg/L	4.87 NTU	-34.9 mV	14.48 ft	200.00 ml/min

2/21/2024 11:10 AM	01:05:00	7.48 pH	15.12 °C	506.47 µS/cm	1.36 mg/L	4.79 NTU	-47.7 mV	14.48 ft	200.00 ml/min
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Samples

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

Low-Flow Test Report:

Test Date / Time: 2/20/2024 4:09:43 PM
Project: GP-Plant Hammond
Operator Name: Thomas Kessler

Location Name: GWC-9 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 41.9 ft Total Depth: 51.9 ft Initial Depth to Water: 14.17 ft	Pump Type: Peri Tubing Type: Poly Pump Intake From TOC: 46.9 ft Estimated Total Volume Pumped: 10 liter Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.2 ft	Instrument Used: Aqua TROLL 400 Serial Number: 883530
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Test Notes:
Five bottles; Metals, TDS, Inorganics, and Major Ions

Weather Conditions:
Clear, 60 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	
2/20/2024 4:09 PM	00:00	7.14 pH	15.94 °C	329.76 µS/cm	1.97 mg/L	3.14 NTU	41.3 mV	14.35 ft	200.00 ml/min
2/20/2024 4:14 PM	05:00	7.08 pH	15.76 °C	332.03 µS/cm	1.94 mg/L	2.29 NTU	6.5 mV	14.37 ft	200.00 ml/min
2/20/2024 4:19 PM	10:00	7.08 pH	15.80 °C	335.67 µS/cm	1.64 mg/L	1.37 NTU	-18.8 mV	14.37 ft	200.00 ml/min
2/20/2024 4:24 PM	15:00	7.09 pH	15.71 °C	335.37 µS/cm	1.63 mg/L	1.52 NTU	-25.5 mV	14.37 ft	200.00 ml/min
2/20/2024 4:29 PM	20:00	7.09 pH	15.85 °C	335.33 µS/cm	2.25 mg/L	1.81 NTU	-27.7 mV	14.37 ft	200.00 ml/min
2/20/2024 4:34 PM	25:00	7.09 pH	15.89 °C	332.43 µS/cm	1.82 mg/L	1.11 NTU	-24.4 mV	14.37 ft	200.00 ml/min
2/20/2024 4:39 PM	30:00	7.09 pH	15.84 °C	333.78 µS/cm	1.81 mg/L	1.30 NTU	-28.5 mV	14.37 ft	200.00 ml/min
2/20/2024 4:44 PM	35:00	7.10 pH	15.68 °C	328.97 µS/cm	2.03 mg/L	1.27 NTU	-28.4 mV	14.37 ft	200.00 ml/min
2/20/2024 4:49 PM	40:00	7.10 pH	15.62 °C	334.57 µS/cm	1.97 mg/L	1.21 NTU	-28.4 mV	14.37 ft	200.00 ml/min
2/20/2024 4:54 PM	45:00	7.10 pH	15.61 °C	336.87 µS/cm	1.92 mg/L	0.87 NTU	-25.0 mV	14.37 ft	200.00 ml/min

Samples

Sample ID:	Description:
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HAM-GWC-9	Grab.
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Low-Flow Test Report:

Test Date / Time: 2/19/2024 3:58:43 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: 33.98 ft Initial Depth to Water: 14.25 ft	Pump Type: Peri Tubing Type: Poly Pump Intake From TOC: 28.98 ft Estimated Total Volume Pumped: 20 liter Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.05 ft	Instrument Used: Aqua TROLL 400 Serial Number: 883530
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Test Notes:
Five bottles; Metals, TDS, Inorganics, and Major Ions

Weather Conditions:
Clear, 60 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	
2/19/2024 3:58 PM	00:00	7.37 pH	15.22 °C	326.76 µS/cm	1.09 mg/L	106.00 NTU	35.4 mV	14.37 ft	200.00 ml/min
2/19/2024 4:03 PM	05:00	7.43 pH	15.42 °C	327.01 µS/cm	0.65 mg/L	69.20 NTU	35.5 mV	14.30 ft	200.00 ml/min
2/19/2024 4:08 PM	10:00	7.44 pH	15.45 °C	327.87 µS/cm	0.55 mg/L	55.50 NTU	18.4 mV	14.30 ft	200.00 ml/min
2/19/2024 4:13 PM	15:00	7.45 pH	15.54 °C	327.29 µS/cm	0.51 mg/L	46.90 NTU	12.5 mV	14.30 ft	200.00 ml/min
2/19/2024 4:18 PM	20:00	7.45 pH	15.62 °C	327.52 µS/cm	0.45 mg/L	33.30 NTU	7.0 mV	14.30 ft	200.00 ml/min
2/19/2024 4:23 PM	25:00	7.46 pH	15.58 °C	327.26 µS/cm	0.42 mg/L	28.20 NTU	3.6 mV	14.30 ft	200.00 ml/min
2/19/2024 4:28 PM	30:00	7.46 pH	15.56 °C	326.67 µS/cm	0.43 mg/L	29.40 NTU	4.9 mV	14.30 ft	200.00 ml/min
2/19/2024 4:33 PM	35:00	7.46 pH	15.62 °C	327.56 µS/cm	0.42 mg/L	19.30 NTU	4.1 mV	14.30 ft	200.00 ml/min
2/19/2024 4:38 PM	40:00	7.45 pH	15.68 °C	327.37 µS/cm	0.36 mg/L	19.10 NTU	-2.6 mV	14.30 ft	200.00 ml/min
2/19/2024 4:43 PM	45:00	7.45 pH	15.58 °C	327.12 µS/cm	0.37 mg/L	12.80 NTU	-3.1 mV	14.30 ft	200.00 ml/min
2/19/2024 4:48 PM	50:00	7.46 pH	15.62 °C	328.01 µS/cm	0.35 mg/L	11.50 NTU	-6.6 mV	14.30 ft	200.00 ml/min
2/19/2024 4:53 PM	55:00	7.46 pH	15.62 °C	327.55 µS/cm	0.29 mg/L	9.95 NTU	-10.6 mV	14.30 ft	200.00 ml/min
2/19/2024 4:58 PM	01:00:00	7.47 pH	15.62 °C	327.09 µS/cm	0.33 mg/L	9.32 NTU	-9.1 mV	14.30 ft	200.00 ml/min

2/19/2024 5:03 PM	01:05:00	7.47 pH	15.53 °C	326.83 µS/cm	0.34 mg/L	7.64 NTU	-11.5 mV	14.30 ft	200.00 ml/min
2/19/2024 5:08 PM	01:10:00	7.47 pH	15.59 °C	327.33 µS/cm	0.34 mg/L	7.60 NTU	-10.0 mV	14.30 ft	200.00 ml/min
2/19/2024 5:13 PM	01:15:00	7.47 pH	15.59 °C	326.51 µS/cm	0.91 mg/L	7.64 NTU	-9.2 mV	14.30 ft	200.00 ml/min
2/19/2024 5:18 PM	01:20:00	7.48 pH	15.52 °C	327.62 µS/cm	0.86 mg/L	5.48 NTU	-13.0 mV	14.30 ft	200.00 ml/min
2/19/2024 5:23 PM	01:25:00	7.48 pH	15.39 °C	327.23 µS/cm	0.72 mg/L	5.12 NTU	-13.8 mV	14.30 ft	200.00 ml/min
2/19/2024 5:28 PM	01:30:00	7.47 pH	15.59 °C	326.69 µS/cm	0.37 mg/L	5.40 NTU	-13.4 mV	14.30 ft	200.00 ml/min
2/19/2024 5:33 PM	01:35:00	7.48 pH	15.60 °C	326.19 µS/cm	0.27 mg/L	4.97 NTU	-14.7 mV	14.30 ft	200.00 ml/min
2/19/2024 5:38 PM	01:40:00	7.48 pH	15.66 °C	326.73 µS/cm	0.28 mg/L	4.96 NTU	-17.2 mV	14.30 ft	200.00 ml/min

Samples

Sample ID:	Description:
HAM-GWC-10	Grab.

Low-Flow Test Report:

Test Date / Time: 2/20/2024 9:54:13 AM
Project: GP-Plant Hammond
Operator Name: Thomas Kessler

Location Name: GWC-18 Well Diameter: 2 cm Casing Type: PVC Screen Length: 10 ft Top of Screen: 47.02 ft Total Depth: 57.02 ft Initial Depth to Water: 13.2 ft	Pump Type: Peri Tubing Type: Poly Pump Intake From TOC: 52.02 ft Estimated Total Volume Pumped: 8 liter Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 1.6 ft	Instrument Used: Aqua TROLL 400 Serial Number: 883530
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Test Notes:
Five bottles; Metals, TDS, Inorganics, and Major Ions

Weather Conditions:
Clear, 40 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	
2/20/2024 9:54 AM	00:00	7.54 pH	13.56 °C	365.99 µS/cm	2.73 mg/L	3.47 NTU	225.7 mV	14.11 ft	200.00 ml/min
2/20/2024 9:59 AM	05:00	7.58 pH	14.50 °C	364.92 µS/cm	2.61 mg/L	1.66 NTU	319.5 mV	14.39 ft	200.00 ml/min
2/20/2024 10:04 AM	10:00	7.60 pH	14.50 °C	359.70 µS/cm	1.93 mg/L	1.74 NTU	254.0 mV	14.51 ft	200.00 ml/min
2/20/2024 10:09 AM	15:00	7.62 pH	14.50 °C	354.57 µS/cm	1.42 mg/L	1.45 NTU	242.1 mV	14.60 ft	200.00 ml/min
2/20/2024 10:14 AM	20:00	7.62 pH	14.68 °C	346.15 µS/cm	1.11 mg/L	1.24 NTU	294.6 mV	14.68 ft	200.00 ml/min
2/20/2024 10:19 AM	25:00	7.63 pH	14.70 °C	346.94 µS/cm	0.82 mg/L	1.50 NTU	218.6 mV	14.72 ft	200.00 ml/min
2/20/2024 10:24 AM	30:00	7.64 pH	14.84 °C	344.19 µS/cm	0.81 mg/L	1.26 NTU	198.1 mV	14.76 ft	200.00 ml/min
2/20/2024 10:29 AM	35:00	7.64 pH	15.08 °C	336.41 µS/cm	0.72 mg/L	1.55 NTU	235.9 mV	14.80 ft	200.00 ml/min

Samples

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

Low-Flow Test Report:

Test Date / Time: 2/20/2024 11:17:47 AM
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: 57.51 ft Initial Depth to Water: 19.31 ft	Pump Type: Peri 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: 0.4 ft	Instrument Used: Aqua TROLL 400 Serial Number: 883530
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Test Notes:
Five bottles; Metals, TDS, Inorganics, and Major Ions

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	+/- 0.3	
2/20/2024 11:17 AM	00:00	7.53 pH	15.11 °C	380.26 µS/cm	0.72 mg/L	3.05 NTU	-32.4 mV	19.70 ft	200.00 ml/min
2/20/2024 11:22 AM	05:00	7.52 pH	15.18 °C	376.19 µS/cm	0.63 mg/L	2.80 NTU	-36.3 mV	19.71 ft	200.00 ml/min
2/20/2024 11:27 AM	10:00	7.52 pH	15.24 °C	379.24 µS/cm	0.60 mg/L	2.14 NTU	-32.4 mV	19.71 ft	200.00 ml/min
2/20/2024 11:32 AM	15:00	7.50 pH	15.33 °C	383.58 µS/cm	0.57 mg/L	1.91 NTU	-28.9 mV	19.71 ft	200.00 ml/min
2/20/2024 11:37 AM	20:00	7.51 pH	15.14 °C	387.43 µS/cm	0.66 mg/L	1.37 NTU	-25.5 mV	19.71 ft	200.00 ml/min
2/20/2024 11:42 AM	25:00	7.50 pH	15.22 °C	390.85 µS/cm	0.66 mg/L	0.94 NTU	-22.5 mV	19.71 ft	200.00 ml/min
2/20/2024 11:47 AM	30:00	7.51 pH	15.38 °C	389.91 µS/cm	0.71 mg/L	1.20 NTU	-21.5 mV	19.71 ft	200.00 ml/min

Samples

Sample ID:	Description:
HAM-HLF-GWC-19	Grab.
HAM-HLF-FD-02	Grab.

Low-Flow Test Report:

Test Date / Time: 2/20/2024 10:00:22 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: 3.93 ft	Pump Type: Peri Tubing Type: Poly Pump Intake From TOC: 29.19 ft Estimated Total Volume Pumped: 21 liter Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.95 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850767
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Test Notes:
Five bottles; Metals, TDS, Inorganics, and Major Ions

Weather Conditions:
Partly cloudy, 36 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	
2/20/2024 10:00 AM	00:00	7.51 pH	12.70 °C	416.94 µS/cm	1.58 mg/L	36.30 NTU	-36.3 mV	4.68 ft	200.00 ml/min
2/20/2024 10:05 AM	05:00	7.51 pH	12.76 °C	421.08 µS/cm	1.27 mg/L	32.00 NTU	-65.6 mV	4.77 ft	200.00 ml/min
2/20/2024 10:10 AM	10:00	7.51 pH	12.81 °C	423.38 µS/cm	1.15 mg/L	25.40 NTU	-73.8 mV	4.82 ft	200.00 ml/min
2/20/2024 10:15 AM	15:00	7.52 pH	12.85 °C	423.28 µS/cm	1.15 mg/L	25.90 NTU	-80.3 mV	4.84 ft	200.00 ml/min
2/20/2024 10:20 AM	20:00	7.53 pH	13.06 °C	425.02 µS/cm	0.94 mg/L	18.10 NTU	-64.8 mV	4.87 ft	200.00 ml/min
2/20/2024 10:25 AM	25:00	7.53 pH	13.19 °C	425.67 µS/cm	0.90 mg/L	15.70 NTU	-89.5 mV	4.88 ft	200.00 ml/min
2/20/2024 10:30 AM	30:00	7.53 pH	13.34 °C	426.48 µS/cm	0.76 mg/L	15.50 NTU	-72.2 mV	4.88 ft	200.00 ml/min
2/20/2024 10:35 AM	35:00	7.54 pH	13.26 °C	427.55 µS/cm	0.55 mg/L	13.10 NTU	-102.1 mV	4.88 ft	200.00 ml/min
2/20/2024 10:40 AM	40:00	7.54 pH	13.37 °C	430.72 µS/cm	0.46 mg/L	10.80 NTU	-82.4 mV	4.88 ft	200.00 ml/min
2/20/2024 10:45 AM	45:00	7.54 pH	13.49 °C	431.86 µS/cm	0.38 mg/L	10.10 NTU	-112.9 mV	4.88 ft	200.00 ml/min
2/20/2024 10:50 AM	50:00	7.55 pH	13.53 °C	433.86 µS/cm	0.34 mg/L	9.85 NTU	-91.5 mV	4.88 ft	200.00 ml/min
2/20/2024 10:55 AM	55:00	7.55 pH	13.56 °C	434.27 µS/cm	0.35 mg/L	10.50 NTU	-118.5 mV	4.88 ft	200.00 ml/min
2/20/2024 11:00 AM	01:00:00	7.56 pH	13.67 °C	432.92 µS/cm	0.31 mg/L	9.22 NTU	-92.9 mV	4.88 ft	200.00 ml/min

2/20/2024 11:05 AM	01:05:00	7.56 pH	13.68 °C	434.78 µS/cm	0.27 mg/L	8.83 NTU	-120.0 mV	4.88 ft	200.00 ml/min
2/20/2024 11:10 AM	01:10:00	7.57 pH	13.67 °C	433.39 µS/cm	0.28 mg/L	6.87 NTU	-118.9 mV	4.88 ft	200.00 ml/min
2/20/2024 11:15 AM	01:15:00	7.57 pH	13.74 °C	433.09 µS/cm	0.26 mg/L	7.64 NTU	-94.1 mV	4.88 ft	200.00 ml/min
2/20/2024 11:20 AM	01:20:00	7.57 pH	13.73 °C	430.08 µS/cm	0.37 mg/L	7.85 NTU	-115.9 mV	4.88 ft	200.00 ml/min
2/20/2024 11:25 AM	01:25:00	7.57 pH	13.74 °C	433.43 µS/cm	0.28 mg/L	7.94 NTU	-94.9 mV	4.88 ft	200.00 ml/min
2/20/2024 11:30 AM	01:30:00	7.57 pH	13.85 °C	431.61 µS/cm	0.23 mg/L	5.85 NTU	-95.8 mV	4.88 ft	200.00 ml/min
2/20/2024 11:35 AM	01:35:00	7.57 pH	13.86 °C	434.92 µS/cm	0.21 mg/L	5.46 NTU	-97.3 mV	4.88 ft	200.00 ml/min
2/20/2024 11:40 AM	01:40:00	7.57 pH	13.95 °C	434.52 µS/cm	0.22 mg/L	5.30 NTU	-97.2 mV	4.88 ft	200.00 ml/min
2/20/2024 11:45 AM	01:45:00	7.58 pH	13.94 °C	432.83 µS/cm	0.22 mg/L	4.93 NTU	-97.4 mV	4.88 ft	200.00 ml/min

Samples

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

Low-Flow Test Report:

Test Date / Time: 2/20/2024 1:12:08 PM
Project: GP-Plant Hammond
Operator Name: Connor Cain

Location Name: GWC-21 Latitude: 34.288874776134534 Longitude: -85.30870051131147 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 8.23 ft Total Depth: 18.23 ft Initial Depth to Water: 4.79 ft	Pump Type: Peri Tubing Type: Poly Pump Intake From TOC: 13.23 ft Estimated Total Volume Pumped: 16 liter Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.2 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850767
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Test Notes:
Five bottles; Metals, TDS, Inorganics, and Major Ions

Weather Conditions:
Sunny, 52 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	
2/20/2024 1:12 PM	00:00	7.45 pH	13.06 °C	318.71 µS/cm	4.57 mg/L	9.96 NTU	23.5 mV	4.97 ft	200.00 ml/min
2/20/2024 1:17 PM	05:00	7.29 pH	12.81 °C	316.59 µS/cm	4.21 mg/L	4.33 NTU	15.1 mV	4.99 ft	200.00 ml/min
2/20/2024 1:22 PM	10:00	7.18 pH	12.94 °C	309.30 µS/cm	3.76 mg/L	2.17 NTU	6.8 mV	4.99 ft	200.00 ml/min
2/20/2024 1:27 PM	15:00	7.09 pH	12.51 °C	279.76 µS/cm	3.42 mg/L	2.45 NTU	4.0 mV	4.99 ft	200.00 ml/min
2/20/2024 1:32 PM	20:00	6.97 pH	12.51 °C	264.06 µS/cm	2.72 mg/L	1.93 NTU	4.4 mV	4.99 ft	200.00 ml/min
2/20/2024 1:37 PM	25:00	6.87 pH	12.41 °C	239.09 µS/cm	2.41 mg/L	2.93 NTU	9.8 mV	4.99 ft	200.00 ml/min
2/20/2024 1:42 PM	30:00	6.79 pH	12.44 °C	229.44 µS/cm	2.38 mg/L	2.45 NTU	12.9 mV	4.99 ft	200.00 ml/min
2/20/2024 1:47 PM	35:00	6.74 pH	12.22 °C	228.01 µS/cm	2.29 mg/L	2.10 NTU	15.5 mV	4.99 ft	200.00 ml/min
2/20/2024 1:52 PM	40:00	6.66 pH	11.78 °C	211.11 µS/cm	1.48 mg/L	2.18 NTU	24.1 mV	4.99 ft	200.00 ml/min
2/20/2024 1:57 PM	45:00	6.60 pH	11.76 °C	197.58 µS/cm	1.36 mg/L	2.22 NTU	28.8 mV	4.99 ft	200.00 ml/min
2/20/2024 2:02 PM	50:00	6.58 pH	11.67 °C	201.14 µS/cm	1.52 mg/L	2.39 NTU	27.9 mV	4.99 ft	200.00 ml/min
2/20/2024 2:07 PM	55:00	6.57 pH	11.53 °C	195.29 µS/cm	1.31 mg/L	2.17 NTU	30.2 mV	4.99 ft	200.00 ml/min
2/20/2024 2:12 PM	01:00:00	6.54 pH	11.49 °C	190.71 µS/cm	1.31 mg/L	2.03 NTU	32.3 mV	4.99 ft	200.00 ml/min

2/20/2024 2:17 PM	01:05:00	6.48 pH	11.48 °C	175.18 µS/cm	1.16 mg/L	2.46 NTU	26.4 mV	4.99 ft	200.00 ml/min
2/20/2024 2:22 PM	01:10:00	6.50 pH	11.49 °C	185.04 µS/cm	1.26 mg/L	1.98 NTU	25.7 mV	4.99 ft	200.00 ml/min
2/20/2024 2:27 PM	01:15:00	6.46 pH	11.33 °C	185.56 µS/cm	1.15 mg/L	2.14 NTU	35.1 mV	4.99 ft	200.00 ml/min
2/20/2024 2:32 PM	01:20:00	6.46 pH	11.42 °C	192.18 µS/cm	1.21 mg/L	2.19 NTU	24.4 mV	4.99 ft	200.00 ml/min

Samples

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

Low-Flow Test Report:

Test Date / Time: 2/20/2024 1:08:01 PM
Project: GP-Plant Hammond
Operator Name: Thomas Kessler

Location Name: GWC-22 Well Diameter: 2 in Casing Type: avocado Screen Length: 10 ft Top of Screen: 31.91 ft Total Depth: 41.91 ft Initial Depth to Water: 2.51 ft	Pump Type: Peri Tubing Type: Poly Pump Intake From TOC: 36.91 ft Estimated Total Volume Pumped: 8 liter Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.84 ft	Instrument Used: Aqua TROLL 400 Serial Number: 883530
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Test Notes:
Five bottles; Metals, TDS, Inorganics, and Major Ions

Weather Conditions:
Clear, 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	+/- 0.3	
2/20/2024 1:08 PM	00:00	7.50 pH	14.22 °C	331.07 µS/cm	1.91 mg/L	22.50 NTU	72.2 mV	3.03 ft	200.00 ml/min
2/20/2024 1:13 PM	05:00	7.53 pH	13.99 °C	336.44 µS/cm	1.16 mg/L	27.80 NTU	-25.1 mV	3.15 ft	200.00 ml/min
2/20/2024 1:18 PM	10:00	7.57 pH	14.15 °C	337.82 µS/cm	1.08 mg/L	17.10 NTU	-33.4 mV	3.24 ft	200.00 ml/min
2/20/2024 1:23 PM	15:00	7.59 pH	14.36 °C	335.90 µS/cm	0.58 mg/L	12.90 NTU	-35.8 mV	3.28 ft	200.00 ml/min
2/20/2024 1:28 PM	20:00	7.59 pH	14.54 °C	336.48 µS/cm	0.76 mg/L	6.82 NTU	-36.9 mV	3.31 ft	200.00 ml/min
2/20/2024 1:33 PM	25:00	7.60 pH	14.63 °C	336.76 µS/cm	0.46 mg/L	6.34 NTU	-39.2 mV	3.35 ft	200.00 ml/min
2/20/2024 1:38 PM	30:00	7.61 pH	14.70 °C	336.66 µS/cm	0.39 mg/L	5.32 NTU	-41.2 mV	3.35 ft	200.00 ml/min
2/20/2024 1:43 PM	35:00	7.61 pH	14.77 °C	336.75 µS/cm	0.40 mg/L	4.89 NTU	-38.8 mV	3.35 ft	200.00 ml/min

Samples

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

Low-Flow Test Report:

Test Date / Time: 2/20/2024 2:40:41 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: 49.73 ft Initial Depth to Water: 9.39 ft	Pump Type: Peri Tubing Type: Poly Pump Intake From TOC: 44.73 ft Estimated Total Volume Pumped: 10 liter Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.31 ft	Instrument Used: Aqua TROLL 400 Serial Number: 883530
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Test Notes:
Five bottles; Metals, TDS, Inorganics, and Major Ions

Weather Conditions:
Clear, 60 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	
2/20/2024 2:40 PM	00:00	7.17 pH	16.85 °C	380.55 µS/cm	1.56 mg/L	12.80 NTU	141.9 mV	9.69 ft	200.00 ml/min
2/20/2024 2:45 PM	05:00	7.13 pH	16.63 °C	379.62 µS/cm	1.39 mg/L	15.10 NTU	382.1 mV	9.70 ft	200.00 ml/min
2/20/2024 2:50 PM	10:00	7.11 pH	16.57 °C	380.18 µS/cm	1.28 mg/L	11.80 NTU	429.2 mV	9.70 ft	200.00 ml/min
2/20/2024 2:55 PM	15:00	7.11 pH	16.57 °C	380.56 µS/cm	1.29 mg/L	6.94 NTU	453.8 mV	9.70 ft	200.00 ml/min
2/20/2024 3:00 PM	20:00	7.10 pH	16.59 °C	380.23 µS/cm	1.11 mg/L	6.51 NTU	476.4 mV	9.70 ft	200.00 ml/min
2/20/2024 3:05 PM	25:00	7.10 pH	16.52 °C	378.62 µS/cm	0.98 mg/L	4.94 NTU	493.5 mV	9.70 ft	200.00 ml/min
2/20/2024 3:10 PM	30:00	7.10 pH	16.44 °C	376.42 µS/cm	0.90 mg/L	4.15 NTU	497.8 mV	9.70 ft	200.00 ml/min
2/20/2024 3:15 PM	35:00	7.11 pH	16.49 °C	373.09 µS/cm	0.76 mg/L	3.85 NTU	492.0 mV	9.70 ft	200.00 ml/min
2/20/2024 3:20 PM	40:00	7.11 pH	16.53 °C	368.95 µS/cm	0.68 mg/L	2.87 NTU	488.1 mV	9.70 ft	200.00 ml/min
2/20/2024 3:25 PM	45:00	7.11 pH	16.51 °C	365.59 µS/cm	0.63 mg/L	3.56 NTU	489.5 mV	9.70 ft	200.00 ml/min

Samples

Sample ID:	Description:
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HAM-GWC-23	Grab.
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August 2024

Low-Flow Test Report:

Test Date / Time: 8/11/2024 10:49:03 AM
Project: GP-Plant Hammond
Operator Name: C. Cain

Location Name: GWA-1 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 29.3 ft Total Depth: 39.3 ft Initial Depth to Water: 17.03 ft	Pump Type: Peristaltic Tubing Type: Poly Pump Intake From TOC: 34.30 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: 1080293
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Test Notes:
3 bottles; Metals, TDS, Inorganics.

Weather Conditions:
Sunny, 75 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	
8/11/2024 10:49 AM	00:00	7.46 pH	18.79 °C	167.67 µS/cm	0.19 mg/L	2.25 NTU	136.9 mV	17.37 ft	200.00 ml/min
8/11/2024 10:54 AM	05:00	7.39 pH	18.05 °C	169.76 µS/cm	0.12 mg/L	1.35 NTU	85.9 mV	17.40 ft	200.00 ml/min
8/11/2024 10:59 AM	10:00	7.35 pH	18.04 °C	169.21 µS/cm	0.11 mg/L	1.58 NTU	0.6 mV	17.42 ft	200.00 ml/min
8/11/2024 11:04 AM	15:00	7.32 pH	18.17 °C	165.06 µS/cm	0.10 mg/L	1.05 NTU	-60.6 mV	17.44 ft	200.00 ml/min
8/11/2024 11:09 AM	20:00	7.31 pH	18.16 °C	161.99 µS/cm	0.08 mg/L	0.80 NTU	-68.9 mV	17.45 ft	200.00 ml/min
8/11/2024 11:14 AM	25:00	7.30 pH	18.06 °C	159.82 µS/cm	0.09 mg/L	0.94 NTU	-73.3 mV	17.47 ft	200.00 ml/min
8/11/2024 11:19 AM	30:00	7.27 pH	18.05 °C	155.74 µS/cm	0.09 mg/L	0.78 NTU	-78.6 mV	17.49 ft	200.00 ml/min

Samples

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

Low-Flow Test Report:

Test Date / Time: 8/10/2024 3:16:06 PM
Project: GP-Plant Hammond
Operator Name: T. Kessler

Location Name: GWA-2 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 15.81 ft Total Depth: 25.81 ft Initial Depth to Water: 7.39 ft	Pump Type: Peristaltic Tubing Type: Poly Pump Intake From TOC: 20.81 ft Estimated Total Volume Pumped: 7 liter Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.40 ft	Instrument Used: Aqua TROLL 400 Serial Number: 884189
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Test Notes:
3 bottles; Metals, TDS, Inorganics.

Weather Conditions:
Sunny, 85 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
8/10/2024 3:16 PM	00:00	6.47 pH	21.47 °C	416.17 µS/cm	0.13 mg/L	7.83 NTU	-17.8 mV	7.79 ft	200.00 ml/min
8/10/2024 3:21 PM	05:00	6.61 pH	20.84 °C	419.84 µS/cm	0.07 mg/L	7.03 NTU	-27.0 mV	7.79 ft	200.00 ml/min
8/10/2024 3:26 PM	10:00	6.68 pH	20.71 °C	418.85 µS/cm	0.05 mg/L	3.18 NTU	-28.0 mV	7.79 ft	200.00 ml/min
8/10/2024 3:31 PM	15:00	6.71 pH	20.58 °C	419.07 µS/cm	0.04 mg/L	2.05 NTU	-27.8 mV	7.79 ft	200.00 ml/min
8/10/2024 3:36 PM	20:00	6.74 pH	20.66 °C	417.00 µS/cm	0.03 mg/L	2.33 NTU	-41.9 mV	7.79 ft	200.00 ml/min
8/10/2024 3:41 PM	25:00	6.75 pH	20.53 °C	417.08 µS/cm	0.02 mg/L	1.42 NTU	-27.8 mV	7.79 ft	200.00 ml/min
8/10/2024 3:46 PM	30:00	6.76 pH	20.49 °C	416.46 µS/cm	0.01 mg/L	1.93 NTU	-27.1 mV	7.79 ft	200.00 ml/min

Samples

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

Low-Flow Test Report:

Test Date / Time: 8/11/2024 11:18:04 AM
Project: GP-Plant Hammond
Operator Name: T. Kessler

Location Name: GWA-3 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 11.09 ft Total Depth: 21.09 ft Initial Depth to Water: 6.20 ft	Pump Type: Peristaltic Tubing Type: Poly Pump Intake From TOC: 16.09 ft Estimated Total Volume Pumped: 7 liter Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.40 ft	Instrument Used: Aqua TROLL 400 Serial Number: 884189
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Test Notes:
3 bottles; Metals, TDS, Inorganics.

Weather Conditions:
Sunny, 80 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
8/11/2024 11:18 AM	00:00	7.06 pH	24.51 °C	668.99 µS/cm	0.66 mg/L	1.47 NTU	52.9 mV	6.60 ft	200.00 ml/min
8/11/2024 11:23 AM	05:00	6.98 pH	24.11 °C	614.54 µS/cm	1.77 mg/L	1.92 NTU	23.6 mV	6.60 ft	200.00 ml/min
8/11/2024 11:28 AM	10:00	6.94 pH	23.93 °C	588.96 µS/cm	2.16 mg/L	0.91 NTU	16.3 mV	6.60 ft	200.00 ml/min
8/11/2024 11:33 AM	15:00	6.87 pH	23.97 °C	579.63 µS/cm	0.27 mg/L	1.17 NTU	-1.6 mV	6.60 ft	200.00 ml/min
8/11/2024 11:38 AM	20:00	6.87 pH	23.72 °C	579.62 µS/cm	0.07 mg/L	1.56 NTU	0.7 mV	6.60 ft	200.00 ml/min
8/11/2024 11:43 AM	25:00	6.83 pH	23.66 °C	575.74 µS/cm	0.06 mg/L	0.47 NTU	-1.4 mV	6.60 ft	200.00 ml/min
8/11/2024 11:48 AM	30:00	6.83 pH	23.66 °C	571.63 µS/cm	0.08 mg/L	0.63 NTU	-3.3 mV	6.60 ft	200.00 ml/min

Samples

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

Low-Flow Test Report:

Test Date / Time: 8/11/2024 10:18:53 AM
Project: GP-Plant Hammond
Operator Name: T. Kessler

Location Name: GWA-4 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 11.39 ft Total Depth: 21.39 ft Initial Depth to Water: 11 ft	Pump Type: Peristaltic Tubing Type: Poly Pump Intake From TOC: 16.39 ft Estimated Total Volume Pumped: 7 liter Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.85 ft	Instrument Used: Aqua TROLL 400 Serial Number: 884189
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Test Notes:
3 bottles; Metals, TDS, Inorganics.

Weather Conditions:
Sunny, 78 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	
8/11/2024 10:18 AM	00:00	7.06 pH	21.47 °C	628.72 µS/cm	0.45 mg/L	2.66 NTU	86.6 mV	11.85 ft	200.00 ml/min
8/11/2024 10:23 AM	05:00	7.00 pH	21.72 °C	567.85 µS/cm	0.28 mg/L	1.29 NTU	74.5 mV	11.85 ft	200.00 ml/min
8/11/2024 10:28 AM	10:00	6.93 pH	21.32 °C	582.98 µS/cm	0.26 mg/L	0.21 NTU	59.7 mV	11.85 ft	200.00 ml/min
8/11/2024 10:33 AM	15:00	6.87 pH	21.85 °C	579.63 µS/cm	0.24 mg/L	0.77 NTU	58.9 mV	11.85 ft	200.00 ml/min
8/11/2024 10:38 AM	20:00	6.84 pH	21.94 °C	580.09 µS/cm	0.22 mg/L	0.09 NTU	58.6 mV	11.85 ft	200.00 ml/min
8/11/2024 10:43 AM	25:00	6.80 pH	21.76 °C	587.22 µS/cm	0.25 mg/L	0.08 NTU	58.6 mV	11.85 ft	200.00 ml/min
8/11/2024 10:48 AM	30:00	6.77 pH	21.82 °C	578.65 µS/cm	0.28 mg/L	0.56 NTU	58.0 mV	11.85 ft	200.00 ml/min

Samples

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

Low-Flow Test Report:

Test Date / Time: 8/11/2024 10:41:46 AM
Project: GP-Plant Hammond
Operator Name: Z. Webb

Location Name: GWA-11 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 25.9 ft Total Depth: 35.9 ft Initial Depth to Water: 19.11 ft	Pump Type: Peristaltic Tubing Type: Polyethylene Pump Intake From TOC: 30.90 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: 1080297
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Test Notes:
3 bottles; Metals, TDS, Inorganics.

Weather Conditions:
Clear, 80 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	
8/11/2024 10:41 AM	00:00	7.03 pH	17.48 °C	167.43 µS/cm	1.11 mg/L	66.50 NTU	-19.7 mV	19.11 ft	200.00 ml/min
8/11/2024 10:46 AM	05:00	7.04 pH	17.19 °C	163.03 µS/cm	1.58 mg/L	42.60 NTU	-17.8 mV	19.43 ft	200.00 ml/min
8/11/2024 10:51 AM	10:00	7.04 pH	17.11 °C	165.80 µS/cm	1.48 mg/L	23.10 NTU	-32.1 mV	19.58 ft	200.00 ml/min
8/11/2024 10:56 AM	15:00	7.04 pH	17.18 °C	166.29 µS/cm	1.76 mg/L	15.40 NTU	-29.0 mV	19.58 ft	200.00 ml/min
8/11/2024 11:01 AM	20:00	7.01 pH	17.10 °C	166.43 µS/cm	1.17 mg/L	9.46 NTU	-32.5 mV	19.58 ft	200.00 ml/min
8/11/2024 11:06 AM	25:00	7.01 pH	17.18 °C	166.58 µS/cm	1.01 mg/L	5.36 NTU	-17.5 mV	19.58 ft	200.00 ml/min
8/11/2024 11:11 AM	30:00	7.01 pH	17.13 °C	167.03 µS/cm	0.99 mg/L	3.58 NTU	-32.7 mV	19.58 ft	200.00 ml/min
8/11/2024 11:16 AM	35:00	7.01 pH	17.09 °C	167.24 µS/cm	1.12 mg/L	2.35 NTU	-32.2 mV	19.58 ft	200.00 ml/min

Samples

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

Low-Flow Test Report:

Test Date / Time: 8/12/2024 9:42:38 AM
Project: GP-Plant Hammond
Operator Name: Z. Webb

Location Name: GWC-5 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 11.41 ft Total Depth: 21.41 ft Initial Depth to Water: 5.71 ft	Pump Type: Peristaltic Tubing Type: Polyethylene Pump Intake From TOC: 16.41 ft Estimated Total Volume Pumped: 7 liter Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.20 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1080297
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Test Notes:
3 Bottles: Metals; TDS; Inorganics.

Weather Conditions:
Clear, 80 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	
8/12/2024 9:42 AM	00:00	7.13 pH	23.06 °C	517.27 µS/cm	0.18 mg/L	13.28 NTU	-10.3 mV	5.71 ft	200.00 ml/min
8/12/2024 9:47 AM	05:00	7.13 pH	22.27 °C	516.85 µS/cm	0.10 mg/L	5.15 NTU	-15.2 mV	5.86 ft	200.00 ml/min
8/12/2024 9:52 AM	10:00	7.12 pH	22.09 °C	514.35 µS/cm	0.07 mg/L	4.82 NTU	-18.1 mV	5.87 ft	200.00 ml/min
8/12/2024 9:57 AM	15:00	7.12 pH	22.05 °C	511.73 µS/cm	0.06 mg/L	3.25 NTU	-20.0 mV	5.89 ft	200.00 ml/min
8/12/2024 10:02 AM	20:00	7.12 pH	21.98 °C	510.29 µS/cm	0.05 mg/L	2.67 NTU	-21.8 mV	5.91 ft	200.00 ml/min
8/12/2024 10:07 AM	25:00	7.11 pH	21.97 °C	509.16 µS/cm	0.04 mg/L	2.58 NTU	-24.0 mV	5.91 ft	200.00 ml/min
8/12/2024 10:12 AM	30:00	7.11 pH	21.99 °C	506.85 µS/cm	0.05 mg/L	1.16 NTU	-25.8 mV	5.91 ft	200.00 ml/min

Samples

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

Low-Flow Test Report:

Test Date / Time: 8/12/2024 11:00:37 AM
Project: GP-Plant Hammond
Operator Name: C. 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: 17.84 ft	Pump Type: Peristaltic Tubing Type: Poly Pump Intake From TOC: 37.58 ft Estimated Total Volume Pumped: 7 liter Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.13 ft	Instrument Used: Aqua TROLL 400 Serial Number: 883530
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Test Notes:
3 bottles; Metals, TDS, Inorganics.

Weather Conditions:
Sunny, 78 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	
8/12/2024 11:00 AM	00:00	6.83 pH	24.20 °C	0.00 µS/cm	7.83 mg/L	35.00 NTU	159.3 mV	17.97 ft	200.00 ml/min
8/12/2024 11:05 AM	05:00	7.30 pH	19.94 °C	432.74 µS/cm	0.47 mg/L	23.30 NTU	291.7 mV	17.97 ft	200.00 ml/min
8/12/2024 11:10 AM	10:00	7.31 pH	19.60 °C	434.04 µS/cm	0.48 mg/L	15.70 NTU	300.2 mV	17.97 ft	200.00 ml/min
8/12/2024 11:15 AM	15:00	7.33 pH	19.51 °C	433.16 µS/cm	0.43 mg/L	10.65 NTU	329.9 mV	17.97 ft	200.00 ml/min
8/12/2024 11:20 AM	20:00	7.33 pH	19.53 °C	435.47 µS/cm	0.39 mg/L	9.13 NTU	350.9 mV	17.97 ft	200.00 ml/min
8/12/2024 11:25 AM	25:00	7.35 pH	19.61 °C	436.89 µS/cm	0.34 mg/L	7.84 NTU	362.8 mV	17.97 ft	200.00 ml/min
8/12/2024 11:30 AM	30:00	7.36 pH	19.73 °C	438.94 µS/cm	0.32 mg/L	7.73 NTU	375.6 mV	17.97 ft	200.00 ml/min
8/12/2024 11:35 AM	35:00	7.36 pH	19.82 °C	439.17 µS/cm	0.23 mg/L	4.95 NTU	383.5 mV	17.97 ft	200.00 ml/min

Samples

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

Low-Flow Test Report:

Test Date / Time: 8/11/2024 12:13:38 PM
Project: GP-Plant Hammond
Operator Name: C. Cain

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: 17.76 ft	Pump Type: Peristaltic Tubing Type: Poly Pump Intake From TOC: 26.91 ft Estimated Total Volume Pumped: 12 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: 1080293
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Test Notes:
3 bottles; Metals, TDS, Inorganics.

Weather Conditions:
Sunny, 82 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	
8/11/2024 12:13 PM	00:00	5.85 pH	21.70 °C	330.56 µS/cm	0.15 mg/L	61.50 NTU	25.4 mV	18.03 ft	200.00 ml/min
8/11/2024 12:18 PM	05:00	5.89 pH	21.56 °C	337.79 µS/cm	0.10 mg/L	45.40 NTU	19.6 mV	18.03 ft	200.00 ml/min
8/11/2024 12:23 PM	10:00	5.90 pH	21.69 °C	342.69 µS/cm	0.08 mg/L	26.60 NTU	15.6 mV	18.03 ft	200.00 ml/min
8/11/2024 12:28 PM	15:00	5.92 pH	21.64 °C	346.20 µS/cm	0.07 mg/L	20.60 NTU	12.9 mV	18.03 ft	200.00 ml/min
8/11/2024 12:33 PM	20:00	5.93 pH	21.59 °C	347.96 µS/cm	0.06 mg/L	13.70 NTU	11.1 mV	18.03 ft	200.00 ml/min
8/11/2024 12:38 PM	25:00	5.94 pH	21.42 °C	349.12 µS/cm	0.06 mg/L	10.80 NTU	9.9 mV	18.03 ft	200.00 ml/min
8/11/2024 12:43 PM	30:00	5.94 pH	21.55 °C	349.88 µS/cm	0.05 mg/L	9.90 NTU	8.6 mV	18.03 ft	200.00 ml/min
8/11/2024 12:48 PM	35:00	5.94 pH	21.46 °C	349.90 µS/cm	0.05 mg/L	7.88 NTU	8.0 mV	18.03 ft	200.00 ml/min
8/11/2024 12:53 PM	40:00	5.94 pH	21.59 °C	349.75 µS/cm	0.05 mg/L	6.83 NTU	7.6 mV	18.03 ft	200.00 ml/min
8/11/2024 12:58 PM	45:00	5.94 pH	21.63 °C	350.71 µS/cm	0.04 mg/L	6.78 NTU	7.2 mV	18.03 ft	200.00 ml/min
8/11/2024 1:03 PM	50:00	5.94 pH	21.44 °C	350.48 µS/cm	0.04 mg/L	6.11 NTU	7.2 mV	18.03 ft	200.00 ml/min
8/11/2024 1:08 PM	55:00	5.93 pH	21.55 °C	349.76 µS/cm	0.05 mg/L	4.83 NTU	7.3 mV	18.03 ft	200.00 ml/min

Samples

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

Low-Flow Test Report:

Test Date / Time: 8/11/2024 1:50:06 PM
Project: GP-Plant Hammond
Operator Name: C. Cain

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: 14.22 ft	Pump Type: Peristaltic Tubing Type: Poly Pump Intake From TOC: 22.13 ft Estimated Total Volume Pumped: 13 liter Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 3.09 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1080293
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Test Notes:
3 bottles; Metals, TDS, Inorganics.

Weather Conditions:
Sunny, 85 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
8/11/2024 1:50 PM	00:00	7.34 pH	21.87 °C	432.96 µS/cm	0.19 mg/L	11.50 NTU	6.0 mV	15.41 ft	200.00 ml/min
8/11/2024 1:55 PM	05:00	7.40 pH	20.62 °C	438.76 µS/cm	0.11 mg/L	10.70 NTU	5.3 mV	16.01 ft	200.00 ml/min
8/11/2024 2:00 PM	10:00	7.41 pH	20.51 °C	440.71 µS/cm	0.10 mg/L	12.80 NTU	-23.3 mV	16.45 ft	200.00 ml/min
8/11/2024 2:05 PM	15:00	7.41 pH	20.47 °C	441.85 µS/cm	0.12 mg/L	37.60 NTU	-33.9 mV	16.71 ft	200.00 ml/min
8/11/2024 2:10 PM	20:00	7.42 pH	20.43 °C	443.14 µS/cm	0.12 mg/L	40.10 NTU	-41.8 mV	16.89 ft	200.00 ml/min
8/11/2024 2:15 PM	25:00	7.41 pH	20.44 °C	446.20 µS/cm	0.13 mg/L	45.30 NTU	-49.3 mV	16.99 ft	200.00 ml/min
8/11/2024 2:20 PM	30:00	7.42 pH	20.40 °C	448.18 µS/cm	0.11 mg/L	38.30 NTU	-57.3 mV	17.09 ft	200.00 ml/min
8/11/2024 2:25 PM	35:00	7.42 pH	20.27 °C	450.08 µS/cm	0.10 mg/L	26.00 NTU	-64.2 mV	17.14 ft	200.00 ml/min
8/11/2024 2:30 PM	40:00	7.43 pH	19.94 °C	451.89 µS/cm	0.11 mg/L	18.00 NTU	-69.6 mV	17.20 ft	200.00 ml/min
8/11/2024 2:35 PM	45:00	7.42 pH	20.26 °C	454.24 µS/cm	0.12 mg/L	11.40 NTU	-74.8 mV	17.23 ft	200.00 ml/min
8/11/2024 2:40 PM	50:00	7.42 pH	20.08 °C	453.52 µS/cm	0.12 mg/L	8.42 NTU	-77.5 mV	17.25 ft	200.00 ml/min
8/11/2024 2:45 PM	55:00	7.42 pH	20.15 °C	455.15 µS/cm	0.12 mg/L	6.36 NTU	-79.5 mV	17.28 ft	200.00 ml/min
8/11/2024 2:50 PM	01:00:00	7.42 pH	20.12 °C	454.73 µS/cm	0.11 mg/L	4.75 NTU	-80.6 mV	17.31 ft	200.00 ml/min

Samples

Sample ID:	Description:
HAM-GWC-8	Grab.
HAM-HLF-FD-02	Grab.

Low-Flow Test Report:

Test Date / Time: 8/11/2024 3:56:12 PM
Project: GP-Plant Hammond
Operator Name: Z. Webb

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: 17.24 ft	Pump Type: Peristaltic Tubing Type: Polyethylene 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: 0.36 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1080297
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Test Notes:
3 bottles; Metals, TDS, Inorganics.

Weather Conditions:
Clear, 90 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	
8/11/2024 3:56 PM	00:00	7.46 pH	21.08 °C	266.25 µS/cm	3.91 mg/L	18.70 NTU	3.8 mV	17.24 ft	200.00 ml/min
8/11/2024 4:01 PM	05:00	7.11 pH	19.92 °C	266.72 µS/cm	1.02 mg/L	14.60 NTU	-61.4 mV	17.57 ft	200.00 ml/min
8/11/2024 4:06 PM	10:00	7.10 pH	19.75 °C	278.25 µS/cm	0.88 mg/L	5.37 NTU	-54.5 mV	17.59 ft	200.00 ml/min
8/11/2024 4:11 PM	15:00	7.09 pH	19.68 °C	279.38 µS/cm	0.95 mg/L	3.69 NTU	-52.7 mV	17.59 ft	200.00 ml/min
8/11/2024 4:16 PM	20:00	7.07 pH	19.39 °C	277.57 µS/cm	1.04 mg/L	2.34 NTU	-54.0 mV	17.59 ft	200.00 ml/min
8/11/2024 4:21 PM	25:00	7.07 pH	19.65 °C	274.08 µS/cm	1.06 mg/L	1.18 NTU	-55.8 mV	17.60 ft	200.00 ml/min
8/11/2024 4:26 PM	30:00	7.05 pH	19.51 °C	276.18 µS/cm	1.09 mg/L	1.34 NTU	-56.0 mV	17.60 ft	200.00 ml/min

Samples

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

Low-Flow Test Report:

Test Date / Time: 8/11/2024 12:24:18 PM
Project: GP-Plant Hammond
Operator Name: Z. Webb

Location Name: GWC-10 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 23.98 ft Total Depth: 33.98 ft Initial Depth to Water: 18.26 ft	Pump Type: Peristaltic Tubing Type: Polyethylene Pump Intake From TOC: 28.98 ft Estimated Total Volume Pumped: 25 liter Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.06 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1080297
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Test Notes:
3 bottles; Metals, TDS, Inorganics.

Weather Conditions:
Clear, 90 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	
8/11/2024 12:24 PM	00:00	7.45 pH	18.49 °C	252.56 µS/cm	1.15 mg/L	90.30 NTU	-48.7 mV	18.26 ft	200.00 ml/min
8/11/2024 12:29 PM	05:00	7.47 pH	17.90 °C	254.29 µS/cm	1.06 mg/L	76.60 NTU	-71.2 mV	18.31 ft	200.00 ml/min
8/11/2024 12:34 PM	10:00	7.46 pH	17.89 °C	252.39 µS/cm	1.11 mg/L	62.60 NTU	-48.8 mV	18.31 ft	200.00 ml/min
8/11/2024 12:39 PM	15:00	7.49 pH	17.66 °C	254.37 µS/cm	1.10 mg/L	47.80 NTU	-48.6 mV	18.31 ft	200.00 ml/min
8/11/2024 12:44 PM	20:00	7.49 pH	17.70 °C	255.23 µS/cm	1.07 mg/L	32.90 NTU	-49.4 mV	18.31 ft	200.00 ml/min
8/11/2024 12:49 PM	25:00	7.49 pH	17.77 °C	257.17 µS/cm	1.09 mg/L	28.00 NTU	-50.3 mV	18.32 ft	200.00 ml/min
8/11/2024 12:54 PM	30:00	7.47 pH	17.78 °C	249.06 µS/cm	1.10 mg/L	17.40 NTU	-50.2 mV	18.32 ft	200.00 ml/min
8/11/2024 12:59 PM	35:00	7.46 pH	17.66 °C	257.19 µS/cm	1.09 mg/L	15.00 NTU	-50.4 mV	18.32 ft	200.00 ml/min
8/11/2024 1:04 PM	40:00	7.49 pH	17.71 °C	248.66 µS/cm	1.12 mg/L	12.48 NTU	-51.0 mV	18.32 ft	200.00 ml/min
8/11/2024 1:09 PM	45:00	7.48 pH	17.84 °C	254.84 µS/cm	1.12 mg/L	10.02 NTU	-51.8 mV	18.32 ft	200.00 ml/min
8/11/2024 1:14 PM	50:00	7.48 pH	17.86 °C	253.87 µS/cm	1.10 mg/L	9.19 NTU	-51.8 mV	18.32 ft	200.00 ml/min
8/11/2024 1:19 PM	55:00	7.48 pH	17.88 °C	255.84 µS/cm	1.12 mg/L	8.38 NTU	-52.5 mV	18.32 ft	200.00 ml/min
8/11/2024 1:24 PM	01:00:00	7.50 pH	18.10 °C	252.45 µS/cm	1.10 mg/L	7.89 NTU	-52.9 mV	18.32 ft	200.00 ml/min

8/11/2024 1:29 PM	01:05:00	7.49 pH	18.06 °C	259.59 µS/cm	1.11 mg/L	11.22 NTU	-52.8 mV	18.32 ft	200.00 ml/min
8/11/2024 1:34 PM	01:10:00	7.49 pH	18.24 °C	252.93 µS/cm	1.12 mg/L	13.09 NTU	-53.1 mV	18.32 ft	200.00 ml/min
8/11/2024 1:39 PM	01:15:00	7.49 pH	17.95 °C	253.31 µS/cm	1.09 mg/L	6.97 NTU	-52.6 mV	18.32 ft	200.00 ml/min
8/11/2024 1:44 PM	01:20:00	7.47 pH	17.99 °C	197.42 µS/cm	1.15 mg/L	7.45 NTU	-52.3 mV	18.32 ft	200.00 ml/min
8/11/2024 1:49 PM	01:25:00	7.46 pH	17.98 °C	259.38 µS/cm	1.15 mg/L	6.32 NTU	-52.3 mV	18.32 ft	200.00 ml/min
8/11/2024 1:54 PM	01:30:00	7.49 pH	17.91 °C	255.26 µS/cm	1.17 mg/L	5.01 NTU	-52.4 mV	18.32 ft	200.00 ml/min
8/11/2024 1:59 PM	01:35:00	7.48 pH	17.88 °C	241.15 µS/cm	1.15 mg/L	4.54 NTU	-52.8 mV	18.32 ft	200.00 ml/min
8/11/2024 2:04 PM	01:40:00	7.47 pH	17.90 °C	249.83 µS/cm	1.16 mg/L	5.15 NTU	-53.0 mV	18.32 ft	200.00 ml/min
8/11/2024 2:09 PM	01:45:00	7.50 pH	17.89 °C	254.61 µS/cm	1.15 mg/L	6.37 NTU	-52.9 mV	18.32 ft	200.00 ml/min
8/11/2024 2:14 PM	01:50:00	7.49 pH	17.90 °C	254.97 µS/cm	1.16 mg/L	3.87 NTU	-53.4 mV	18.32 ft	200.00 ml/min
8/11/2024 2:19 PM	01:55:00	7.49 pH	18.02 °C	255.00 µS/cm	1.14 mg/L	3.76 NTU	-54.0 mV	18.32 ft	200.00 ml/min
8/11/2024 2:24 PM	02:00:00	7.48 pH	17.90 °C	254.25 µS/cm	1.18 mg/L	3.62 NTU	-53.4 mV	18.32 ft	200.00 ml/min

Samples

Sample ID:	Description:
HAM-GWC-10	Grab.

Low-Flow Test Report:

Test Date / Time: 8/12/2024 11:39:36 AM
Project: GP-Plant Hammond
Operator Name: T. Kessler

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: 15.35 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: 1.43 ft	Instrument Used: Aqua TROLL 400 Serial Number: 884189
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Test Notes:
3 bottles; Metals, TDS, Inorganics.

Weather Conditions:
Sunny, 80 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
8/12/2024 11:39 AM	00:00	7.76 pH	19.78 °C	317.27 µS/cm	2.02 mg/L	1.63 NTU	53.1 mV	16.15 ft	200.00 ml/min
8/12/2024 11:44 AM	05:00	7.74 pH	19.17 °C	320.43 µS/cm	1.94 mg/L	2.08 NTU	47.8 mV	16.50 ft	200.00 ml/min
8/12/2024 11:49 AM	10:00	7.74 pH	19.09 °C	318.64 µS/cm	1.84 mg/L	1.02 NTU	47.0 mV	16.65 ft	200.00 ml/min
8/12/2024 11:54 AM	15:00	7.76 pH	18.99 °C	314.37 µS/cm	1.67 mg/L	0.96 NTU	41.0 mV	16.70 ft	200.00 ml/min
8/12/2024 11:59 AM	20:00	7.74 pH	19.06 °C	312.24 µS/cm	1.65 mg/L	1.37 NTU	36.7 mV	16.77 ft	200.00 ml/min
8/12/2024 12:04 PM	25:00	7.75 pH	19.06 °C	309.86 µS/cm	1.50 mg/L	1.72 NTU	31.5 mV	16.78 ft	200.00 ml/min
8/12/2024 12:09 PM	30:00	7.75 pH	19.02 °C	310.39 µS/cm	1.57 mg/L	0.98 NTU	28.2 mV	16.78 ft	200.00 ml/min

Samples

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

Low-Flow Test Report:

Test Date / Time: 8/12/2024 10:32:07 AM
Project: GP-Plant Hammond
Operator Name: T. Kessler

Location Name: GWC-19 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 47.51 ft Total Depth: 57.51 ft Initial Depth to Water: 22.25 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: 0.25 ft	Instrument Used: Aqua TROLL 400 Serial Number: 884189
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Test Notes:
3 bottles; Metals, TDS, Inorganics.

Weather Conditions:
Cloudy, 80 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	
8/12/2024 10:32 AM	00:00	7.18 pH	21.55 °C	336.04 µS/cm	0.40 mg/L	8.00 NTU	86.2 mV	22.48 ft	200.00 ml/min
8/12/2024 10:37 AM	05:00	7.38 pH	19.92 °C	340.83 µS/cm	0.24 mg/L	3.50 NTU	54.4 mV	22.50 ft	200.00 ml/min
8/12/2024 10:42 AM	10:00	7.48 pH	19.69 °C	345.03 µS/cm	0.18 mg/L	4.20 NTU	35.1 mV	22.50 ft	200.00 ml/min
8/12/2024 10:47 AM	15:00	7.53 pH	19.77 °C	353.05 µS/cm	0.17 mg/L	2.09 NTU	21.0 mV	22.50 ft	200.00 ml/min
8/12/2024 10:52 AM	20:00	7.58 pH	19.64 °C	351.72 µS/cm	0.13 mg/L	3.24 NTU	10.7 mV	22.50 ft	200.00 ml/min
8/12/2024 10:57 AM	25:00	7.60 pH	19.64 °C	358.28 µS/cm	0.13 mg/L	2.99 NTU	2.0 mV	22.50 ft	200.00 ml/min
8/12/2024 11:02 AM	30:00	7.61 pH	19.82 °C	360.75 µS/cm	0.13 mg/L	2.95 NTU	-7.0 mV	22.50 ft	200.00 ml/min

Samples

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

Low-Flow Test Report:

Test Date / Time: 8/11/2024 3:18:31 PM
Project: GP-Plant Hammond
Operator Name: T. Kessler

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: 6.50 ft	Pump Type: Peristaltic Tubing Type: Poly Pump Intake From TOC: 29.18 ft Estimated Total Volume Pumped: 7 liter Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 1.05 ft	Instrument Used: Aqua TROLL 400 Serial Number: 884189
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Test Notes:
3 bottles; Metals, TDS, Inorganics.

Weather Conditions:
Sunny, 85 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
8/11/2024 3:18 PM	00:00	7.00 pH	21.63 °C	400.47 µS/cm	0.21 mg/L	28.20 NTU	-111.3 mV	7.15 ft	200.00 ml/min
8/11/2024 3:23 PM	05:00	7.11 pH	20.89 °C	401.46 µS/cm	0.22 mg/L	14.80 NTU	-126.6 mV	7.30 ft	200.00 ml/min
8/11/2024 3:28 PM	10:00	7.18 pH	20.53 °C	399.95 µS/cm	0.11 mg/L	12.50 NTU	-124.2 mV	7.40 ft	200.00 ml/min
8/11/2024 3:33 PM	15:00	7.22 pH	20.18 °C	404.28 µS/cm	0.10 mg/L	9.07 NTU	-126.6 mV	7.50 ft	200.00 ml/min
8/11/2024 3:38 PM	20:00	7.26 pH	20.00 °C	405.31 µS/cm	0.07 mg/L	9.07 NTU	-127.7 mV	7.55 ft	200.00 ml/min
8/11/2024 3:43 PM	25:00	7.29 pH	19.71 °C	404.75 µS/cm	0.05 mg/L	7.13 NTU	-128.1 mV	7.55 ft	200.00 ml/min
8/11/2024 3:48 PM	30:00	7.31 pH	19.73 °C	403.63 µS/cm	0.06 mg/L	4.59 NTU	-128.3 mV	7.55 ft	200.00 ml/min

Samples

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

Low-Flow Test Report:

Test Date / Time: 8/11/2024 1:56:18 PM
Project: GP-Plant Hammond
Operator Name: T. Kessler

Location Name: GWC-21 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 8.23 ft Total Depth: 18.23 ft Initial Depth to Water: 8.05 ft	Pump Type: Peristaltic Tubing Type: Poly Pump Intake From TOC: 13.23 ft Estimated Total Volume Pumped: 11 liter Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.75 ft	Instrument Used: Aqua TROLL 400 Serial Number: 884189
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Test Notes:
3 bottles; Metals, TDS, Inorganics.

Weather Conditions:
Sunny, 80 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
8/11/2024 1:56 PM	00:00	7.43 pH	21.38 °C	488.22 µS/cm	0.24 mg/L	3.74 NTU	-29.9 mV	8.55 ft	200.00 ml/min
8/11/2024 2:01 PM	05:00	7.39 pH	20.91 °C	493.91 µS/cm	0.14 mg/L	1.31 NTU	-9.9 mV	8.63 ft	200.00 ml/min
8/11/2024 2:06 PM	10:00	7.33 pH	21.26 °C	487.43 µS/cm	0.22 mg/L	1.30 NTU	1.8 mV	8.69 ft	200.00 ml/min
8/11/2024 2:11 PM	15:00	7.20 pH	21.61 °C	452.67 µS/cm	0.48 mg/L	1.05 NTU	5.5 mV	8.72 ft	200.00 ml/min
8/11/2024 2:16 PM	20:00	6.94 pH	21.76 °C	382.69 µS/cm	0.53 mg/L	1.08 NTU	25.2 mV	8.75 ft	200.00 ml/min
8/11/2024 2:21 PM	25:00	6.67 pH	21.85 °C	319.42 µS/cm	0.33 mg/L	0.93 NTU	46.9 mV	8.78 ft	200.00 ml/min
8/11/2024 2:26 PM	30:00	6.48 pH	21.85 °C	292.30 µS/cm	0.25 mg/L	0.69 NTU	60.3 mV	8.80 ft	200.00 ml/min
8/11/2024 2:31 PM	35:00	6.37 pH	21.86 °C	281.63 µS/cm	0.21 mg/L	0.86 NTU	66.8 mV	8.80 ft	200.00 ml/min
8/11/2024 2:36 PM	40:00	6.29 pH	21.93 °C	273.74 µS/cm	0.20 mg/L	0.79 NTU	71.4 mV	8.80 ft	200.00 ml/min
8/11/2024 2:41 PM	45:00	6.25 pH	21.94 °C	270.48 µS/cm	0.20 mg/L	0.82 NTU	74.4 mV	8.80 ft	200.00 ml/min
8/11/2024 2:46 PM	50:00	6.22 pH	22.00 °C	266.92 µS/cm	0.19 mg/L	0.77 NTU	76.4 mV	8.80 ft	200.00 ml/min

Samples

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

Low-Flow Test Report:

Test Date / Time: 8/11/2024 12:42:57 PM
Project: GP-Plant Hammond
Operator Name: T. Kessler

Location Name: GWC-22 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 31.91 ft Total Depth: 41.91 ft Initial Depth to Water: 5.05 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: 0.95 ft	Instrument Used: Aqua TROLL 400 Serial Number: 884189
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Test Notes:
3 bottles; Metals, TDS, Inorganics.

Weather Conditions:
Sunny, 80 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
8/11/2024 12:42 PM	00:00	6.71 pH	22.72 °C	329.04 µS/cm	0.65 mg/L	3.42 NTU	-190.0 mV	5.70 ft	200.00 ml/min
8/11/2024 12:47 PM	05:00	6.96 pH	21.33 °C	332.71 µS/cm	0.54 mg/L	3.79 NTU	-209.0 mV	5.85 ft	200.00 ml/min
8/11/2024 12:52 PM	10:00	7.12 pH	20.97 °C	331.47 µS/cm	0.53 mg/L	3.89 NTU	-194.7 mV	5.95 ft	200.00 ml/min
8/11/2024 12:57 PM	15:00	7.23 pH	20.67 °C	325.20 µS/cm	0.62 mg/L	4.09 NTU	-178.0 mV	6.00 ft	200.00 ml/min
8/11/2024 1:02 PM	20:00	7.28 pH	20.53 °C	328.56 µS/cm	0.67 mg/L	4.30 NTU	-179.0 mV	6.00 ft	200.00 ml/min
8/11/2024 1:07 PM	25:00	7.33 pH	20.48 °C	327.36 µS/cm	0.69 mg/L	4.22 NTU	-170.1 mV	6.00 ft	200.00 ml/min
8/11/2024 1:12 PM	30:00	7.37 pH	20.39 °C	325.46 µS/cm	0.72 mg/L	4.64 NTU	-161.3 mV	6.00 ft	200.00 ml/min

Samples

Sample ID:	Description:
HAM-GWC-22	Grab.
HAM-HLF-FD-01	Grab.

Low-Flow Test Report:

Test Date / Time: 8/12/2024 9:43:15 AM
Project: GP-Plant Hammond
Operator Name: C. Cain

Location Name: GWC-23 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 39.73 ft Total Depth: 49.73 ft Initial Depth to Water: 16.26 ft	Pump Type: Peristaltic Tubing Type: Poly Pump Intake From TOC: 44.73 ft Estimated Total Volume Pumped: 6 liter Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.61 ft	Instrument Used: Aqua TROLL 400 Serial Number: 883530
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Test Notes:
3 bottles; Metals, TDS, Inorganics.

Weather Conditions:
Sunny, 71 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	
8/12/2024 9:43 AM	00:00	7.48 pH	19.87 °C	314.44 µS/cm	0.76 mg/L	8.18 NTU	21.7 mV	16.71 ft	200.00 ml/min
8/12/2024 9:48 AM	05:00	7.38 pH	17.60 °C	315.83 µS/cm	0.18 mg/L	7.02 NTU	338.5 mV	16.81 ft	200.00 ml/min
8/12/2024 9:53 AM	10:00	7.34 pH	17.37 °C	312.09 µS/cm	0.12 mg/L	6.44 NTU	358.8 mV	16.87 ft	200.00 ml/min
8/12/2024 9:58 AM	15:00	7.33 pH	17.37 °C	308.07 µS/cm	0.10 mg/L	5.10 NTU	370.9 mV	16.87 ft	200.00 ml/min
8/12/2024 10:03 AM	20:00	7.30 pH	17.42 °C	302.68 µS/cm	0.22 mg/L	4.82 NTU	452.3 mV	16.87 ft	200.00 ml/min
8/12/2024 10:08 AM	25:00	7.31 pH	17.49 °C	296.54 µS/cm	0.23 mg/L	4.52 NTU	383.0 mV	16.87 ft	200.00 ml/min
8/12/2024 10:13 AM	30:00	7.31 pH	17.55 °C	292.06 µS/cm	0.09 mg/L	3.77 NTU	467.4 mV	16.87 ft	200.00 ml/min

Samples

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

December 2024

Low-Flow Test Report:

Test Date / Time: 12/3/2024 8:53:09 AM
Project: GP-Plant Hammond
Operator Name: Zain Webb

Location Name: GWC-21 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 8.23 ft Total Depth: 18.23 ft Initial Depth to Water: 6.19 ft	Pump Type: Peristaltic Tubing Type: Polyethylene Pump Intake From TOC: 13.23 ft Estimated Total Volume Pumped: 9 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: 1170065
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Test Notes:
One Bottle: Chloride.

Weather Conditions:
Clear, 40 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	
12/3/2024 8:53 AM	00:00	6.62 pH	14.08 °C	289.07 µS/cm	2.35 mg/L	6.88 NTU	-1.3 mV	6.19 ft	200.00 ml/min
12/3/2024 8:58 AM	05:00	6.44 pH	13.89 °C	263.95 µS/cm	1.71 mg/L	5.36 NTU	7.0 mV	6.51 ft	200.00 ml/min
12/3/2024 9:03 AM	10:00	6.36 pH	13.72 °C	244.73 µS/cm	1.40 mg/L	4.45 NTU	11.7 mV	6.56 ft	200.00 ml/min
12/3/2024 9:08 AM	15:00	6.32 pH	13.77 °C	240.05 µS/cm	1.33 mg/L	4.62 NTU	20.4 mV	6.57 ft	200.00 ml/min
12/3/2024 9:13 AM	20:00	6.30 pH	13.86 °C	229.76 µS/cm	1.62 mg/L	3.74 NTU	20.2 mV	6.58 ft	200.00 ml/min
12/3/2024 9:18 AM	25:00	6.24 pH	13.77 °C	226.19 µS/cm	1.50 mg/L	4.29 NTU	24.9 mV	6.58 ft	200.00 ml/min
12/3/2024 9:23 AM	30:00	6.20 pH	13.87 °C	218.88 µS/cm	1.48 mg/L	3.21 NTU	29.2 mV	6.58 ft	200.00 ml/min
12/3/2024 9:28 AM	35:00	6.20 pH	13.77 °C	218.19 µS/cm	1.55 mg/L	3.49 NTU	32.5 mV	6.58 ft	200.00 ml/min
12/3/2024 9:33 AM	40:00	6.19 pH	13.68 °C	211.54 µS/cm	1.60 mg/L	3.27 NTU	33.6 mV	6.58 ft	200.00 ml/min

Samples

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

CALIBRATION REPORTS

February 2024

Site Name: Pine Hammock

Field Instrumentation Calibration Form

Date: 2-19-24Calibrated By: C. CAINField Conditions: Sunny 27

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	<u>2m-Site</u>	<u>880702</u>
Turbidity Meter	<u>2m-Site</u>	<u>220420041</u>

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance ($\mu\text{S}/\text{cm}$)	4.490	<u>24000044</u>	<u>5/24</u>	<u>2m-Site</u>
pH (SU)	4.00	<u>24000044</u>	<u>5/24</u>	<u>2m-Site</u>
pH (SU)	7.00	<u>22290139</u>	<u>4/24</u>	<u>2m-Site</u>
pH (SU)	10.00	<u>22110130</u>	<u>4/24</u>	<u>2m-Site</u>
D.O. (%)	N/A			
ORP (mV)	228.0	<u>24002258</u>	<u>6/24</u>	<u>2m-Site</u>

Calibration					
Time Start	<u>09:00 (JD)</u>	Time Finish	<u>09:35 (JD)</u>		
Parameter	Standard	Calibration Value	Calibration Solution Temperature ($^{\circ}\text{C}$)	Acceptance Criteria	Reference
Specific Conductance ($\mu\text{S}/\text{cm}$)	4.490	<u>4490</u>	<u>6.64</u>	$\pm 10\%$ of standard	EPA 2023
pH (SU)	4.00	<u>4.0</u>	<u>6.83</u>	± 0.1	GWMP
pH (SU)	7.00	<u>7.0</u>	<u>7.17</u>	± 0.1	GWMP
pH (SU)	10.00	<u>10.0</u>	<u>7.70</u>	± 0.1	GWMP
D.O. (%)	N/A	<u>100</u>	<u>9.42</u>	$\pm 10\%$	NA
ORP (mV)	228.0	<u>228.0</u>	<u>7.71</u>	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	<u>20</u>	<u>20</u>	$\pm 10\%$ of standard	EPA 2023
	<u>100</u>	<u>100</u>		
	<u>800</u>	<u>800</u>		

Calibration Check					
Time Start	<u>12:50 (JD)</u>	Time Finish	<u>13:05 (JD)</u>		
Parameter	Standard	Calibration Value	Calibration Solution Temperature ($^{\circ}\text{C}$)	Acceptance Criteria	Reference
Specific Conductance ($\mu\text{S}/\text{cm}$)	4.490	<u>4481</u>	<u>16.58</u>	$\pm 10\%$ of standard	EPA 2023
pH (SU)	4.00	<u>4.02</u>	<u>16.27</u>	± 0.1	GWMP
pH (SU)	7.00	<u>7.01</u>	<u>15.98</u>	± 0.1	GWMP
pH (SU)	10.00	<u>10.01</u>	<u>16.0</u>	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	<u>20</u>	<u>19.8</u>	$\pm 10\%$ of standard	EPA 2023
	<u>100</u>	<u>97</u>		
	<u>800</u>	<u>806</u>		

Notes:

Site Name: Plant Hammond

Field Instrumentation Calibration Form

Date: 7/19/2024Calibrated By: L. KesslerField Conditions: Clear, 33°F

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	<u>Agilent 1140</u>	<u>883520</u>
Turbidity Meter	<u>Fluor h</u>	<u>2290000 P3</u>

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance ($\mu\text{S}/\text{cm}$)	4.490	<u>24000049</u>	<u>5/24</u>	<u>insitu</u> ↓
pH (SU)	4.00	<u>24000049</u>	<u>5/24</u>	
pH (SU)	7.00	<u>22290139</u>	<u>4/24</u>	
pH (SU)	10.00	<u>22110130</u>	<u>4/24</u>	
D.O. (%)	N/A			
ORP (mV)	228.0	<u>24002258</u>	<u>6/24</u>	

Calibration					
Time Start <u>0900</u>		Time Finish <u>0940</u>			
Parameter	Standard	Calibration Value	Calibration Solution Temperature ($^{\circ}\text{C}$)	Acceptance Criteria	Reference
Specific Conductance ($\mu\text{S}/\text{cm}$)	4.490	<u>4490</u>	<u>6.51</u>	$\pm 10\%$ of standard	EPA 2023
pH (SU)	4.00	<u>4.00</u>	<u>6.24</u>	± 0.1	GWMP
pH (SU)	7.00	<u>7.00</u>	<u>6.94</u>	± 0.1	GWMP
pH (SU)	10.00	<u>10.00</u>	<u>7.33</u>	± 0.1	GWMP
D.O. (%)	N/A	<u>100</u>		$\pm 10\%$	NA
ORP (mV)	228.0	<u>228</u>	<u>7.66</u>	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	<u>20</u>	<u>19.5</u>	$\pm 10\%$ of standard	EPA 2023
	<u>100</u>	<u>102</u>		
	<u>800</u>	<u>821</u>		
	<u>10</u>	<u>9.8</u>		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature ($^{\circ}\text{C}$)	Acceptance Criteria	Reference
Specific Conductance ($\mu\text{S}/\text{cm}$)	4.490			$\pm 10\%$ of standard	EPA 2023
pH (SU)	4.00			± 0.1	GWMP
pH (SU)	7.00			± 0.1	GWMP
pH (SU)	10.00			± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
			$\pm 10\%$ of standard	EPA 2023

Notes:

No mnd day due to start @ noon.

Site Name: Plant Hammond

Field Instrumentation Calibration Form

Date: 2-20-24Calibrated By: C. CAINField Conditions: Sunny

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	<u>Zn-Situ</u>	<u>850967</u>
Turbidity Meter	<u>71000</u>	<u>2200042046</u>

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance ($\mu\text{S}/\text{cm}$)	4,490	<u>2402044</u>	<u>5/24</u>	<u>Zn-Situ</u>
pH (SU)	4.00	<u>2402044</u>	<u>5/24</u>	<u>Zn-Situ</u>
pH (SU)	7.00	<u>22290139</u>	<u>4/24</u>	<u>Zn-Situ</u>
pH (SU)	10.00	<u>22110130</u>	<u>4/24</u>	<u>Zn-Situ</u>
D.O. (%)	N/A	—	—	—
ORP (mV)	228.0	<u>24003258</u>	—	<u>Zn-Situ</u>

Calibration					
Time Start <u>0755</u>		Time Finish <u>0830</u>			
Parameter	Standard	Calibration Value	Calibration Solution Temperature ($^{\circ}\text{C}$)	Acceptance Criteria	Reference
Specific Conductance ($\mu\text{S}/\text{cm}$)	4,490	<u>4490</u>	<u>8.29</u>	$\pm 10\%$ of standard	EPA 2023
pH (SU)	4.00	<u>4.0</u>	<u>8.51</u>	± 0.1	GWMP
pH (SU)	7.00	<u>7.0</u>	<u>8.98</u>	± 0.1	GWMP
pH (SU)	10.00	<u>10.0</u>	<u>9.33</u>	± 0.1	GWMP
D.O. (%)	N/A	<u>100</u>	<u>11.50</u>	$\pm 10\%$	NA
ORP (mV)	228.0	<u>228</u>	<u>9.35</u>	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	<u>20</u>	<u>20</u>	$\pm 10\%$ of standard	EPA 2023
	<u>100</u>	<u>100</u>		
	<u>800</u>	<u>800</u>		

Calibration Check					
Time Start <u>12:30</u> <u>GT</u>		Time Finish <u>12:35</u> <u>GT</u>			
Parameter	Standard	Calibration Value	Calibration Solution Temperature ($^{\circ}\text{C}$)	Acceptance Criteria	Reference
Specific Conductance ($\mu\text{S}/\text{cm}$)	4,490	<u>4490</u>	<u>16.72</u>	$\pm 10\%$ of standard	EPA 2023
pH (SU)	4.00	<u>4.0</u>	<u>16.12</u>	± 0.1	GWMP
pH (SU)	7.00	<u>7.0</u>	<u>16.98</u>	± 0.1	GWMP
pH (SU)	10.00	<u>10.0</u>	<u>15.89</u>	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	<u>20</u>	<u>20</u>	$\pm 10\%$ of standard	EPA 2023
	<u>100</u>	<u>100</u>		
	<u>800</u>	<u>800</u>		

Notes:

Site Name: Plant Hammond

Field Instrumentation Calibration Form

Calibrated By: T. HesseDate: 2/20/2024Field Conditions: Clear, 39°

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	<u>raychem 600</u>	<u>883532</u>
Turbidity Meter	<u>Hach</u>	<u>22800013</u>

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance ($\mu\text{S}/\text{cm}$)	4.490	<u>24000041</u>	<u>5/24</u>	<u>inity</u>
pH (SU)	4.00	<u>24000044</u>	<u>5/24</u>	
pH (SU)	7.00	<u>22790134</u>	<u>4/24</u>	
pH (SU)	10.00	<u>22110130</u>	<u>4/24</u>	
D.O. (%)	N/A			
ORP (mV)	228.0	<u>24002258</u>	<u>6/24</u>	

Calibration					
Time Start	<u>0730</u>	Time Finish	<u>0845</u>		
Parameter	Standard	Calibration Value	Calibration Solution Temperature ($^{\circ}\text{C}$)	Acceptance Criteria	Reference
Specific Conductance ($\mu\text{S}/\text{cm}$)	4.490	<u>4.490</u>	<u>6.21</u>	$\pm 10\%$ of standard	EPA 2023
pH (SU)	4.00	<u>4.00</u>	<u>6.94</u>	± 0.1	GWMP
pH (SU)	7.00	<u>7.00</u>	<u>7.70</u>	± 0.1	GWMP
pH (SU)	10.00	<u>10.00</u>	<u>8.38</u>	± 0.1	GWMP
D.O. (%)	N/A	<u>100</u>	<u>8.48</u>	$\pm 10\%$	NA
ORP (mV)	228.0	<u>228</u>	<u>8.57</u>	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	<u>20</u>	<u>20</u>	$\pm 10\%$ of standard	EPA 2023
	<u>100</u>	<u>100</u>		
	<u>800</u>	<u>800</u>		
	<u>10</u>	<u>10.2</u>		

Calibration Check					
Time Start	<u>1710</u>	Time Finish	<u>1720</u>		
Parameter	Standard	Calibration Value	Calibration Solution Temperature ($^{\circ}\text{C}$)	Acceptance Criteria	Reference
Specific Conductance ($\mu\text{S}/\text{cm}$)	4.490	<u>4.500</u>	<u>12.81</u>	$\pm 10\%$ of standard	EPA 2023
pH (SU)	4.00	<u>3.98</u>	<u>15.95</u>	± 0.1	GWMP
pH (SU)	7.00	<u>7.02</u>	<u>16.71</u>	± 0.1	GWMP
pH (SU)	10.00	<u>9.91</u>	<u>15.94</u>	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	<u>10</u>	<u>9.8</u>	$\pm 10\%$ of standard	EPA 2023
	<u>20</u>	<u>20.1</u>		
	<u>100</u>	<u>99</u>		
	<u>800</u>	<u>777</u>		

Notes:

Site Name: Pine Bluff

Field Instrumentation Calibration Form

Date: 2/21/2024

Calibrated By: J. Hester

Field Conditions: Clear, 55°

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	<u>Oyster Electronics</u>	<u>883530</u>
Turbidity Meter	<u>hach</u>	<u>22044400173</u>

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	<u>7418-0044</u>	<u>5/24</u>	<u>1msl</u>
pH (SU)	4.00	<u>24000044</u>	<u>5/24</u>	
pH (SU)	7.00	<u>22290039</u>	<u>4/24</u>	
pH (SU)	10.00	<u>27110039</u>	<u>4/24</u>	
D.O. (%)	N/A			
ORP (mV)	228.0	<u>24000039</u>	<u>6/24</u>	

Calibration					
Time Start			Time Finish		
<u>8:00</u>	<u>ST</u>		<u>8:30</u>	<u>GP</u>	
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	<u>4640</u>	<u>22.2</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>4.00</u>	<u>21.9</u>	± 0.1	GWMP
pH (SU)	7.00	<u>7.00</u>	<u>21.1</u>	± 0.1	GWMP
pH (SU)	10.00	<u>10.00</u>	<u>21.2</u>	± 0.1	GWMP
D.O. (%)	N/A	<u>100</u>	<u>8.59</u>	± 10%	NA
ORP (mV)	228.0	<u>228</u>	<u>21.1</u>	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	<u>20</u>	<u>19.9</u>	± 10% of standard	EPA 2023
	<u>100</u>	<u>107</u>		
	<u>500</u>	<u>773</u>		
	<u>10</u>	<u>4.99</u>		

Calibration Check					
Time Start			Time Finish		
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490			± 10% of standard	EPA 2023
pH (SU)	4.00			± 0.1	GWMP
pH (SU)	7.00			± 0.1	GWMP
pH (SU)	10.00			± 0.1	GWMP

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

Notes:

19, 20, 21

Site Name: Plant Hammond

Field Instrumentation Calibration Form

Date: 2-24-24Calibrated By: C. CAWField Conditions: Sun 28F

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	<u>Hydromark</u>	<u>850712</u>
Turbidity Meter	<u>2100</u>	<u>2209200016</u>

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	<u>2400049</u>	<u>4/24</u>	<u>In-Situ</u>
pH (SU)	4.00	<u>22290139</u>	<u>4/24</u>	<u>In-Situ</u>
pH (SU)	7.00	<u>22290139</u>	<u>4/24</u>	<u>In-Situ</u>
pH (SU)	10.00	<u>22110136</u>	<u>4/24</u>	<u>In-Situ</u>
D.O. (%)	N/A	<u>—</u>	<u>—</u>	<u>—</u>
ORP (mV)	228.0	<u>24002258</u>	<u>4/24</u>	<u>In-Situ</u>

Calibration					
Time Start <u>0755</u>		Time Finish <u>0830</u>			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	<u>4490</u>	<u>9.89</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>4.0</u>	<u>10.12</u>	± 0.1	GWMP
pH (SU)	7.00	<u>7.0</u>	<u>10.23</u>	± 0.1	GWMP
pH (SU)	10.00	<u>10.0</u>	<u>11.10</u>	± 0.1	GWMP
D.O. (%)	N/A	<u>100.0</u>	<u>12.42</u>	± 10%	NA
ORP (mV)	228.0	<u>228.0</u>	<u>11.22</u>	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	<u>20</u>	<u>13.6</u>	± 10% of standard	EPA 2023
	<u>40</u>	<u>102</u>		
	<u>60</u>	<u>812</u>		

Calibration Check					
Time Start <u>—</u>		Time Finish <u>—</u>			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490			± 10% of standard	EPA 2023
pH (SU)	4.00			± 0.1	GWMP
pH (SU)	7.00			± 0.1	GWMP
pH (SU)	10.00			± 0.1	GWMP

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

Notes:

JT

August 2024

Site Name: Plant Hammond

Field Instrumentation Calibration Form

Date: 8/10/24Calibrated By: T. KesslerField Conditions: Sunny, 80°

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	Aqua Troll 400	884109
Turbidity Meter	RaMotte	3123

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance ($\mu\text{S}/\text{cm}$)	4,490	241605593	7/1/24	T.H. Smith
pH (SU)	4.00	↓	↓	
pH (SU)	7.00	24004517	12/24	
pH (SU)	10.00	24000085	12/24	
D.O. (%)	N/A	—	—	
ORP (mV)	228.0	24000903	12/24	J

Calibration					
Time Start <u>8</u>		Time Finish <u>6:30</u>			
Parameter	Standard	Calibration Value	Calibration Solution Temperature ($^{\circ}\text{C}$)	Acceptance Criteria	Reference
Specific Conductance ($\mu\text{S}/\text{cm}$)	4,490	4490	26.69	$\pm 10\%$ of standard	EPA 2023
pH (SU)	4.00	4.0	26.77	± 0.1	GWMP
pH (SU)	7.00	7.0	27.02	± 0.1	GWMP
pH (SU)	10.00	10	27.15	± 0.1	GWMP
D.O. (%)	N/A	100	27.04	$\pm 10\%$	NA
ORP (mV)	228.0	228	27.60	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	0	0	$\pm 10\%$ of standard	EPA 2023
	1	.95		
	10	9.32		

Calibration Check					
Time Start <u>1400</u>		Time Finish <u>1410</u>			
Parameter	Standard	Calibration Value	Calibration Solution Temperature ($^{\circ}\text{C}$)	Acceptance Criteria	Reference
Specific Conductance ($\mu\text{S}/\text{cm}$)	4,490	4480	30.01	$\pm 10\%$ of standard	EPA 2023
pH (SU)	4.00	4.09	29.75	± 0.1	GWMP
pH (SU)	7.00	7.02	29.63	± 0.1	GWMP
pH (SU)	10.00	9.93	29.91	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	0	0	$\pm 10\%$ of standard	EPA 2023
	1	1		
	10	9.93		

Notes



Site Name: Plant Hammond

Field Instrumentation Calibration Form

Date: 8/11/24Calibrated By: L. CAINField Conditions: Sunny GGF

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	In Situ	1080293
Turbidity Meter	In Situ 2000	4023-2623

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance ($\mu\text{S}/\text{cm}$)	4.490	24005593	12/24	In Situ
pH (SU)	4.00	↓	↓	
pH (SU)	7.00	24004517	11/24	
pH (SU)	10.00	2400085	11/24	
D.O. (%)	N/A	—	12/24	
ORP (mV)	228.0	24006903	12/24	↓

Calibration					
Time Start <u>0800</u>		Time Finish <u>0930</u>			
Parameter	Standard	Calibration Value	Calibration Solution Temperature ($^{\circ}\text{C}$)	Acceptance Criteria	Reference
Specific Conductance ($\mu\text{S}/\text{cm}$)	4.490	4490	23.49	$\pm 10\%$ of standard	EPA 2023
pH (SU)	4.00	4.6	23.49	± 0.1	GWMP
pH (SU)	7.00	7.0	24.00	± 0.1	GWMP
pH (SU)	10.00	10.00	24.16	± 0.1	GWMP
D.O. (%)	N/A	100%	23.21	$\pm 10\%$	NA
ORP (mV)	228.0	228	23.99	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	0	0.00	$\pm 10\%$ of standard	EPA 2023
	1	0.97		
	10	9.94		

Calibration Check					
Time Start <u>13:20 (P)</u>		Time Finish <u>13:30 (P)</u>			
Parameter	Standard	Calibration Value	Calibration Solution Temperature ($^{\circ}\text{C}$)	Acceptance Criteria	Reference
Specific Conductance ($\mu\text{S}/\text{cm}$)	4.490	4487	31.02	$\pm 10\%$ of standard	EPA 2023
pH (SU)	4.00	4.02	31.09	± 0.1	GWMP
pH (SU)	7.00	6.98	33.92	± 0.1	GWMP
pH (SU)	10.00	10.04	33.87	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	0	0.00	$\pm 10\%$ of standard	EPA 2023
	1	1.03		
	10	9.96		

Notes:

Site Name: Plant Hammond

Field Instrumentation Calibration Form

Date: 8/11/2024Calibrated By: T. MesserField Conditions: Sunny, 78°

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	Aquatic 11600	884189
Turbidity Meter	Lamotte	3123

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24005593	11/24	In Situ
pH (SU)	4.00	↓	↓	
pH (SU)	7.00	24004517	12/24	
pH (SU)	10.00	24000085	12/24	
D.O. (%)	N/A	—	—	
ORP (mV)	228.0	24000903	12/24	↓

Calibration					
Time Start <u>0540</u>		Time Finish <u>0515</u>			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	24.41	± 10% of standard	EPA 2023
pH (SU)	4.00	4.0	24.43	± 0.1	GWMP
pH (SU)	7.00	7.0	24.71	± 0.1	GWMP
pH (SU)	10.00	10	24.52	± 0.1	GWMP
D.O. (%)	N/A	100	24.09	± 10%	NA
ORP (mV)	228.0	228	24.83	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	0	0	± 10% of standard	EPA 2023
	1	1.02		
	10	10.0		
	—	—		

Calibration Check					
Time Start <u>1230</u>		Time Finish <u>1235</u>			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4430.9	29.74	± 10% of standard	EPA 2023
pH (SU)	4.00	4.09	29.74	± 0.1	GWMP
pH (SU)	7.00	6.91	30.01	± 0.1	GWMP
pH (SU)	10.00	9.91	29.93	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	0	0	± 10% of standard	EPA 2023
	1	1.01		
	10	9.90		
	—	—		

Notes:

Site Name: Pant Hammond

Field Instrumentation Calibration Form

Date: 8-11-24Calibrated By: Zain W.Field Conditions: Clear, 75°F

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	1583297
Turbidity Meter	LaMotte 2020we	1511-4111

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24005593	12/2024	ATR
pH (SU)	4.00	24005593	12/2024	ATR
pH (SU)	7.00	24004517	12/2024	ATR
pH (SU)	10.00	24000085	12/2024	ATR
D.O. (%)	N/A			ATR
ORP (mV)	228.0	24006903	12/2024	ATR

Calibration					
Time Start <u>0749</u>		Time Finish <u>0815</u>			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	24.70	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	24.66	± 0.1	GWMP
pH (SU)	7.00	7.00	25.29	± 0.1	GWMP
pH (SU)	10.00	10.00	25.40	± 0.1	GWMP
D.O. (%)	N/A	100%	21.89	± 10%	NA
ORP (mV)	228.0	228.0	24.90	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	0	0	± 10% of standard	EPA 2023
	1	1		
	10	10		
	-	-		

Calibration Check					
Time Start <u>1523</u>		Time Finish <u>1538</u>			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	32.76	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	32.29	± 0.1	GWMP
pH (SU)	7.00	7.00	36.88	± 0.1	GWMP
pH (SU)	10.00	10.00	29.00	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	0	0	± 10% of standard	EPA 2023
	1	1		
	10	10		
	-	-		

Notes:

Site Name: Plant Hammond

Field Instrumentation Calibration Form

Date: 8/12/24Calibrated By: J. KesslerField Conditions: Clear, 78°

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	<u>HI 91420</u>	<u>884184</u>
Turbidity Meter	<u>HANNA</u>	<u>3173</u>

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance ($\mu\text{S}/\text{cm}$)	4,490	<u>24005592</u>	<u>11/24</u>	<u>INSITU</u>
pH (SU)	4.00	<u>4</u>	<u>12/24</u>	
pH (SU)	7.00	<u>24004517</u>	<u>12/24</u>	
pH (SU)	10.00	<u>24000085</u>	<u>12/2024</u>	
D.O. (%)	N/A			
ORP (mV)	228.0	<u>24006903</u>	<u>12/2024</u>	

Calibration					
Time Start <u>0815</u>		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature ($^{\circ}\text{C}$)	Acceptance Criteria	Reference
Specific Conductance ($\mu\text{S}/\text{cm}$)	4,490	<u>4440</u>	<u>72.96</u>	$\pm 10\%$ of standard	EPA 2023
pH (SU)	4.00	<u>4.0</u>	<u>25.94</u>	± 0.1	GWMP
pH (SU)	7.00	<u>7.00</u>	<u>26.47</u>	± 0.1	GWMP
pH (SU)	10.00	<u>10.00</u>	<u>26.63</u>	± 0.1	GWMP
D.O. (%)	N/A	<u>100</u>	<u>75.92</u>	$\pm 10\%$	NA
ORP (mV)	228.0	<u>228.0</u>	<u>26.53</u>	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	<u>0</u>	<u>0</u>	$\pm 10\%$ of standard	EPA 2023
	<u>1</u>	<u>1.25</u>		
	<u>10</u>	<u>9.50</u>		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature ($^{\circ}\text{C}$)	Acceptance Criteria	Reference
Specific Conductance ($\mu\text{S}/\text{cm}$)	4,490			$\pm 10\%$ of standard	EPA 2023
pH (SU)	4.00			± 0.1	GWMP
pH (SU)	7.00			± 0.1	GWMP
pH (SU)	10.00			± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
			$\pm 10\%$ of standard	EPA 2023

Notes:

Site Name: Plant Hammond

Field Instrumentation Calibration Form

Date: 8-12-24Calibrated By: Zain W.Field Conditions: Clear, 75°F

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	<u>AquaTroll 400</u>	<u>1080297</u>
Turbidity Meter	<u>LaMotte 2020we</u>	<u>1511-4111</u>

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance ($\mu\text{S}/\text{cm}$)	4.490	<u>24005593</u>	<u>12/2024</u>	<u>AIR</u>
pH (SU)	4.00	<u>24005593</u>	<u>12/2024</u>	<u>AIR</u>
pH (SU)	7.00	<u>24004517</u>	<u>12/2024</u>	<u>AIR</u>
pH (SU)	10.00	<u>24000085</u>	<u>12/2024</u>	<u>AIR</u>
D.O. (%)	N/A	—	—	<u>AIR</u>
ORP (mV)	228.0	<u>24006903</u>	<u>12/2024</u>	<u>AIR</u>

Calibration					
Time Start <u>08:14</u>		Time Finish <u>08:36</u>			
Parameter	Standard	Calibration Value	Calibration Solution Temperature ($^{\circ}\text{C}$)	Acceptance Criteria	Reference
Specific Conductance ($\mu\text{S}/\text{cm}$)	4.490	<u>4490</u>	<u>24.73</u>	$\pm 10\%$ of standard	EPA 2023
pH (SU)	4.00	<u>4.00</u>	<u>24.68</u>	± 0.1	GWMP
pH (SU)	7.00	<u>7.00</u>	<u>24.79</u>	± 0.1	GWMP
pH (SU)	10.00	<u>10.00</u>	<u>24.80</u>	± 0.1	GWMP
D.O. (%)	N/A	<u>100%</u>	<u>22.77</u>	$\pm 10\%$	NA
ORP (mV)	228.0	<u>228.0</u>	<u>24.70</u>	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	<u>0</u>	<u>0</u>	$\pm 10\%$ of standard	EPA 2023
	<u>1</u>	<u>1</u>		
	<u>10</u>	<u>10</u>		
	—	—		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature ($^{\circ}\text{C}$)	Acceptance Criteria	Reference
Specific Conductance ($\mu\text{S}/\text{cm}$)	4.490	—	—	$\pm 10\%$ of standard	EPA 2023
pH (SU)	4.00	—	—	± 0.1	GWMP
pH (SU)	7.00	—	—	± 0.1	GWMP
pH (SU)	10.00	—	—	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	—	—	$\pm 10\%$ of standard	EPA 2023
	—	—		
	—	—		
	—	—		

Notes:

Site Name: Plant Hammond

Field Instrumentation Calibration Form

Calibrated By: C. CAINDate: 8/12/24Field Conditions: Sunny 67

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	<u>Argentia II</u>	<u>88-3532</u>
Turbidity Meter	<u>Leuco 3000</u>	<u>4123-2623</u>

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance ($\mu\text{S}/\text{cm}$)	4.490	<u>2405593</u>	<u>11/24</u>	<u>Zn-5.70</u> ↓ ↓ ↓ ↓
pH (SU)	4.00	<u>24004617</u>	<u>12/24</u>	
pH (SU)	7.00	<u>2400285</u>	<u>12/24</u>	
pH (SU)	10.00	<u>24006903</u>	<u>12/24</u>	
D.O. (%)	N/A			
ORP (mV)	228.0			

Calibration					
Time Start <u>0816</u>		Time Finish <u>8:45 (PT)</u>			
Parameter	Standard	Calibration Value	Calibration Solution Temperature ($^{\circ}\text{C}$)	Acceptance Criteria	Reference
Specific Conductance ($\mu\text{S}/\text{cm}$)	4.490	<u>4.490</u>	<u>21.92</u>	$\pm 10\%$ of standard	EPA 2023
pH (SU)	4.00	<u>4.0</u>	<u>21.92</u>	± 0.1	GWMP
pH (SU)	7.00	<u>7.0</u>	<u>22.39</u>	± 0.1	GWMP
pH (SU)	10.00	<u>10.0</u>	<u>22.47</u>	± 0.1	GWMP
D.O. (%)	N/A	<u>100%</u>	<u>22.04</u>	$\pm 10\%$	NA
ORP (mV)	228.0	<u>228</u>	<u>23.98</u>	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	<u>0</u>	<u>0.00</u>	$\pm 10\%$ of standard	EPA 2023
	<u>1</u>	<u>1.03</u>		
	<u>10</u>	<u>9.98</u>		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature ($^{\circ}\text{C}$)	Acceptance Criteria	Reference
Specific Conductance ($\mu\text{S}/\text{cm}$)	4.490			$\pm 10\%$ of standard	EPA 2023
pH (SU)	4.00			± 0.1	GWMP
pH (SU)	7.00			± 0.1	GWMP
pH (SU)	10.00			± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
			$\pm 10\%$ of standard	EPA 2023

Notes:

December 2024

Site Name: Plant Hammond

Field Instrumentation Calibration Form

Date: 12/13/24

Calibrated By: Zain W.

Field Conditions: Clear, 30°F

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	<u>AquaTroll 400</u>	<u>1170065</u>
Turbidity Meter	<u>La Motte 2020e</u>	

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4.490	<u>24010943</u>	<u>05/2025</u>	<u>ATR</u>
pH (SU)	4.00	<u>24010943</u>	<u>05/2025</u>	<u>ATR</u>
pH (SU)	7.00	<u>24008587</u>	<u>06/2025</u>	<u>ATR</u>
pH (SU)	10.00	<u>24004990</u>	<u>06/2025</u>	<u>ATR</u>
D.O. (%)	N/A			
ORP (mV)	228.0	<u>24011792</u>	<u>06/2025</u>	<u>ATR</u>

Calibration					
Time Start <u>8702</u>		Time Finish <u>8723</u>			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	<u>6.440</u>	<u>6.09</u>	± 10% of standard	EPA 2023
pH (SU)	4.00	<u>5.00</u>	<u>6.73</u>	± 0.1	GWMP
pH (SU)	7.00	<u>7.00</u>	<u>7.84</u>	± 0.1	GWMP
pH (SU)	10.00	<u>10.00</u>	<u>8.38</u>	± 0.1	GWMP
D.O. (%)	N/A	<u>100%</u>	<u>8.70</u>	± 10%	NA
ORP (mV)	228.0	<u>228.0</u>	<u>8.57</u>	± 10	EPA 2023

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	<u>0</u>	<u>0</u>	± 10% of standard	EPA 2023
	<u>1</u>	<u>1</u>		
	<u>10</u>	<u>10</u>		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490			± 10% of standard	EPA 2023
pH (SU)	4.00			± 0.1	GWMP
pH (SU)	7.00			± 0.1	GWMP
pH (SU)	10.00			± 0.1	GWMP

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

Notes:

APPENDIX C

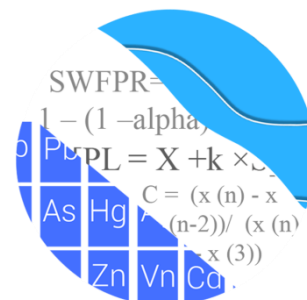
Statistical Analyses Reports

February 2024

GROUNDWATER STATS CONSULTING

August 30, 2024

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



Re: Plant Hammond's Huffaker Road Landfill
Background Update and Statistical Analysis – February 2024

Dear Ms. Jurinko,

Groundwater Stats Consulting, formerly the statistical consulting division of Sanitas Technologies, is pleased to provide the background update and February 2024 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 Kristina Rayner, Senior Statistician and Founder of 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. Note that due to elevated historic reporting limits, the current reporting limit for arsenic of 0.005 mg/L was substituted across all wells in order to maintain statistical limits that are conservative from a regulatory perspective.

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: 15 (all Appendix I parameters)
- # 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 for parametric limits. This technique adjusts the mean and standard deviation of the historical concentrations to account for concentrations below the reporting limit.
- Nonparametric prediction limits are used on data containing greater than 50% non-detects.

Natural systems continuously evolve due to physical changes made to the environment. Examples include capping a landfill, paving areas near a well, or lining a drainage channel to prevent erosion. Periodic updating of background statistical limits is necessary to accommodate these types of changes. In the interwell case, prediction limits are updated with upgradient well data during each event after careful screening for any new outliers. In the intrawell case, data for all wells and constituents may re-evaluated when a minimum of 4 new data points 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 spatial 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 spatial variation rather than facility impacts. A second step can be used to further evaluate those exceedances and reduce the overall number of SSIs that result from spatial variation. In instances where intrawell statistical methods identify an apparent SSI, a second step of

interwell statistical evaluation may be used to determine whether the measurement exceeds the sitewide background limit based on pooled upgradient well data. This is similar in concept to the procedure used in compliance monitoring programs where an interwell statistical limit is used to determine “background” (USEPA Unified Guidance (2009), Chapter 7, Section 7.5). For the detection monitoring program, if the result does not exceed sitewide (interwell) background, an SSI is not declared.

When the result exceeds the sitewide (interwell) background, the 1-of-2 resample plan allows for collection of an independent resample to confirm 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 spatial variation rather than facility impact to groundwater. If a facility impact has occurred, it will likely result in additional exceedances in future sampling events. When a statistically significant increasing trend is noted, additional data may be needed to determine whether the initial intrawell statistical exceedance is a result of spatial 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.

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 spatial 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 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 spatial 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

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 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 2024

Outlier Testing

Prior to updating background data, Tukey's outlier test and visual screening were used to evaluate Appendix III constituents from both upgradient and downgradient wells through August 2023, except for pH at downgradient well GWC-6 which was resampled in November 2023. 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 spatial variation. Visual screening and Tukey's outlier test confirmed previously flagged values. Values not identified by Tukey's test but flagged in the data base (such as high values for sulfate at upgradient well GWA-3 and downgradient wells GWC-5 and GWC-23, and TDS at upgradient wells GWA-3 and GWA-4), were flagged in order to maintain conservative statistical limits. 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 August 2021 for Appendix I and III constituents and to the new compliance samples at each well through August 2023, except for pH at downgradient well GWC-6 (Figure D). Previously truncated data sets discussed above were also compared to the most recent set of measurements through August 2023. 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 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 changes to resulting statistical limits were

marginal. Additionally, recorded observations for well/constituent pairs with significant differences were similar to or lower than concentrations found upgradient of the facility. Exceptions where compliance concentrations were outside the range of historic observations include barium and chloride at upgradient well GWA-3. Since these concentrations are upgradient of the facility, the measurements are assumed to represent background conditions unrelated to the facility.

Although not identified by the Mann-Whitney test to have a statistically significant decrease in median concentrations, the following records had earlier portions of the record truncated to reduce variability among background data and construct a statistical limit that is both more conservative from a regulatory perspective and representative of present-day groundwater quality conditions:

- Barium: GWA-4 (upgradient)
- Beryllium: GWC-7

All records were updated through August 2023. A summary of special cases with background data sets utilizing a truncated portion of their record follows this letter. Any adjustments are shown in the Date Range Table in addition to adjustments listed from previous updates.

Evaluation of Georgia EPD Appendix I and CCR Appendix III Constituents – February 2024

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 spatial variation for a release from the facility.

In cases where downgradient average concentrations are higher than observed upgradient concentrations for a given constituent where intrawell analyses are recommended, the current assumption is that this is due to spatial variation rather than a result of practices at the landfill. Validation of this assumption requires a separate analysis or investigation that is beyond the scope of this data screening study.

Evaluation of Georgia EPD Appendix I Parameters – February 2024

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 2023, except for the cases mentioned above (Figure E). The February 2024 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 and no exceedances were identified.

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. 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. 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. Because no exceedances were identified among downgradient wells for Appendix I parameters, no trend tests were required.

Evaluation of CCR Appendix III Parameters – February 2024

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 2023 (Figure F). The February 2024 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:

- Chloride: GWC-21
- Sulfate: GWC-19
- TDS: GWA-11, GWA-2 (both upgradient), GWC-19, GWC-20, and GWC-9

When exceedances are identified in upgradient wells, such as TDS, it may be an indication that groundwater quality is changing due to spatial variation or off-site influences unrelated to practices at the site.

Two-Step Approach

When interwell prediction limits were constructed for the apparent intrawell prediction limit exceedances in downgradient wells, no exceedances were identified (Figure G).

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 H). The following statistically significant trends were identified:

Increasing:

- Sulfate: GWA-2 (upgradient)
- TDS: GWA-2 (upgradient) and GWC-20

Decreasing:

- Chloride: GWA-3 and GWA-4 (both upgradient)
- Sulfate: GWA-11 and GWA-4 (both upgradient)

Summary

Georgia EPD Appendix I Constituents

Based on the result of the Appendix I intrawell prediction limit results followed by the two-step approach, no statistically significant exceedances were identified.

CCR Appendix III Constituents

Based on the results of the Appendix III intrawell prediction limit results followed by the two-step approach and the resample data, no statistically significant exceedances were identified.

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,



Andrew T. Collins
Project Manager



Kristina L. Rayner
Senior Statistician

100% Non-Detects: Appendix I

Analysis Run 4/28/2024 4:55 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Antimony (mg/L)

GWC-20, GWC-21, GWC-23

Arsenic (mg/L)

GWA-1, GWA-2, GWC-10, GWC-19, GWC-20, GWC-22, GWC-6

Beryllium (mg/L)

GWA-1, GWA-11, GWA-2, GWA-4, GWC-10, GWC-18, GWC-20, GWC-21, GWC-22, GWC-23, GWC-5, GWC-6, GWC-8, GWC-9

Cadmium (mg/L)

GWA-1, GWA-11, GWA-2, GWA-3, GWC-19, GWC-22, GWC-6

Cobalt (mg/L)

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

Copper (mg/L)

GWA-1

Lead (mg/L)

GWA-1, GWA-2, GWA-4, GWC-9

Selenium (mg/L)

GWA-1, GWA-11, GWA-2, GWA-3, GWC-18, GWC-19, GWC-20, GWC-23, GWC-5, GWC-6, GWC-7, GWC-8

Silver (mg/L)

GWA-1, GWA-11, GWA-2, GWA-3, GWA-4, 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)

GWA-11, GWA-2, GWA-3, GWA-4, 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)

GWA-11, GWA-2, GWA-3, GWC-10, GWC-18, GWC-19, GWC-20, GWC-22, GWC-6, GWC-8

Date Ranges

Date: 3/5/2024 1:05 PM

Plant Hammond Data: Huffaker Road Landfill

Barium (mg/L)

GWA-2 background:4/13/2010-8/14/2023

GWA-4 background:4/14/2010-8/14/2023

GWC-19 background:4/13/2010-8/15/2023

GWC-22 background:4/13/2010-8/15/2023

GWC-6 background:4/13/2010-8/14/2023

GWC-7 background:4/3/2012-8/15/2023

GWC-9 background:4/13/2010-8/15/2023

Beryllium (mg/L)

GWC-7 background:4/5/2011-8/15/2023

Cobalt (mg/L)

GWC-7 background:3/12/2013-8/15/2023

Nickel (mg/L)

GWC-7 background:3/12/2013-8/15/2023

Sulfate (mg/L)

GWC-20 background:4/9/2019-8/15/2023

Zinc (mg/L)

GWC-7 background:3/12/2013-8/15/2023

Appendix I - Welch's t-test/Mann-Whitney - Significant Results

Plant Hammond Data: Huffaker Road Landfill Printed 3/4/2024, 4:17 PM

<u>Constituent</u>	<u>Well</u>	<u>Calc.</u>	<u>0.01</u>	<u>Alpha</u>	<u>Method</u>
Antimony (mg/L)	GWA-1 (bg)	-3.406	Yes	0.01	Mann-W
Barium (mg/L)	GWA-11 (bg)	-2.673	Yes	0.01	Mann-W
Barium (mg/L)	GWA-2 (bg)	2.667	Yes	0.01	Mann-W
Barium (mg/L)	GWA-3 (bg)	-3.287	Yes	0.01	Mann-W
Barium (mg/L)	GWC-20	3.036	Yes	0.01	Mann-W
Barium (mg/L)	GWC-5	-2.943	Yes	0.01	Mann-W
Cobalt (mg/L)	GWA-1 (bg)	-2.603	Yes	0.01	Mann-W
Cobalt (mg/L)	GWA-11 (bg)	-3.064	Yes	0.01	Mann-W
Cobalt (mg/L)	GWA-3 (bg)	-2.937	Yes	0.01	Mann-W
Cobalt (mg/L)	GWC-8	-3.549	Yes	0.01	Mann-W
Nickel (mg/L)	GWA-11 (bg)	-2.838	Yes	0.01	Mann-W
Nickel (mg/L)	GWA-3 (bg)	-4.109	Yes	0.01	Mann-W
Nickel (mg/L)	GWC-9	-3.096	Yes	0.01	Mann-W

Appendix I - Welch's t-test/Mann-Whitney - All Results

Plant Hammond Data: Huffaker Road Landfill Printed 3/4/2024, 4:17 PM

<u>Constituent</u>	<u>Well</u>	<u>Calc.</u>	<u>0.01</u>	<u>Alpha</u>	<u>Method</u>
Antimony (mg/L)	GWA-1 (bg)	-3.406	Yes	0.01	Mann-W
Antimony (mg/L)	GWA-11 (bg)	0.4063	No	0.01	Mann-W
Antimony (mg/L)	GWA-2 (bg)	0.5351	No	0.01	Mann-W
Antimony (mg/L)	GWA-3 (bg)	0.2433	No	0.01	Mann-W
Antimony (mg/L)	GWA-4 (bg)	0.4063	No	0.01	Mann-W
Antimony (mg/L)	GWC-10	0.2433	No	0.01	Mann-W
Antimony (mg/L)	GWC-18	-1.974	No	0.01	Mann-W
Antimony (mg/L)	GWC-19	0.2433	No	0.01	Mann-W
Antimony (mg/L)	GWC-5	0.4063	No	0.01	Mann-W
Antimony (mg/L)	GWC-6	0.2433	No	0.01	Mann-W
Antimony (mg/L)	GWC-7	0.4119	No	0.01	Mann-W
Antimony (mg/L)	GWC-8	0.4177	No	0.01	Mann-W
Antimony (mg/L)	GWC-9	0.4063	No	0.01	Mann-W
Arsenic (mg/L)	GWA-11 (bg)	0.2433	No	0.01	Mann-W
Arsenic (mg/L)	GWA-3 (bg)	1.048	No	0.01	Mann-W
Arsenic (mg/L)	GWA-4 (bg)	0.4189	No	0.01	Mann-W
Arsenic (mg/L)	GWC-18	0.5277	No	0.01	Mann-W
Arsenic (mg/L)	GWC-21	0.919	No	0.01	Mann-W
Arsenic (mg/L)	GWC-23	0.4063	No	0.01	Mann-W
Arsenic (mg/L)	GWC-5	0.4063	No	0.01	Mann-W
Arsenic (mg/L)	GWC-7	-0.06727	No	0.01	Mann-W
Arsenic (mg/L)	GWC-8	-0.1972	No	0.01	Mann-W
Arsenic (mg/L)	GWC-9	0.2433	No	0.01	Mann-W
Barium (mg/L)	GWA-1 (bg)	-0.708	No	0.01	Mann-W
Barium (mg/L)	GWA-11 (bg)	-2.673	Yes	0.01	Mann-W
Barium (mg/L)	GWA-2 (bg)	2.667	Yes	0.01	Mann-W
Barium (mg/L)	GWA-3 (bg)	-3.287	Yes	0.01	Mann-W
Barium (mg/L)	GWA-4 (bg)	-2.337	No	0.01	Mann-W
Barium (mg/L)	GWC-10	1.059	No	0.01	Mann-W
Barium (mg/L)	GWC-18	1.137	No	0.01	Mann-W
Barium (mg/L)	GWC-19	-0.08388	No	0.01	Mann-W
Barium (mg/L)	GWC-20	3.036	Yes	0.01	Mann-W
Barium (mg/L)	GWC-21	-0.6991	No	0.01	Mann-W
Barium (mg/L)	GWC-22	-0.1659	No	0.01	Mann-W
Barium (mg/L)	GWC-23	2.507	No	0.01	Mann-W
Barium (mg/L)	GWC-5	-2.943	Yes	0.01	Mann-W
Barium (mg/L)	GWC-6	-0.1935	No	0.01	Mann-W
Barium (mg/L)	GWC-7	1.124	No	0.01	Mann-W
Barium (mg/L)	GWC-8	2.555	No	0.01	Mann-W
Barium (mg/L)	GWC-9	1.854	No	0.01	Mann-W
Beryllium (mg/L)	GWA-3 (bg)	0.2433	No	0.01	Mann-W
Beryllium (mg/L)	GWC-19	0.2433	No	0.01	Mann-W
Beryllium (mg/L)	GWC-7	-1.384	No	0.01	Mann-W
Cadmium (mg/L)	GWA-4 (bg)	0.2433	No	0.01	Mann-W
Cadmium (mg/L)	GWC-10	0.2433	No	0.01	Mann-W
Cadmium (mg/L)	GWC-18	0.2433	No	0.01	Mann-W
Cadmium (mg/L)	GWC-20	0.2466	No	0.01	Mann-W
Cadmium (mg/L)	GWC-21	0.4179	No	0.01	Mann-W
Cadmium (mg/L)	GWC-23	0.2433	No	0.01	Mann-W
Cadmium (mg/L)	GWC-5	-0.4056	No	0.01	Mann-W
Cadmium (mg/L)	GWC-7	-0.5179	No	0.01	Mann-W
Cadmium (mg/L)	GWC-8	0.2466	No	0.01	Mann-W
Cadmium (mg/L)	GWC-9	0.4063	No	0.01	Mann-W
Chromium (mg/L)	GWA-1 (bg)	-0.05805	No	0.01	Mann-W
Chromium (mg/L)	GWA-11 (bg)	0.5277	No	0.01	Mann-W
Chromium (mg/L)	GWA-2 (bg)	0.2433	No	0.01	Mann-W
Chromium (mg/L)	GWA-3 (bg)	0.4063	No	0.01	Mann-W
Chromium (mg/L)	GWA-4 (bg)	0.4063	No	0.01	Mann-W
Chromium (mg/L)	GWC-10	-1.094	No	0.01	Mann-W
Chromium (mg/L)	GWC-18	0.4063	No	0.01	Mann-W
Chromium (mg/L)	GWC-19	0.5277	No	0.01	Mann-W
Chromium (mg/L)	GWC-20	0.146	No	0.01	Mann-W
Chromium (mg/L)	GWC-21	0.4177	No	0.01	Mann-W
Chromium (mg/L)	GWC-22	0.6309	No	0.01	Mann-W
Chromium (mg/L)	GWC-23	-0.05805	No	0.01	Mann-W
Chromium (mg/L)	GWC-5	0.2433	No	0.01	Mann-W
Chromium (mg/L)	GWC-6	0.2433	No	0.01	Mann-W
Chromium (mg/L)	GWC-7	0.8345	No	0.01	Mann-W

Appendix I - Welch's t-test/Mann-Whitney - All Results

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Plant Hammond Data: Huffaker Road Landfill Printed 3/4/2024, 4:17 PM

<u>Constituent</u>	<u>Well</u>	<u>Calc.</u>	<u>0.01</u>	<u>Alpha</u>	<u>Method</u>
Chromium (mg/L)	GWC-8	0.6401	No	0.01	Mann-W
Chromium (mg/L)	GWC-9	0.5277	No	0.01	Mann-W
Cobalt (mg/L)	GWA-1 (bg)	-2.603	Yes	0.01	Mann-W
Cobalt (mg/L)	GWA-11 (bg)	-3.064	Yes	0.01	Mann-W
Cobalt (mg/L)	GWA-2 (bg)	0.2433	No	0.01	Mann-W
Cobalt (mg/L)	GWA-3 (bg)	-2.937	Yes	0.01	Mann-W
Cobalt (mg/L)	GWA-4 (bg)	1.404	No	0.01	Mann-W
Cobalt (mg/L)	GWC-10	0.2433	No	0.01	Mann-W
Cobalt (mg/L)	GWC-21	-1.026	No	0.01	Mann-W
Cobalt (mg/L)	GWC-23	0.6309	No	0.01	Mann-W
Cobalt (mg/L)	GWC-5	-2.218	No	0.01	Mann-W
Cobalt (mg/L)	GWC-6	0.2433	No	0.01	Mann-W
Cobalt (mg/L)	GWC-7	-0.99	No	0.01	Mann-W
Cobalt (mg/L)	GWC-8	-3.549	Yes	0.01	Mann-W
Cobalt (mg/L)	GWC-9	0.8098	No	0.01	Mann-W
Copper (mg/L)	GWA-11 (bg)	0.5682	No	0.01	Mann-W
Copper (mg/L)	GWA-2 (bg)	0.5682	No	0.01	Mann-W
Copper (mg/L)	GWA-3 (bg)	0.5682	No	0.01	Mann-W
Copper (mg/L)	GWA-4 (bg)	-0.2583	No	0.01	Mann-W
Copper (mg/L)	GWC-10	-1.343	No	0.01	Mann-W
Copper (mg/L)	GWC-18	0.5682	No	0.01	Mann-W
Copper (mg/L)	GWC-19	0.7818	No	0.01	Mann-W
Copper (mg/L)	GWC-20	0.4437	No	0.01	Mann-W
Copper (mg/L)	GWC-21	0.06748	No	0.01	Mann-W
Copper (mg/L)	GWC-22	0.5682	No	0.01	Mann-W
Copper (mg/L)	GWC-23	-0.1949	No	0.01	Mann-W
Copper (mg/L)	GWC-5	0.7818	No	0.01	Mann-W
Copper (mg/L)	GWC-6	0.2611	No	0.01	Mann-W
Copper (mg/L)	GWC-7	0.4081	No	0.01	Mann-W
Copper (mg/L)	GWC-8	0.2652	No	0.01	Mann-W
Copper (mg/L)	GWC-9	0.4368	No	0.01	Mann-W
Lead (mg/L)	GWA-11 (bg)	0.2433	No	0.01	Mann-W
Lead (mg/L)	GWA-3 (bg)	0.4063	No	0.01	Mann-W
Lead (mg/L)	GWC-10	0.2433	No	0.01	Mann-W
Lead (mg/L)	GWC-18	0.2433	No	0.01	Mann-W
Lead (mg/L)	GWC-19	0.5277	No	0.01	Mann-W
Lead (mg/L)	GWC-20	0.2466	No	0.01	Mann-W
Lead (mg/L)	GWC-21	0.6494	No	0.01	Mann-W
Lead (mg/L)	GWC-22	0.6309	No	0.01	Mann-W
Lead (mg/L)	GWC-23	0.8097	No	0.01	Mann-W
Lead (mg/L)	GWC-5	0.4063	No	0.01	Mann-W
Lead (mg/L)	GWC-6	0.2433	No	0.01	Mann-W
Lead (mg/L)	GWC-7	0.8188	No	0.01	Mann-W
Lead (mg/L)	GWC-8	0.4119	No	0.01	Mann-W
Nickel (mg/L)	GWA-1 (bg)	0.9661	No	0.01	Mann-W
Nickel (mg/L)	GWA-11 (bg)	-2.838	Yes	0.01	Mann-W
Nickel (mg/L)	GWA-2 (bg)	0.2611	No	0.01	Mann-W
Nickel (mg/L)	GWA-3 (bg)	-4.109	Yes	0.01	Mann-W
Nickel (mg/L)	GWA-4 (bg)	0.2132	No	0.01	Mann-W
Nickel (mg/L)	GWC-10	0.2611	No	0.01	Mann-W
Nickel (mg/L)	GWC-18	-1.462	No	0.01	Mann-W
Nickel (mg/L)	GWC-19	0.155	No	0.01	Mann-W
Nickel (mg/L)	GWC-20	0.4437	No	0.01	Mann-W
Nickel (mg/L)	GWC-21	1.917	No	0.01	Mann-W
Nickel (mg/L)	GWC-22	0.2611	No	0.01	Mann-W
Nickel (mg/L)	GWC-23	0.06053	No	0.01	Mann-W
Nickel (mg/L)	GWC-5	0.9661	No	0.01	Mann-W
Nickel (mg/L)	GWC-6	0.5682	No	0.01	Mann-W
Nickel (mg/L)	GWC-7	-0.3407	No	0.01	Mann-W
Nickel (mg/L)	GWC-8	0.5815	No	0.01	Mann-W
Nickel (mg/L)	GWC-9	-3.096	Yes	0.01	Mann-W
Selenium (mg/L)	GWA-4 (bg)	0.2433	No	0.01	Mann-W
Selenium (mg/L)	GWC-10	0.2433	No	0.01	Mann-W
Selenium (mg/L)	GWC-21	0.4177	No	0.01	Mann-W
Selenium (mg/L)	GWC-22	0.4063	No	0.01	Mann-W
Selenium (mg/L)	GWC-9	0.2433	No	0.01	Mann-W
Vanadium (mg/L)	GWA-1 (bg)	-1.809	No	0.01	Mann-W
Vanadium (mg/L)	GWC-21	0.451	No	0.01	Mann-W

Appendix I - Welch's t-test/Mann-Whitney - All Results

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Plant Hammond Data: Huffaker Road Landfill Printed 3/4/2024, 4:17 PM

<u>Constituent</u>	<u>Well</u>	<u>Calc.</u>	<u>0.01</u>	<u>Alpha</u>	<u>Method</u>
Vanadium (mg/L)	GWC-23	0.2611	No	0.01	Mann-W
Vanadium (mg/L)	GWC-5	0.2611	No	0.01	Mann-W
Vanadium (mg/L)	GWC-7	0.7952	No	0.01	Mann-W
Vanadium (mg/L)	GWC-9	0.2611	No	0.01	Mann-W
Zinc (mg/L)	GWA-1 (bg)	1.053	No	0.01	Mann-W
Zinc (mg/L)	GWA-11 (bg)	1.301	No	0.01	Mann-W
Zinc (mg/L)	GWA-2 (bg)	1.22	No	0.01	Mann-W
Zinc (mg/L)	GWA-3 (bg)	1.543	No	0.01	Mann-W
Zinc (mg/L)	GWA-4 (bg)	2.203	No	0.01	Mann-W
Zinc (mg/L)	GWC-10	0.9661	No	0.01	Mann-W
Zinc (mg/L)	GWC-18	1.22	No	0.01	Mann-W
Zinc (mg/L)	GWC-19	1.233	No	0.01	Mann-W
Zinc (mg/L)	GWC-20	0.8918	No	0.01	Mann-W
Zinc (mg/L)	GWC-21	2.485	No	0.01	Mann-W
Zinc (mg/L)	GWC-22	0.8763	No	0.01	Mann-W
Zinc (mg/L)	GWC-23	1.624	No	0.01	Mann-W
Zinc (mg/L)	GWC-5	1.463	No	0.01	Mann-W
Zinc (mg/L)	GWC-6	1.137	No	0.01	Mann-W
Zinc (mg/L)	GWC-7	-0.5964	No	0.01	Mann-W
Zinc (mg/L)	GWC-8	1.158	No	0.01	Mann-W
Zinc (mg/L)	GWC-9	1.301	No	0.01	Mann-W

Appendix III - Welch's t-test/Mann-Whitney - Significant Results

Plant Hammond Data: Huffaker Road Landfill Printed 3/4/2024, 4:27 PM

<u>Constituent</u>	<u>Well</u>	<u>Calc.</u>	<u>0.01</u>	<u>Alpha</u>	<u>Method</u>
Boron (mg/L)	GWC-19	-2.843	Yes	0.01	Mann-W
Calcium (mg/L)	GWA-2 (bg)	2.732	Yes	0.01	Mann-W
Calcium (mg/L)	GWA-3 (bg)	-3	Yes	0.01	Mann-W
Calcium (mg/L)	GWC-20	2.64	Yes	0.01	Mann-W
Chloride (mg/L)	GWA-3 (bg)	-3.092	Yes	0.01	Mann-W
Chloride (mg/L)	GWC-18	-2.661	Yes	0.01	Mann-W
Chloride (mg/L)	GWC-19	-2.62	Yes	0.01	Mann-W
Chloride (mg/L)	GWC-22	-2.936	Yes	0.01	Mann-W
Fluoride (mg/L)	GWA-3 (bg)	-2.6	Yes	0.01	Mann-W
Sulfate (mg/L)	GWA-1 (bg)	-3.106	Yes	0.01	Mann-W
Sulfate (mg/L)	GWA-11 (bg)	-2.925	Yes	0.01	Mann-W
Sulfate (mg/L)	GWA-2 (bg)	2.824	Yes	0.01	Mann-W
Sulfate (mg/L)	GWA-3 (bg)	-3.051	Yes	0.01	Mann-W
Sulfate (mg/L)	GWC-18	-2.599	Yes	0.01	Mann-W
Sulfate (mg/L)	GWC-21	-2.644	Yes	0.01	Mann-W
Total Dissolved Solids (mg/L)	GWA-2 (bg)	2.779	Yes	0.01	Mann-W
Total Dissolved Solids (mg/L)	GWA-3 (bg)	-3.051	Yes	0.01	Mann-W
Total Dissolved Solids (mg/L)	GWC-20	2.644	Yes	0.01	Mann-W

Appendix III - Welch's t-test/Mann-Whitney - All Results

Plant Hammond Data: Huffaker Road Landfill Printed 3/4/2024, 4:27 PM

<u>Constituent</u>	<u>Well</u>	<u>Calc.</u>	<u>0.01</u>	<u>Alpha</u>	<u>Method</u>
Boron (mg/L)	GWA-1 (bg)	0.6735	No	0.01	Mann-W
Boron (mg/L)	GWA-11 (bg)	0.6732	No	0.01	Mann-W
Boron (mg/L)	GWA-2 (bg)	0.5375	No	0.01	Mann-W
Boron (mg/L)	GWA-3 (bg)	-1.305	No	0.01	Mann-W
Boron (mg/L)	GWA-4 (bg)	-2.105	No	0.01	Mann-W
Boron (mg/L)	GWC-10	0.3141	No	0.01	Mann-W
Boron (mg/L)	GWC-18	-1.09	No	0.01	Mann-W
Boron (mg/L)	GWC-19	-2.843	Yes	0.01	Mann-W
Boron (mg/L)	GWC-20	-1.438	No	0.01	Mann-W
Boron (mg/L)	GWC-21	-1.568	No	0.01	Mann-W
Boron (mg/L)	GWC-22	-1.568	No	0.01	Mann-W
Boron (mg/L)	GWC-23	0.4728	No	0.01	Mann-W
Boron (mg/L)	GWC-5	-1.567	No	0.01	Mann-W
Boron (mg/L)	GWC-6	-1.109	No	0.01	Mann-W
Boron (mg/L)	GWC-7	-1.926	No	0.01	Mann-W
Boron (mg/L)	GWC-8	0.4689	No	0.01	Mann-W
Boron (mg/L)	GWC-9	-1.256	No	0.01	Mann-W
Calcium (mg/L)	GWA-1 (bg)	0.9419	No	0.01	Mann-W
Calcium (mg/L)	GWA-11 (bg)	1.165	No	0.01	Mann-W
Calcium (mg/L)	GWA-2 (bg)	2.732	Yes	0.01	Mann-W
Calcium (mg/L)	GWA-3 (bg)	-3	Yes	0.01	Mann-W
Calcium (mg/L)	GWA-4 (bg)	-1.209	No	0.01	Mann-W
Calcium (mg/L)	GWC-10	0.8113	No	0.01	Mann-W
Calcium (mg/L)	GWC-18	1.235	No	0.01	Mann-W
Calcium (mg/L)	GWC-19	0.9795	No	0.01	Mann-W
Calcium (mg/L)	GWC-20	2.64	Yes	0.01	Mann-W
Calcium (mg/L)	GWC-21	-1.663	No	0.01	Mann-W
Calcium (mg/L)	GWC-22	0.6294	No	0.01	Mann-W
Calcium (mg/L)	GWC-23	2.105	No	0.01	Mann-W
Calcium (mg/L)	GWC-5	0.4926	No	0.01	Mann-W
Calcium (mg/L)	GWC-6	1.388	No	0.01	Mann-W
Calcium (mg/L)	GWC-7	-0.7613	No	0.01	Mann-W
Calcium (mg/L)	GWC-8	1.663	No	0.01	Mann-W
Calcium (mg/L)	GWC-9	1.568	No	0.01	Mann-W
Chloride (mg/L)	GWA-1 (bg)	-1.571	No	0.01	Mann-W
Chloride (mg/L)	GWA-11 (bg)	-2.175	No	0.01	Mann-W
Chloride (mg/L)	GWA-2 (bg)	-0.2708	No	0.01	Mann-W
Chloride (mg/L)	GWA-3 (bg)	-3.092	Yes	0.01	Mann-W
Chloride (mg/L)	GWA-4 (bg)	-2.553	No	0.01	Mann-W
Chloride (mg/L)	GWC-10	-1.795	No	0.01	Mann-W
Chloride (mg/L)	GWC-18	-2.661	Yes	0.01	Mann-W
Chloride (mg/L)	GWC-19	-2.62	Yes	0.01	Mann-W
Chloride (mg/L)	GWC-20	-2.537	No	0.01	Mann-W
Chloride (mg/L)	GWC-21	1.066	No	0.01	Mann-W
Chloride (mg/L)	GWC-22	-2.936	Yes	0.01	Mann-W
Chloride (mg/L)	GWC-23	-2.117	No	0.01	Mann-W
Chloride (mg/L)	GWC-5	-2.288	No	0.01	Mann-W
Chloride (mg/L)	GWC-6	-1.272	No	0.01	Mann-W
Chloride (mg/L)	GWC-7	0.6327	No	0.01	Mann-W
Chloride (mg/L)	GWC-8	0.08135	No	0.01	Mann-W
Chloride (mg/L)	GWC-9	-2.202	No	0.01	Mann-W
Fluoride (mg/L)	GWA-1 (bg)	-0.3145	No	0.01	Mann-W
Fluoride (mg/L)	GWA-11 (bg)	-0.3141	No	0.01	Mann-W
Fluoride (mg/L)	GWA-2 (bg)	-1.48	No	0.01	Mann-W
Fluoride (mg/L)	GWA-3 (bg)	-2.6	Yes	0.01	Mann-W
Fluoride (mg/L)	GWA-4 (bg)	-2.12	No	0.01	Mann-W
Fluoride (mg/L)	GWC-10	-1.033	No	0.01	Mann-W
Fluoride (mg/L)	GWC-18	-0.6323	No	0.01	Mann-W
Fluoride (mg/L)	GWC-19	-1.31	No	0.01	Mann-W
Fluoride (mg/L)	GWC-20	-0.08959	No	0.01	Mann-W
Fluoride (mg/L)	GWC-21	-0.6797	No	0.01	Mann-W
Fluoride (mg/L)	GWC-22	-0.1794	No	0.01	Mann-W
Fluoride (mg/L)	GWC-23	-0.6728	No	0.01	Mann-W
Fluoride (mg/L)	GWC-5	-0.2696	No	0.01	Mann-W
Fluoride (mg/L)	GWC-6	-0.4929	No	0.01	Mann-W
Fluoride (mg/L)	GWC-7	-1.843	No	0.01	Mann-W
Fluoride (mg/L)	GWC-8	-0.6849	No	0.01	Mann-W
Fluoride (mg/L)	GWC-9	-0.1797	No	0.01	Mann-W

Appendix III - Welch's t-test/Mann-Whitney - All Results

Page 2

Plant Hammond Data: Huffaker Road Landfill Printed 3/4/2024, 4:27 PM

<u>Constituent</u>	<u>Well</u>	<u>Calc.</u>	<u>0.01</u>	<u>Alpha</u>	<u>Method</u>
pH (SU)	GWA-1 (bg)	2.468	No	0.01	Mann-W
pH (SU)	GWA-11 (bg)	1.434	No	0.01	Mann-W
pH (SU)	GWA-2 (bg)	1.616	No	0.01	Mann-W
pH (SU)	GWA-3 (bg)	-1.3	No	0.01	Mann-W
pH (SU)	GWA-4 (bg)	1.076	No	0.01	Mann-W
pH (SU)	GWC-10	2.215	No	0.01	Mann-W
pH (SU)	GWC-18	0	No	0.01	Mann-W
pH (SU)	GWC-19	1.301	No	0.01	Mann-W
pH (SU)	GWC-20	2.094	No	0.01	Mann-W
pH (SU)	GWC-21	-1.613	No	0.01	Mann-W
pH (SU)	GWC-22	0.8943	No	0.01	Mann-W
pH (SU)	GWC-23	-0.04488	No	0.01	Mann-W
pH (SU)	GWC-5	1.39	No	0.01	Mann-W
pH (SU)	GWC-6	1.828	No	0.01	Mann-W
pH (SU)	GWC-7	-0.2129	No	0.01	Mann-W
pH (SU)	GWC-8	-0.2714	No	0.01	Mann-W
pH (SU)	GWC-9	1.389	No	0.01	Mann-W
Sulfate (mg/L)	GWA-1 (bg)	-3.106	Yes	0.01	Mann-W
Sulfate (mg/L)	GWA-11 (bg)	-2.925	Yes	0.01	Mann-W
Sulfate (mg/L)	GWA-2 (bg)	2.824	Yes	0.01	Mann-W
Sulfate (mg/L)	GWA-3 (bg)	-3.051	Yes	0.01	Mann-W
Sulfate (mg/L)	GWA-4 (bg)	-1.12	No	0.01	Mann-W
Sulfate (mg/L)	GWC-10	-1.492	No	0.01	Mann-W
Sulfate (mg/L)	GWC-18	-2.599	Yes	0.01	Mann-W
Sulfate (mg/L)	GWC-19	2.375	No	0.01	Mann-W
Sulfate (mg/L)	GWC-20	2.546	No	0.01	Mann-W
Sulfate (mg/L)	GWC-21	-2.644	Yes	0.01	Mann-W
Sulfate (mg/L)	GWC-22	-0.6278	No	0.01	Mann-W
Sulfate (mg/L)	GWC-23	-0.05004	No	0.01	Mann-W
Sulfate (mg/L)	GWC-5	0.45	No	0.01	Mann-W
Sulfate (mg/L)	GWC-6	-2.016	No	0.01	Mann-W
Sulfate (mg/L)	GWC-7	-0.2693	No	0.01	Mann-W
Sulfate (mg/L)	GWC-8	-2.463	No	0.01	Mann-W
Sulfate (mg/L)	GWC-9	0.3836	No	0.01	Mann-W
Total Dissolved Solids (mg/L)	GWA-1 (bg)	0.08965	No	0.01	Mann-W
Total Dissolved Solids (mg/L)	GWA-11 (bg)	0.08991	No	0.01	Mann-W
Total Dissolved Solids (mg/L)	GWA-2 (bg)	2.779	Yes	0.01	Mann-W
Total Dissolved Solids (mg/L)	GWA-3 (bg)	-3.051	Yes	0.01	Mann-W
Total Dissolved Solids (mg/L)	GWA-4 (bg)	-0.6675	No	0.01	Mann-W
Total Dissolved Solids (mg/L)	GWC-10	0.1343	No	0.01	Mann-W
Total Dissolved Solids (mg/L)	GWC-18	0.5674	No	0.01	Mann-W
Total Dissolved Solids (mg/L)	GWC-19	-0.1418	No	0.01	Mann-W
Total Dissolved Solids (mg/L)	GWC-20	2.644	Yes	0.01	Mann-W
Total Dissolved Solids (mg/L)	GWC-21	-1.461	No	0.01	Mann-W
Total Dissolved Solids (mg/L)	GWC-22	0.08971	No	0.01	Mann-W
Total Dissolved Solids (mg/L)	GWC-23	0.2239	No	0.01	Mann-W
Total Dissolved Solids (mg/L)	GWC-5	-0.2241	No	0.01	Mann-W
Total Dissolved Solids (mg/L)	GWC-6	0.6086	No	0.01	Mann-W
Total Dissolved Solids (mg/L)	GWC-7	-0.0448	No	0.01	Mann-W
Total Dissolved Solids (mg/L)	GWC-8	0.8519	No	0.01	Mann-W
Total Dissolved Solids (mg/L)	GWC-9	0.7625	No	0.01	Mann-W

Appendix I Intrawell Prediction Limits - All Results (No Significant)

Plant Hammond Data: Huffaker Road Landfill Printed 4/28/2024, 5:00 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NB	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	GWA-1	0.003	n/a	2/19/2024	0.003ND	No	42	n/a	n/a	n/a	92.86	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-11	0.003	n/a	2/19/2024	0.003ND	No	42	n/a	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-2	0.003	n/a	2/19/2024	0.003ND	No	41	n/a	n/a	n/a	92.68	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-3	0.003	n/a	2/19/2024	0.003ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-4	0.003	n/a	2/19/2024	0.003ND	No	42	n/a	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-10	0.003	n/a	2/19/2024	0.003ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-18	0.003	n/a	2/20/2024	0.003ND	No	42	n/a	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-19	0.003	n/a	2/20/2024	0.003ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-22	0.003	n/a	2/20/2024	0.0007J	No	42	n/a	n/a	n/a	100	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-5	0.003	n/a	2/20/2024	0.003ND	No	42	n/a	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-6	0.003	n/a	2/21/2024	0.003ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-7	0.003	n/a	2/21/2024	0.003ND	No	41	n/a	n/a	n/a	95.12	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-8	0.003	n/a	2/21/2024	0.003ND	No	40	n/a	n/a	n/a	95	n/a	n/a	0.001159	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-9	0.003	n/a	2/20/2024	0.003ND	No	42	n/a	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-11	0.005	n/a	2/19/2024	0.005ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-3	0.005	n/a	2/19/2024	0.00093J	No	42	n/a	n/a	n/a	71.43	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-4	0.0065	n/a	2/19/2024	0.0018J	No	42	n/a	n/a	n/a	88.1	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-18	0.005	n/a	2/20/2024	0.005ND	No	42	n/a	n/a	n/a	92.86	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-21	0.005	n/a	2/20/2024	0.005ND	No	40	n/a	n/a	n/a	82.5	n/a	n/a	0.001159	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-23	0.005	n/a	2/20/2024	0.005ND	No	42	n/a	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-5	0.005	n/a	2/20/2024	0.005ND	No	42	n/a	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-7	0.011	n/a	2/21/2024	0.0043J	No	41	n/a	n/a	n/a	34.15	n/a	n/a	0.001118	NP Intra (normality) 1 of 2
Arsenic (mg/L)	GWC-8	0.005	n/a	2/21/2024	0.005ND	No	41	n/a	n/a	n/a	73.17	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-9	0.005	n/a	2/20/2024	0.005ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Barium (mg/L)	GWA-1	0.04952	n/a	2/19/2024	0.04	No	42	0.03893	0.004587	0	None	No	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWA-11	0.0425	n/a	2/19/2024	0.031	No	42	n/a	n/a	0	n/a	n/a	n/a	0.001077	NP Intra (normality) 1 of 2
Barium (mg/L)	GWA-2	0.1985	n/a	2/19/2024	0.19	No	29	0.1666	0.01321	0	None	No	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWA-3	0.238	n/a	2/19/2024	0.083	No	42	0.1579	0.03471	0	None	No	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWA-4	0.14	n/a	2/19/2024	0.051	No	42	n/a	n/a	0	n/a	n/a	n/a	0.001077	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-10	0.2006	n/a	2/19/2024	0.14	No	45	0.1287	0.03134	0	None	No	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWC-18	0.09142	n/a	2/20/2024	0.083	No	42	0.07482	0.007187	0	None	No	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWC-19	0.171	n/a	2/20/2024	0.15	No	29	0.0004195	0.0001801	0	None	x^4	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWC-20	0.1591	n/a	2/20/2024	0.15	No	42	0.1206	0.01669	0	None	No	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWC-21	0.19	n/a	2/20/2024	0.052	No	40	n/a	n/a	0	n/a	n/a	n/a	0.001159	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-22	0.1123	n/a	2/20/2024	0.091	No	29	-2.374	0.07763	0	None	ln(x)	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWC-23	0.09701	n/a	2/20/2024	0.096	No	42	0.0671	0.01295	0	None	No	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWC-5	0.1335	n/a	2/20/2024	0.07	No	42	0.09442	0.0169	0	None	No	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWC-6	0.2128	n/a	2/21/2024	0.15	No	29	0.1469	0.0273	0	None	No	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWC-7	0.4063	n/a	2/21/2024	0.035	No	19	0.3226	0.1206	0	None	sqrt(x)	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWC-8	0.17	n/a	2/21/2024	0.11	No	41	n/a	n/a	0	n/a	n/a	n/a	0.001118	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-9	0.07338	n/a	2/20/2024	0.073	No	28	0.06145	0.004913	0	None	No	No	0.0002926	Param Intra 1 of 2
Beryllium (mg/L)	GWA-3	0.0005	n/a	2/19/2024	0.0005ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-19	0.0005	n/a	2/20/2024	0.0005ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-7	0.01893	n/a	2/21/2024	0.00036J	No	37	-7.995	1.723	27.03	Kaplan-Meier	ln(x)	No	0.0002926	Param Intra 1 of 2
Cadmium (mg/L)	GWA-4	0.0005	n/a	2/19/2024	0.0005ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-10	0.0005	n/a	2/19/2024	0.0005ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-18	0.0005	n/a	2/20/2024	0.0005ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-20	0.0005	n/a	2/20/2024	0.0005ND	No	41	n/a	n/a	n/a	97.56	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-21	0.0005	n/a	2/20/2024	0.0005ND	No	40	n/a	n/a	95	n/a	n/a	n/a	0.001159	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-23	0.0005	n/a	2/20/2024	0.0005ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-5	0.0015	n/a	2/20/2024	0.0005ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-7	0.0035	n/a	2/21/2024	0.0005ND	No	39	n/a	n/a	n/a	87.18	n/a	n/a	0.001226	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-8	0.0005	n/a	2/21/2024	0.0005ND	No	41	n/a	n/a	n/a	97.56	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-9	0.0005	n/a	2/20/2024	0.0005ND	No	42	n/a	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-1	0.016	n/a	2/19/2024	0.005ND	No	42	n/a	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-11	0.005	n/a	2/19/2024	0.005ND	No	42	n/a	n/a	n/a	92.86	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results (No Significant)

Plant Hammond Data: Huffaker Road Landfill Printed 4/28/2024, 5:00 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NB	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chromium (mg/L)	GWA-2	0.005	n/a	2/19/2024	0.005ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-3	0.005	n/a	2/19/2024	0.005ND	No	42	n/a	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-4	0.005	n/a	2/19/2024	0.005ND	No	42	n/a	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-10	0.005	n/a	2/19/2024	0.005ND	No	42	n/a	n/a	n/a	90.48	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-18	0.005	n/a	2/20/2024	0.005ND	No	42	n/a	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-19	0.005	n/a	2/20/2024	0.005ND	No	42	n/a	n/a	n/a	92.86	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-20	0.0064	n/a	2/20/2024	0.005ND	No	41	n/a	n/a	n/a	92.68	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-21	0.005	n/a	2/20/2024	0.005ND	No	40	n/a	n/a	n/a	95	n/a	n/a	0.001159	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-22	0.005	n/a	2/20/2024	0.005ND	No	42	n/a	n/a	n/a	90.48	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-23	0.0051	n/a	2/20/2024	0.005ND	No	42	n/a	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-5	0.005	n/a	2/20/2024	0.005ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-6	0.005	n/a	2/21/2024	0.005ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-7	0.005	n/a	2/21/2024	0.005ND	No	40	n/a	n/a	n/a	85	n/a	n/a	0.001159	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-8	0.005	n/a	2/21/2024	0.005ND	No	41	n/a	n/a	n/a	90.24	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-9	0.005	n/a	2/20/2024	0.005ND	No	42	n/a	n/a	n/a	92.86	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-1	0.005	n/a	2/19/2024	0.0005J	No	42	n/a	n/a	n/a	54.76	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-11	0.01	n/a	2/19/2024	0.00063J	No	42	n/a	n/a	n/a	47.62	n/a	n/a	0.001077	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWA-2	0.005	n/a	2/19/2024	0.005ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-3	0.005	n/a	2/19/2024	0.00049J	No	42	n/a	n/a	n/a	83.33	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-4	0.005	n/a	2/19/2024	0.005ND	No	42	n/a	n/a	n/a	66.67	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-10	0.005	n/a	2/19/2024	0.005ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-21	0.01	n/a	2/20/2024	0.0029J	No	40	n/a	n/a	n/a	47.5	n/a	n/a	0.001159	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWC-23	0.005	n/a	2/20/2024	0.005ND	No	42	n/a	n/a	n/a	90.48	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-5	0.005	n/a	2/20/2024	0.00035J	No	42	n/a	n/a	n/a	85.71	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-6	0.005	n/a	2/21/2024	0.005ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-7	0.07291	n/a	2/21/2024	0.03	No	23	0.028	0.01788	0	None	None	No	0.0002926	Param Intra 1 of 2
Cobalt (mg/L)	GWC-8	0.01	n/a	2/21/2024	0.00053J	No	41	n/a	n/a	n/a	73.17	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-9	0.005	n/a	2/20/2024	0.00033J	No	42	n/a	n/a	n/a	85.71	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-11	0.005	n/a	2/19/2024	0.005ND	No	37	n/a	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-2	0.005	n/a	2/19/2024	0.005ND	No	37	n/a	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-3	0.005	n/a	2/19/2024	0.005ND	No	37	n/a	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-4	0.0066	n/a	2/19/2024	0.005ND	No	37	n/a	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-10	0.005	n/a	2/19/2024	0.005ND	No	37	n/a	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-18	0.005	n/a	2/20/2024	0.005ND	No	37	n/a	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-19	0.005	n/a	2/20/2024	0.005ND	No	37	n/a	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-20	0.005	n/a	2/20/2024	0.005ND	No	36	n/a	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-21	0.005	n/a	2/20/2024	0.00075J	No	35	n/a	n/a	n/a	74.29	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-22	0.005	n/a	2/20/2024	0.005ND	No	37	n/a	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-23	0.0084	n/a	2/20/2024	0.005ND	No	37	n/a	n/a	n/a	75.68	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-5	0.005	n/a	2/20/2024	0.005ND	No	37	n/a	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-6	0.005	n/a	2/21/2024	0.005ND	No	37	n/a	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-7	0.016	n/a	2/21/2024	0.005ND	No	35	n/a	n/a	n/a	80	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-8	0.005	n/a	2/21/2024	0.005ND	No	36	n/a	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-9	0.005	n/a	2/20/2024	0.005ND	No	37	n/a	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-11	0.001	n/a	2/19/2024	0.001ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-3	0.001	n/a	2/19/2024	0.001ND	No	42	n/a	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-10	0.001	n/a	2/19/2024	0.001ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-18	0.001	n/a	2/20/2024	0.001ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-19	0.001	n/a	2/20/2024	0.001ND	No	42	n/a	n/a	n/a	92.86	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-20	0.001	n/a	2/20/2024	0.001ND	No	41	n/a	n/a	n/a	97.56	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-21	0.001	n/a	2/20/2024	0.001ND	No	40	n/a	n/a	n/a	90	n/a	n/a	0.001159	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-22	0.001	n/a	2/20/2024	0.001ND	No	42	n/a	n/a	n/a	90.48	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-23	0.001	n/a	2/20/2024	0.001ND	No	42	n/a	n/a	n/a	85.71	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-5	0.001	n/a	2/20/2024	0.001ND	No	42	n/a	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-6	0.001	n/a	2/21/2024	0.001ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-7	0.0016	n/a	2/21/2024	0.001ND	No	41	n/a	n/a	n/a	78.05	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results (No Significant)

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Plant Hammond Data: Huffaker Road Landfill Printed 4/28/2024, 5:00 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Lead (mg/L)	GWC-8	0.001	n/a	2/21/2024	0.001ND	No	41	n/a	n/a	n/a	95.12	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-1	0.005	n/a	2/19/2024	0.005ND	No	37	n/a	n/a	n/a	81.08	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-11	0.01	n/a	2/19/2024	0.0022J	No	37	n/a	n/a	n/a	48.65	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWA-2	0.005	n/a	2/19/2024	0.005ND	No	37	n/a	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-3	0.005	n/a	2/19/2024	0.005ND	No	37	n/a	n/a	n/a	78.38	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-4	0.0055	n/a	2/19/2024	0.005ND	No	37	n/a	n/a	n/a	54.05	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-10	0.005	n/a	2/19/2024	0.005ND	No	37	n/a	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-18	0.005	n/a	2/20/2024	0.005ND	No	37	n/a	n/a	n/a	75.68	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-19	0.0062	n/a	2/20/2024	0.005ND	No	37	n/a	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-20	0.005	n/a	2/20/2024	0.005ND	No	36	n/a	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-21	0.01004	n/a	2/20/2024	0.0053	No	36	0.06294	0.01589	16.67	Kaplan-Meier	sqrt(x)	0.0002926	Param Intra 1 of 2	
Nickel (mg/L)	GWC-22	0.005	n/a	2/20/2024	0.005ND	No	37	n/a	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-23	0.005	n/a	2/20/2024	0.005ND	No	37	n/a	n/a	n/a	70.27	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-5	0.005	n/a	2/20/2024	0.005ND	No	37	n/a	n/a	n/a	81.08	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-6	0.005	n/a	2/21/2024	0.005ND	No	37	n/a	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-7	0.2857	n/a	2/21/2024	0.13	No	18	0.1037	0.06873	0	None	No	0.0002926	Param Intra 1 of 2	
Nickel (mg/L)	GWC-8	0.0073	n/a	2/21/2024	0.005ND	No	36	n/a	n/a	n/a	83.33	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-9	0.005	n/a	2/20/2024	0.005ND	No	37	n/a	n/a	n/a	48.65	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Selenium (mg/L)	GWA-4	0.005	n/a	2/19/2024	0.005ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-10	0.005	n/a	2/19/2024	0.005ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-21	0.005	n/a	2/20/2024	0.005ND	No	40	n/a	n/a	n/a	95	n/a	n/a	0.001159	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-22	0.005	n/a	2/20/2024	0.005ND	No	42	n/a	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-9	0.005	n/a	2/20/2024	0.005ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-21	0.005	n/a	2/20/2024	0.005ND	No	35	n/a	n/a	n/a	97.14	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-1	0.001	n/a	2/19/2024	0.001ND	No	41	n/a	n/a	n/a	97.56	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-7	0.001	n/a	2/21/2024	0.001ND	No	40	n/a	n/a	n/a	97.5	n/a	n/a	0.001159	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-1	0.01	n/a	2/19/2024	0.01ND	No	37	n/a	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-4	0.01	n/a	2/19/2024	0.0012J	No	37	n/a	n/a	n/a	100	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-21	0.01	n/a	2/20/2024	0.01ND	No	35	n/a	n/a	n/a	94.29	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-23	0.01	n/a	2/20/2024	0.01ND	No	37	n/a	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-5	0.01	n/a	2/20/2024	0.01ND	No	37	n/a	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-7	0.01	n/a	2/21/2024	0.01ND	No	36	n/a	n/a	n/a	86.11	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-9	0.01	n/a	2/20/2024	0.01ND	No	37	n/a	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-1	0.01	n/a	2/19/2024	0.01ND	No	37	n/a	n/a	n/a	78.38	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-11	0.01	n/a	2/19/2024	0.01ND	No	37	n/a	n/a	n/a	70.27	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-2	0.01	n/a	2/19/2024	0.01ND	No	37	n/a	n/a	n/a	72.97	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-3	0.01	n/a	2/19/2024	0.0025J	No	37	n/a	n/a	n/a	62.16	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-4	0.01	n/a	2/19/2024	0.01ND	No	37	n/a	n/a	n/a	40.54	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-10	0.01	n/a	2/19/2024	0.01ND	No	37	n/a	n/a	n/a	81.08	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-18	0.01	n/a	2/20/2024	0.01ND	No	37	n/a	n/a	n/a	72.97	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-19	0.013	n/a	2/20/2024	0.01ND	No	37	n/a	n/a	n/a	64.86	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-20	0.01	n/a	2/20/2024	0.01ND	No	36	n/a	n/a	n/a	83.33	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-21	0.0108	n/a	2/20/2024	0.0068J	No	35	n/a	n/a	n/a	25.71	n/a	n/a	0.001497	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-22	0.01	n/a	2/20/2024	0.01ND	No	37	n/a	n/a	n/a	83.78	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-23	0.01	n/a	2/20/2024	0.01ND	No	37	n/a	n/a	n/a	59.46	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-5	0.01	n/a	2/20/2024	0.01ND	No	37	n/a	n/a	n/a	64.86	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-6	0.01	n/a	2/21/2024	0.01ND	No	37	n/a	n/a	n/a	75.68	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-7	0.6442	n/a	2/21/2024	0.27	No	18	0.4064	0.1497	0	None	sqrt(x)	0.0002926	Param Intra 1 of 2	
Zinc (mg/L)	GWC-8	0.01	n/a	2/21/2024	0.01ND	No	36	n/a	n/a	n/a	75	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-9	0.01	n/a	2/20/2024	0.01ND	No	37	n/a	n/a	n/a	70.27	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2

Appendix III Intrawell Prediction Limits - Significant Results

Plant Hammond Data: Huffaker Road Landfill Printed 4/29/2024, 6:37 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chloride (mg/L)	GWC-21	4.703	n/a	2/20/2024	5	Yes	22	2.662	0.886	0	None	No	0.0006269	Param Intra 1 of 2	
Sulfate (mg/L)	GWC-19	22.7	n/a	2/20/2024	24.3	Yes	21	17.2	2.369	0	None	No	0.0006269	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWA-11	171.6	n/a	2/19/2024	193	Yes	21	121.3	21.65	0	None	No	0.0006269	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWA-2	280.3	n/a	2/19/2024	370	Yes	21	228	22.53	0	None	No	0.0006269	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-19	274.7	n/a	2/20/2024	306	Yes	20	232.8	17.94	0	None	No	0.0006269	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-20	332.9	n/a	2/20/2024	369	Yes	21	248	36.6	0	None	No	0.0006269	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-9	299.6	n/a	2/20/2024	301	Yes	21	226.3	31.57	0	None	No	0.0006269	Param Intra 1 of 2	

Appendix III Intrawell Prediction Limits - All Results

Plant Hammond Data: Huffaker Road Landfill Printed 4/29/2024, 6:37 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWA-1	0.05	n/a	2/19/2024	0.03J	No	21	n/a	n/a	9.524	n/a	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Boron (mg/L)	GWA-11	0.04261	n/a	2/19/2024	0.028J	No	21	0.03647	0.002646	0	None	No	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWA-2	0.1018	n/a	2/19/2024	0.083	No	21	0.08654	0.006575	0	None	No	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWA-3	0.1929	n/a	2/19/2024	0.082	No	21	0.1429	0.02156	0	None	No	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWA-4	0.1334	n/a	2/19/2024	0.059	No	21	0.08657	0.02019	0	None	No	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-10	0.04275	n/a	2/19/2024	0.028J	No	21	0.03408	0.003737	0	None	No	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-18	0.1499	n/a	2/20/2024	0.12	No	21	0.129	0.008992	0	None	No	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-19	0.2087	n/a	2/20/2024	0.14	No	21	0.1683	0.01739	0	None	No	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-20	0.02547	n/a	2/20/2024	0.02ND	No	21	0.01778	0.003312	4.762	None	No	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-21	0.1187	n/a	2/20/2024	0.025J	No	21	-3.445	0.5661	0	None	ln(x)	0.0006269	Param Intra 1 of 2	
Boron (mg/L)	GWC-22	0.08042	n/a	2/20/2024	0.066	No	21	0.06582	0.006291	0	None	No	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-23	0.0808	n/a	2/20/2024	0.048	No	20	0.1811	0.04411	5	None	sqrt(x)	0.0006269	Param Intra 1 of 2	
Boron (mg/L)	GWC-5	0.08069	n/a	2/20/2024	0.031J	No	21	0.05775	0.009887	0	None	No	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-6	0.04623	n/a	2/21/2024	0.04	No	22	0.03968	0.002845	0	None	No	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-7	0.07524	n/a	2/21/2024	0.027J	No	21	0.05036	0.01072	0	None	No	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-8	0.1025	n/a	2/21/2024	0.032J	No	22	-3.31	0.448	0	None	ln(x)	0.0006269	Param Intra 1 of 2	
Boron (mg/L)	GWC-9	0.02283	n/a	2/20/2024	0.02ND	No	21	0.01624	0.002837	4.762	None	No	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWA-1	20.58	n/a	2/19/2024	17.9	No	21	16.38	1.811	4.762	None	No	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWA-11	25.23	n/a	2/19/2024	21.4	No	21	423.9	91.74	4.762	None	x^2	0.0006269	Param Intra 1 of 2	
Calcium (mg/L)	GWA-2	57.38	n/a	2/19/2024	54	No	21	44.83	5.409	0	None	No	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWA-3	93.72	n/a	2/19/2024	59	No	21	72.29	9.235	0	None	No	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWA-4	118.7	n/a	2/19/2024	81.3	No	21	84.71	14.64	0	None	No	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-10	59.58	n/a	2/19/2024	44.8	No	23	41.64	7.848	0	None	No	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-18	52.22	n/a	2/20/2024	42.4	No	22	6.454	0.3355	0	None	sqrt(x)	0.0006269	Param Intra 1 of 2	
Calcium (mg/L)	GWC-19	51.58	n/a	2/20/2024	47.5	No	22	44.83	2.934	0	None	No	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-20	71.97	n/a	2/20/2024	67.1	No	22	56.93	6.529	0	None	No	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-21	89.64	n/a	2/20/2024	22.5	No	23	45.38	19.37	0	None	No	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-22	53.53	n/a	2/20/2024	46.8	No	21	48.05	2.361	0	None	No	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-23	62.14	n/a	2/20/2024	53.7	No	21	6.401	0.6386	0	None	sqrt(x)	0.0006269	Param Intra 1 of 2	
Calcium (mg/L)	GWC-5	89.77	n/a	2/20/2024	78.7	No	21	75.57	6.12	0	None	No	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-6	76.07	n/a	2/21/2024	66.7	No	21	64.92	4.805	0	None	No	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-7	74.97	n/a	2/21/2024	16.5	No	21	38.43	15.75	0	None	No	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-8	106.5	n/a	2/21/2024	77.4	No	23	70.66	15.67	0	None	No	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-9	40.48	n/a	2/20/2024	38.9	No	21	35.82	2.008	0	None	No	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWA-1	1.6	n/a	2/19/2024	1.2	No	21	n/a	n/a	0	n/a	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWA-11	1.98	n/a	2/19/2024	1.2	No	21	1.381	0.2581	0	None	No	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWA-2	2.951	n/a	2/19/2024	2.3	No	21	2.352	0.2582	0	None	No	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWA-3	5.761	n/a	2/19/2024	1.2	No	21	3.197	1.105	0	None	No	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWA-4	10.08	n/a	2/19/2024	3.6	No	21	5.299	2.059	0	None	No	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-10	2.156	n/a	2/19/2024	1.2	No	23	1.462	0.3036	0	None	No	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-18	1.857	n/a	2/20/2024	1	No	21	1.213	0.2777	0	None	No	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-19	2.569	n/a	2/20/2024	1.3	No	21	1.666	0.3892	0	None	No	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-20	2.32	n/a	2/20/2024	1.3	No	22	1.487	0.3614	0	None	No	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-21	4.703	n/a	2/20/2024	5	Yes	22	2.662	0.886	0	None	No	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-22	2.07	n/a	2/20/2024	1.3	No	21	1.341	0.3139	0	None	No	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-23	2.227	n/a	2/20/2024	0.98J	No	21	1.302	0.3984	4.762	None	No	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-5	4.049	n/a	2/20/2024	2.2	No	21	2.689	0.586	0	None	No	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-6	2.373	n/a	2/21/2024	1.7	No	21	1.83	0.234	0	None	No	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-7	2.224	n/a	2/21/2024	1.9	No	21	1.634	0.2545	0	None	No	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-8	3.316	n/a	2/21/2024	2	No	23	2.05	0.554	0	None	No	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-9	1.693	n/a	2/20/2024	0.89J	No	21	1.04	0.2817	0	None	No	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWA-1	0.1782	n/a	2/19/2024	0.074J	No	21	0.1001	0.03365	4.762	None	No	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWA-11	0.1551	n/a	2/19/2024	0.1ND	No	21	0.08075	0.03205	14.29	None	No	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWA-2	0.2206	n/a	2/19/2024	0.079J	No	21	0.1177	0.04434	4.762	None	No	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWA-3	0.4711	n/a	2/19/2024	0.081J	No	21	0.4185	0.1155	4.762	None	sqrt(x)	0.0006269	Param Intra 1 of 2	
Fluoride (mg/L)	GWA-4	0.4646	n/a	2/19/2024	0.1	No	21	-1.817	0.4525	0	None	ln(x)	0.0006269	Param Intra 1 of 2	
Fluoride (mg/L)	GWC-10	0.1772	n/a	2/19/2024	0.074J	No	21	0.1006	0.033	9.524	None	No	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-18	0.2074	n/a	2/20/2024	0.11	No	21	0.1351	0.03117	4.762	None	No	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-19	0.2456	n/a	2/20/2024	0.1	No	21	0.3685	0.05476	4.762	None	sqrt(x)	0.0006269	Param Intra 1 of 2	
Fluoride (mg/L)	GWC-20	0.1789	n/a	2/20/2024	0.051J	No	21	0.2855	0.05927	4.762	None	sqrt(x)	0.0006269	Param Intra 1 of 2	

Appendix III Intrawell Prediction Limits - All Results

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Plant Hammond Data: Huffaker Road Landfill Printed 4/29/2024, 6:38 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	Nbg	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Fluoride (mg/L)	GWC-21	0.1935	n/a	2/20/2024	0.1ND	No	21	0.08248	0.04786	28.57	Kaplan-Meier	No	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-22	0.1451	n/a	2/20/2024	0.053J	No	21	0.08521	0.02581	4.762	None	No	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-23	0.172	n/a	2/20/2024	0.084J	No	21	0.1019	0.03019	4.762	None	No	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-5	0.33	n/a	2/20/2024	0.1ND	No	21	n/a	n/a	19.05	n/a	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-6	0.2679	n/a	2/21/2024	0.051J	No	21	0.3012	0.09327	9.524	None	sqrt(x)	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-7	0.475	n/a	2/21/2024	0.14	No	21	0.5972	0.07889	0	None	x^(1/3)	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-8	0.4	n/a	2/21/2024	0.11	No	22	n/a	n/a	0	n/a	n/a	n/a	0.003707	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-9	0.1618	n/a	2/20/2024	0.069J	No	21	0.09042	0.03075	4.762	None	No	No	0.0006269	Param Intra 1 of 2
pH (SU)	GWA-1	7.449	6.569	2/19/2024	7.11	No	21	7.009	0.1898	0	None	No	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWA-11	7.117	6.379	2/19/2024	6.94	No	21	6.748	0.1589	0	None	No	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWA-2	7.225	6.588	2/19/2024	6.84	No	21	6.907	0.1371	0	None	No	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWA-3	7.158	6.347	2/19/2024	6.74	No	21	6.752	0.1747	0	None	No	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWA-4	7.177	6.392	2/19/2024	6.95	No	21	6.785	0.1691	0	None	No	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-10	7.753	6.869	2/19/2024	7.48	No	22	7.311	0.1919	0	None	No	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-18	7.787	7.387	2/20/2024	7.64	No	21	7.587	0.08609	0	None	No	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-19	7.784	7.222	2/20/2024	7.51	No	23	7.503	0.1232	0	None	No	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-20	7.652	6.988	2/20/2024	7.58	No	24	7.32	0.1465	0	None	No	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-21	7.562	5.592	2/20/2024	6.46	No	21	6.577	0.4244	0	None	No	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-22	7.95	7.326	2/20/2024	7.61	No	22	7.638	0.1354	0	None	No	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-23	7.465	6.714	2/20/2024	7.11	No	21	7.09	0.1617	0	None	No	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-5	7.18	6.505	2/20/2024	7.1	No	21	6.842	0.1455	0	None	No	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-6	7.494	6.63	2/21/2024	7.3	No	23	7.062	0.1892	0	None	No	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-7	6.789	5.545	2/21/2024	5.74	No	22	6.167	0.2702	0	None	No	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-8	7.72	6.63	2/21/2024	7.48	No	24	7.175	0.2405	0	None	No	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-9	7.333	6.367	2/20/2024	7.1	No	21	6.85	0.2081	0	None	No	No	0.0003135	Param Intra 1 of 2
Sulfate (mg/L)	GWA-1	6.11	n/a	2/19/2024	5.1	No	21	2.167	0.1313	0	None	sqrt(x)	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWA-11	15.24	n/a	2/19/2024	9.9	No	21	11.71	1.52	0	None	No	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWA-2	25.18	n/a	2/19/2024	23.7	No	21	16.94	3.554	0	None	No	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWA-3	159.8	n/a	2/19/2024	103	No	19	104.7	23.29	0	None	No	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWA-4	300.2	n/a	2/19/2024	138	No	21	170.4	55.94	0	None	No	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-10	33.9	n/a	2/19/2024	10.8	No	22	n/a	n/a	0	n/a	n/a	No	0.003707	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWC-18	14.04	n/a	2/20/2024	9.1	No	21	10.1	1.696	0	None	No	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-19	22.7	n/a	2/20/2024	24.3	Yes	21	17.2	2.369	0	None	No	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-20	80.7	n/a	2/20/2024	71	No	9	53.13	8.981	0	None	No	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-21	52.37	n/a	2/20/2024	23.8	No	21	29.09	10.03	0	None	No	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-22	12.64	n/a	2/20/2024	7.3	No	21	7.557	2.191	0	None	No	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-23	19.5	n/a	2/20/2024	18.6	No	19	n/a	n/a	0	n/a	n/a	No	0.004832	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWC-5	101.9	n/a	2/20/2024	98.1	No	19	79.18	9.587	0	None	No	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-6	141.3	n/a	2/21/2024	91.9	No	25	105.9	15.76	0	None	No	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-7	170.3	n/a	2/21/2024	122	No	21	108.8	26.51	0	None	No	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-8	58.8	n/a	2/21/2024	48.3	No	21	38.82	8.608	0	None	No	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-9	84.13	n/a	2/20/2024	78.2	No	22	69.25	6.462	0	None	No	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-1	154.3	n/a	2/19/2024	107	No	21	102.2	22.45	0	None	No	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-11	171.6	n/a	2/19/2024	193	Yes	21	121.3	21.65	0	None	No	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-2	280.3	n/a	2/19/2024	370	Yes	21	228	22.53	0	None	No	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-3	550.3	n/a	2/19/2024	380	No	19	428.5	51.45	0	None	No	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-4	576.4	n/a	2/19/2024	433	No	16	451.9	50.69	0	None	No	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-10	259.7	n/a	2/19/2024	198	No	21	180.3	34.23	0	None	No	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-18	266.4	n/a	2/20/2024	250	No	20	206	25.84	0	None	No	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-19	274.7	n/a	2/20/2024	306	Yes	20	232.8	17.94	0	None	No	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-20	332.9	n/a	2/20/2024	369	Yes	21	248	36.6	0	None	No	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-21	374.9	n/a	2/20/2024	126	No	23	187.7	81.93	0	None	No	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-22	324	n/a	2/20/2024	220	No	21	n/a	n/a	0	n/a	n/a	No	0.003999	NP Intra (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-23	285	n/a	2/20/2024	263	No	21	197.3	37.79	0	None	No	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-5	511	n/a	2/20/2024	407	No	21	n/a	n/a	0	n/a	n/a	No	0.003999	NP Intra (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-6	415.1	n/a	2/21/2024	275	No	23	333.8	35.57	0	None	No	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-7	351	n/a	2/21/2024	310	No	21	264.4	37.35	0	None	No	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-8	431.9	n/a	2/21/2024	12.5ND	No	23	288.6	62.72	0	None	No	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-9	299.6	n/a	2/20/2024	301	Yes	21	226.3	31.57	0	None	No	No	0.0006269	Param Intra 1 of 2

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

Plant Hammond Data: Huffaker Road Landfill Printed 4/29/2024, 6:39 PM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg</u>	<u>NBg</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>%NDs</u>	<u>ND Adj.</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Chloride (mg/L)	GWC-21	8.5	n/a	2/20/2024	5	No	110	n/a	n/a	0	n/a	n/a	n/a	0.0001633	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-19	302.3	n/a	2/20/2024	24.3	No	108	n/a	n/a	0	n/a	n/a	n/a	0.000169	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-19	533	n/a	2/20/2024	306	No	103	n/a	n/a	0	n/a	n/a	n/a	0.0001834	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-20	533	n/a	2/20/2024	369	No	103	n/a	n/a	0	n/a	n/a	n/a	0.0001834	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-9	533	n/a	2/20/2024	301	No	103	n/a	n/a	0	n/a	n/a	n/a	0.0001834	NP Inter (normality) 1 of 2

Appendix III Trend Test Summary - Significant Results

Plant Hammond Data: Huffaker Road Landfill Printed 4/29/2024, 6:40 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>Alpha</u>	<u>Method</u>
Chloride (mg/L)	GWA-3 (bg)	-0.3761	-148	-92	Yes	22	0	n/a	0.01	NP
Chloride (mg/L)	GWA-4 (bg)	-0.5252	-93	-92	Yes	22	0	n/a	0.01	NP
Sulfate (mg/L)	GWA-11 (bg)	-0.3654	-107	-92	Yes	22	0	n/a	0.01	NP
Sulfate (mg/L)	GWA-2 (bg)	1.15	142	92	Yes	22	0	n/a	0.01	NP
Sulfate (mg/L)	GWA-4 (bg)	-10.97	-96	-92	Yes	22	0	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-2 (bg)	6.476	106	92	Yes	22	0	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWC-20	13.77	157	92	Yes	22	0	n/a	0.01	NP

Appendix III Trend Test Summary - All Results

Plant Hammond Data: Huffaker Road Landfill Printed 4/29/2024, 6:40 PM

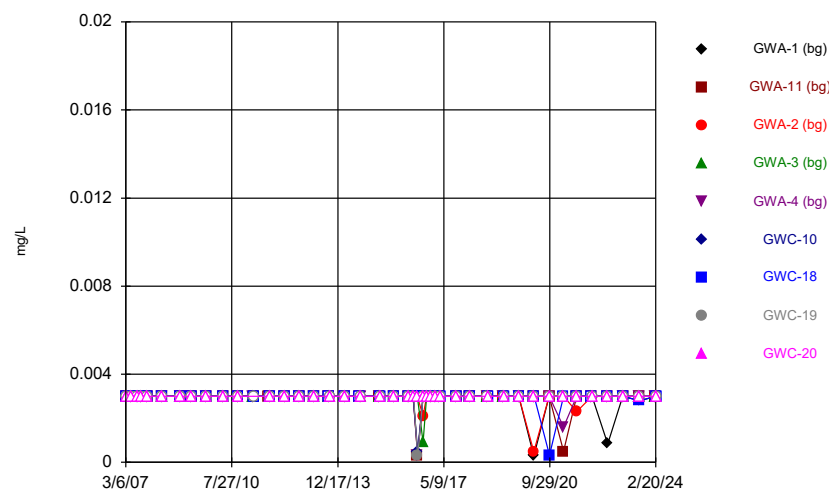
<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Normality</u>	<u>Alpha</u>	<u>Method</u>
Chloride (mg/L)	GWA-1 (bg)	0	-14	-92	No	22	0	n/a	0.01	NP
Chloride (mg/L)	GWA-11 (bg)	-0.04024	-88	-92	No	22	0	n/a	0.01	NP
Chloride (mg/L)	GWA-2 (bg)	0	-7	-92	No	22	0	n/a	0.01	NP
Chloride (mg/L)	GWA-3 (bg)	-0.3761	-148	-92	Yes	22	0	n/a	0.01	NP
Chloride (mg/L)	GWA-4 (bg)	-0.5252	-93	-92	Yes	22	0	n/a	0.01	NP
Chloride (mg/L)	GWC-21	0	-2	-98	No	23	0	n/a	0.01	NP
Sulfate (mg/L)	GWA-1 (bg)	0	-10	-92	No	22	0	n/a	0.01	NP
Sulfate (mg/L)	GWA-11 (bg)	-0.3654	-107	-92	Yes	22	0	n/a	0.01	NP
Sulfate (mg/L)	GWA-2 (bg)	1.15	142	92	Yes	22	0	n/a	0.01	NP
Sulfate (mg/L)	GWA-3 (bg)	-4.702	-79	-81	No	20	0	n/a	0.01	NP
Sulfate (mg/L)	GWA-4 (bg)	-10.97	-96	-92	Yes	22	0	n/a	0.01	NP
Sulfate (mg/L)	GWC-19	0.5781	75	92	No	22	0	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-1 (bg)	1.065	17	92	No	22	0	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-11 (bg)	0	3	92	No	22	0	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-2 (bg)	6.476	106	92	Yes	22	0	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-3 (bg)	-12.06	-69	-81	No	20	0	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-4 (bg)	-8.547	-43	-63	No	17	0	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWC-19	-0.8368	-20	-87	No	21	0	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWC-20	13.77	157	92	Yes	22	0	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWC-9	1.777	31	92	No	22	0	n/a	0.01	NP

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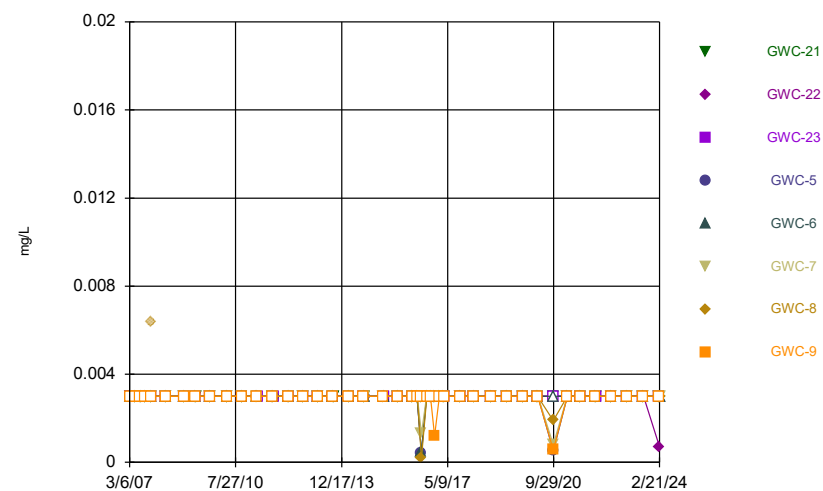
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FIGURE A.

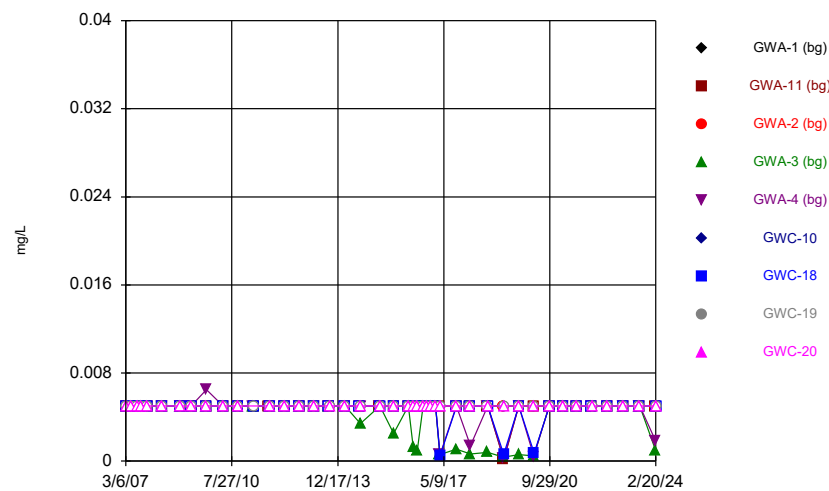
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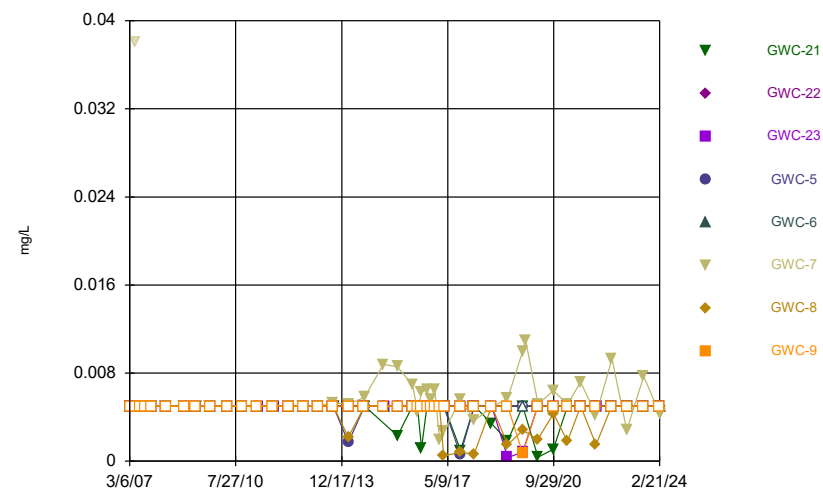
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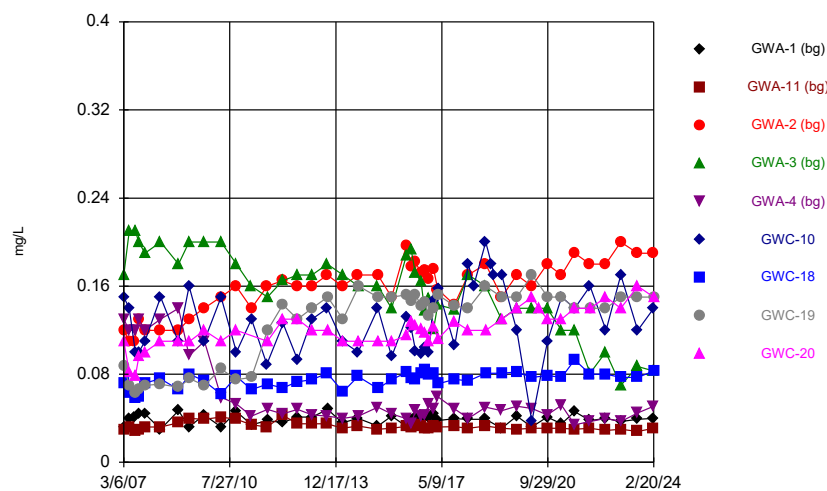
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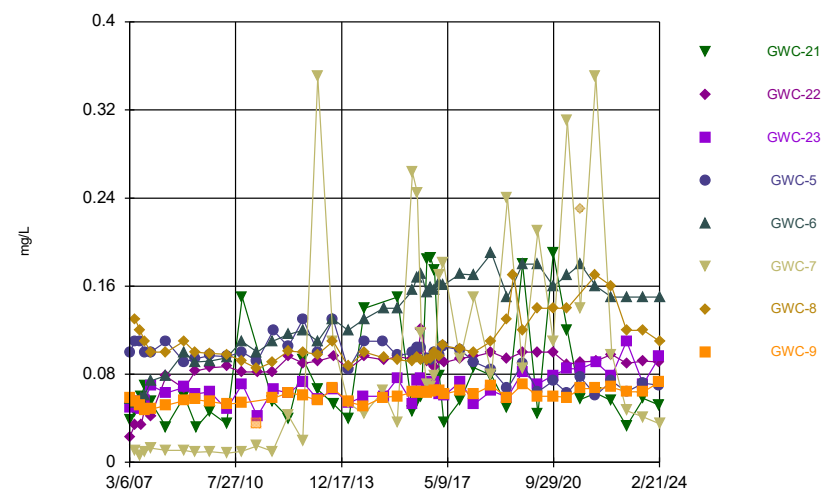
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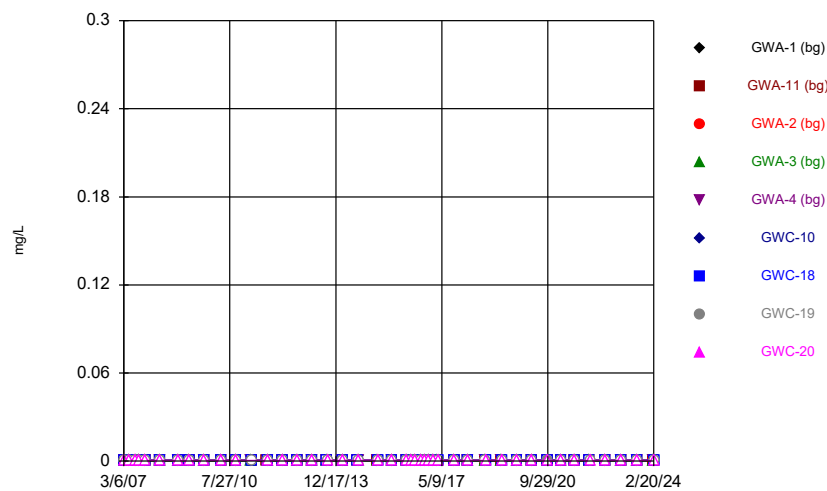
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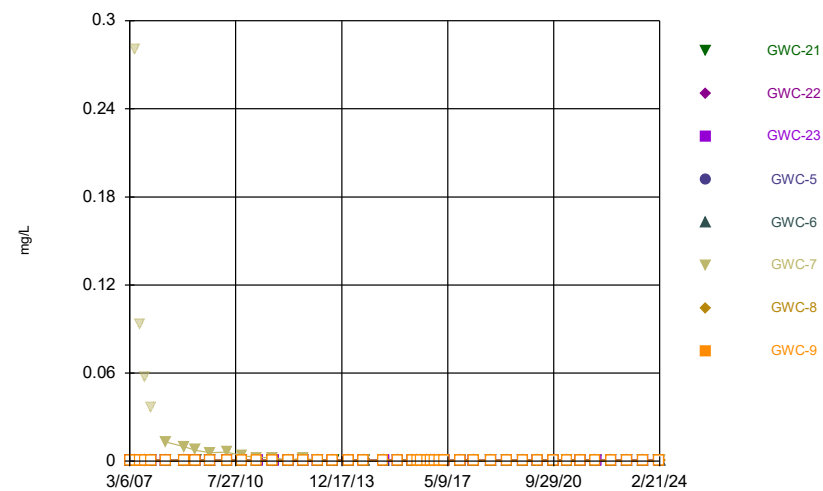
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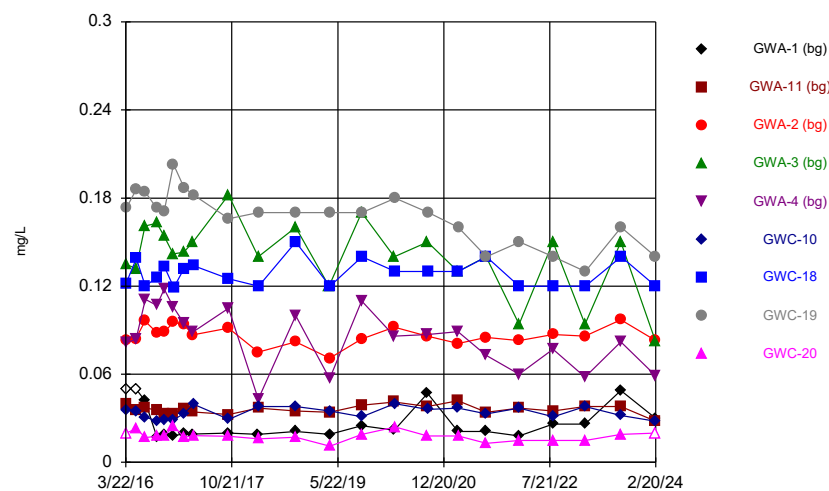
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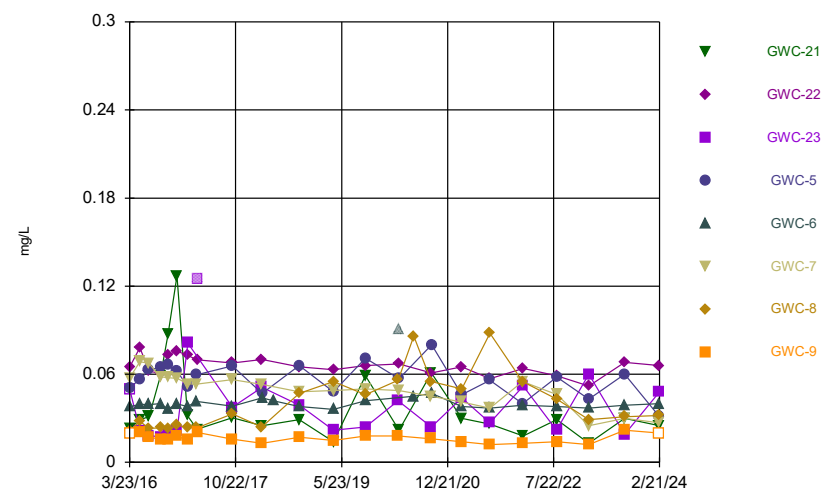
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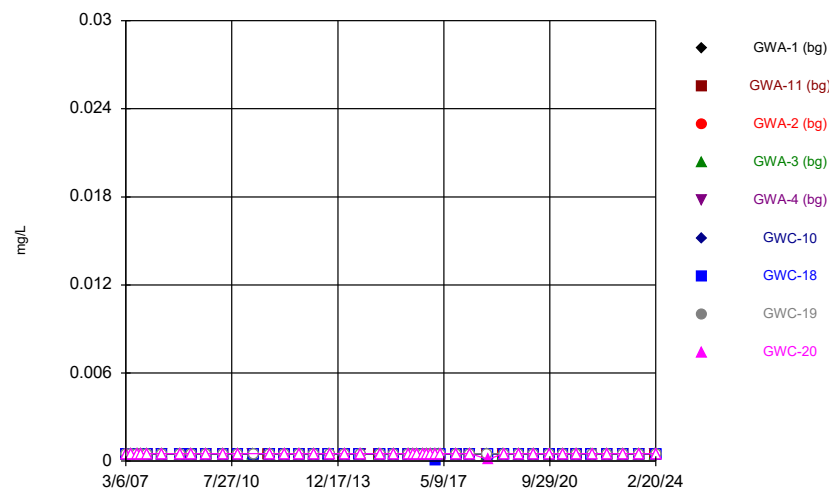
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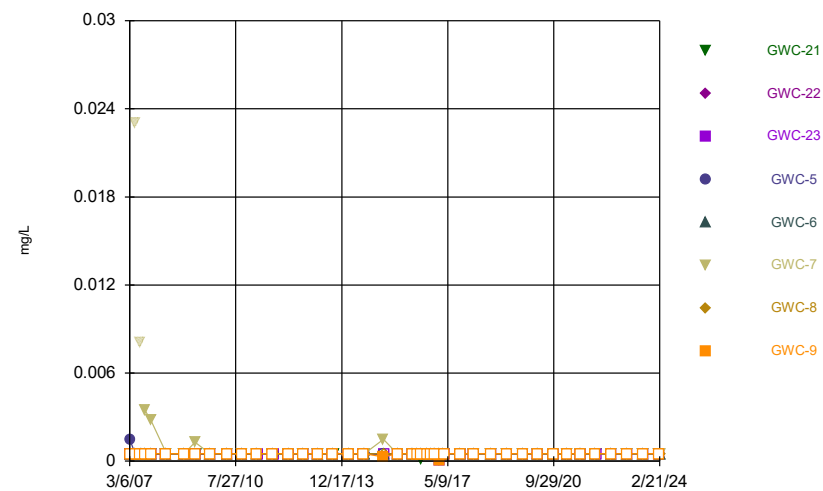
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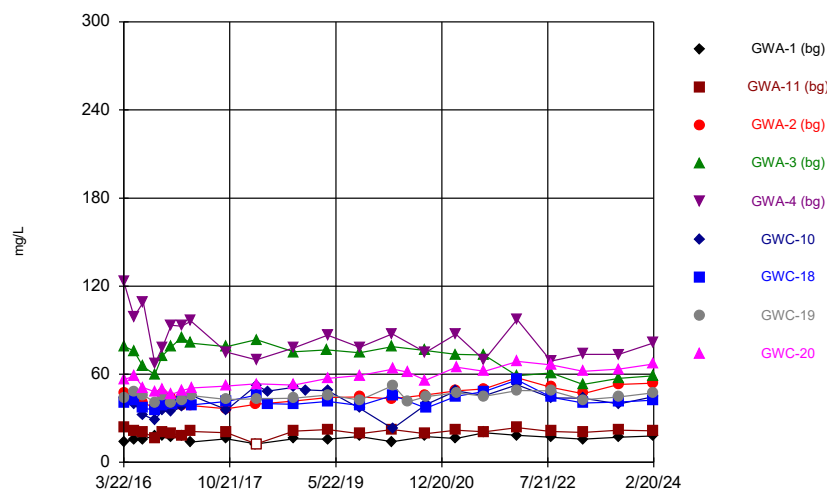
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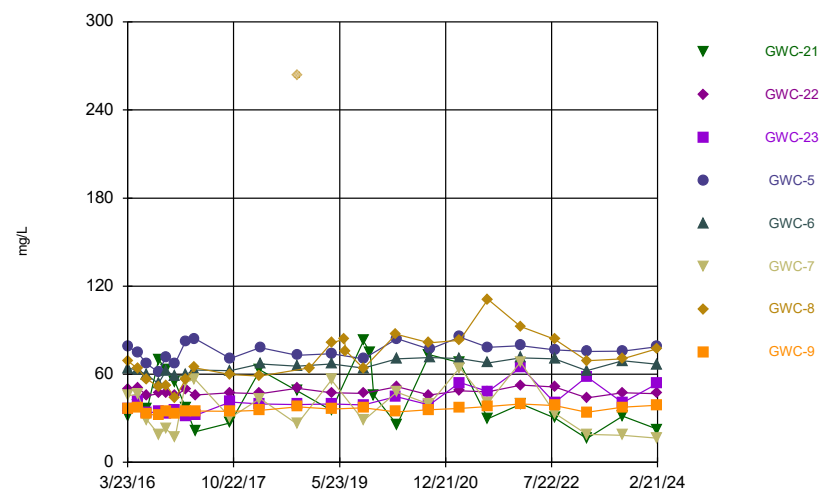


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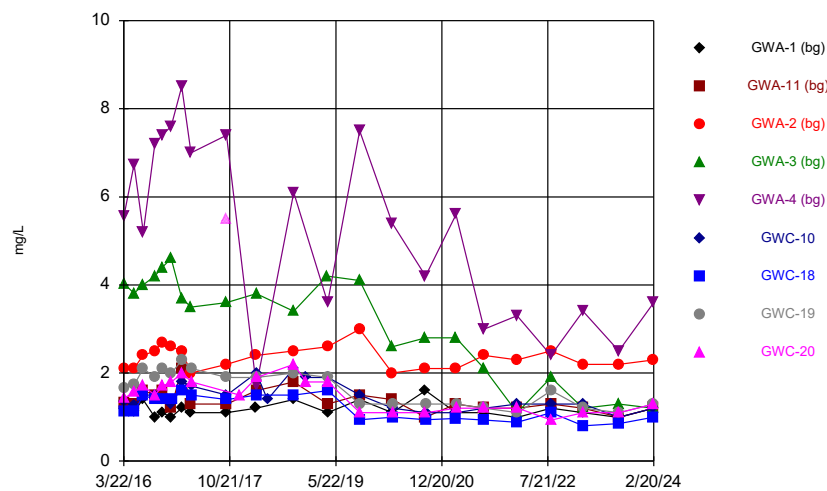
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Plant Hammond Data: Huffaker Road Landfill

Time Series



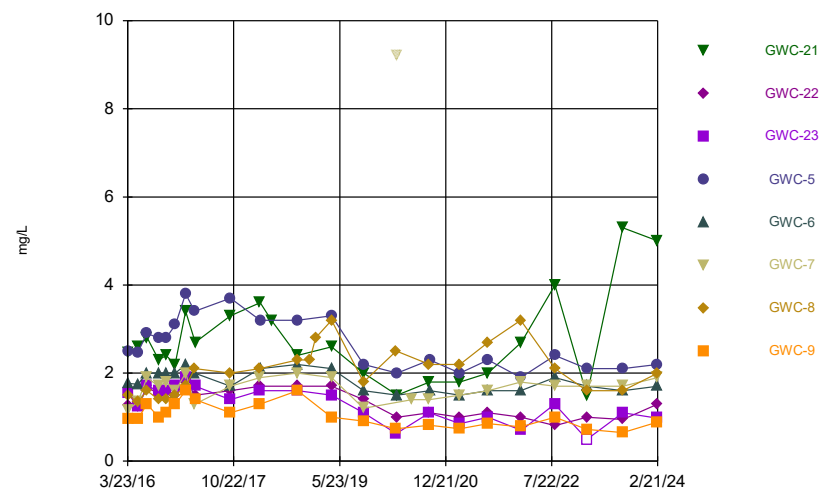
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Plant Hammond Data: Huffaker Road Landfill

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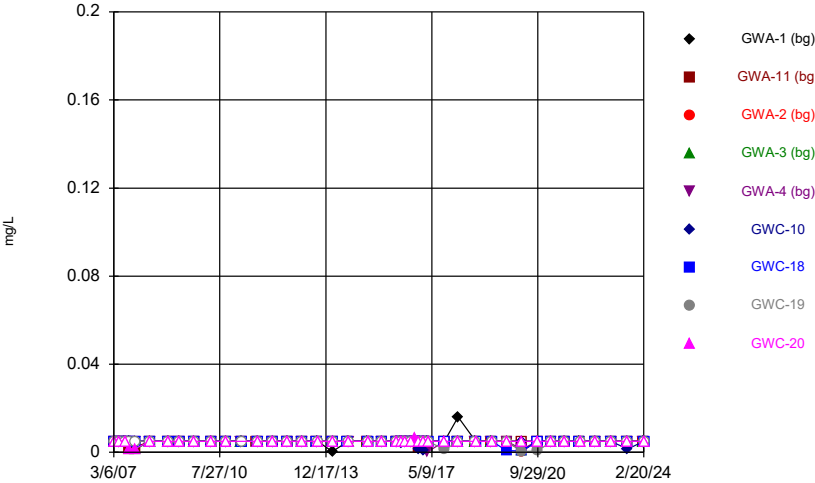
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Plant Hammond Data: Huffaker Road Landfill

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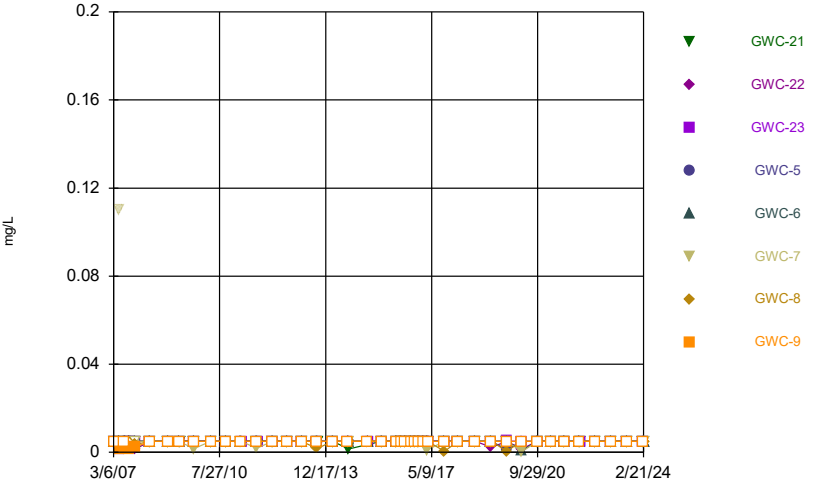


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Plant Hammond Data: Huffaker Road Landfill

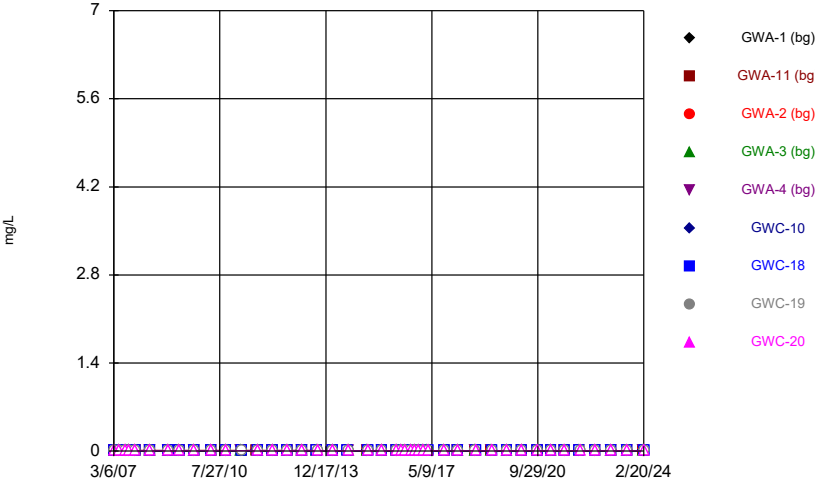
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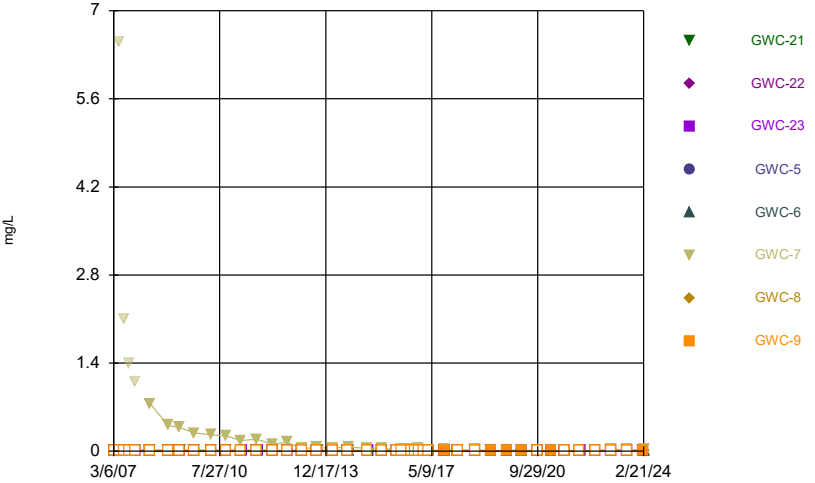
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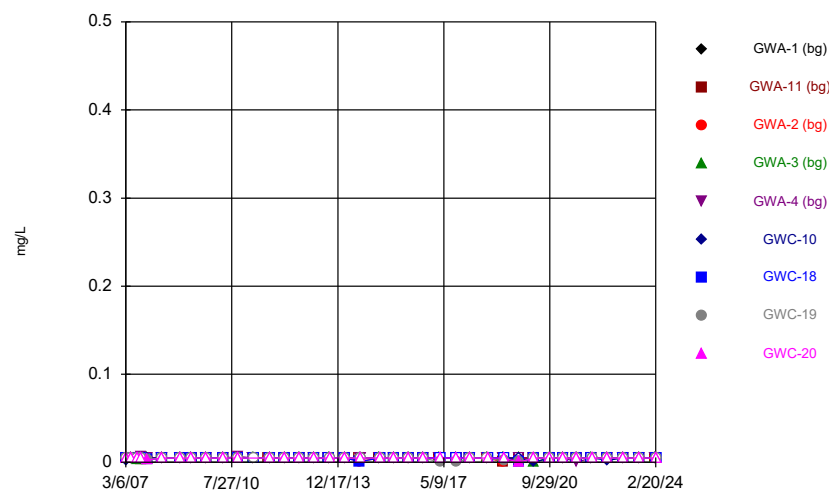
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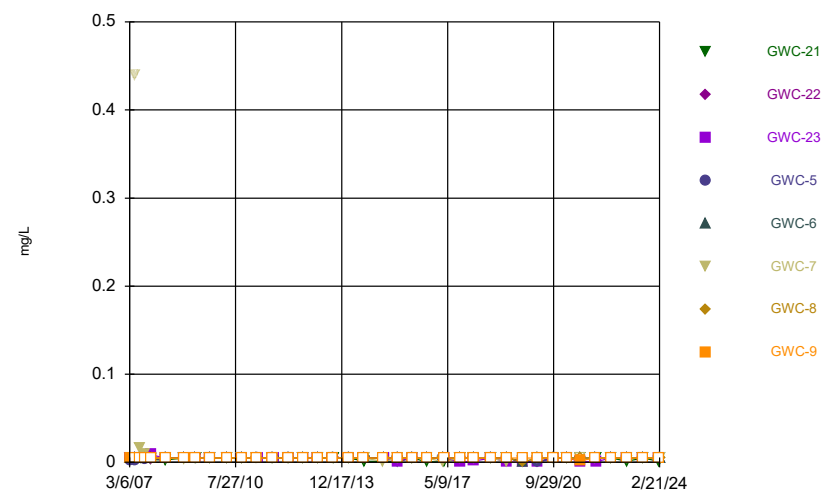
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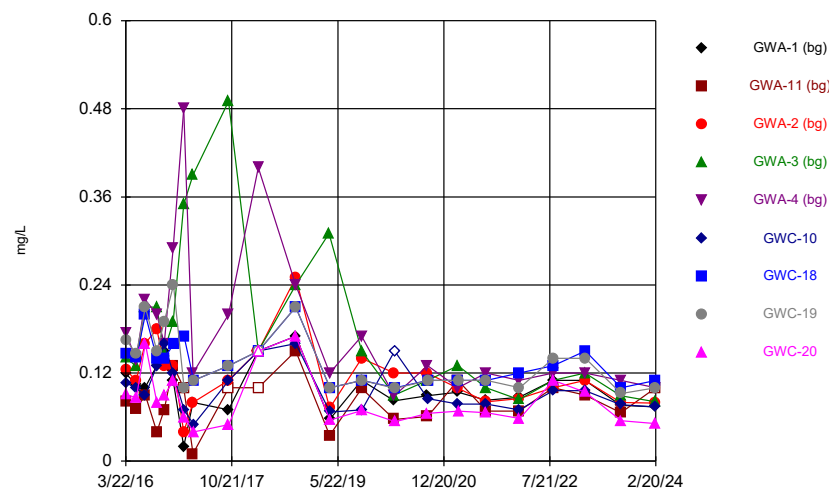
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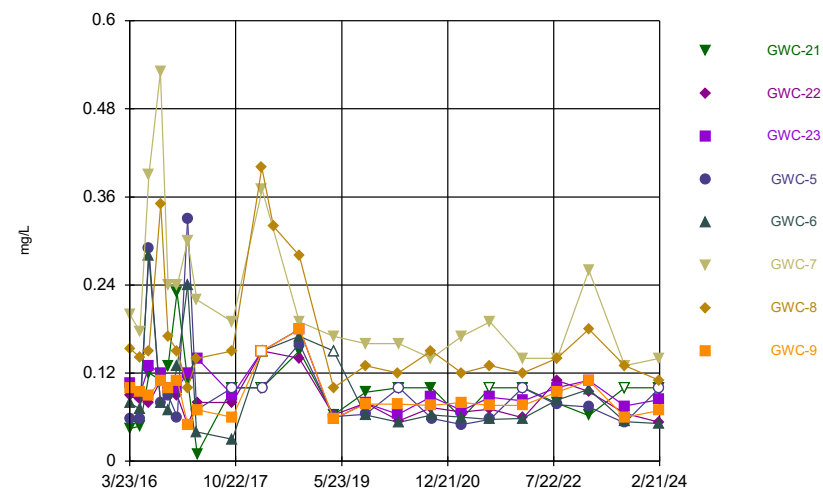
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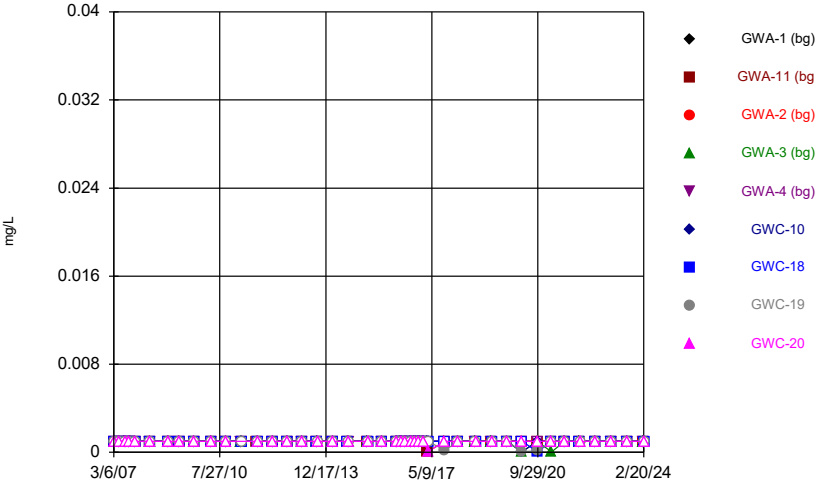
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Time Series

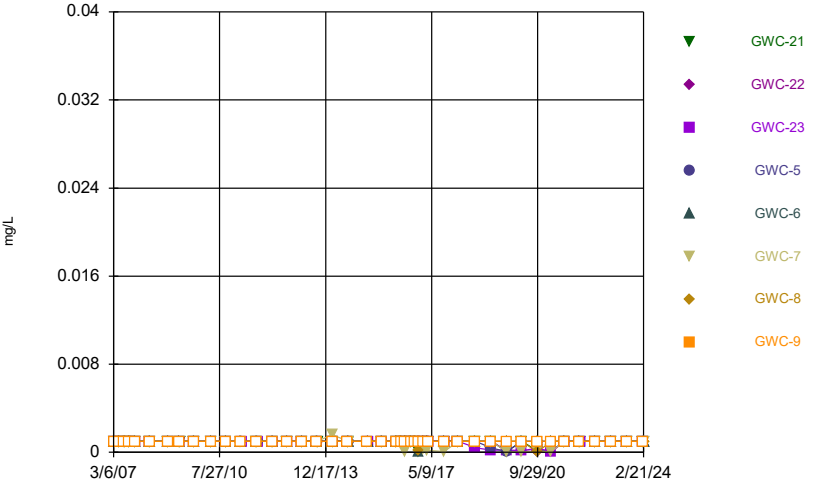


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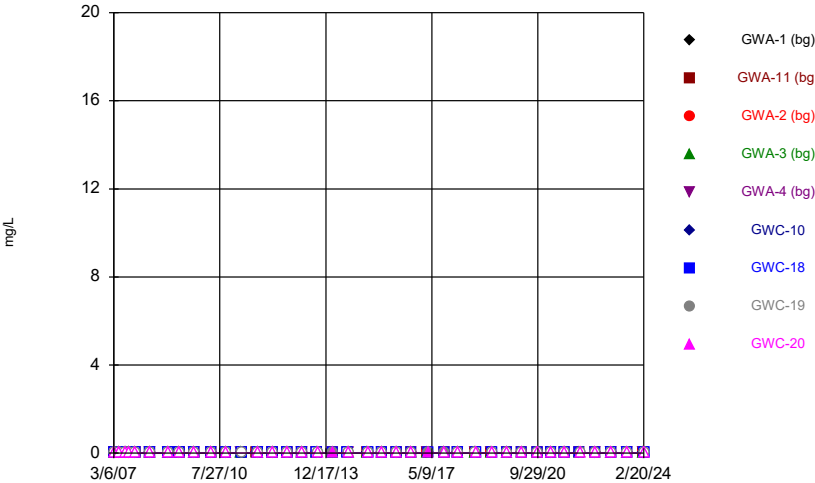
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Plant Hammond Data: Huffaker Road Landfill

Time Series



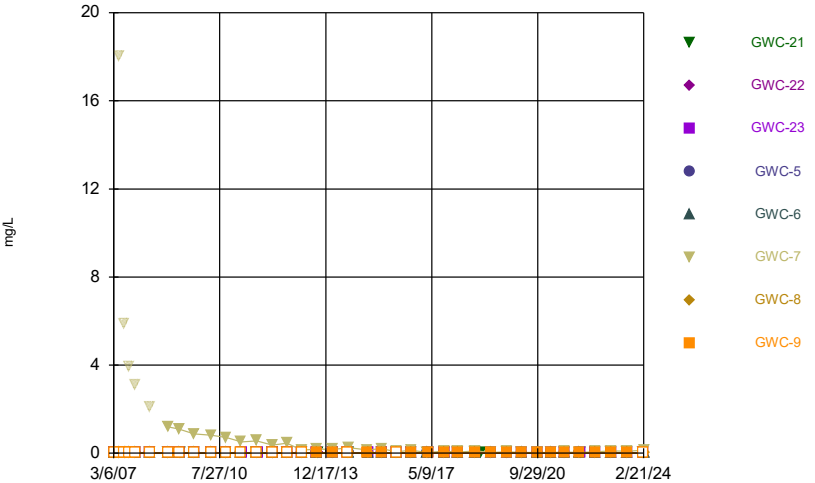
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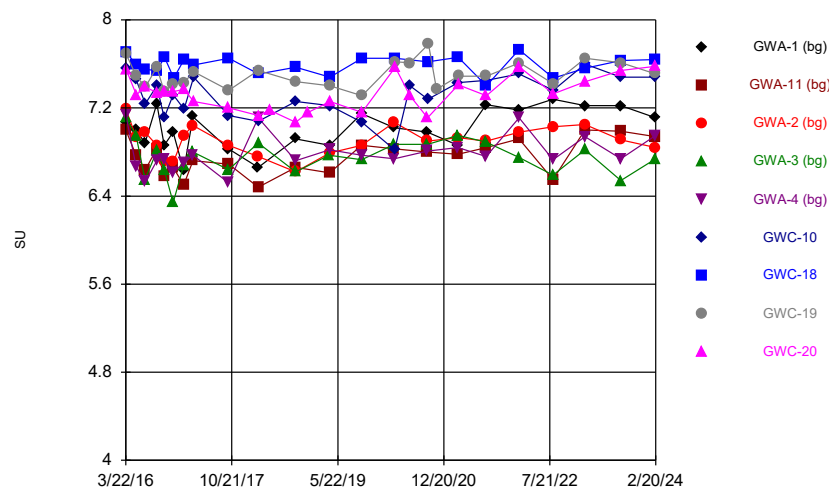
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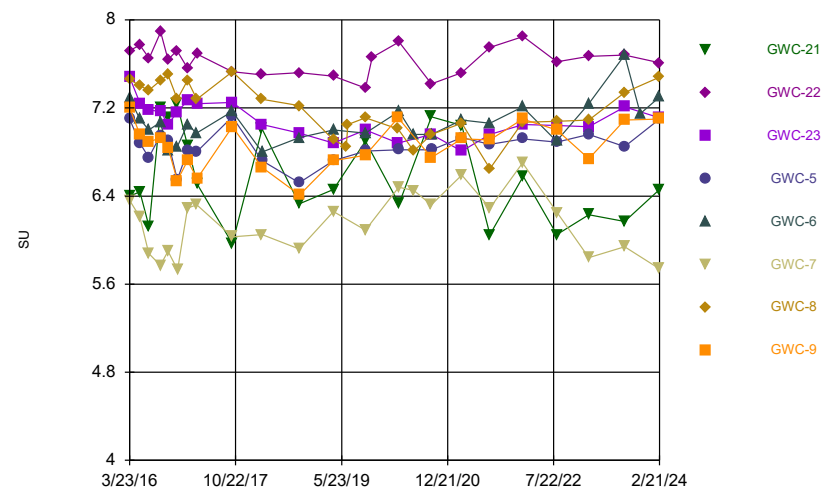
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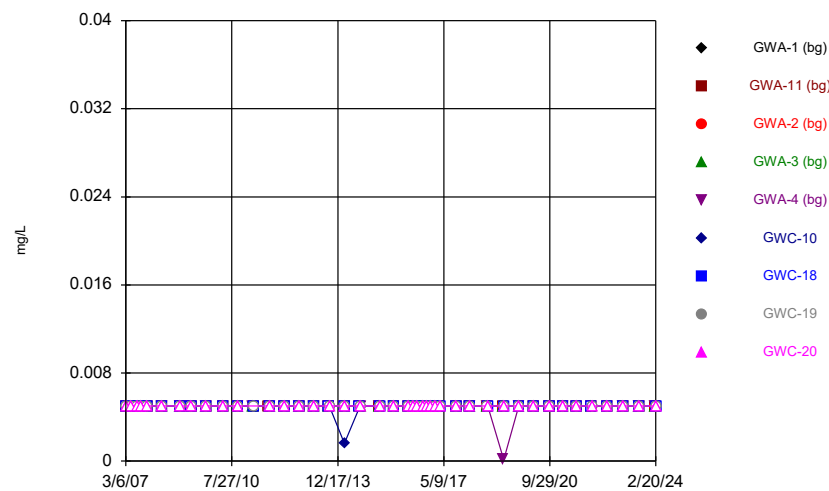
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Plant Hammond Data: Huffaker Road Landfill

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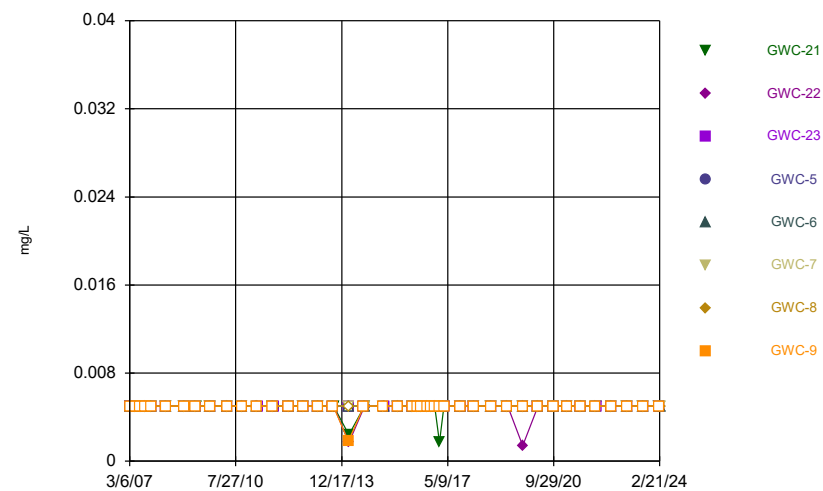
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Plant Hammond Data: Huffaker Road Landfill

Time Series



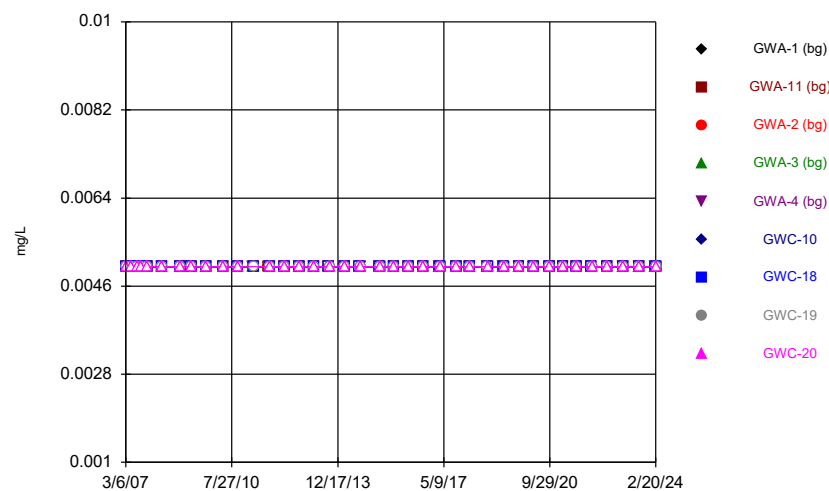
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Plant Hammond Data: Huffaker Road Landfill

Time Series



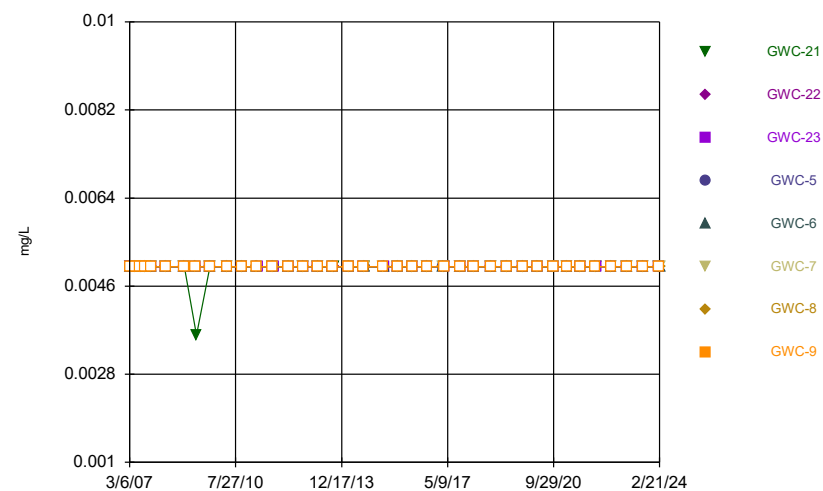
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Plant Hammond Data: Huffaker Road Landfill

Time Series



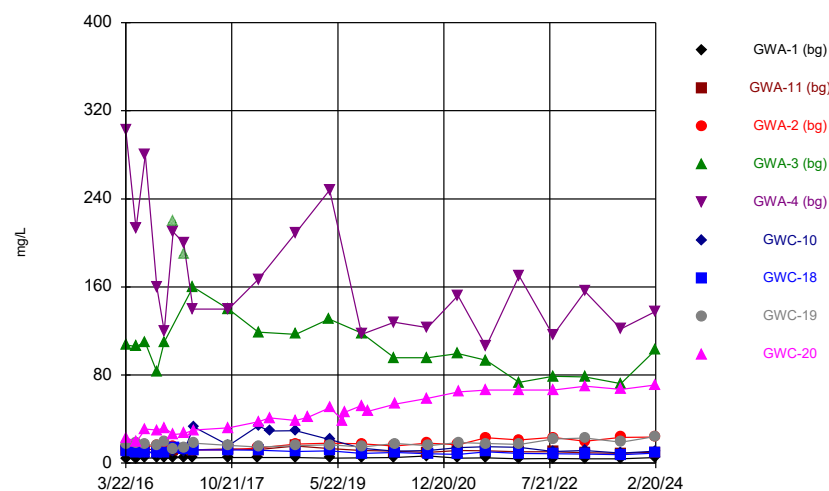
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Plant Hammond Data: Huffaker Road Landfill

Time Series



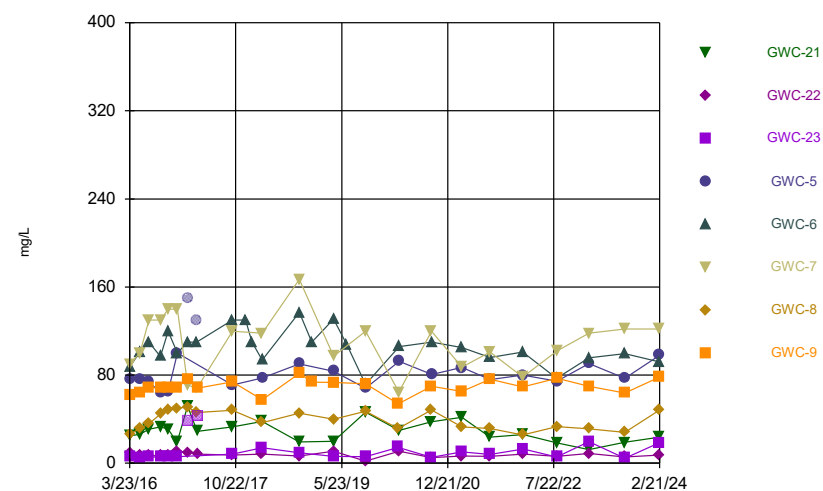
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Plant Hammond Data: Huffaker Road Landfill

Time Series



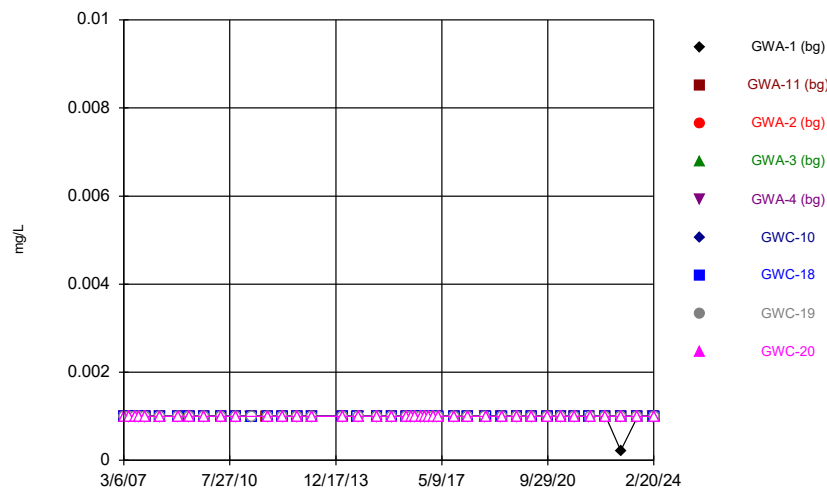
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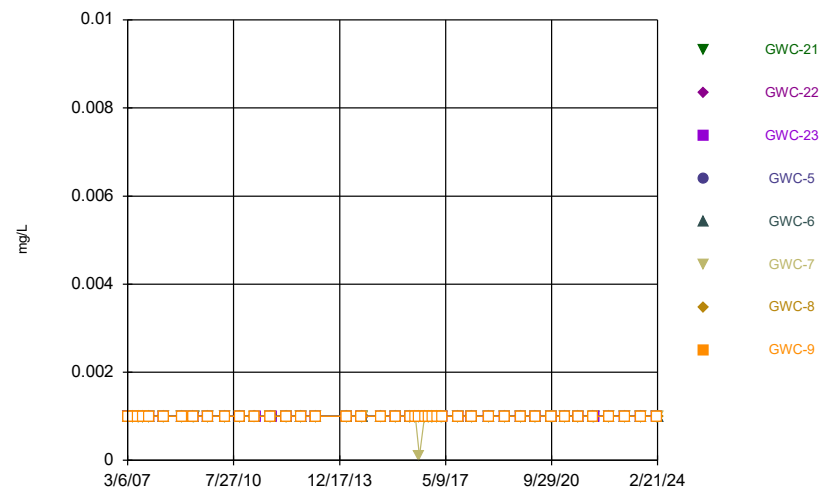


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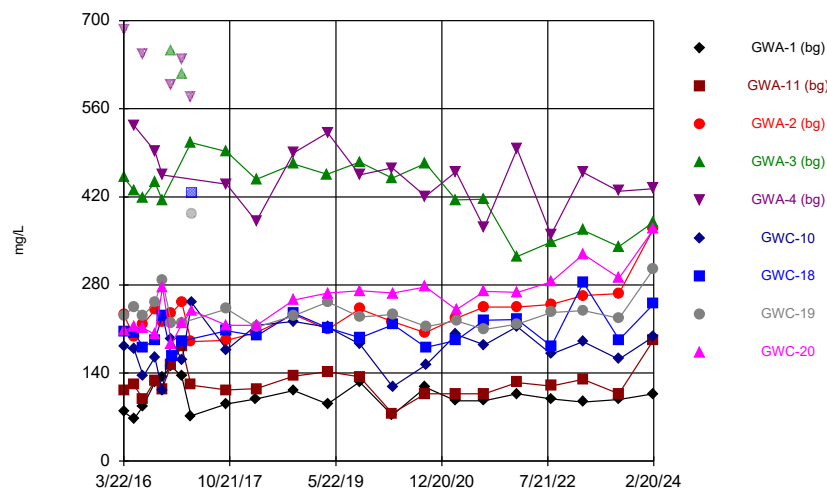
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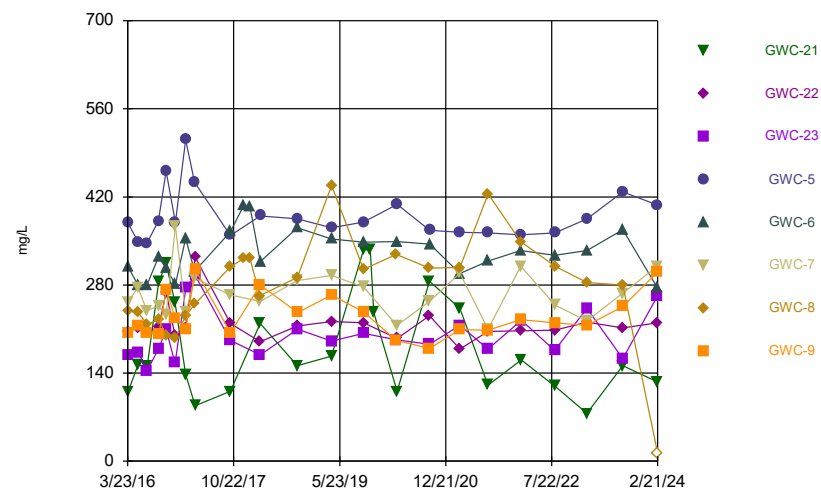
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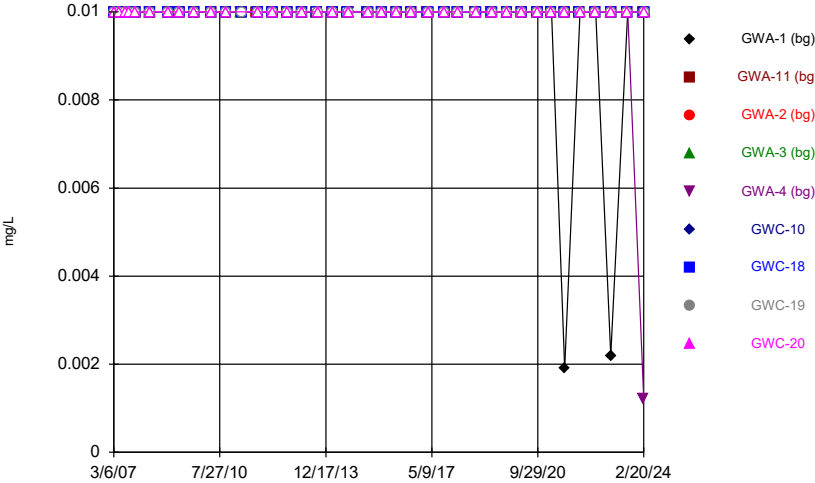
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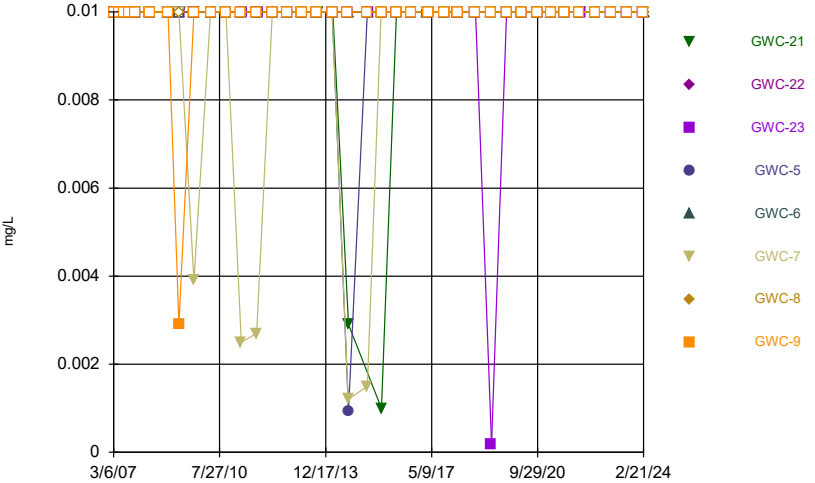
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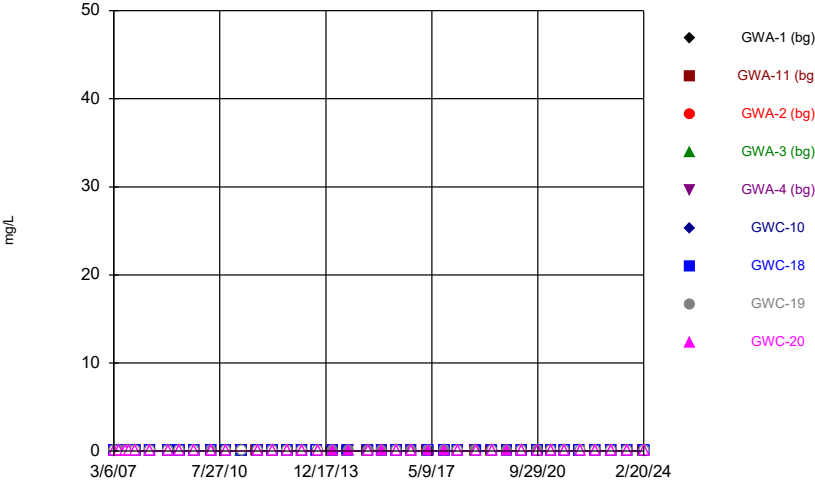
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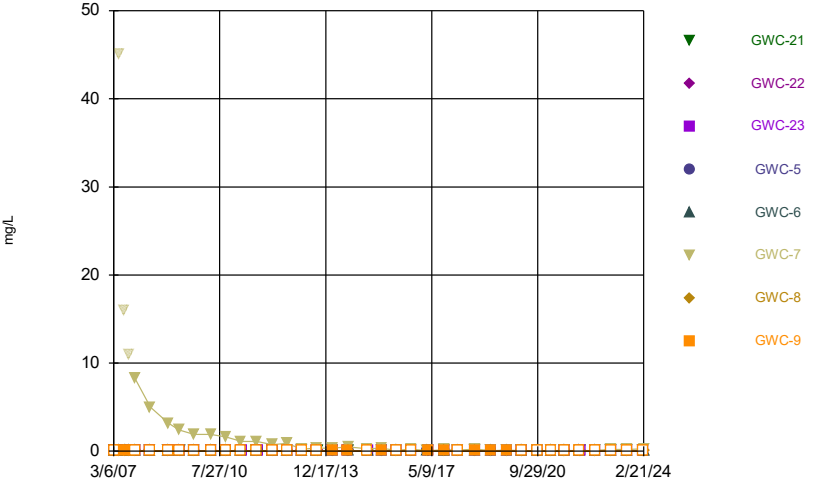
Time Series



Time Series



Time Series



Time Series

Constituent: Antimony (mg/L) Analysis Run 4/29/2024 6:07 PM
Plant Hammond 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				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/29/2024 6:07 PM
Plant Hammond 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 4/29/2024 6:07 PM
Plant Hammond 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
8/14/2023	0.0028 (J)	<0.003	<0.003	<0.003	<0.003	<0.003			
8/15/2023							0.0028 (J)	<0.003	<0.003
2/19/2024	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003			
2/20/2024							<0.003	<0.003	<0.003

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/29/2024 6:07 PM
Plant Hammond 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	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/29/2024 6:07 PM
Plant Hammond 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
8/14/2023			<0.003		<0.003			
8/15/2023	<0.003	<0.003		<0.003		<0.003	<0.003	<0.003
2/20/2024	<0.003	0.0007 (J)	<0.003	<0.003				<0.003

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/29/2024 6:07 PM
Plant Hammond Data: Huffaker Road Landfill

	GWC-21	GWC-22	GWC-23	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
2/21/2024					<0.003	<0.003	<0.003	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/29/2024 6:07 PM
Plant Hammond 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				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Page 2

Constituent: Arsenic (mg/L) Analysis Run 4/29/2024 6:07 PM

Plant Hammond 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				
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		0.0025 (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 4/29/2024 6:07 PM
Plant Hammond 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
8/14/2023	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
8/15/2023							<0.005	<0.005	<0.005
2/19/2024	<0.005	<0.005	<0.005	0.00093 (J)	0.0018 (J)	<0.005			
2/20/2024							<0.005	<0.005	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/29/2024 6:07 PM
Plant Hammond 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	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/29/2024 6:07 PM
Plant Hammond 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
8/14/2023			<0.005		<0.005			
8/15/2023	<0.005	<0.005		<0.005		0.0077 (J)	<0.005	<0.005

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/29/2024 6:07 PM
Plant Hammond Data: Huffaker Road Landfill

	GWC-21	GWC-22	GWC-23	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
2/20/2024	<0.005	<0.005	<0.005	<0.005				<0.005
2/21/2024					<0.005	0.0043 (J)	<0.005	

Time Series

Constituent: Barium (mg/L) Analysis Run 4/29/2024 6:07 PM
Plant Hammond 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

Page 2

Constituent: Barium (mg/L) Analysis Run 4/29/2024 6:07 PM

Plant Hammond 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

Page 3

Constituent: Barium (mg/L) Analysis Run 4/29/2024 6:07 PM
Plant Hammond 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
8/14/2023	0.039	0.028	0.19	0.087	0.045	0.12			
8/15/2023							0.077	0.15	0.16
2/19/2024	0.04	0.031	0.19	0.083	0.051	0.14			
2/20/2024							0.083	0.15	0.15

Time Series

Constituent: Barium (mg/L) Analysis Run 4/29/2024 6:07 PM
Plant Hammond 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 4/29/2024 6:07 PM
Plant Hammond 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
8/14/2023			0.071		0.15			
8/15/2023	0.058	0.092		0.072		0.041	0.12	0.064

Time Series

Constituent: Barium (mg/L) Analysis Run 4/29/2024 6:07 PM
Plant Hammond Data: Huffaker Road Landfill

	GWC-21	GWC-22	GWC-23	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
2/20/2024	0.052	0.091	0.096	0.07				0.073
2/21/2024					0.15	0.035	0.11	

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/29/2024 6:07 PM
Plant Hammond 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				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/29/2024 6:07 PM
Plant Hammond 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 4/29/2024 6:07 PM
Plant Hammond 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
8/14/2023	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			
8/15/2023							<0.0005	<0.0005	<0.0005
2/19/2024	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			
2/20/2024							<0.0005	<0.0005	<0.0005

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/29/2024 6:07 PM
Plant Hammond 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	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/29/2024 6:07 PM
Plant Hammond 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
8/14/2023			<0.0005		<0.0005			
8/15/2023	<0.0005	<0.0005		<0.0005		0.00027 (J)	<0.0005	<0.0005
2/20/2024	<0.0005	<0.0005	<0.0005	<0.0005				<0.0005

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/29/2024 6:07 PM
Plant Hammond Data: Huffaker Road Landfill

	GWC-21	GWC-22	GWC-23	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
2/21/2024					<0.0005	0.00036 (J)	<0.0005	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 4/29/2024 6:07 PM
Plant Hammond 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)			<0.04
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				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 4/29/2024 6:07 PM
Plant Hammond 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)
8/14/2023	0.049	0.038 (J)	0.097	0.15	0.082	0.032 (J)			
8/15/2023							0.14	0.16	0.019 (J)
2/19/2024	0.03 (J)	0.028 (J)	0.083	0.082	0.059	0.028 (J)			
2/20/2024							0.12	0.14	<0.04

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 4/29/2024 6:07 PM
Plant Hammond 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)	<0.04
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)
8/14/2023			0.019 (J)		0.039 (J)			
8/15/2023	0.03 (J)	0.068		0.06		0.03 (J)	0.031 (J)	0.022 (J)
2/20/2024	0.025 (J)	0.066	0.048	0.031 (J)				<0.04
2/21/2024					0.04	0.027 (J)	0.032 (J)	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/29/2024 6:07 PM
Plant Hammond 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				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/29/2024 6:07 PM
Plant Hammond 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 4/29/2024 6:07 PM
Plant Hammond 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
8/14/2023	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			
8/15/2023							<0.0005	<0.0005	<0.0005
2/19/2024	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			
2/20/2024							<0.0005	<0.0005	<0.0005

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/29/2024 6:07 PM
Plant Hammond 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	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/29/2024 6:07 PM
Plant Hammond 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
8/14/2023			<0.0005		<0.0005			
8/15/2023	<0.0005	<0.0005		<0.0005		<0.0005	<0.0005	<0.0005
2/20/2024	<0.0005	<0.0005	<0.0005	<0.0005				<0.0005

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/29/2024 6:07 PM
Plant Hammond Data: Huffaker Road Landfill

	GWC-21	GWC-22	GWC-23	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
2/21/2024					<0.0005	<0.0005	<0.0005	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Calcium (mg/L) Analysis Run 4/29/2024 6:07 PM
Plant Hammond 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				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Calcium (mg/L) Analysis Run 4/29/2024 6:07 PM
Plant Hammond 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
8/14/2023	17.2	21.8	53.1	57.2	73.5	39.8			
8/15/2023							41	44.6	63.5
2/19/2024	17.9	21.4	54	59	81.3	44.8			
2/20/2024							42.4	47.5	67.1

Time Series

Constituent: Calcium (mg/L) Analysis Run 4/29/2024 6:07 PM

Plant Hammond 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
8/14/2023			40.7		69.1			
8/15/2023	31.5	47.3		75.8		18.4	70.5	37.6
2/20/2024	22.5	46.8	53.7	78.7				38.9

Time Series

Constituent: Calcium (mg/L) Analysis Run 4/29/2024 6:07 PM
Plant Hammond Data: Huffaker Road Landfill

	GWC-21	GWC-22	GWC-23	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
2/21/2024					66.7	16.5	77.4	

Time Series

Constituent: Chloride (mg/L) Analysis Run 4/29/2024 6:07 PM
Plant Hammond 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				

Page 2

Constituent: Chloride (mg/L) Analysis Run 4/29/2024 6:07 PM

Plant Hammond 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
8/14/2023	0.99 (J)	1	2.2	1.3	2.5	1			
8/15/2023							0.85 (J)	1.1	1.1
2/19/2024	1.2	1.2	2.3	1.2	3.6	1.2			
2/20/2024							1	1.3	1.3

Time Series

Constituent: Chloride (mg/L) Analysis Run 4/29/2024 6:07 PM
Plant Hammond 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)
8/14/2023			1.1		1.6			
8/15/2023	5.3	0.95 (J)		2.1		1.7	1.6	0.65 (J)
2/20/2024	5	1.3	0.98 (J)	2.2				0.89 (J)
2/21/2024					1.7	1.9	2	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/29/2024 6:07 PM
Plant Hammond 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				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Page 2

Constituent: Chromium (mg/L) Analysis Run 4/29/2024 6:07 PM

Plant Hammond 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 4/29/2024 6:07 PM
Plant Hammond 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
8/14/2023	<0.005	<0.005	<0.005	<0.005	<0.005	0.0015 (J)			
8/15/2023							<0.005	<0.005	<0.005
2/19/2024	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
2/20/2024							<0.005	<0.005	<0.005

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/29/2024 6:07 PM
Plant Hammond 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	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/29/2024 6:07 PM
Plant Hammond 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
8/14/2023			<0.005		<0.005			
8/15/2023	<0.005	<0.005		<0.005		<0.005	<0.005	<0.005
2/20/2024	<0.005	<0.005	<0.005	<0.005				<0.005

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/29/2024 6:07 PM
Plant Hammond Data: Huffaker Road Landfill

	GWC-21	GWC-22	GWC-23	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
2/21/2024					<0.005	<0.005	<0.005	

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/29/2024 6:07 PM
Plant Hammond 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)	0.00043 (J)	<0.005			<0.005			
3/10/2014							<0.005	<0.005	<0.005
3/11/2014				<0.005	<0.005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Page 2

Constituent: Cobalt (mg/L) Analysis Run 4/29/2024 6:07 PM
Plant Hammond 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 4/29/2024 6:07 PM
Plant Hammond 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
8/14/2023	0.00043 (J)	0.00045 (J)	<0.005	0.00095 (J)	<0.005	<0.005			
8/15/2023							<0.005	<0.005	<0.005
2/19/2024	0.0005 (J)	0.00063 (J)	<0.005	0.00049 (J)	<0.005	<0.005			
2/20/2024							<0.005	<0.005	<0.005

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/29/2024 6:07 PM

Plant Hammond 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 4/29/2024 6:07 PM
Plant Hammond 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
8/14/2023			<0.005		<0.005			
8/15/2023	0.0032 (J)	<0.005		0.00046 (J)		0.021	0.00077 (J)	<0.005
2/20/2024	0.0029 (J)	<0.005	<0.005	0.00035 (J)				0.00033 (J)

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/29/2024 6:07 PM
Plant Hammond Data: Huffaker Road Landfill

	GWC-21	GWC-22	GWC-23	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
2/21/2024					<0.005	0.03	0.00053 (J)	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 4/29/2024 6:07 PM
Plant Hammond 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				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 4/29/2024 6:07 PM
Plant Hammond 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
8/14/2023	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
8/15/2023							<0.005	<0.005	<0.005
2/19/2024	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			

Time Series

Constituent: Copper (mg/L) Analysis Run 4/29/2024 6:07 PM
Plant Hammond 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
2/20/2024							<0.005	<0.005	<0.005

Time Series

Constituent: Copper (mg/L) Analysis Run 4/29/2024 6:07 PM
Plant Hammond 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	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 4/29/2024 6:07 PM
Plant Hammond 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
8/14/2023			<0.005		<0.005			
8/15/2023	<0.005	<0.005		<0.005		<0.005	<0.005	<0.005
2/20/2024	0.00075 (J)	<0.005	<0.005	<0.005				<0.005
2/21/2024					<0.005	<0.005	<0.005	

Time Series

Constituent: Fluoride (mg/L) Analysis Run 4/29/2024 6:07 PM
Plant Hammond 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		<0.1		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		<0.1				0.11 (J)	0.13 (J)	0.13 (J)	0.05 (J)
3/14/2018	<0.3		<0.3						
3/15/2018		<0.1		<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)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 4/29/2024 6:07 PM
Plant Hammond 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)
8/14/2023	0.076 (J)	0.066 (J)	0.08 (J)	0.089 (J)	0.11	0.077 (J)			
8/15/2023							0.1	0.092 (J)	0.055 (J)
2/19/2024	0.074 (J)	<0.1	0.079 (J)	0.081 (J)	0.1	0.074 (J)			
2/20/2024							0.11	0.1	0.051 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 4/29/2024 6:07 PM
Plant Hammond 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
8/14/2023			0.075 (J)		0.054 (J)			
8/15/2023	<0.1	0.065 (J)		0.052 (J)		0.13	0.13	0.06 (J)
2/20/2024	<0.1	0.053 (J)	0.084 (J)	<0.1				0.069 (J)
2/21/2024					0.051 (J)	0.14	0.11	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 4/29/2024 6:07 PM
Plant Hammond 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				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Page 2

Constituent: Lead (mg/L) Analysis Run 4/29/2024 6:08 PM
Plant Hammond 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 4/29/2024 6:08 PM
Plant Hammond 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
8/14/2023	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
8/15/2023							<0.001	<0.001	<0.001
2/19/2024	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
2/20/2024							<0.001	<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 4/29/2024 6:08 PM
Plant Hammond 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	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 4/29/2024 6:08 PM
Plant Hammond 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
8/14/2023			<0.001		<0.001			
8/15/2023	<0.001	<0.001		<0.001		<0.001	<0.001	<0.001
2/20/2024	<0.001	<0.001	<0.001	<0.001				<0.001

Time Series

Constituent: Lead (mg/L) Analysis Run 4/29/2024 6:08 PM
Plant Hammond Data: Huffaker Road Landfill

	GWC-21	GWC-22	GWC-23	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
2/21/2024					<0.001	<0.001	<0.001	

Time Series

Constituent: Nickel (mg/L) Analysis Run 4/29/2024 6:08 PM
Plant Hammond 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				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 4/29/2024 6:08 PM
Plant Hammond 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
8/14/2023	<0.005	0.0016 (J)	<0.005	0.0021 (J)	<0.005	<0.005			
8/15/2023							<0.005	<0.005	<0.005
2/19/2024	<0.005	0.0022 (J)	<0.005	<0.005	<0.005	<0.005			

Time Series

Constituent: Nickel (mg/L) Analysis Run 4/29/2024 6:08 PM
Plant Hammond 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
2/20/2024							<0.005	<0.005	<0.005

Time Series

Constituent: Nickel (mg/L) Analysis Run 4/29/2024 6:08 PM
Plant Hammond 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	18 (o)	<0.005	
7/6/2007				<0.005		5.9 (o)	<0.005	<0.005
7/17/2007	<0.005	<0.005	<0.005		<0.005			
8/28/2007				<0.005	<0.005	3.9 (o)	<0.005	<0.005
8/29/2007	0.0055	<0.005	<0.005					
11/6/2007				<0.005	<0.005	3.1 (o)	<0.005	<0.005
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	<0.005
12/2/2008						1.2	<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						1.1	<0.005	<0.005
4/14/2009		<0.005	<0.005					
4/27/2009	0.0027							
9/30/2009	0.0051	<0.005					<0.005	<0.005
10/1/2009			<0.005	<0.005	<0.005	0.88		
4/13/2010	0.0031	<0.005			<0.005	0.82	<0.005	<0.005
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	<0.005
10/14/2010				<0.005				
4/5/2011				<0.005	<0.005	0.52	<0.005	<0.005
4/6/2011		<0.005	<0.005					
10/4/2011					<0.005	0.56	<0.005	<0.005
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				<0.005
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	<0.005
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	<0.005
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					<0.005
9/8/2014					<0.005	0.25		
9/9/2014	0.0029	<0.005		<0.005			<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 4/29/2024 6:08 PM
Plant Hammond 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	<0.005
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)
8/14/2023			<0.005		<0.005			
8/15/2023	0.0054	<0.005		<0.005		0.095	<0.005	0.0017 (J)
2/20/2024	0.0053	<0.005	<0.005	<0.005				<0.005
2/21/2024					<0.005	0.13	<0.005	

Time Series

Constituent: pH (SU) Analysis Run 4/29/2024 6:08 PM
Plant Hammond 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 4/29/2024 6:08 PM
Plant Hammond 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
8/14/2023	7.22	6.99	6.91	6.54	6.74	7.48			
8/15/2023							7.63	7.61	7.54
2/19/2024	7.11	6.94	6.84	6.74	6.95	7.48			
2/20/2024							7.64	7.51	7.58

Time Series

Constituent: pH (SU) Analysis Run 4/29/2024 6:08 PM
Plant Hammond 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
8/14/2023			7.21		7.68			
8/15/2023	6.17	7.68		6.85		5.94	7.34	7.09

Time Series

Constituent: pH (SU) Analysis Run 4/29/2024 6:08 PM
Plant Hammond Data: Huffaker Road Landfill

	GWC-21	GWC-22	GWC-23	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
11/8/2023					7.15			
2/20/2024	6.46	7.61	7.11	7.1				7.1
2/21/2024					7.3	5.74	7.48	

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/29/2024 6:08 PM
Plant Hammond 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				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/29/2024 6:08 PM
Plant Hammond 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 4/29/2024 6:08 PM
Plant Hammond 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
8/14/2023	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
8/15/2023							<0.005	<0.005	<0.005
2/19/2024	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
2/20/2024							<0.005	<0.005	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/29/2024 6:08 PM
Plant Hammond 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				<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	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/29/2024 6:08 PM
Plant Hammond 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
8/14/2023			<0.005		<0.005			
8/15/2023	<0.005	<0.005		<0.005		<0.005	<0.005	<0.005
2/20/2024	<0.005	<0.005	<0.005	<0.005				<0.005

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/29/2024 6:08 PM
Plant Hammond Data: Huffaker Road Landfill

	GWC-21	GWC-22	GWC-23	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
2/21/2024					<0.005	<0.005	<0.005	

Time Series

Constituent: Silver (mg/L) Analysis Run 4/29/2024 6:08 PM
Plant Hammond 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				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 4/29/2024 6:08 PM
Plant Hammond 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
8/14/2023	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
8/15/2023							<0.005	<0.005	<0.005
2/19/2024	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			

Time Series

Constituent: Silver (mg/L) Analysis Run 4/29/2024 6:08 PM
Plant Hammond 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
2/20/2024							<0.005	<0.005	<0.005

Time Series

Constituent: Silver (mg/L) Analysis Run 4/29/2024 6:08 PM
Plant Hammond 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	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 4/29/2024 6:08 PM
Plant Hammond 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
8/14/2023			<0.005		<0.005			
8/15/2023	<0.005	<0.005		<0.005		<0.005	<0.005	<0.005
2/20/2024	<0.005	<0.005	<0.005	<0.005				<0.005
2/21/2024					<0.005	<0.005	<0.005	

Time Series

Constituent: Sulfate (mg/L) Analysis Run 4/29/2024 6:08 PM

Plant Hammond 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 (o)	210	11			
12/7/2016			15					13	26
12/8/2016							14		
1/31/2017	5.1		13						
2/1/2017		13		190 (o)	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 4/29/2024 6:08 PM
Plant Hammond 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
8/14/2023	3.9	8.9	23.4	72.3	122	9			
8/15/2023							7.7	19.1	67.1
2/19/2024	5.1	9.9	23.7	103	138	10.8			
2/20/2024							9.1	24.3	71

Time Series

Constituent: Sulfate (mg/L) Analysis Run 4/29/2024 6:08 PM
Plant Hammond 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 (o)	110			
2/2/2017	52	9.9				71	51	76
2/3/2017			38 (o)					
3/23/2017				130 (o)	110			
3/24/2017						68	46	
3/27/2017	29	8.4	43 (o)					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
8/14/2023			4.6		99.5			
8/15/2023	18.9	5.6		77.2		122	28.1	63.9
2/20/2024	23.8	7.3	18.6	98.1				78.2
2/21/2024					91.9	122	48.3	

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/29/2024 6:08 PM
Plant Hammond 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

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/29/2024 6:08 PM
Plant Hammond 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 4/29/2024 6:08 PM
Plant Hammond 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
8/14/2023	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
8/15/2023							<0.001	<0.001	<0.001
2/19/2024	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
2/20/2024							<0.001	<0.001	<0.001

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/29/2024 6:08 PM
Plant Hammond 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 4/29/2024 6:08 PM
Plant Hammond 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
8/14/2023			<0.001		<0.001			
8/15/2023	<0.001	<0.001		<0.001		<0.001	<0.001	<0.001
2/20/2024	<0.001	<0.001	<0.001	<0.001				<0.001
2/21/2024					<0.001	<0.001	<0.001	

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/29/2024 6:08 PM

Plant Hammond Data: Huffaker Road Landfill

[illegible]

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/29/2024 6:08 PM
Plant Hammond 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
8/14/2023	98	107	266	341	429	162			
8/15/2023							193	227	291
2/19/2024	107	193	370	380	433	198			
2/20/2024							250	306	369

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/29/2024 6:08 PM

Plant Hammond 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
8/14/2023			163		368			
8/15/2023	152	212		428		267	280	246
2/20/2024	126	220	263	407				301
2/21/2024					275	310	<25	

Time Series

Constituent: Vanadium (mg/L) Analysis Run 4/29/2024 6:08 PM
Plant Hammond 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				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 4/29/2024 6:08 PM
Plant Hammond 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
8/14/2023	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			
8/15/2023							<0.01	<0.01	<0.01
2/19/2024	<0.01	<0.01	<0.01	<0.01	0.0012 (J)	<0.01			

Time Series

Constituent: Vanadium (mg/L) Analysis Run 4/29/2024 6:08 PM
Plant Hammond 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
2/20/2024							<0.01	<0.01	<0.01

Time Series

Constituent: Vanadium (mg/L) Analysis Run 4/29/2024 6:08 PM
Plant Hammond 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	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 4/29/2024 6:08 PM

Plant Hammond 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
8/14/2023			<0.01		<0.01			
8/15/2023	<0.01	<0.01		<0.01		<0.01	<0.01	<0.01
2/20/2024	<0.01	<0.01	<0.01	<0.01				<0.01
2/21/2024					<0.01	<0.01	<0.01	

Time Series

Constituent: Zinc (mg/L) Analysis Run 4/29/2024 6:08 PM
Plant Hammond 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				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 4/29/2024 6:08 PM
Plant Hammond 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
8/14/2023	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			
8/15/2023							<0.01	<0.01	<0.01
2/19/2024	<0.01	<0.01	<0.01	0.0025 (J)	<0.01	<0.01			

Time Series

Constituent: Zinc (mg/L) Analysis Run 4/29/2024 6:08 PM
Plant Hammond 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
2/20/2024							<0.01	<0.01	<0.01

Time Series

Constituent: Zinc (mg/L) Analysis Run 4/29/2024 6:08 PM
 Plant Hammond 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)	

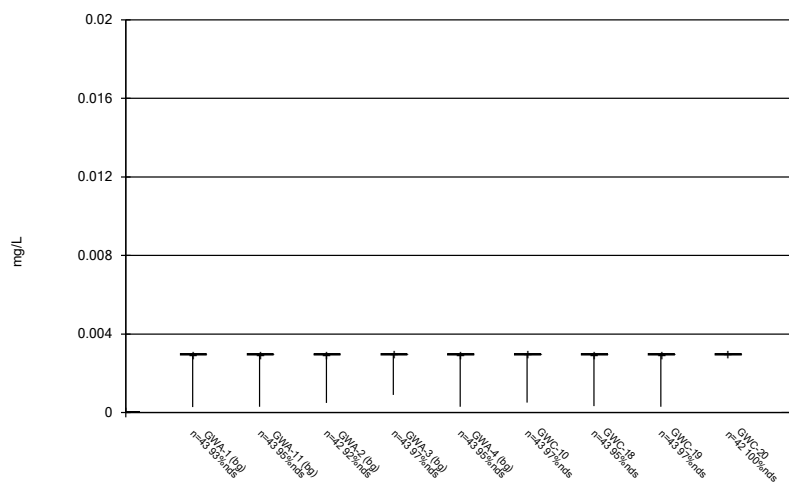
Time Series

Constituent: Zinc (mg/L) Analysis Run 4/29/2024 6:08 PM
Plant Hammond 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
8/14/2023			<0.01		<0.01			
8/15/2023	<0.01	<0.01		<0.01		0.2	<0.01	<0.01
2/20/2024	0.0068 (J)	<0.01	<0.01	<0.01				<0.01
2/21/2024					<0.01	0.27	<0.01	

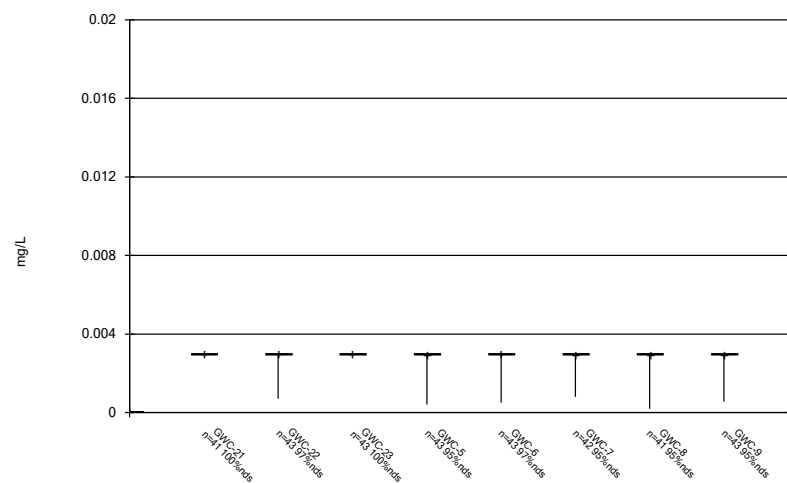
FIGURE B.

Box & Whiskers Plot



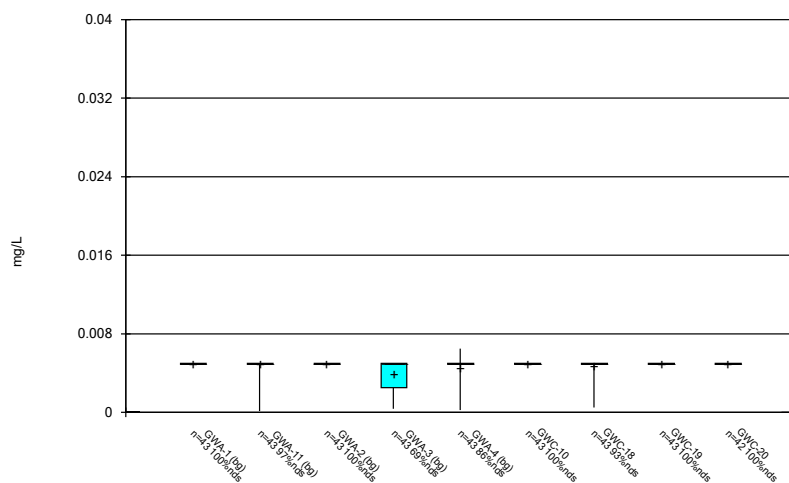
Constituent: Antimony Analysis Run 4/29/2024 6:09 PM
Plant Hammond Data: Huffaker Road Landfill

Box & Whiskers Plot



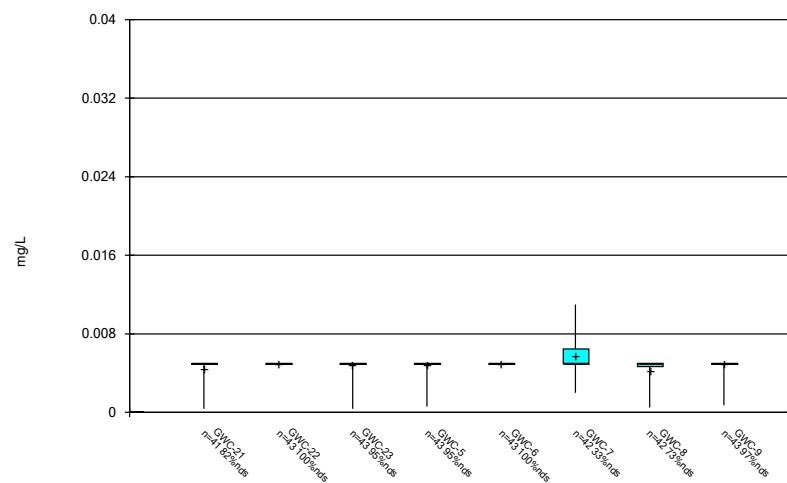
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Plant Hammond Data: Huffaker Road Landfill

Box & Whiskers Plot



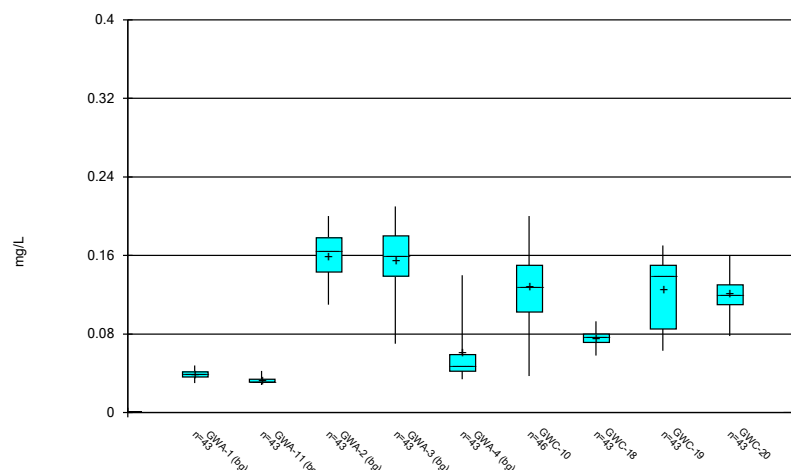
Constituent: Arsenic Analysis Run 4/29/2024 6:09 PM
Plant Hammond Data: Huffaker Road Landfill

Box & Whiskers Plot



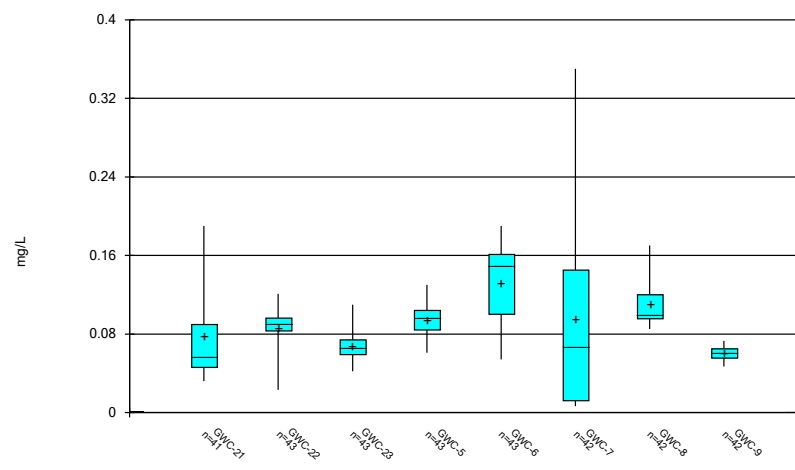
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Plant Hammond Data: Huffaker Road Landfill

Box & Whiskers Plot



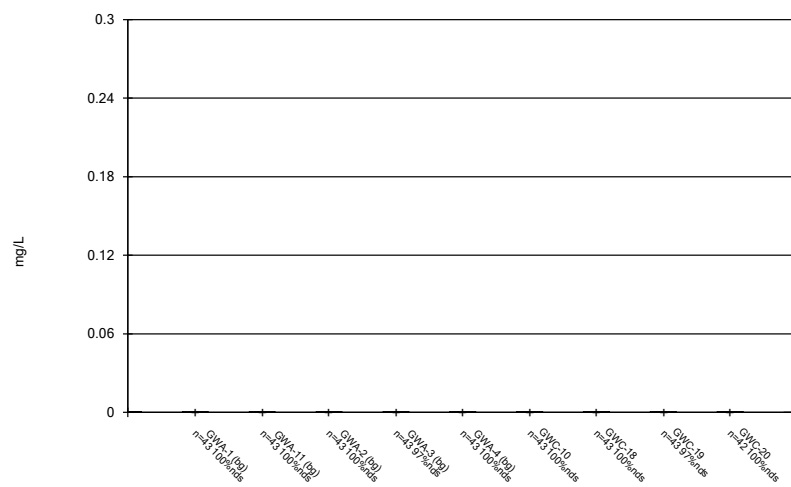
Constituent: Barium Analysis Run 4/29/2024 6:09 PM
Plant Hammond Data: Huffaker Road Landfill

Box & Whiskers Plot



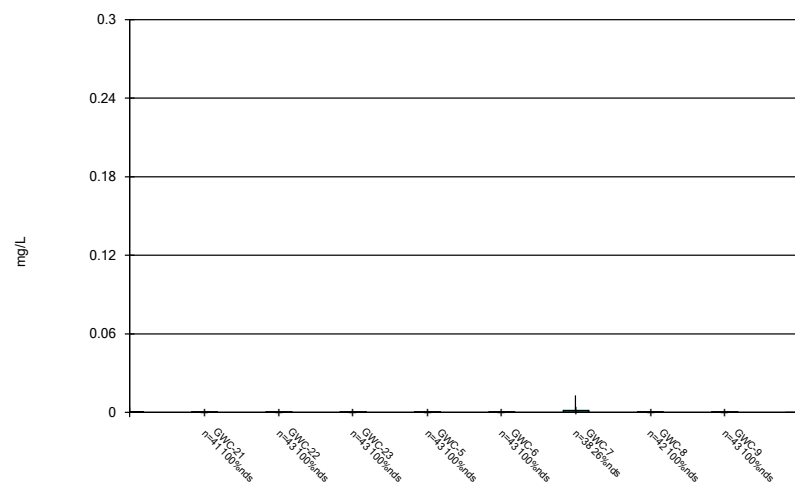
Constituent: Barium Analysis Run 4/29/2024 6:09 PM
Plant Hammond Data: Huffaker Road Landfill

Box & Whiskers Plot



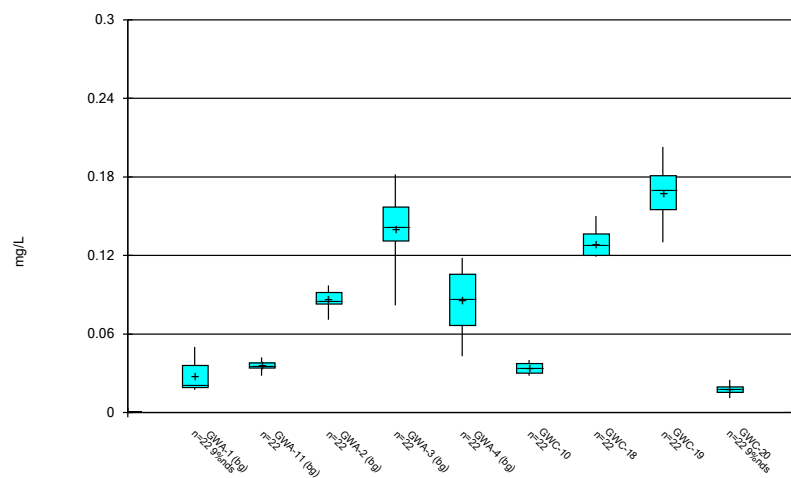
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Plant Hammond Data: Huffaker Road Landfill

Box & Whiskers Plot



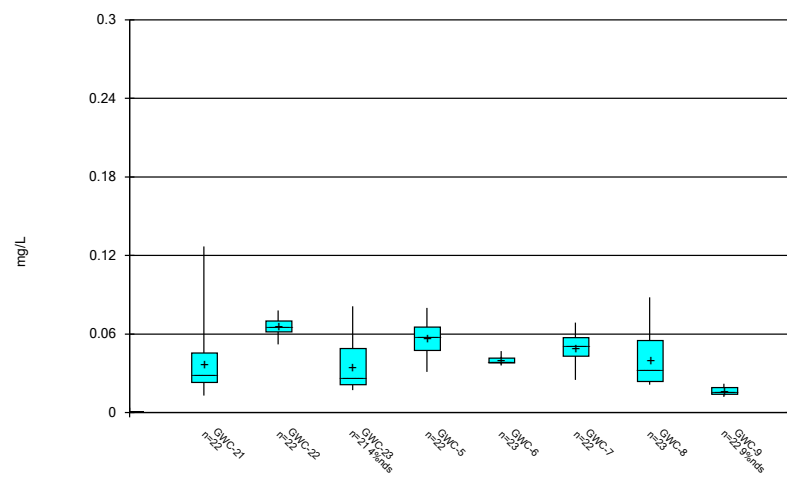
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Plant Hammond Data: Huffaker Road Landfill

Box & Whiskers Plot



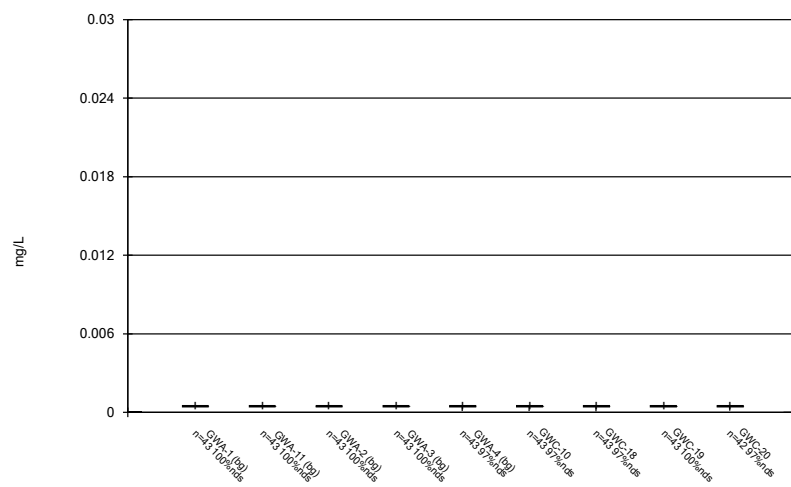
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Plant Hammond Data: Huffaker Road Landfill

Box & Whiskers Plot



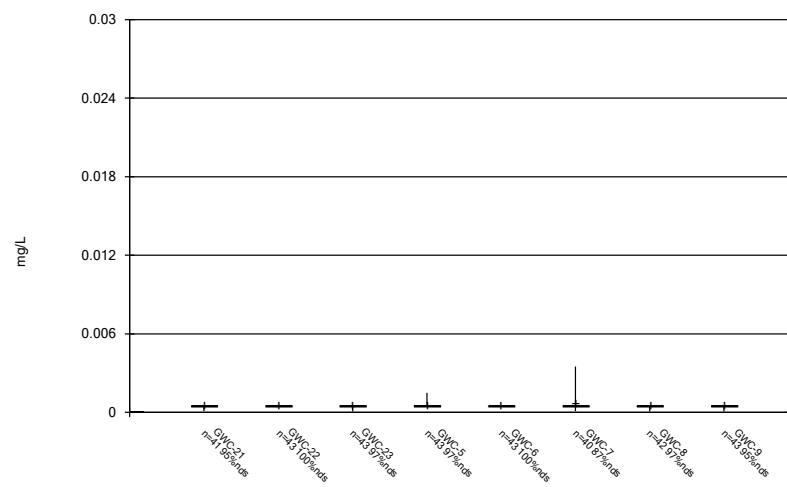
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Plant Hammond Data: Huffaker Road Landfill

Box & Whiskers Plot



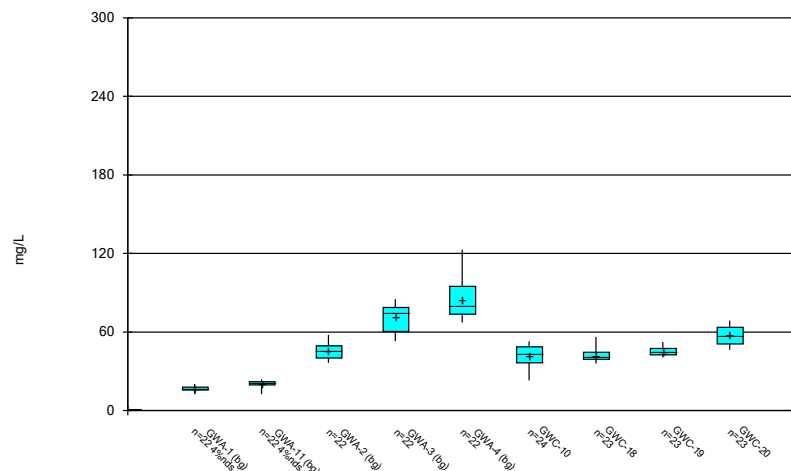
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Plant Hammond Data: Huffaker Road Landfill

Box & Whiskers Plot



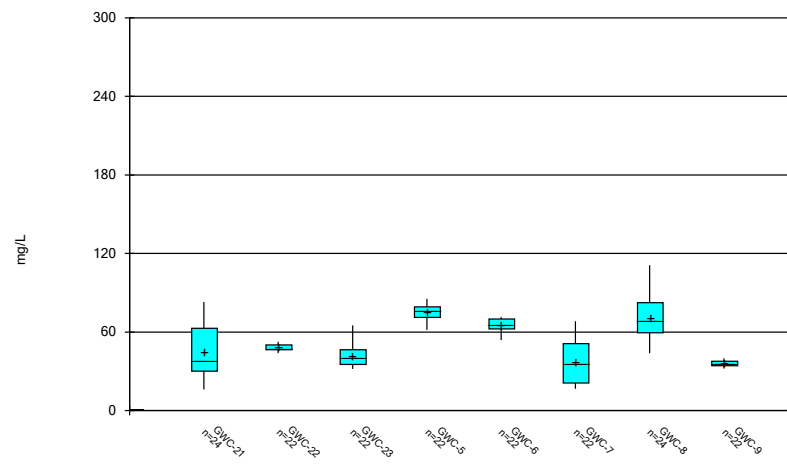
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Plant Hammond Data: Huffaker Road Landfill

Box & Whiskers Plot



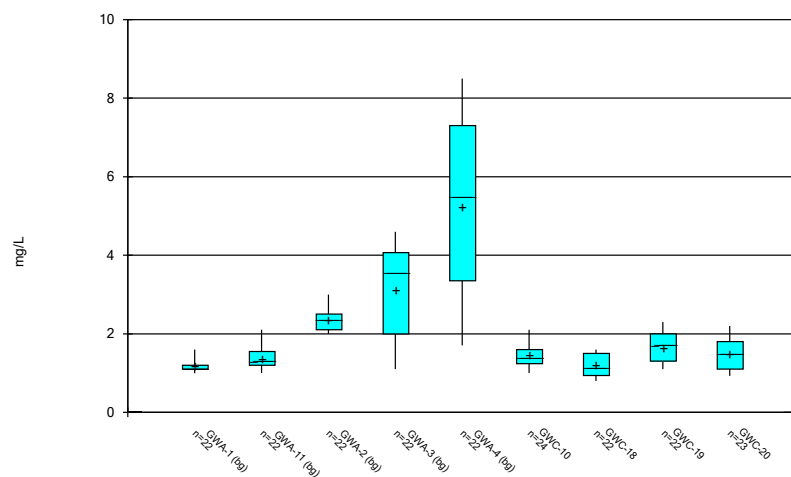
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Plant Hammond Data: Huffaker Road Landfill

Box & Whiskers Plot



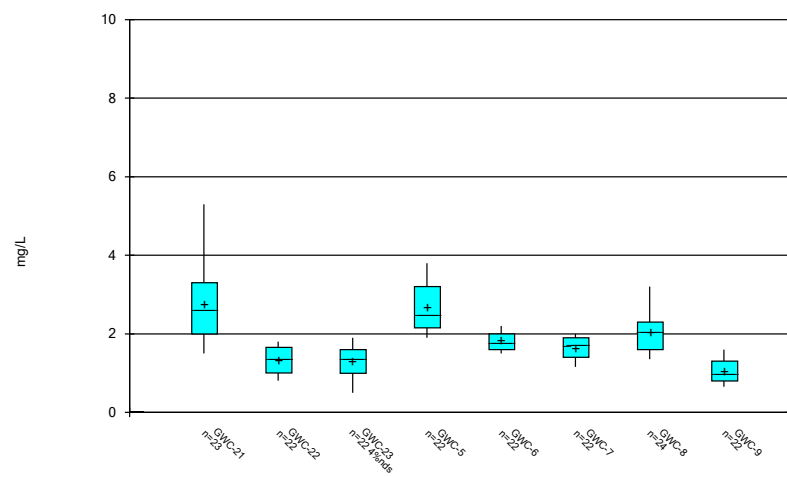
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Plant Hammond Data: Huffaker Road Landfill

Box & Whiskers Plot



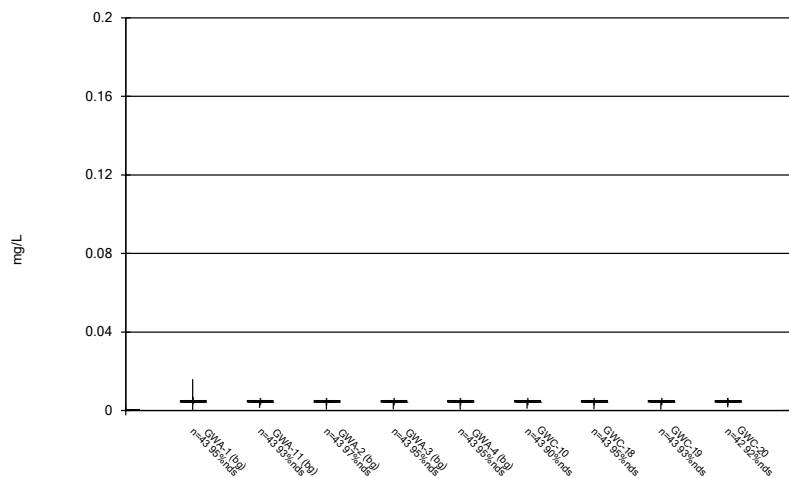
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Plant Hammond Data: Huffaker Road Landfill

Box & Whiskers Plot



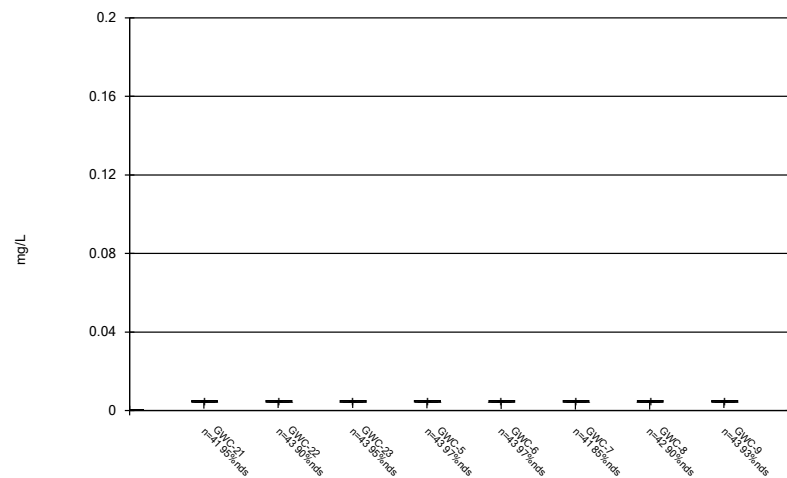
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Plant Hammond Data: Huffaker Road Landfill

Box & Whiskers Plot



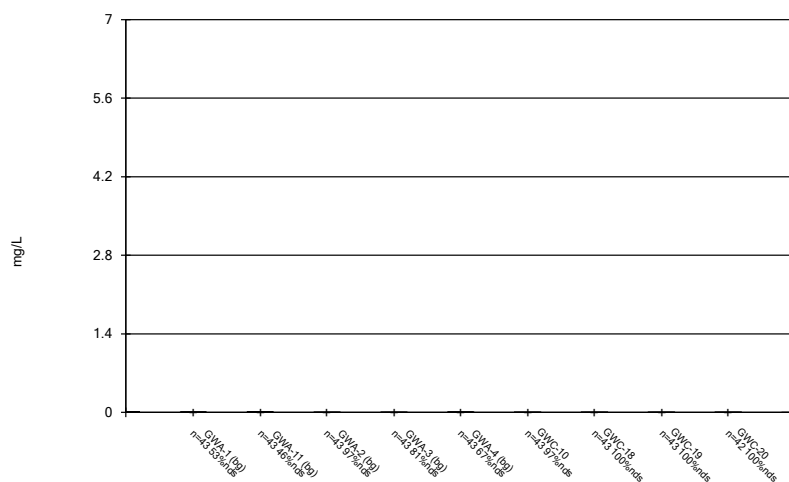
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Plant Hammond Data: Huffaker Road Landfill

Box & Whiskers Plot



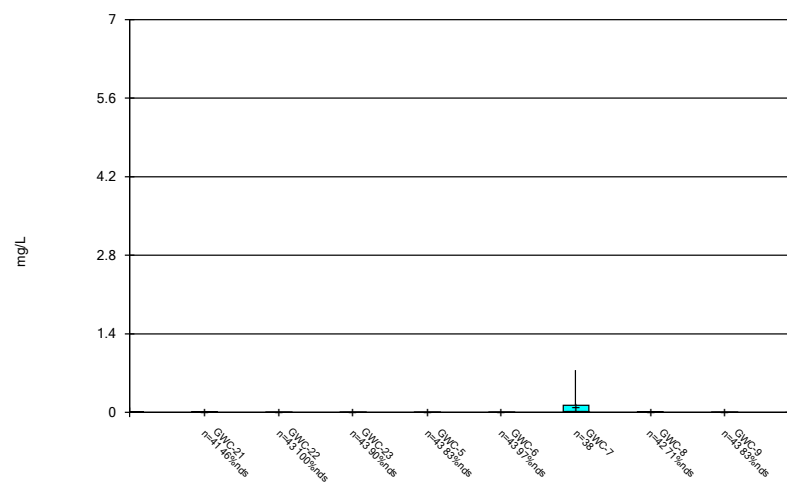
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Box & Whiskers Plot



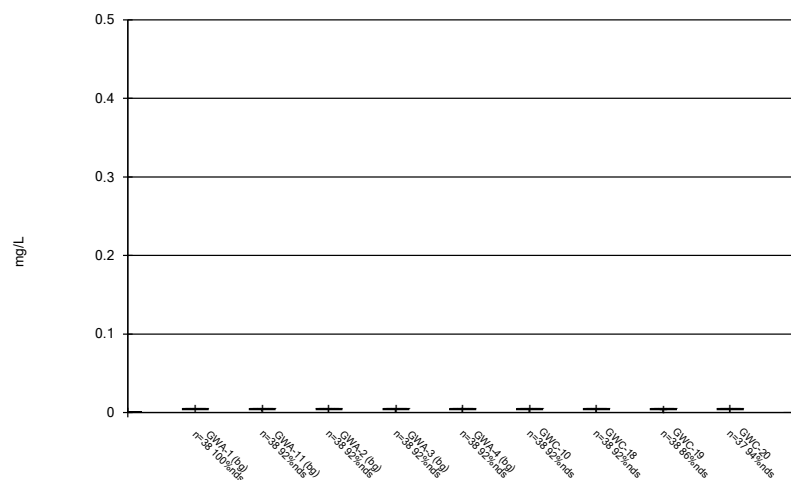
Constituent: Cobalt Analysis Run 4/29/2024 6:09 PM
Plant Hammond Data: Huffaker Road Landfill

Box & Whiskers Plot



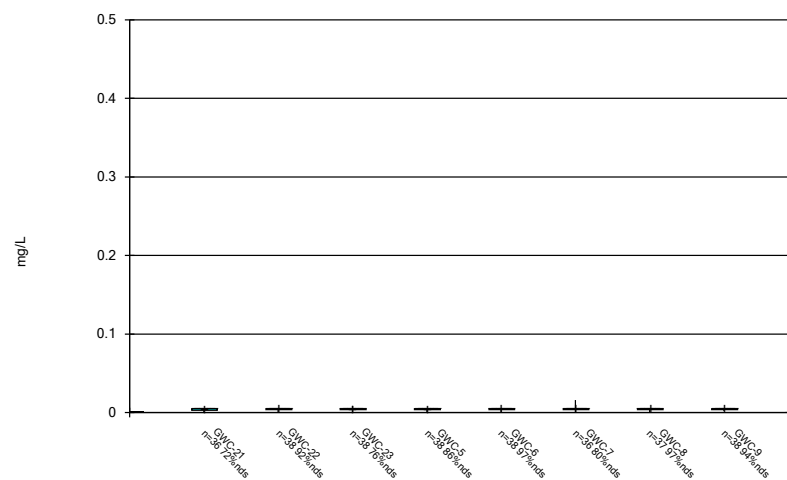
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Plant Hammond Data: Huffaker Road Landfill

Box & Whiskers Plot



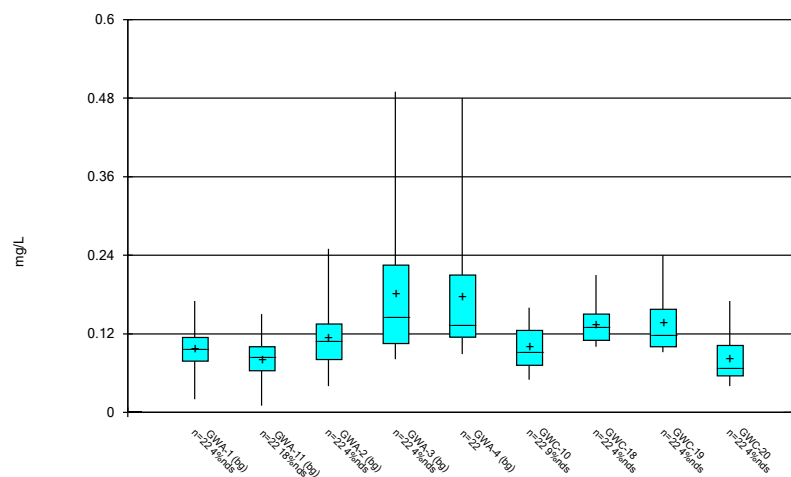
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Plant Hammond Data: Huffaker Road Landfill

Box & Whiskers Plot



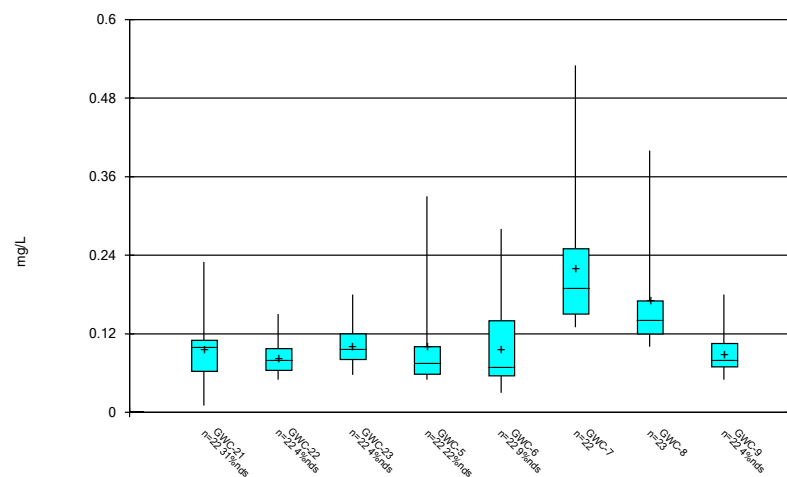
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Plant Hammond Data: Huffaker Road Landfill

Box & Whiskers Plot



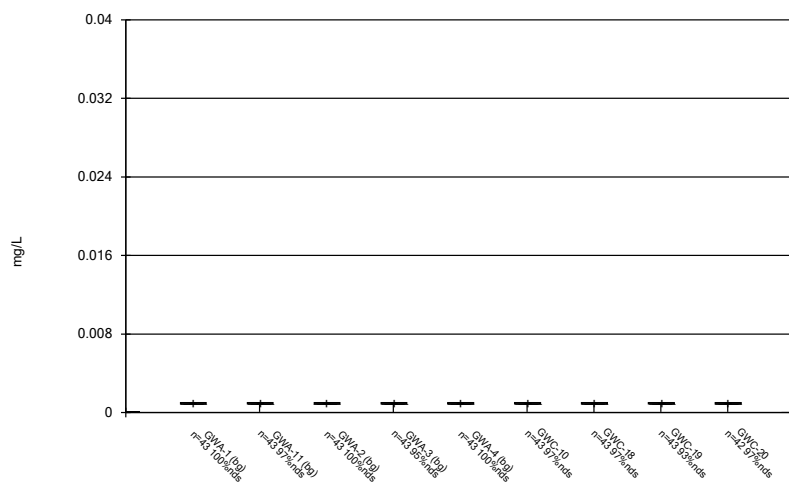
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Box & Whiskers Plot



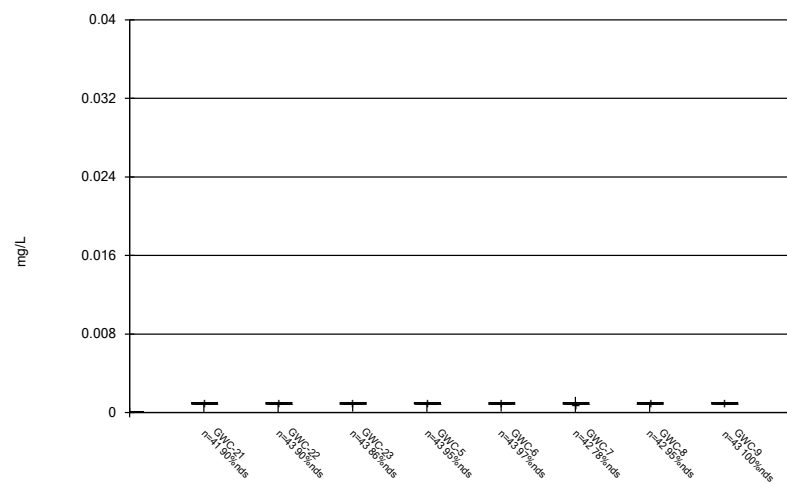
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Plant Hammond Data: Huffaker Road Landfill

Box & Whiskers Plot



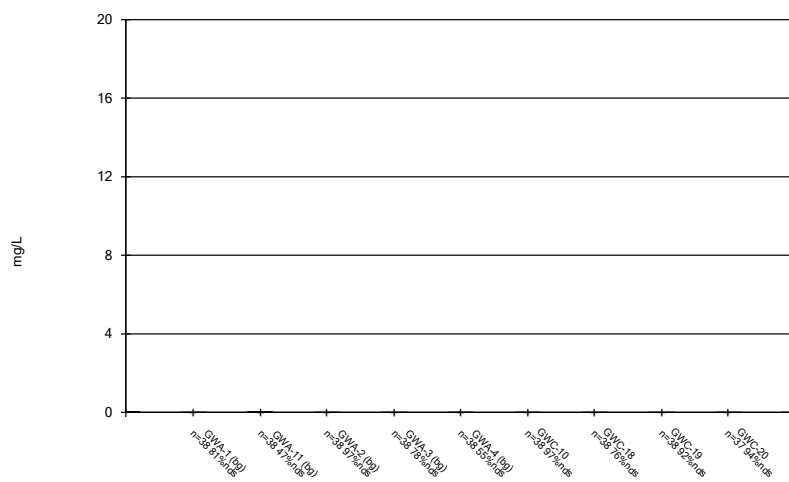
Constituent: Lead Analysis Run 4/29/2024 6:09 PM
Plant Hammond Data: Huffaker Road Landfill

Box & Whiskers Plot



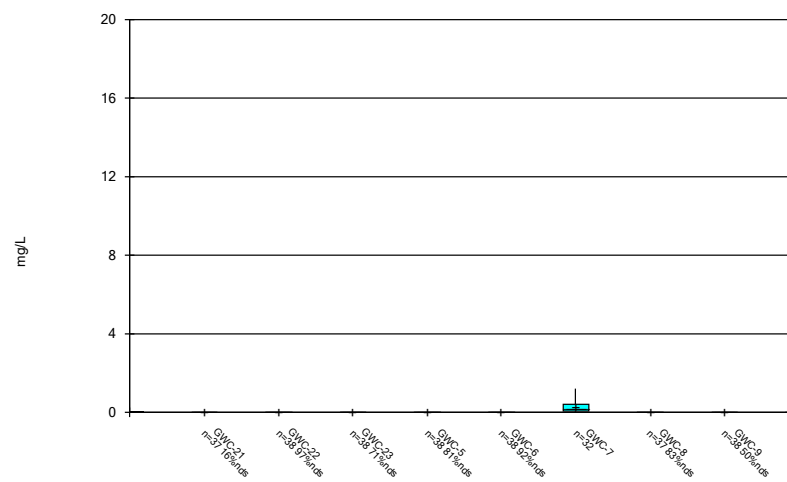
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Plant Hammond Data: Huffaker Road Landfill

Box & Whiskers Plot



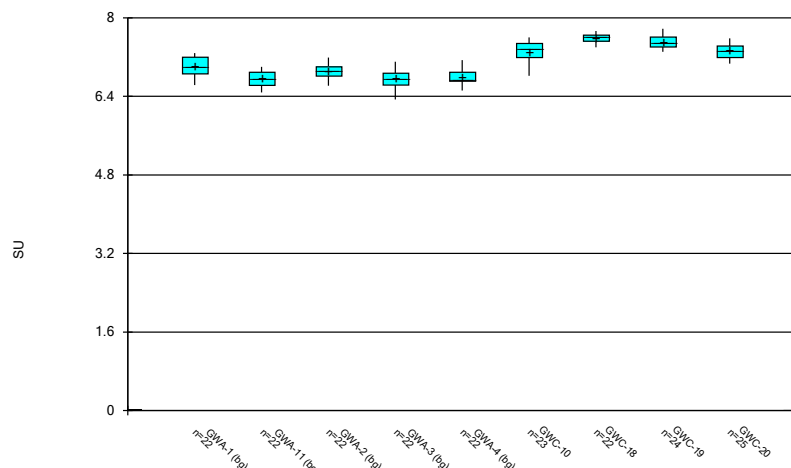
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Plant Hammond Data: Huffaker Road Landfill

Box & Whiskers Plot



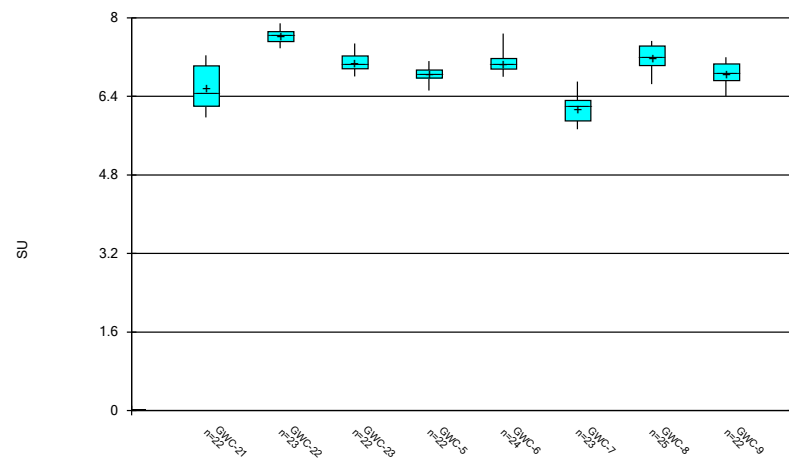
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Plant Hammond Data: Huffaker Road Landfill

Box & Whiskers Plot



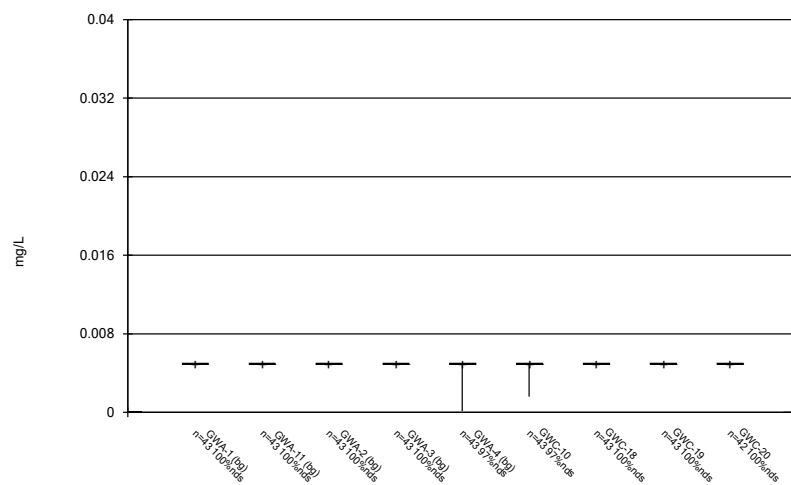
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Plant Hammond Data: Huffaker Road Landfill

Box & Whiskers Plot



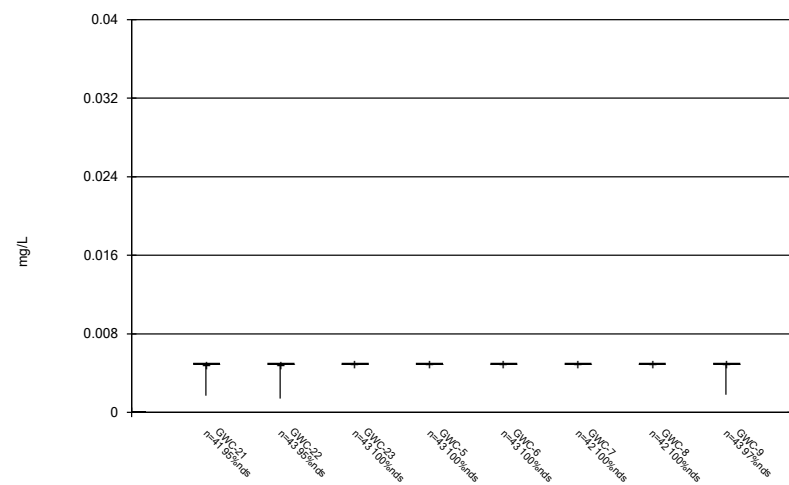
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Plant Hammond Data: Huffaker Road Landfill

Box & Whiskers Plot



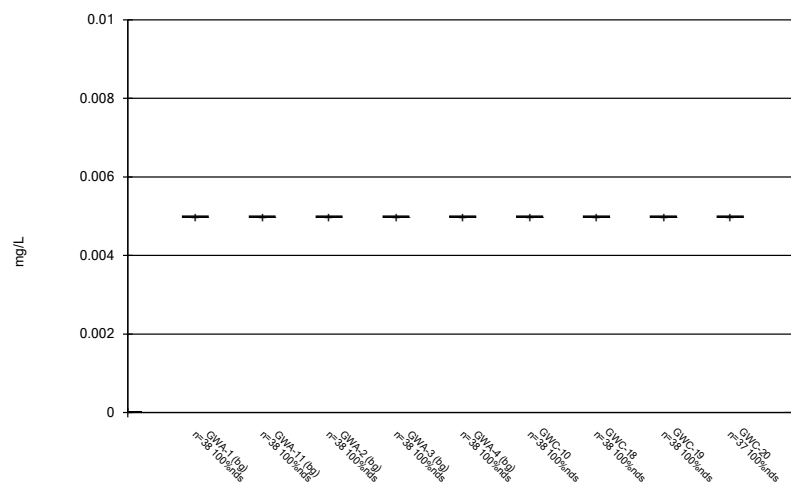
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Plant Hammond Data: Huffaker Road Landfill

Box & Whiskers Plot



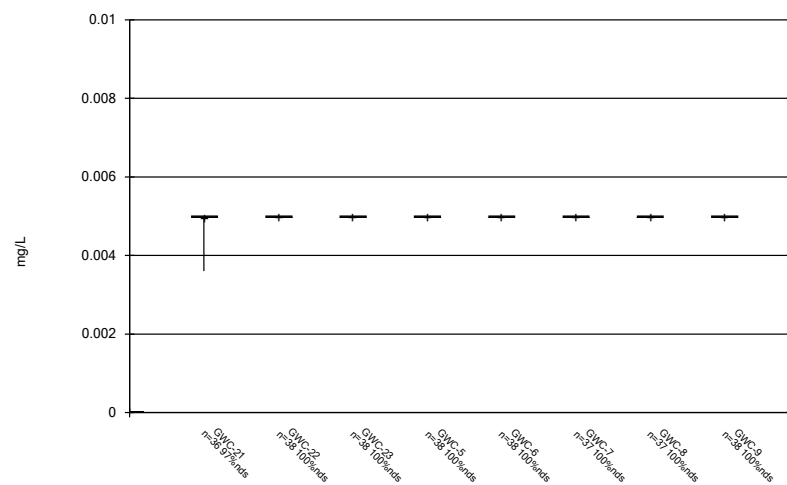
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Plant Hammond Data: Huffaker Road Landfill

Box & Whiskers Plot



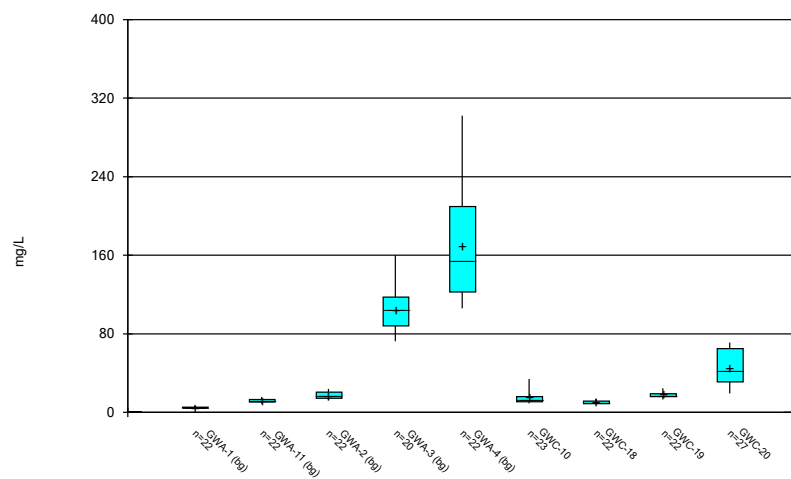
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Plant Hammond Data: Huffaker Road Landfill

Box & Whiskers Plot



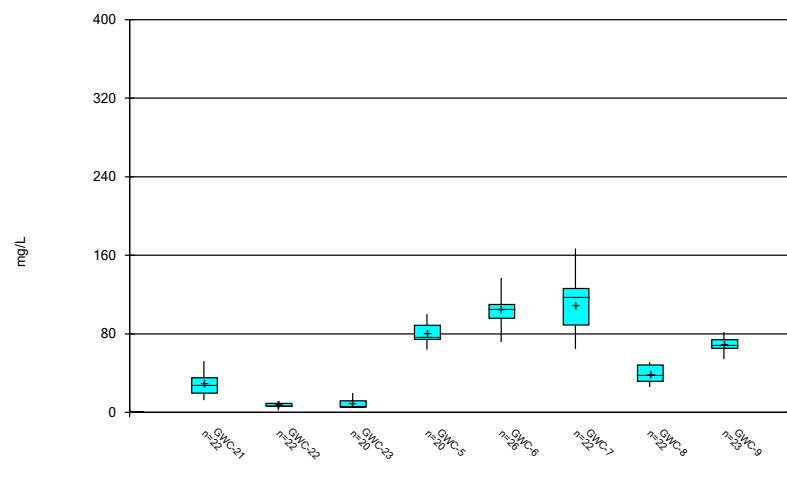
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Plant Hammond Data: Huffaker Road Landfill

Box & Whiskers Plot



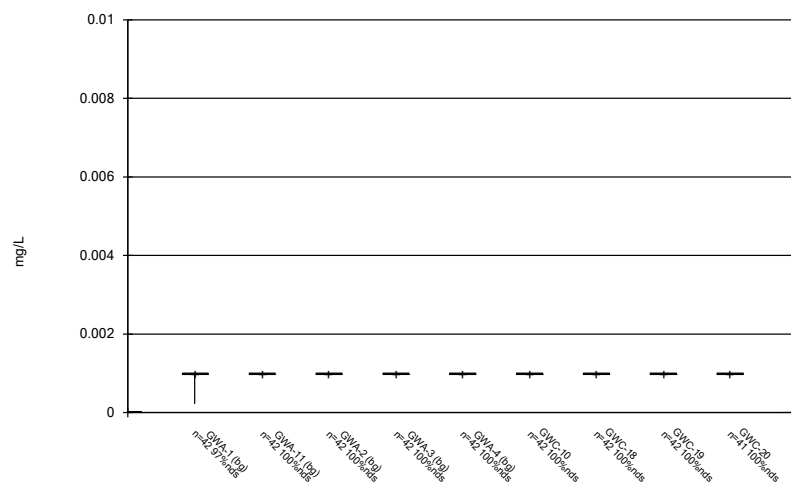
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Plant Hammond Data: Huffaker Road Landfill

Box & Whiskers Plot



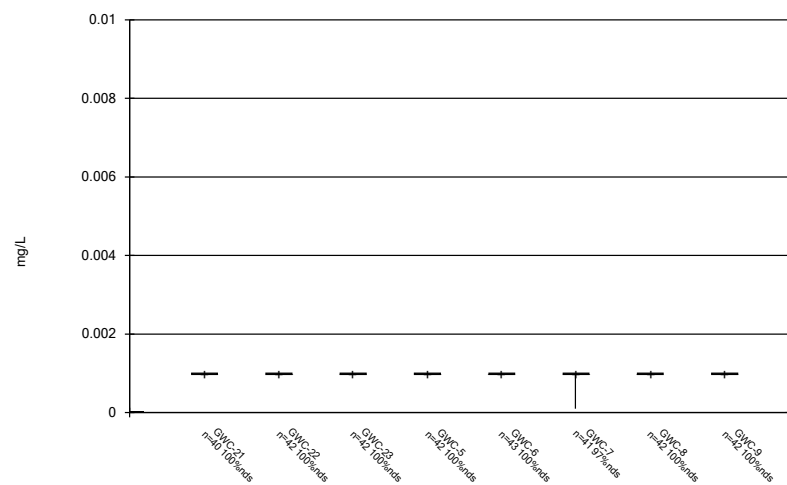
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Plant Hammond Data: Huffaker Road Landfill

Box & Whiskers Plot



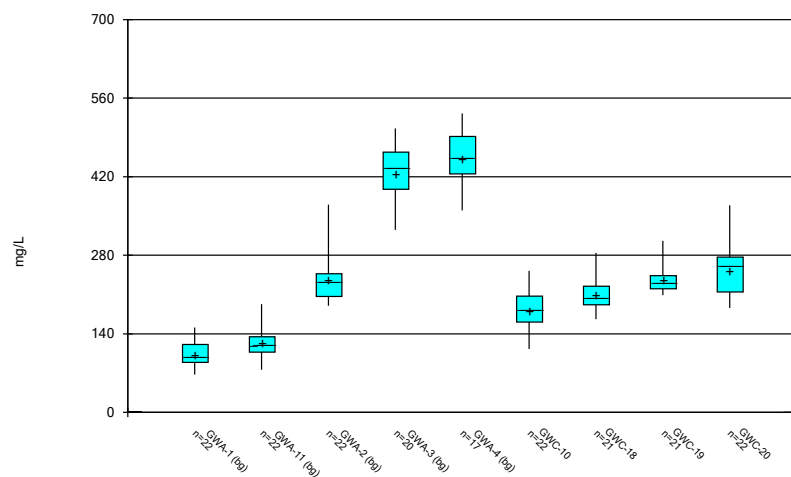
Constituent: Thallium Analysis Run 4/29/2024 6:09 PM
Plant Hammond Data: Huffaker Road Landfill

Box & Whiskers Plot



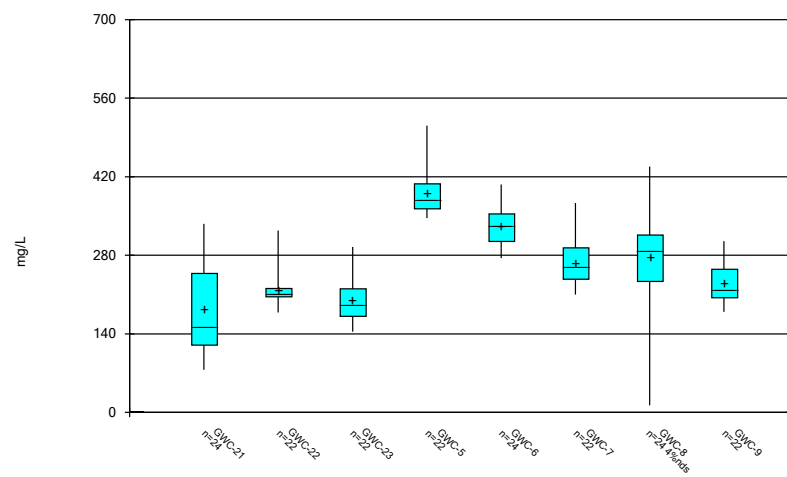
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Plant Hammond Data: Huffaker Road Landfill

Box & Whiskers Plot



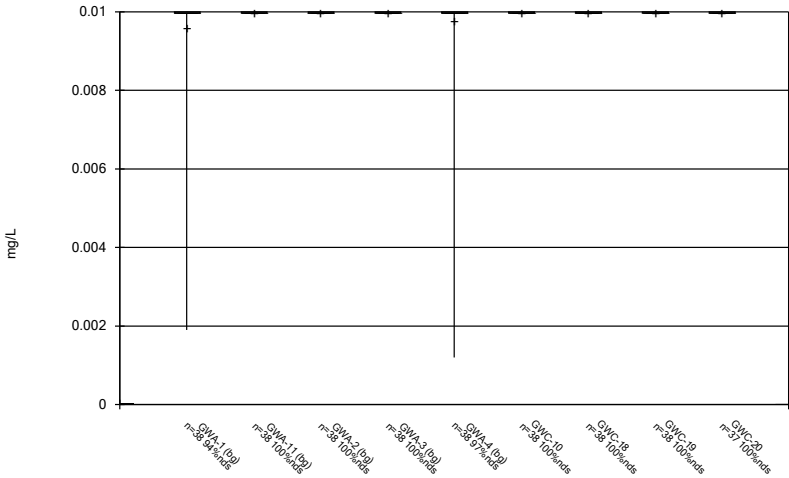
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Plant Hammond Data: Huffaker Road Landfill

Box & Whiskers Plot



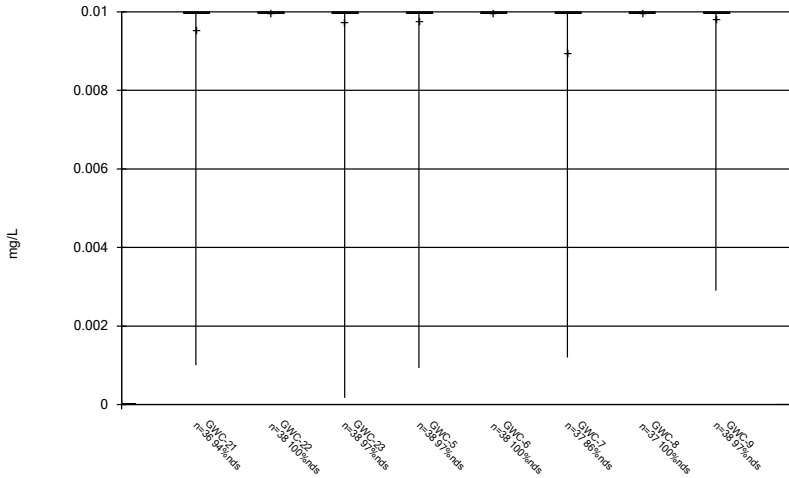
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Plant Hammond Data: Huffaker Road Landfill

Box & Whiskers Plot



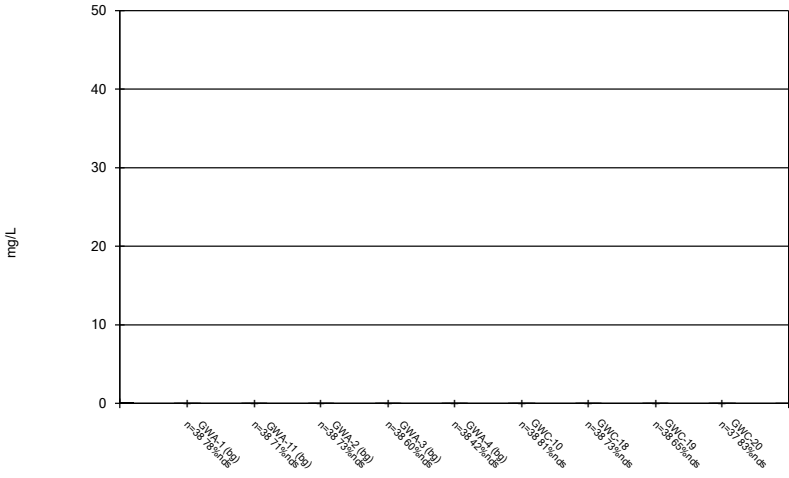
Constituent: Vanadium Analysis Run 4/29/2024 6:09 PM
Plant Hammond Data: Huffaker Road Landfill

Box & Whiskers Plot



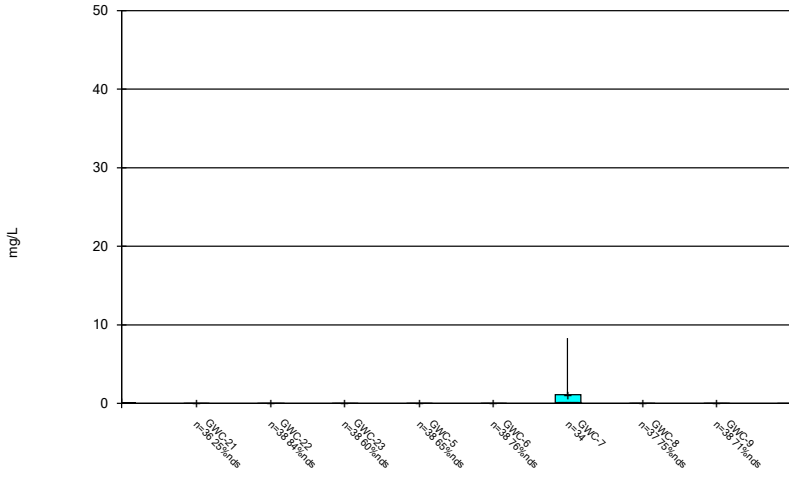
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Plant Hammond Data: Huffaker Road Landfill

Box & Whiskers Plot



Constituent: Zinc Analysis Run 4/29/2024 6:09 PM
Plant Hammond Data: Huffaker Road Landfill

Box & Whiskers Plot



Constituent: Zinc Analysis Run 4/29/2024 6:10 PM
Plant Hammond Data: Huffaker Road Landfill

FIGURE C.

Outlier Summary

Plant Hammond Data: Huffaker Road Landfill Printed 4/29/2024, 6:12 PM

[illegible]

Page 2

Plant Hammond Data: Huffaker Road Landfill Printed 4/29/2024, 6:12 PM

[illegible]

Tukey's Outlier Test - Significant Results

Plant Hammond Data: Huffaker Road Landfill Printed 2/29/2024, 4:11 PM

<u>Constituent</u>	<u>Well</u>	<u>Outlier</u>	<u>Value(s)</u>	<u>Method</u>	<u>Alpha</u>	<u>N</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>Distribution</u>	<u>Normality Test</u>
Arsenic (mg/L)	GWA-3 (bg)	Yes	0.00035,0.00048	NP	NaN	42	0.003994	0.001772	ln(x)	ShapiroWilk
Arsenic (mg/L)	GWC-7	Yes	0.038,0.002	NP	NaN	42	0.006468	0.005303	ln(x)	ShapiroWilk
Arsenic (mg/L)	GWC-8	Yes	0.0022,0.0005,0.0008,0.00064,0.0015,0.0015,0.0028	NP	NaN	41	0.00422	0.001491	sqrt(x)	ShapiroWilk
Boron (mg/L)	GWC-20	Yes	0.05	NP	NaN	21	0.01921	0.007777	ln(x)	ShapiroWilk
Boron (mg/L)	GWC-6	Yes	0.091	NP	NaN	23	0.04191	0.01106	ln(x)	ShapiroWilk
Boron (mg/L)	GWC-9	Yes	0.05	NP	NaN	21	0.01767	0.007885	ln(x)	ShapiroWilk
Calcium (mg/L)	GWC-8	Yes	264	NP	NaN	24	78.72	42.34	ln(x)	ShapiroWilk
Chloride (mg/L)	GWA-1 (bg)	Yes	1.6	NP	NaN	21	1.167	0.1596	ln(x)	ShapiroWilk
Chloride (mg/L)	GWC-7	Yes	9.2	NP	NaN	22	1.978	1.632	ln(x)	ShapiroWilk
Total Dissolved Solids (mg/L)	GWC-18	Yes	427	NP	NaN	21	216.5	54.42	ln(x)	ShapiroWilk
Total Dissolved Solids (mg/L)	GWC-19	Yes	393	NP	NaN	21	240.4	39.1	ln(x)	ShapiroWilk
Total Dissolved Solids (mg/L)	GWC-22	Yes	324	NP	NaN	21	217.4	30.08	ln(x)	ShapiroWilk
Zinc (mg/L)	GWC-6	Yes	0.0026,0.0026,0.00055,0.0024,0.0013	NP	NaN	37	0.008253	0.0032	x^(1/3)	ShapiroWilk
Zinc (mg/L)	GWC-8	Yes	0.0014,0.0016,0.0012	NP	NaN	36	0.008272	0.003127	sqrt(x)	ShapiroWilk

Tukey's Outlier Test - All Results

Plant Hammond Data: Huffaker Road Landfill Printed 2/29/2024, 4:11 PM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Antimony (mg/L)	GWA-1 (bg)	n/a	n/a	NP	NaN	42	0.002879	0.0005294	unknown	ShapiroWilk
Antimony (mg/L)	GWA-11 (bg)	n/a	n/a	NP	NaN	42	0.002876	0.0005608	unknown	ShapiroWilk
Antimony (mg/L)	GWA-2 (bg)	n/a	n/a	NP	NaN	41	0.0029	0.0004239	unknown	ShapiroWilk
Antimony (mg/L)	GWA-3 (bg)	n/a	n/a	NP	NaN	42	0.00295	0.000324	unknown	ShapiroWilk
Antimony (mg/L)	GWA-4 (bg)	n/a	n/a	NP	NaN	42	0.002902	0.0004646	unknown	ShapiroWilk
Antimony (mg/L)	GWC-10	n/a	n/a	NP	NaN	42	0.00294	0.0003858	unknown	ShapiroWilk
Antimony (mg/L)	GWC-18	n/a	n/a	NP	NaN	42	0.002932	0.0004124	unknown	ShapiroWilk
Antimony (mg/L)	GWC-19	n/a	n/a	NP	NaN	42	0.002936	0.0004166	unknown	ShapiroWilk
Antimony (mg/L)	GWC-20	n/a	n/a	NP	NaN	41	0.003	0	unknown	ShapiroWilk
Antimony (mg/L)	GWC-21	n/a	n/a	NP	NaN	40	0.003	0	unknown	ShapiroWilk
Antimony (mg/L)	GWC-22	n/a	n/a	NP	NaN	42	0.003	0	unknown	ShapiroWilk
Antimony (mg/L)	GWC-23	n/a	n/a	NP	NaN	42	0.003	0	unknown	ShapiroWilk
Antimony (mg/L)	GWC-5	n/a	n/a	NP	NaN	42	0.002879	0.0005476	unknown	ShapiroWilk
Antimony (mg/L)	GWC-6	n/a	n/a	NP	NaN	42	0.00294	0.0003858	unknown	ShapiroWilk
Antimony (mg/L)	GWC-7	n/a	n/a	NP	NaN	41	0.002905	0.0004289	unknown	ShapiroWilk
Antimony (mg/L)	GWC-8	n/a	n/a	NP	NaN	41	0.002988	0.0007177	unknown	ShapiroWilk
Antimony (mg/L)	GWC-9	n/a	n/a	NP	NaN	42	0.002899	0.0004624	unknown	ShapiroWilk
Arsenic (mg/L)	GWA-1 (bg)	n/a	n/a	NP	NaN	42	0.005	0	unknown	ShapiroWilk
Arsenic (mg/L)	GWA-11 (bg)	n/a	n/a	NP	NaN	42	0.004884	0.000753	unknown	ShapiroWilk
Arsenic (mg/L)	GWA-2 (bg)	n/a	n/a	NP	NaN	42	0.005	0	unknown	ShapiroWilk
Arsenic (mg/L)	GWA-3 (bg)	Yes	0.00035,0.00048	NP	NaN	42	0.003994	0.001772	ln(x)	ShapiroWilk
Arsenic (mg/L)	GWA-4 (bg)	n/a	n/a	NP	NaN	42	0.004623	0.001327	unknown	ShapiroWilk
Arsenic (mg/L)	GWC-10	n/a	n/a	NP	NaN	42	0.005	0	unknown	ShapiroWilk
Arsenic (mg/L)	GWC-18	n/a	n/a	NP	NaN	42	0.004687	0.001142	unknown	ShapiroWilk
Arsenic (mg/L)	GWC-19	n/a	n/a	NP	NaN	42	0.005	0	unknown	ShapiroWilk
Arsenic (mg/L)	GWC-20	n/a	n/a	NP	NaN	41	0.005	0	unknown	ShapiroWilk
Arsenic (mg/L)	GWC-21	n/a	n/a	NP	NaN	40	0.004404	0.001369	unknown	ShapiroWilk
Arsenic (mg/L)	GWC-22	n/a	n/a	NP	NaN	42	0.005	0	unknown	ShapiroWilk
Arsenic (mg/L)	GWC-23	n/a	n/a	NP	NaN	42	0.00479	0.0009542	unknown	ShapiroWilk
Arsenic (mg/L)	GWC-5	n/a	n/a	NP	NaN	42	0.004817	0.0008387	unknown	ShapiroWilk
Arsenic (mg/L)	GWC-6	n/a	n/a	NP	NaN	42	0.005	0	unknown	ShapiroWilk
Arsenic (mg/L)	GWC-7	Yes	0.038,0.002	NP	NaN	42	0.006468	0.005303	ln(x)	ShapiroWilk
Arsenic (mg/L)	GWC-8	Yes	0.0022,0.0005,0.0008,0.00064,0.0015,0.0015,0.0028	NP	NaN	41	0.00422	0.001491	sqrt(x)	ShapiroWilk
Arsenic (mg/L)	GWC-9	n/a	n/a	NP	NaN	42	0.004898	0.000662	unknown	ShapiroWilk
Barium (mg/L)	GWA-1 (bg)	No	n/a	NP	NaN	42	0.03893	0.004587	x^2	ShapiroWilk
Barium (mg/L)	GWA-11 (bg)	No	n/a	NP	NaN	42	0.03274	0.003356	ln(x)	ShapiroWilk
Barium (mg/L)	GWA-2 (bg)	No	n/a	NP	NaN	42	0.1591	0.02369	x^3	ShapiroWilk
Barium (mg/L)	GWA-3 (bg)	No	n/a	NP	NaN	42	0.1579	0.03471	x^2	ShapiroWilk
Barium (mg/L)	GWA-4 (bg)	No	n/a	NP	NaN	42	0.06172	0.03276	ln(x)	ShapiroWilk
Barium (mg/L)	GWC-10	No	n/a	NP	NaN	45	0.1287	0.03134	normal	ShapiroWilk
Barium (mg/L)	GWC-18	No	n/a	NP	NaN	42	0.07482	0.007187	x^2	ShapiroWilk
Barium (mg/L)	GWC-19	No	n/a	NP	NaN	42	0.1249	0.03431	x^6	ShapiroWilk
Barium (mg/L)	GWC-20	No	n/a	NP	NaN	42	0.1206	0.01669	normal	ShapiroWilk
Barium (mg/L)	GWC-21	No	n/a	NP	NaN	40	0.0788	0.04965	ln(x)	ShapiroWilk
Barium (mg/L)	GWC-22	No	n/a	NP	NaN	42	0.08513	0.0201	x^3	ShapiroWilk
Barium (mg/L)	GWC-23	No	n/a	NP	NaN	42	0.0671	0.01295	ln(x)	ShapiroWilk
Barium (mg/L)	GWC-5	No	n/a	NP	NaN	42	0.09442	0.0169	x^2	ShapiroWilk
Barium (mg/L)	GWC-6	No	n/a	NP	NaN	42	0.1318	0.03877	x^2	ShapiroWilk
Barium (mg/L)	GWC-7	No	n/a	NP	NaN	41	0.09741	0.09877	x^(1/3)	ShapiroWilk
Barium (mg/L)	GWC-8	No	n/a	NP	NaN	42	0.1129	0.0283	ln(x)	ShapiroWilk
Barium (mg/L)	GWC-9	No	n/a	NP	NaN	42	0.05951	0.006962	x^4	ShapiroWilk
Beryllium (mg/L)	GWA-1 (bg)	n/a	n/a	NP	NaN	42	0.0005	0	unknown	ShapiroWilk
Beryllium (mg/L)	GWA-11 (bg)	n/a	n/a	NP	NaN	42	0.0005	0	unknown	ShapiroWilk
Beryllium (mg/L)	GWA-2 (bg)	n/a	n/a	NP	NaN	42	0.0005	0	unknown	ShapiroWilk
Beryllium (mg/L)	GWA-3 (bg)	n/a	n/a	NP	NaN	42	0.00049	0.00006481	unknown	ShapiroWilk
Beryllium (mg/L)	GWA-4 (bg)	n/a	n/a	NP	NaN	42	0.0005	0	unknown	ShapiroWilk
Beryllium (mg/L)	GWC-10	n/a	n/a	NP	NaN	42	0.0005	0	unknown	ShapiroWilk
Beryllium (mg/L)	GWC-18	n/a	n/a	NP	NaN	42	0.0005	0	unknown	ShapiroWilk
Beryllium (mg/L)	GWC-19	n/a	n/a	NP	NaN	42	0.0004905	0.00006172	unknown	ShapiroWilk
Beryllium (mg/L)	GWC-20	n/a	n/a	NP	NaN	41	0.0005	0	unknown	ShapiroWilk
Beryllium (mg/L)	GWC-21	n/a	n/a	NP	NaN	40	0.0005	0	unknown	ShapiroWilk
Beryllium (mg/L)	GWC-22	n/a	n/a	NP	NaN	42	0.0005	0	unknown	ShapiroWilk
Beryllium (mg/L)	GWC-23	n/a	n/a	NP	NaN	42	0.0005	0	unknown	ShapiroWilk
Beryllium (mg/L)	GWC-5	n/a	n/a	NP	NaN	42	0.0005	0	unknown	ShapiroWilk
Beryllium (mg/L)	GWC-6	n/a	n/a	NP	NaN	42	0.0005	0	unknown	ShapiroWilk
Beryllium (mg/L)	GWC-7	No	n/a	NP	NaN	41	0.0129	0.04615	ln(x)	ShapiroWilk
Beryllium (mg/L)	GWC-8	n/a	n/a	NP	NaN	41	0.0005	0	unknown	ShapiroWilk
Beryllium (mg/L)	GWC-9	n/a	n/a	NP	NaN	42	0.0005	0	unknown	ShapiroWilk

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Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Boron (mg/L)	GWA-1 (bg)	No	n/a	NP	NaN	21	0.0271	0.01207	ln(x)	ShapiroWilk
Boron (mg/L)	GWA-11 (bg)	No	n/a	NP	NaN	21	0.03647	0.002646	ln(x)	ShapiroWilk
Boron (mg/L)	GWA-2 (bg)	No	n/a	NP	NaN	21	0.08654	0.006575	x^3	ShapiroWilk
Boron (mg/L)	GWA-3 (bg)	No	n/a	NP	NaN	21	0.1429	0.02156	x^3	ShapiroWilk
Boron (mg/L)	GWA-4 (bg)	No	n/a	NP	NaN	21	0.08657	0.02019	x^2	ShapiroWilk
Boron (mg/L)	GWC-10	No	n/a	NP	NaN	21	0.03408	0.003737	x^2	ShapiroWilk
Boron (mg/L)	GWC-18	No	n/a	NP	NaN	21	0.129	0.008992	ln(x)	ShapiroWilk
Boron (mg/L)	GWC-19	No	n/a	NP	NaN	21	0.1683	0.01739	x^3	ShapiroWilk
Boron (mg/L)	GWC-20	Yes	0.05	NP	NaN	21	0.01921	0.007777	ln(x)	ShapiroWilk
Boron (mg/L)	GWC-21	No	n/a	NP	NaN	21	0.03797	0.02728	ln(x)	ShapiroWilk
Boron (mg/L)	GWC-22	No	n/a	NP	NaN	21	0.06582	0.006291	normal	ShapiroWilk
Boron (mg/L)	GWC-23	No	n/a	NP	NaN	21	0.03895	0.02602	ln(x)	ShapiroWilk
Boron (mg/L)	GWC-5	No	n/a	NP	NaN	21	0.05775	0.009887	sqrt(x)	ShapiroWilk
Boron (mg/L)	GWC-6	Yes	0.091	NP	NaN	23	0.04191	0.01106	ln(x)	ShapiroWilk
Boron (mg/L)	GWC-7	No	n/a	NP	NaN	21	0.05036	0.01072	x^2	ShapiroWilk
Boron (mg/L)	GWC-8	No	n/a	NP	NaN	22	0.0404	0.01971	ln(x)	ShapiroWilk
Boron (mg/L)	GWC-9	Yes	0.05	NP	NaN	21	0.01767	0.007885	ln(x)	ShapiroWilk
Cadmium (mg/L)	GWA-1 (bg)	n/a	n/a	NP	NaN	42	0.0005	0	unknown	ShapiroWilk
Cadmium (mg/L)	GWA-11 (bg)	n/a	n/a	NP	NaN	42	0.0005	0	unknown	ShapiroWilk
Cadmium (mg/L)	GWA-2 (bg)	n/a	n/a	NP	NaN	42	0.0005	0	unknown	ShapiroWilk
Cadmium (mg/L)	GWA-3 (bg)	n/a	n/a	NP	NaN	42	0.0005	0	unknown	ShapiroWilk
Cadmium (mg/L)	GWA-4 (bg)	n/a	n/a	NP	NaN	42	0.0004905	0.00006172	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-10	n/a	n/a	NP	NaN	42	0.0004902	0.00006326	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-18	n/a	n/a	NP	NaN	42	0.00049	0.00006481	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-19	n/a	n/a	NP	NaN	42	0.0005	0	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-20	n/a	n/a	NP	NaN	41	0.0004905	0.00006091	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-21	n/a	n/a	NP	NaN	40	0.00048	0.00008829	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-22	n/a	n/a	NP	NaN	42	0.0005	0	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-23	n/a	n/a	NP	NaN	42	0.00049	0.00006481	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-5	n/a	n/a	NP	NaN	42	0.0005238	0.0001543	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-6	n/a	n/a	NP	NaN	42	0.0005	0	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-7	n/a	n/a	NP	NaN	41	0.001398	0.003698	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-8	n/a	n/a	NP	NaN	41	0.0004898	0.00006559	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-9	n/a	n/a	NP	NaN	42	0.000485	0.00007175	unknown	ShapiroWilk
Calcium (mg/L)	GWA-1 (bg)	No	n/a	NP	NaN	21	16.38	1.811	x^2	ShapiroWilk
Calcium (mg/L)	GWA-11 (bg)	No	n/a	NP	NaN	21	20.45	2.465	x^5	ShapiroWilk
Calcium (mg/L)	GWA-2 (bg)	No	n/a	NP	NaN	21	44.83	5.409	ln(x)	ShapiroWilk
Calcium (mg/L)	GWA-3 (bg)	No	n/a	NP	NaN	21	72.29	9.235	x^6	ShapiroWilk
Calcium (mg/L)	GWA-4 (bg)	No	n/a	NP	NaN	21	84.71	14.64	ln(x)	ShapiroWilk
Calcium (mg/L)	GWC-10	No	n/a	NP	NaN	23	41.64	7.848	x^2	ShapiroWilk
Calcium (mg/L)	GWC-18	No	n/a	NP	NaN	22	41.76	4.483	ln(x)	ShapiroWilk
Calcium (mg/L)	GWC-19	No	n/a	NP	NaN	22	44.83	2.934	ln(x)	ShapiroWilk
Calcium (mg/L)	GWC-20	No	n/a	NP	NaN	22	56.93	6.529	sqrt(x)	ShapiroWilk
Calcium (mg/L)	GWC-21	No	n/a	NP	NaN	23	45.38	19.37	ln(x)	ShapiroWilk
Calcium (mg/L)	GWC-22	No	n/a	NP	NaN	21	48.05	2.361	ln(x)	ShapiroWilk
Calcium (mg/L)	GWC-23	No	n/a	NP	NaN	21	41.36	8.648	ln(x)	ShapiroWilk
Calcium (mg/L)	GWC-5	No	n/a	NP	NaN	21	75.57	6.12	x^2	ShapiroWilk
Calcium (mg/L)	GWC-6	No	n/a	NP	NaN	21	64.92	4.805	x^3	ShapiroWilk
Calcium (mg/L)	GWC-7	No	n/a	NP	NaN	21	38.43	15.75	sqrt(x)	ShapiroWilk
Calcium (mg/L)	GWC-8	Yes	264	NP	NaN	24	78.72	42.34	ln(x)	ShapiroWilk
Calcium (mg/L)	GWC-9	No	n/a	NP	NaN	21	35.82	2.008	sqrt(x)	ShapiroWilk
Chloride (mg/L)	GWA-1 (bg)	Yes	1.6	NP	NaN	21	1.167	0.1596	ln(x)	ShapiroWilk
Chloride (mg/L)	GWA-11 (bg)	No	n/a	NP	NaN	21	1.381	0.2581	ln(x)	ShapiroWilk
Chloride (mg/L)	GWA-2 (bg)	No	n/a	NP	NaN	21	2.352	0.2582	ln(x)	ShapiroWilk
Chloride (mg/L)	GWA-3 (bg)	No	n/a	NP	NaN	21	3.197	1.105	x^3	ShapiroWilk
Chloride (mg/L)	GWA-4 (bg)	No	n/a	NP	NaN	21	5.299	2.059	normal	ShapiroWilk
Chloride (mg/L)	GWC-10	No	n/a	NP	NaN	23	1.462	0.3036	ln(x)	ShapiroWilk
Chloride (mg/L)	GWC-18	No	n/a	NP	NaN	21	1.213	0.2777	ln(x)	ShapiroWilk
Chloride (mg/L)	GWC-19	No	n/a	NP	NaN	21	1.666	0.3892	x^2	ShapiroWilk
Chloride (mg/L)	GWC-20	No	n/a	NP	NaN	23	1.662	0.9081	ln(x)	ShapiroWilk
Chloride (mg/L)	GWC-21	No	n/a	NP	NaN	22	2.662	0.886	ln(x)	ShapiroWilk
Chloride (mg/L)	GWC-22	No	n/a	NP	NaN	21	1.341	0.3139	normal	ShapiroWilk
Chloride (mg/L)	GWC-23	No	n/a	NP	NaN	21	1.302	0.3984	x^2	ShapiroWilk
Chloride (mg/L)	GWC-5	No	n/a	NP	NaN	21	2.689	0.586	ln(x)	ShapiroWilk
Chloride (mg/L)	GWC-6	No	n/a	NP	NaN	21	1.83	0.234	ln(x)	ShapiroWilk
Chloride (mg/L)	GWC-7	Yes	9.2	NP	NaN	22	1.978	1.632	ln(x)	ShapiroWilk
Chloride (mg/L)	GWC-8	No	n/a	NP	NaN	23	2.05	0.554	ln(x)	ShapiroWilk
Chloride (mg/L)	GWC-9	No	n/a	NP	NaN	21	1.04	0.2817	ln(x)	ShapiroWilk

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Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Chromium (mg/L)	GWA-1 (bg)	n/a	n/a	NP	NaN	42	0.00515	0.001861	unknown	ShapiroWilk
Chromium (mg/L)	GWA-11 (bg)	n/a	n/a	NP	NaN	42	0.004774	0.0008343	unknown	ShapiroWilk
Chromium (mg/L)	GWA-2 (bg)	n/a	n/a	NP	NaN	42	0.004891	0.0007052	unknown	ShapiroWilk
Chromium (mg/L)	GWA-3 (bg)	n/a	n/a	NP	NaN	42	0.00481	0.0008643	unknown	ShapiroWilk
Chromium (mg/L)	GWA-4 (bg)	n/a	n/a	NP	NaN	42	0.004802	0.0009	unknown	ShapiroWilk
Chromium (mg/L)	GWC-10	n/a	n/a	NP	NaN	42	0.004715	0.0009767	unknown	ShapiroWilk
Chromium (mg/L)	GWC-18	n/a	n/a	NP	NaN	42	0.004799	0.0009087	unknown	ShapiroWilk
Chromium (mg/L)	GWC-19	n/a	n/a	NP	NaN	42	0.004696	0.001111	unknown	ShapiroWilk
Chromium (mg/L)	GWC-20	n/a	n/a	NP	NaN	41	0.004868	0.0007805	unknown	ShapiroWilk
Chromium (mg/L)	GWC-21	n/a	n/a	NP	NaN	40	0.004811	0.0008379	unknown	ShapiroWilk
Chromium (mg/L)	GWC-22	n/a	n/a	NP	NaN	42	0.004693	0.0009661	unknown	ShapiroWilk
Chromium (mg/L)	GWC-23	n/a	n/a	NP	NaN	42	0.004914	0.0005715	unknown	ShapiroWilk
Chromium (mg/L)	GWC-5	n/a	n/a	NP	NaN	42	0.00491	0.0005864	unknown	ShapiroWilk
Chromium (mg/L)	GWC-6	n/a	n/a	NP	NaN	42	0.004901	0.0006404	unknown	ShapiroWilk
Chromium (mg/L)	GWC-7	n/a	n/a	NP	NaN	41	0.007112	0.01651	unknown	ShapiroWilk
Chromium (mg/L)	GWC-8	n/a	n/a	NP	NaN	41	0.004663	0.001107	unknown	ShapiroWilk
Chromium (mg/L)	GWC-9	n/a	n/a	NP	NaN	42	0.004764	0.0008706	unknown	ShapiroWilk
Cobalt (mg/L)	GWA-1 (bg)	No	n/a	NP	NaN	42	0.002974	0.002257	ln(x)	ShapiroWilk
Cobalt (mg/L)	GWA-11 (bg)	No	n/a	NP	NaN	42	0.005134	0.004699	ln(x)	ShapiroWilk
Cobalt (mg/L)	GWA-2 (bg)	n/a	n/a	NP	NaN	42	0.004882	0.0007621	unknown	ShapiroWilk
Cobalt (mg/L)	GWA-3 (bg)	n/a	n/a	NP	NaN	42	0.004274	0.00165	unknown	ShapiroWilk
Cobalt (mg/L)	GWA-4 (bg)	No	n/a	NP	NaN	42	0.003749	0.001835	ln(x)	ShapiroWilk
Cobalt (mg/L)	GWC-10	n/a	n/a	NP	NaN	42	0.0049	0.000645	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-18	n/a	n/a	NP	NaN	42	0.005	0	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-19	n/a	n/a	NP	NaN	42	0.005	0	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-20	n/a	n/a	NP	NaN	41	0.005	0	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-21	No	n/a	NP	NaN	40	0.005828	0.004193	ln(x)	ShapiroWilk
Cobalt (mg/L)	GWC-22	n/a	n/a	NP	NaN	42	0.005	0	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-23	n/a	n/a	NP	NaN	42	0.004565	0.001358	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-5	n/a	n/a	NP	NaN	42	0.004375	0.001551	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-6	n/a	n/a	NP	NaN	42	0.004886	0.0007376	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-7	No	n/a	NP	NaN	41	0.3601	1.069	ln(x)	ShapiroWilk
Cobalt (mg/L)	GWC-8	No	n/a	NP	NaN	41	0.007691	0.003893	ln(x)	ShapiroWilk
Cobalt (mg/L)	GWC-9	n/a	n/a	NP	NaN	42	0.004349	0.001614	unknown	ShapiroWilk
Copper (mg/L)	GWA-1 (bg)	n/a	n/a	NP	NaN	37	0.005	0	unknown	ShapiroWilk
Copper (mg/L)	GWA-11 (bg)	n/a	n/a	NP	NaN	37	0.004814	0.0006993	unknown	ShapiroWilk
Copper (mg/L)	GWA-2 (bg)	n/a	n/a	NP	NaN	37	0.004719	0.001023	unknown	ShapiroWilk
Copper (mg/L)	GWA-3 (bg)	n/a	n/a	NP	NaN	37	0.004782	0.0008682	unknown	ShapiroWilk
Copper (mg/L)	GWA-4 (bg)	n/a	n/a	NP	NaN	37	0.004952	0.0008138	unknown	ShapiroWilk
Copper (mg/L)	GWC-10	n/a	n/a	NP	NaN	37	0.00473	0.0009675	unknown	ShapiroWilk
Copper (mg/L)	GWC-18	n/a	n/a	NP	NaN	37	0.00471	0.001038	unknown	ShapiroWilk
Copper (mg/L)	GWC-19	n/a	n/a	NP	NaN	37	0.004486	0.001394	unknown	ShapiroWilk
Copper (mg/L)	GWC-20	n/a	n/a	NP	NaN	36	0.004806	0.0008659	unknown	ShapiroWilk
Copper (mg/L)	GWC-21	No	n/a	NP	NaN	35	0.004045	0.001701	x^(1/3)	ShapiroWilk
Copper (mg/L)	GWC-22	n/a	n/a	NP	NaN	37	0.004698	0.001112	unknown	ShapiroWilk
Copper (mg/L)	GWC-23	n/a	n/a	NP	NaN	37	0.004194	0.001876	unknown	ShapiroWilk
Copper (mg/L)	GWC-5	n/a	n/a	NP	NaN	37	0.004578	0.001197	unknown	ShapiroWilk
Copper (mg/L)	GWC-6	n/a	n/a	NP	NaN	37	0.004871	0.0007842	unknown	ShapiroWilk
Copper (mg/L)	GWC-7	n/a	n/a	NP	NaN	36	0.01695	0.07257	unknown	ShapiroWilk
Copper (mg/L)	GWC-8	n/a	n/a	NP	NaN	36	0.004871	0.0007733	unknown	ShapiroWilk
Copper (mg/L)	GWC-9	n/a	n/a	NP	NaN	37	0.004895	0.0005354	unknown	ShapiroWilk
Fluoride (mg/L)	GWA-1 (bg)	No	n/a	NP	NaN	21	0.1001	0.03365	normal	ShapiroWilk
Fluoride (mg/L)	GWA-11 (bg)	No	n/a	NP	NaN	21	0.08789	0.04046	normal	ShapiroWilk
Fluoride (mg/L)	GWA-2 (bg)	No	n/a	NP	NaN	21	0.1177	0.04434	x^(1/3)	ShapiroWilk
Fluoride (mg/L)	GWA-3 (bg)	No	n/a	NP	NaN	21	0.1878	0.1107	ln(x)	ShapiroWilk
Fluoride (mg/L)	GWA-4 (bg)	No	n/a	NP	NaN	21	0.1816	0.1009	ln(x)	ShapiroWilk
Fluoride (mg/L)	GWC-10	No	n/a	NP	NaN	21	0.1006	0.033	ln(x)	ShapiroWilk
Fluoride (mg/L)	GWC-18	No	n/a	NP	NaN	21	0.1351	0.03117	ln(x)	ShapiroWilk
Fluoride (mg/L)	GWC-19	No	n/a	NP	NaN	21	0.1387	0.04273	ln(x)	ShapiroWilk
Fluoride (mg/L)	GWC-20	No	n/a	NP	NaN	21	0.08485	0.03681	ln(x)	ShapiroWilk
Fluoride (mg/L)	GWC-21	No	n/a	NP	NaN	21	0.09562	0.04443	sqrt(x)	ShapiroWilk
Fluoride (mg/L)	GWC-22	No	n/a	NP	NaN	21	0.08521	0.02581	ln(x)	ShapiroWilk
Fluoride (mg/L)	GWC-23	No	n/a	NP	NaN	21	0.1019	0.03019	ln(x)	ShapiroWilk
Fluoride (mg/L)	GWC-5	No	n/a	NP	NaN	21	0.09944	0.07471	ln(x)	ShapiroWilk
Fluoride (mg/L)	GWC-6	No	n/a	NP	NaN	21	0.09901	0.06573	ln(x)	ShapiroWilk
Fluoride (mg/L)	GWC-7	No	n/a	NP	NaN	21	0.2241	0.1001	ln(x)	ShapiroWilk
Fluoride (mg/L)	GWC-8	No	n/a	NP	NaN	22	0.1739	0.08345	ln(x)	ShapiroWilk
Fluoride (mg/L)	GWC-9	No	n/a	NP	NaN	21	0.09042	0.03075	ln(x)	ShapiroWilk

Tukey's Outlier Test - All Results

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Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Lead (mg/L)	GWA-1 (bg)	n/a	n/a	NP	NaN	42	0.001	0	unknown	ShapiroWilk
Lead (mg/L)	GWA-11 (bg)	n/a	n/a	NP	NaN	42	0.0009779	0.0001435	unknown	ShapiroWilk
Lead (mg/L)	GWA-2 (bg)	n/a	n/a	NP	NaN	42	0.001	0	unknown	ShapiroWilk
Lead (mg/L)	GWA-3 (bg)	n/a	n/a	NP	NaN	42	0.0009545	0.0002062	unknown	ShapiroWilk
Lead (mg/L)	GWA-4 (bg)	n/a	n/a	NP	NaN	42	0.001	0	unknown	ShapiroWilk
Lead (mg/L)	GWC-10	n/a	n/a	NP	NaN	42	0.0009775	0.000146	unknown	ShapiroWilk
Lead (mg/L)	GWC-18	n/a	n/a	NP	NaN	42	0.0009771	0.0001481	unknown	ShapiroWilk
Lead (mg/L)	GWC-19	n/a	n/a	NP	NaN	42	0.0009381	0.0002263	unknown	ShapiroWilk
Lead (mg/L)	GWC-20	n/a	n/a	NP	NaN	41	0.0009773	0.0001452	unknown	ShapiroWilk
Lead (mg/L)	GWC-21	n/a	n/a	NP	NaN	40	0.0009106	0.0002716	unknown	ShapiroWilk
Lead (mg/L)	GWC-22	n/a	n/a	NP	NaN	42	0.0009132	0.0002711	unknown	ShapiroWilk
Lead (mg/L)	GWC-23	n/a	n/a	NP	NaN	42	0.0008917	0.0002719	unknown	ShapiroWilk
Lead (mg/L)	GWC-5	n/a	n/a	NP	NaN	42	0.0009632	0.0001703	unknown	ShapiroWilk
Lead (mg/L)	GWC-6	n/a	n/a	NP	NaN	42	0.0009786	0.0001389	unknown	ShapiroWilk
Lead (mg/L)	GWC-7	n/a	n/a	NP	NaN	41	0.0008418	0.0003764	unknown	ShapiroWilk
Lead (mg/L)	GWC-8	n/a	n/a	NP	NaN	41	0.0009573	0.0001917	unknown	ShapiroWilk
Lead (mg/L)	GWC-9	n/a	n/a	NP	NaN	42	0.001	0	unknown	ShapiroWilk
Nickel (mg/L)	GWA-1 (bg)	n/a	n/a	NP	NaN	37	0.004175	0.001735	unknown	ShapiroWilk
Nickel (mg/L)	GWA-11 (bg)	No	n/a	NP	NaN	37	0.005876	0.00408	ln(x)	ShapiroWilk
Nickel (mg/L)	GWA-2 (bg)	n/a	n/a	NP	NaN	37	0.004884	0.0007069	unknown	ShapiroWilk
Nickel (mg/L)	GWA-3 (bg)	n/a	n/a	NP	NaN	37	0.004192	0.001581	unknown	ShapiroWilk
Nickel (mg/L)	GWA-4 (bg)	No	n/a	NP	NaN	37	0.00359	0.001745	x^(1/3)	ShapiroWilk
Nickel (mg/L)	GWC-10	n/a	n/a	NP	NaN	37	0.004927	0.0004439	unknown	ShapiroWilk
Nickel (mg/L)	GWC-18	No	n/a	NP	NaN	37	0.004005	0.001785	ln(x)	ShapiroWilk
Nickel (mg/L)	GWC-19	n/a	n/a	NP	NaN	37	0.004795	0.001034	unknown	ShapiroWilk
Nickel (mg/L)	GWC-20	n/a	n/a	NP	NaN	36	0.004759	0.001006	unknown	ShapiroWilk
Nickel (mg/L)	GWC-21	No	n/a	NP	NaN	36	0.004671	0.002134	ln(x)	ShapiroWilk
Nickel (mg/L)	GWC-22	n/a	n/a	NP	NaN	37	0.004881	0.000725	unknown	ShapiroWilk
Nickel (mg/L)	GWC-23	No	n/a	NP	NaN	37	0.003887	0.001784	ln(x)	ShapiroWilk
Nickel (mg/L)	GWC-5	n/a	n/a	NP	NaN	37	0.004232	0.001613	unknown	ShapiroWilk
Nickel (mg/L)	GWC-6	n/a	n/a	NP	NaN	37	0.004639	0.001233	unknown	ShapiroWilk
Nickel (mg/L)	GWC-7	No	n/a	NP	NaN	36	1.161	3.141	ln(x)	ShapiroWilk
Nickel (mg/L)	GWC-8	n/a	n/a	NP	NaN	36	0.004469	0.001576	unknown	ShapiroWilk
Nickel (mg/L)	GWC-9	No	n/a	NP	NaN	37	0.005954	0.004	ln(x)	ShapiroWilk
pH (SU)	GWA-1 (bg)	No	n/a	NP	NaN	21	7.009	0.1898	x^6	ShapiroWilk
pH (SU)	GWA-11 (bg)	No	n/a	NP	NaN	21	6.748	0.1589	ln(x)	ShapiroWilk
pH (SU)	GWA-2 (bg)	No	n/a	NP	NaN	21	6.907	0.1371	x^5	ShapiroWilk
pH (SU)	GWA-3 (bg)	No	n/a	NP	NaN	21	6.752	0.1747	x^5	ShapiroWilk
pH (SU)	GWA-4 (bg)	No	n/a	NP	NaN	21	6.785	0.1691	ln(x)	ShapiroWilk
pH (SU)	GWC-10	No	n/a	NP	NaN	22	7.311	0.1919	x^6	ShapiroWilk
pH (SU)	GWC-18	No	n/a	NP	NaN	21	7.587	0.08609	x^6	ShapiroWilk
pH (SU)	GWC-19	No	n/a	NP	NaN	23	7.503	0.1232	ln(x)	ShapiroWilk
pH (SU)	GWC-20	No	n/a	NP	NaN	24	7.32	0.1465	ln(x)	ShapiroWilk
pH (SU)	GWC-21	No	n/a	NP	NaN	21	6.577	0.4244	ln(x)	ShapiroWilk
pH (SU)	GWC-22	No	n/a	NP	NaN	22	7.638	0.1354	x^4	ShapiroWilk
pH (SU)	GWC-23	No	n/a	NP	NaN	21	7.09	0.1617	ln(x)	ShapiroWilk
pH (SU)	GWC-5	No	n/a	NP	NaN	21	6.842	0.1455	x^6	ShapiroWilk
pH (SU)	GWC-6	No	n/a	NP	NaN	23	7.062	0.1892	ln(x)	ShapiroWilk
pH (SU)	GWC-7	No	n/a	NP	NaN	22	6.167	0.2702	x^(1/3)	ShapiroWilk
pH (SU)	GWC-8	No	n/a	NP	NaN	24	7.175	0.2405	x^5	ShapiroWilk
pH (SU)	GWC-9	No	n/a	NP	NaN	21	6.85	0.2081	x^6	ShapiroWilk
Selenium (mg/L)	GWA-1 (bg)	n/a	n/a	NP	NaN	42	0.005	0	unknown	ShapiroWilk
Selenium (mg/L)	GWA-11 (bg)	n/a	n/a	NP	NaN	42	0.005	0	unknown	ShapiroWilk
Selenium (mg/L)	GWA-2 (bg)	n/a	n/a	NP	NaN	42	0.005	0	unknown	ShapiroWilk
Selenium (mg/L)	GWA-3 (bg)	n/a	n/a	NP	NaN	42	0.005	0	unknown	ShapiroWilk
Selenium (mg/L)	GWA-4 (bg)	n/a	n/a	NP	NaN	42	0.004884	0.0007499	unknown	ShapiroWilk
Selenium (mg/L)	GWC-10	n/a	n/a	NP	NaN	42	0.004919	0.0005246	unknown	ShapiroWilk
Selenium (mg/L)	GWC-18	n/a	n/a	NP	NaN	42	0.005	0	unknown	ShapiroWilk
Selenium (mg/L)	GWC-19	n/a	n/a	NP	NaN	42	0.005	0	unknown	ShapiroWilk
Selenium (mg/L)	GWC-20	n/a	n/a	NP	NaN	41	0.005	0	unknown	ShapiroWilk
Selenium (mg/L)	GWC-21	n/a	n/a	NP	NaN	40	0.004852	0.0006559	unknown	ShapiroWilk
Selenium (mg/L)	GWC-22	n/a	n/a	NP	NaN	42	0.004836	0.0007444	unknown	ShapiroWilk
Selenium (mg/L)	GWC-23	n/a	n/a	NP	NaN	42	0.005	0	unknown	ShapiroWilk
Selenium (mg/L)	GWC-5	n/a	n/a	NP	NaN	42	0.005	0	unknown	ShapiroWilk
Selenium (mg/L)	GWC-6	n/a	n/a	NP	NaN	42	0.005	0	unknown	ShapiroWilk
Selenium (mg/L)	GWC-7	n/a	n/a	NP	NaN	41	0.005	0	unknown	ShapiroWilk
Selenium (mg/L)	GWC-8	n/a	n/a	NP	NaN	41	0.005	0	unknown	ShapiroWilk
Selenium (mg/L)	GWC-9	n/a	n/a	NP	NaN	42	0.004924	0.0004938	unknown	ShapiroWilk

Tukey's Outlier Test - All Results

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Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Silver (mg/L)	GWA-1 (bg)	n/a	n/a	NP	NaN	37	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWA-11 (bg)	n/a	n/a	NP	NaN	37	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWA-2 (bg)	n/a	n/a	NP	NaN	37	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWA-3 (bg)	n/a	n/a	NP	NaN	37	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWA-4 (bg)	n/a	n/a	NP	NaN	37	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWC-10	n/a	n/a	NP	NaN	37	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWC-18	n/a	n/a	NP	NaN	37	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWC-19	n/a	n/a	NP	NaN	37	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWC-20	n/a	n/a	NP	NaN	36	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWC-21	n/a	n/a	NP	NaN	35	0.00496	0.0002366	unknown	ShapiroWilk
Silver (mg/L)	GWC-22	n/a	n/a	NP	NaN	37	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWC-23	n/a	n/a	NP	NaN	37	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWC-5	n/a	n/a	NP	NaN	37	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWC-6	n/a	n/a	NP	NaN	37	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWC-7	n/a	n/a	NP	NaN	36	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWC-8	n/a	n/a	NP	NaN	36	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWC-9	n/a	n/a	NP	NaN	37	0.005	0	unknown	ShapiroWilk
Sulfate (mg/L)	GWA-1 (bg)	No	n/a	NP	NaN	21	4.713	0.5864	ln(x)	ShapiroWilk
Sulfate (mg/L)	GWA-11 (bg)	No	n/a	NP	NaN	21	11.71	1.52	ln(x)	ShapiroWilk
Sulfate (mg/L)	GWA-2 (bg)	No	n/a	NP	NaN	21	16.94	3.554	ln(x)	ShapiroWilk
Sulfate (mg/L)	GWA-3 (bg)	No	n/a	NP	NaN	21	114.2	37.7	ln(x)	ShapiroWilk
Sulfate (mg/L)	GWA-4 (bg)	No	n/a	NP	NaN	21	170.4	55.94	ln(x)	ShapiroWilk
Sulfate (mg/L)	GWC-10	No	n/a	NP	NaN	22	16.06	7.922	ln(x)	ShapiroWilk
Sulfate (mg/L)	GWC-18	No	n/a	NP	NaN	21	10.1	1.696	ln(x)	ShapiroWilk
Sulfate (mg/L)	GWC-19	No	n/a	NP	NaN	21	17.2	2.369	ln(x)	ShapiroWilk
Sulfate (mg/L)	GWC-20	No	n/a	NP	NaN	26	44.51	15.74	ln(x)	ShapiroWilk
Sulfate (mg/L)	GWC-21	No	n/a	NP	NaN	21	29.09	10.03	x^(1/3)	ShapiroWilk
Sulfate (mg/L)	GWC-22	No	n/a	NP	NaN	21	7.557	2.191	normal	ShapiroWilk
Sulfate (mg/L)	GWC-23	No	n/a	NP	NaN	21	11.43	10.44	ln(x)	ShapiroWilk
Sulfate (mg/L)	GWC-5	No	n/a	NP	NaN	21	84.97	20.67	ln(x)	ShapiroWilk
Sulfate (mg/L)	GWC-6	No	n/a	NP	NaN	25	105.9	15.76	normal	ShapiroWilk
Sulfate (mg/L)	GWC-7	No	n/a	NP	NaN	21	108.8	26.51	normal	ShapiroWilk
Sulfate (mg/L)	GWC-8	No	n/a	NP	NaN	21	38.82	8.608	ln(x)	ShapiroWilk
Sulfate (mg/L)	GWC-9	No	n/a	NP	NaN	22	69.25	6.462	x^3	ShapiroWilk
Thallium (mg/L)	GWA-1 (bg)	n/a	n/a	NP	NaN	41	0.000981	0.0001218	unknown	ShapiroWilk
Thallium (mg/L)	GWA-11 (bg)	n/a	n/a	NP	NaN	41	0.001	0	unknown	ShapiroWilk
Thallium (mg/L)	GWA-2 (bg)	n/a	n/a	NP	NaN	41	0.001	0	unknown	ShapiroWilk
Thallium (mg/L)	GWA-3 (bg)	n/a	n/a	NP	NaN	41	0.001	0	unknown	ShapiroWilk
Thallium (mg/L)	GWA-4 (bg)	n/a	n/a	NP	NaN	41	0.001	0	unknown	ShapiroWilk
Thallium (mg/L)	GWC-10	n/a	n/a	NP	NaN	41	0.001	0	unknown	ShapiroWilk
Thallium (mg/L)	GWC-18	n/a	n/a	NP	NaN	41	0.001	0	unknown	ShapiroWilk
Thallium (mg/L)	GWC-19	n/a	n/a	NP	NaN	41	0.001	0	unknown	ShapiroWilk
Thallium (mg/L)	GWC-20	n/a	n/a	NP	NaN	40	0.001	0	unknown	ShapiroWilk
Thallium (mg/L)	GWC-21	n/a	n/a	NP	NaN	39	0.001	0	unknown	ShapiroWilk
Thallium (mg/L)	GWC-22	n/a	n/a	NP	NaN	41	0.001	0	unknown	ShapiroWilk
Thallium (mg/L)	GWC-23	n/a	n/a	NP	NaN	41	0.001	0	unknown	ShapiroWilk
Thallium (mg/L)	GWC-5	n/a	n/a	NP	NaN	41	0.001	0	unknown	ShapiroWilk
Thallium (mg/L)	GWC-6	n/a	n/a	NP	NaN	42	0.001	0	unknown	ShapiroWilk
Thallium (mg/L)	GWC-7	n/a	n/a	NP	NaN	40	0.0009775	0.0001423	unknown	ShapiroWilk
Thallium (mg/L)	GWC-8	n/a	n/a	NP	NaN	41	0.001	0	unknown	ShapiroWilk
Thallium (mg/L)	GWC-9	n/a	n/a	NP	NaN	41	0.001	0	unknown	ShapiroWilk
Total Dissolved Solids (mg/L)	GWA-1 (bg)	No	n/a	NP	NaN	21	102.2	22.45	ln(x)	ShapiroWilk
Total Dissolved Solids (mg/L)	GWA-11 (bg)	No	n/a	NP	NaN	21	121.3	21.65	ln(x)	ShapiroWilk
Total Dissolved Solids (mg/L)	GWA-2 (bg)	No	n/a	NP	NaN	21	228	22.53	x^2	ShapiroWilk
Total Dissolved Solids (mg/L)	GWA-3 (bg)	No	n/a	NP	NaN	21	448	79	ln(x)	ShapiroWilk
Total Dissolved Solids (mg/L)	GWA-4 (bg)	No	n/a	NP	NaN	21	494.1	90.94	ln(x)	ShapiroWilk
Total Dissolved Solids (mg/L)	GWC-10	No	n/a	NP	NaN	21	180.3	34.23	normal	ShapiroWilk
Total Dissolved Solids (mg/L)	GWC-18	Yes	427	NP	NaN	21	216.5	54.42	ln(x)	ShapiroWilk
Total Dissolved Solids (mg/L)	GWC-19	Yes	393	NP	NaN	21	240.4	39.1	ln(x)	ShapiroWilk
Total Dissolved Solids (mg/L)	GWC-20	No	n/a	NP	NaN	21	248	36.6	x^(1/3)	ShapiroWilk
Total Dissolved Solids (mg/L)	GWC-21	No	n/a	NP	NaN	23	187.7	81.93	ln(x)	ShapiroWilk
Total Dissolved Solids (mg/L)	GWC-22	Yes	324	NP	NaN	21	217.4	30.08	ln(x)	ShapiroWilk
Total Dissolved Solids (mg/L)	GWC-23	No	n/a	NP	NaN	21	197.3	37.79	ln(x)	ShapiroWilk
Total Dissolved Solids (mg/L)	GWC-5	No	n/a	NP	NaN	21	389.2	40.75	ln(x)	ShapiroWilk
Total Dissolved Solids (mg/L)	GWC-6	No	n/a	NP	NaN	23	333.8	35.57	ln(x)	ShapiroWilk
Total Dissolved Solids (mg/L)	GWC-7	No	n/a	NP	NaN	21	264.4	37.35	ln(x)	ShapiroWilk
Total Dissolved Solids (mg/L)	GWC-8	No	n/a	NP	NaN	23	288.6	62.72	ln(x)	ShapiroWilk
Total Dissolved Solids (mg/L)	GWC-9	No	n/a	NP	NaN	21	226.3	31.57	ln(x)	ShapiroWilk

Tukey's Outlier Test - All Results

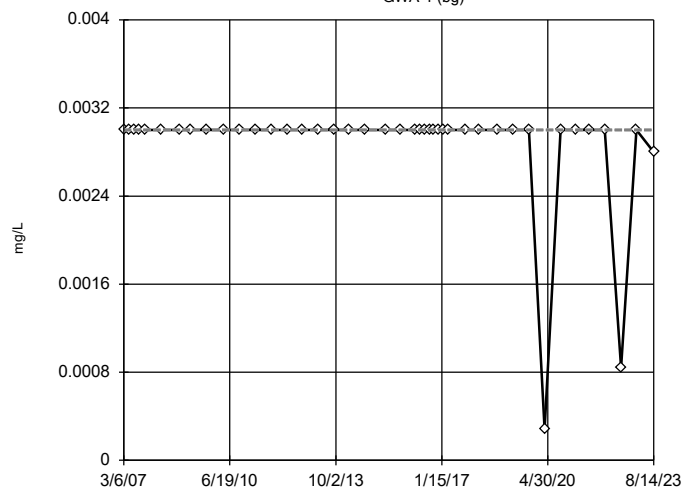
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Plant Hammond Data: Huffaker Road Landfill Printed 2/29/2024, 4:11 PM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Vanadium (mg/L)	GWA-1 (bg)	n/a	n/a	NP	NaN	37	0.00957	0.001823	unknown	ShapiroWilk
Vanadium (mg/L)	GWA-11 (bg)	n/a	n/a	NP	NaN	37	0.01	0	unknown	ShapiroWilk
Vanadium (mg/L)	GWA-2 (bg)	n/a	n/a	NP	NaN	37	0.01	0	unknown	ShapiroWilk
Vanadium (mg/L)	GWA-3 (bg)	n/a	n/a	NP	NaN	37	0.01	0	unknown	ShapiroWilk
Vanadium (mg/L)	GWA-4 (bg)	n/a	n/a	NP	NaN	37	0.01	0	unknown	ShapiroWilk
Vanadium (mg/L)	GWC-10	n/a	n/a	NP	NaN	37	0.01	0	unknown	ShapiroWilk
Vanadium (mg/L)	GWC-18	n/a	n/a	NP	NaN	37	0.01	0	unknown	ShapiroWilk
Vanadium (mg/L)	GWC-19	n/a	n/a	NP	NaN	37	0.01	0	unknown	ShapiroWilk
Vanadium (mg/L)	GWC-20	n/a	n/a	NP	NaN	36	0.01	0	unknown	ShapiroWilk
Vanadium (mg/L)	GWC-21	n/a	n/a	NP	NaN	35	0.00954	0.00191	unknown	ShapiroWilk
Vanadium (mg/L)	GWC-22	n/a	n/a	NP	NaN	37	0.01	0	unknown	ShapiroWilk
Vanadium (mg/L)	GWC-23	n/a	n/a	NP	NaN	37	0.009734	0.001616	unknown	ShapiroWilk
Vanadium (mg/L)	GWC-5	n/a	n/a	NP	NaN	37	0.009755	0.001491	unknown	ShapiroWilk
Vanadium (mg/L)	GWC-6	n/a	n/a	NP	NaN	37	0.01	0	unknown	ShapiroWilk
Vanadium (mg/L)	GWC-7	n/a	n/a	NP	NaN	36	0.008939	0.002704	unknown	ShapiroWilk
Vanadium (mg/L)	GWC-8	n/a	n/a	NP	NaN	36	0.01	0	unknown	ShapiroWilk
Vanadium (mg/L)	GWC-9	n/a	n/a	NP	NaN	37	0.009808	0.001167	unknown	ShapiroWilk
Zinc (mg/L)	GWA-1 (bg)	n/a	n/a	NP	NaN	37	0.008459	0.003007	unknown	ShapiroWilk
Zinc (mg/L)	GWA-11 (bg)	No	n/a	NP	NaN	37	0.008052	0.003156	x^(1/3)	ShapiroWilk
Zinc (mg/L)	GWA-2 (bg)	No	n/a	NP	NaN	37	0.008011	0.003353	ln(x)	ShapiroWilk
Zinc (mg/L)	GWA-3 (bg)	No	n/a	NP	NaN	37	0.00738	0.003484	ln(x)	ShapiroWilk
Zinc (mg/L)	GWA-4 (bg)	No	n/a	NP	NaN	37	0.006468	0.003265	ln(x)	ShapiroWilk
Zinc (mg/L)	GWC-10	n/a	n/a	NP	NaN	37	0.008694	0.002878	unknown	ShapiroWilk
Zinc (mg/L)	GWC-18	No	n/a	NP	NaN	37	0.008135	0.003181	ln(x)	ShapiroWilk
Zinc (mg/L)	GWC-19	No	n/a	NP	NaN	37	0.007737	0.003576	x^(1/3)	ShapiroWilk
Zinc (mg/L)	GWC-20	n/a	n/a	NP	NaN	36	0.008733	0.00297	unknown	ShapiroWilk
Zinc (mg/L)	GWC-21	No	n/a	NP	NaN	35	0.006407	0.002621	ln(x)	ShapiroWilk
Zinc (mg/L)	GWC-22	n/a	n/a	NP	NaN	37	0.008873	0.002666	unknown	ShapiroWilk
Zinc (mg/L)	GWC-23	No	n/a	NP	NaN	37	0.007327	0.003422	x^(1/3)	ShapiroWilk
Zinc (mg/L)	GWC-5	No	n/a	NP	NaN	37	0.007616	0.003389	x^(1/3)	ShapiroWilk
Zinc (mg/L)	GWC-6	Yes	0.0026,0.0026,0.00055,0.0024,0.0013	NP	NaN	37	0.008253	0.0032	x^(1/3)	ShapiroWilk
Zinc (mg/L)	GWC-7	No	n/a	NP	NaN	36	2.89	7.975	ln(x)	ShapiroWilk
Zinc (mg/L)	GWC-8	Yes	0.0014,0.0016,0.0012	NP	NaN	36	0.008272	0.003127	sqrt(x)	ShapiroWilk
Zinc (mg/L)	GWC-9	No	n/a	NP	NaN	37	0.007832	0.003449	ln(x)	ShapiroWilk

Tukey's Outlier Screening

GWA-1 (bg)



Constituent: Antimony Analysis Run 2/29/2024 4:01 PM
Plant Hammond Data: Huffaker Road Landfill

n = 42

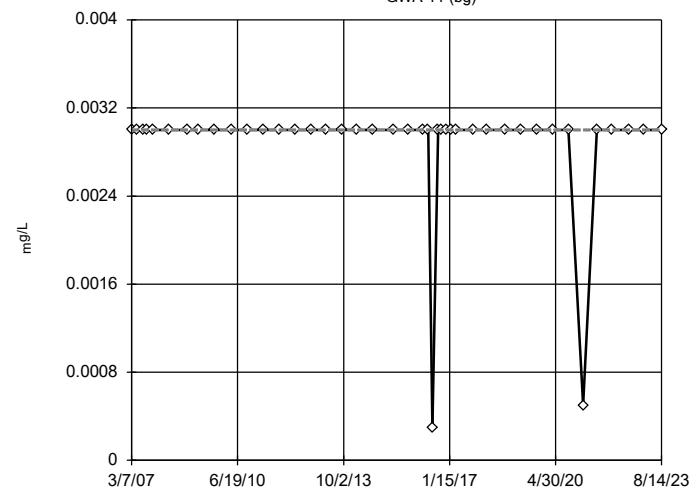
No outliers found.
Tukey's method selected by user.

Data were x⁶ transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Tukey's Outlier Screening

GWA-11 (bg)



Constituent: Antimony Analysis Run 2/29/2024 4:01 PM
Plant Hammond Data: Huffaker Road Landfill

n = 42

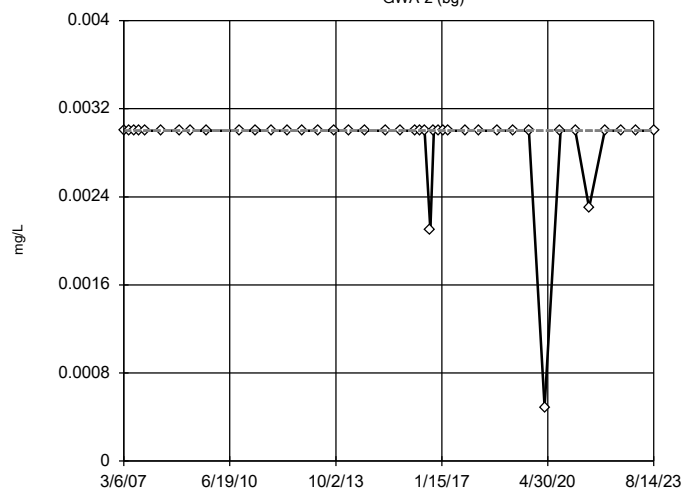
No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Tukey's Outlier Screening

GWA-2 (bg)



Constituent: Antimony Analysis Run 2/29/2024 4:01 PM
Plant Hammond Data: Huffaker Road Landfill

n = 41

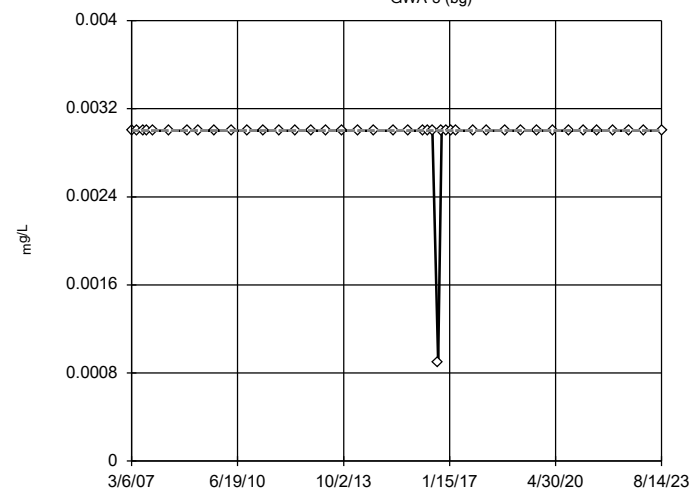
No outliers found.
Tukey's method selected by user.

Data were x⁴ transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Tukey's Outlier Screening

GWA-3 (bg)



Constituent: Antimony Analysis Run 2/29/2024 4:01 PM
Plant Hammond Data: Huffaker Road Landfill

n = 42

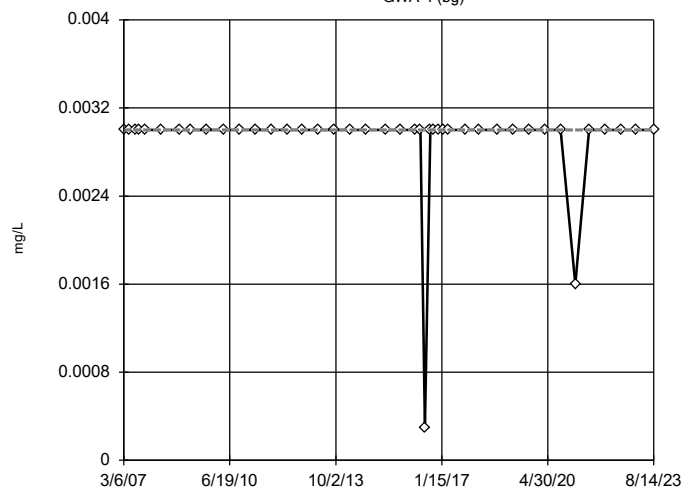
No outliers found.
Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Tukey's Outlier Screening

GWA-4 (bg)



n = 42

No outliers found.
Tukey's method selected by user.

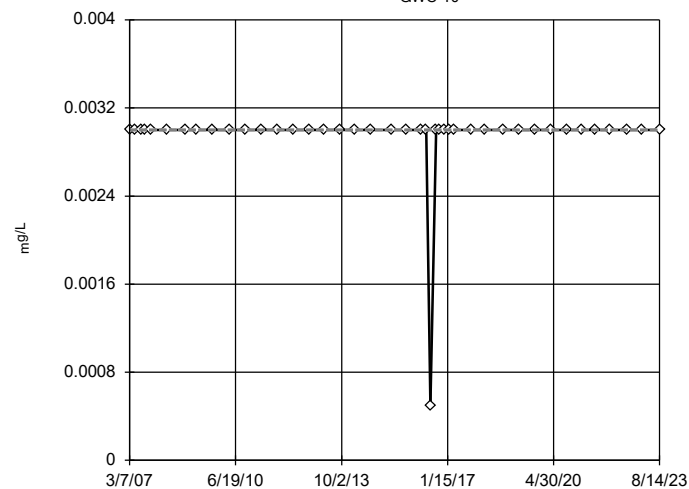
Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 2/29/2024 4:01 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-10



n = 42

No outliers found.
Tukey's method selected by user.

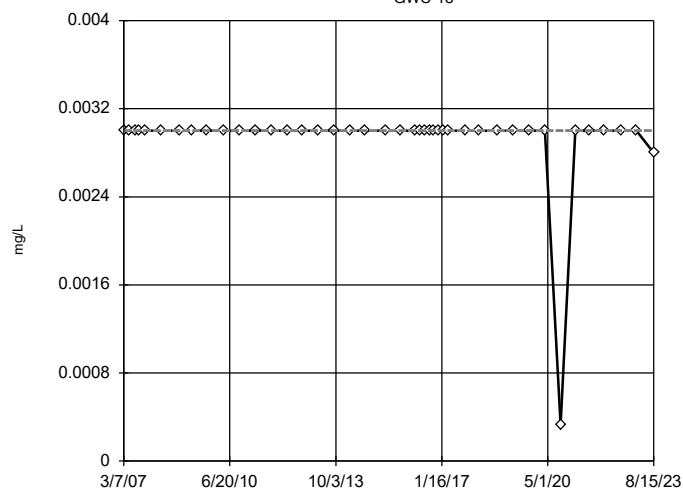
Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 2/29/2024 4:01 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-18



n = 42

No outliers found.
Tukey's method selected by user.

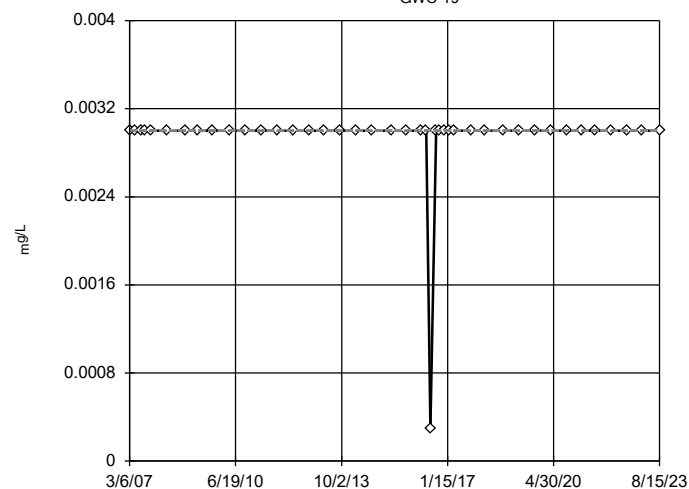
Data were x⁶ transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 2/29/2024 4:01 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-19



n = 42

No outliers found.
Tukey's method selected by user.

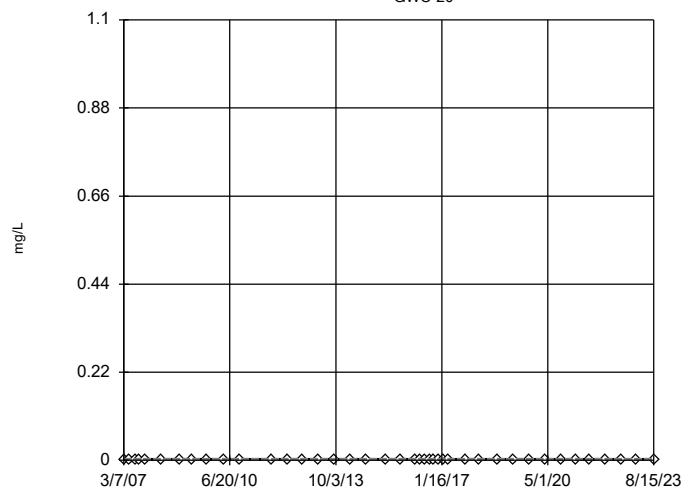
Data were x⁵ transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 2/29/2024 4:01 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-20



Constituent: Antimony Analysis Run 2/29/2024 4:01 PM
Plant Hammond Data: Huffaker Road Landfill

n = 41

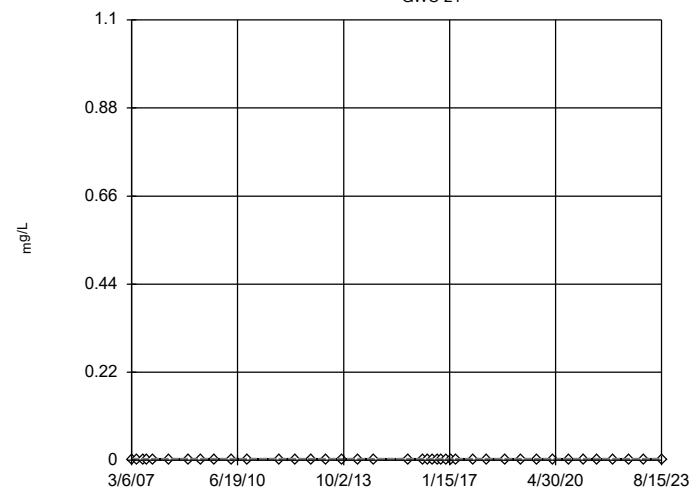
No outliers found.
Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Tukey's Outlier Screening

GWC-21



Constituent: Antimony Analysis Run 2/29/2024 4:01 PM
Plant Hammond Data: Huffaker Road Landfill

n = 40

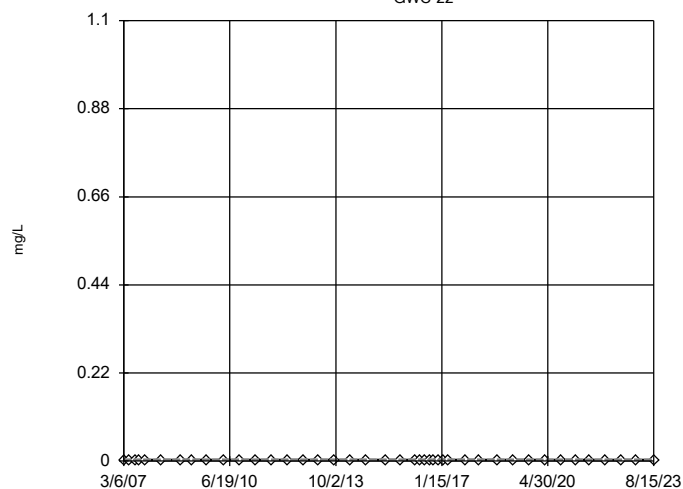
No outliers found.
Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Tukey's Outlier Screening

GWC-22



Constituent: Antimony Analysis Run 2/29/2024 4:01 PM
Plant Hammond Data: Huffaker Road Landfill

n = 42

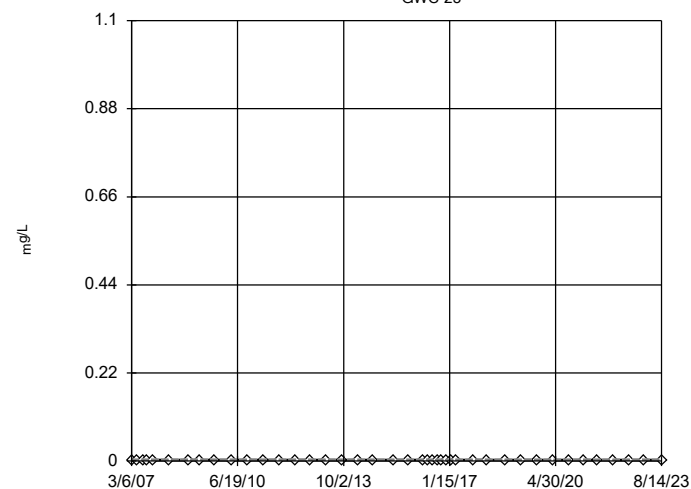
No outliers found.
Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Tukey's Outlier Screening

GWC-23



Constituent: Antimony Analysis Run 2/29/2024 4:01 PM
Plant Hammond Data: Huffaker Road Landfill

n = 42

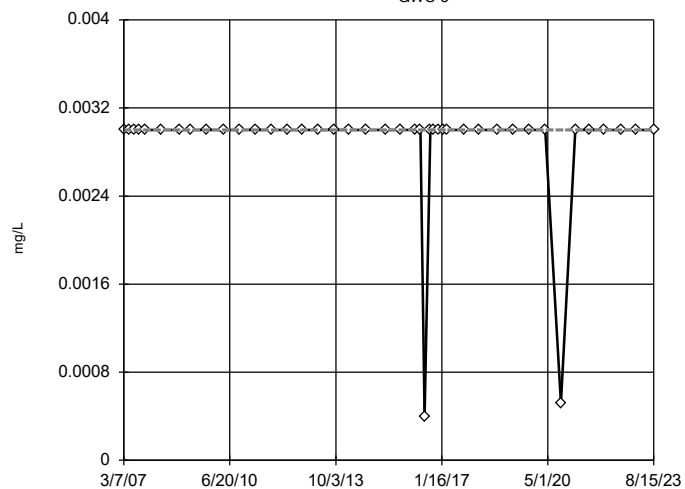
No outliers found.
Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Tukey's Outlier Screening

GWC-5



Constituent: Antimony Analysis Run 2/29/2024 4:01 PM
Plant Hammond Data: Huffaker Road Landfill

n = 42

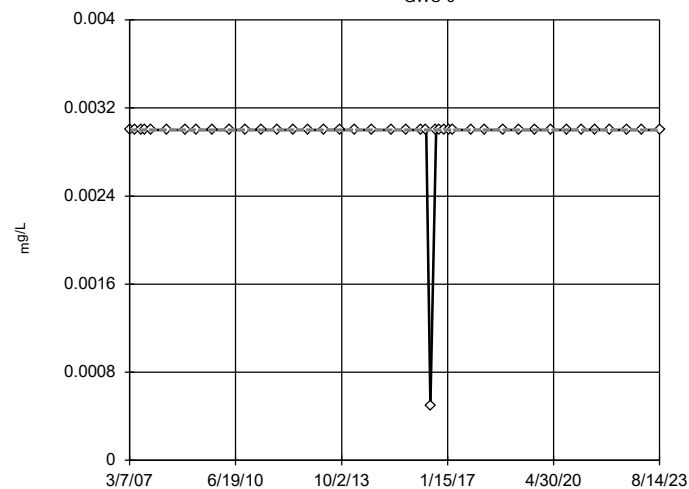
No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Tukey's Outlier Screening

GWC-6



Constituent: Antimony Analysis Run 2/29/2024 4:01 PM
Plant Hammond Data: Huffaker Road Landfill

n = 42

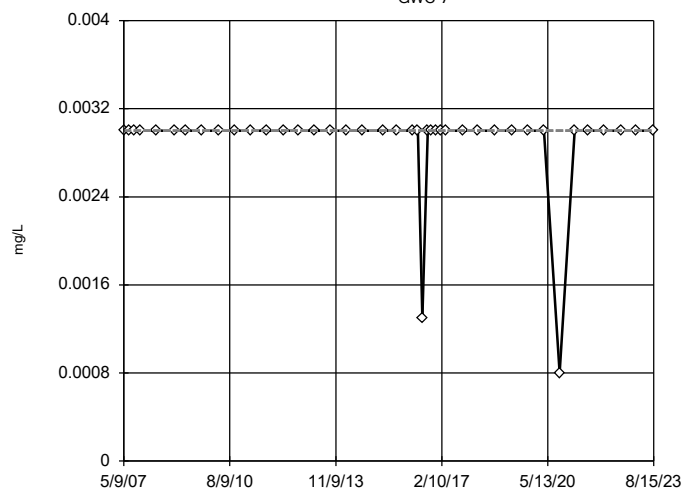
No outliers found.
Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Tukey's Outlier Screening

GWC-7



Constituent: Antimony Analysis Run 2/29/2024 4:01 PM
Plant Hammond Data: Huffaker Road Landfill

n = 41

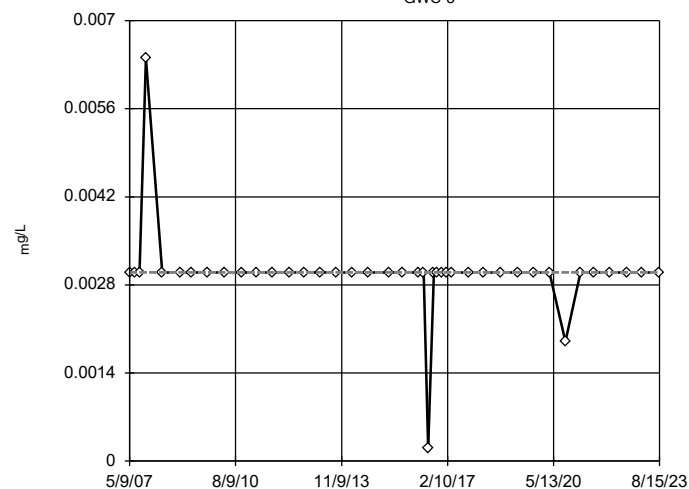
No outliers found.
Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Tukey's Outlier Screening

GWC-8



Constituent: Antimony Analysis Run 2/29/2024 4:01 PM
Plant Hammond Data: Huffaker Road Landfill

n = 41

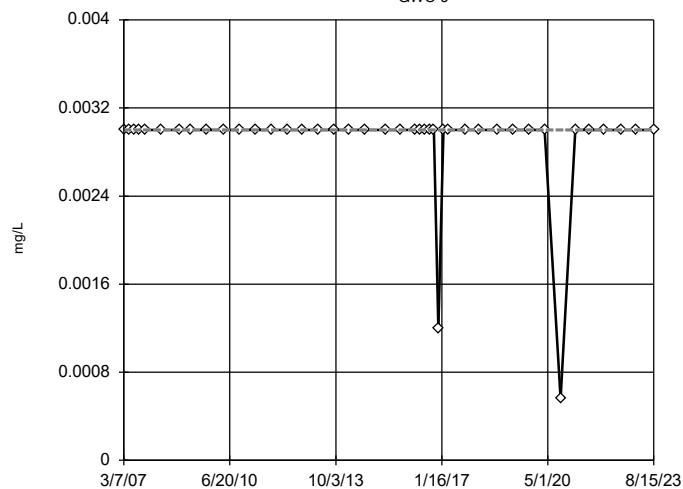
No outliers found.
Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Tukey's Outlier Screening

GWC-9



Constituent: Antimony Analysis Run 2/29/2024 4:01 PM
Plant Hammond Data: Huffaker Road Landfill

n = 42

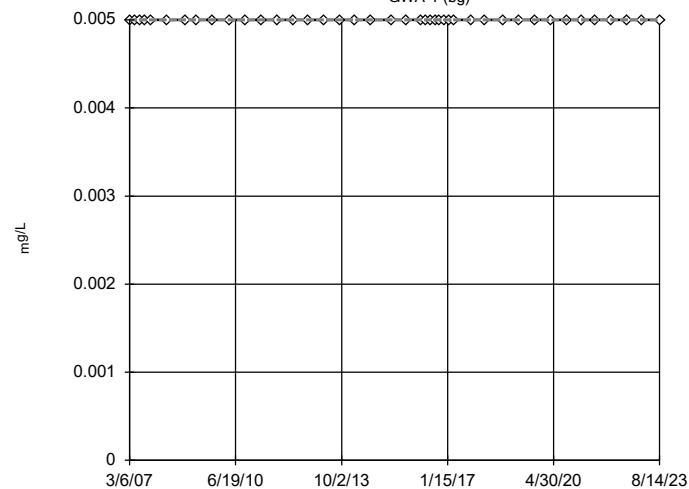
No outliers found.
Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Tukey's Outlier Screening

GWA-1 (bg)



Constituent: Arsenic Analysis Run 2/29/2024 4:01 PM
Plant Hammond Data: Huffaker Road Landfill

n = 42

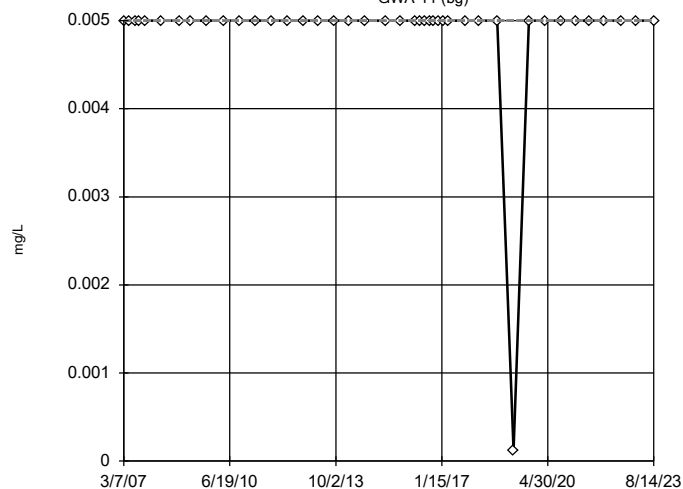
No outliers found.
Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Tukey's Outlier Screening

GWA-11 (bg)



Constituent: Arsenic Analysis Run 2/29/2024 4:02 PM
Plant Hammond Data: Huffaker Road Landfill

n = 42

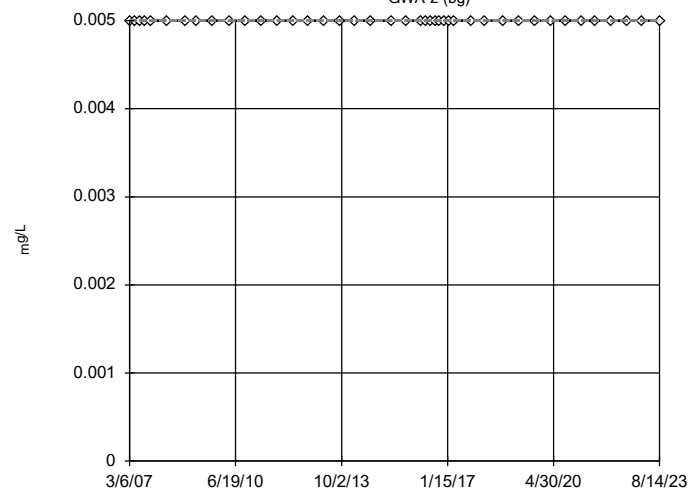
No outliers found.
Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Tukey's Outlier Screening

GWA-2 (bg)



Constituent: Arsenic Analysis Run 2/29/2024 4:02 PM
Plant Hammond Data: Huffaker Road Landfill

n = 42

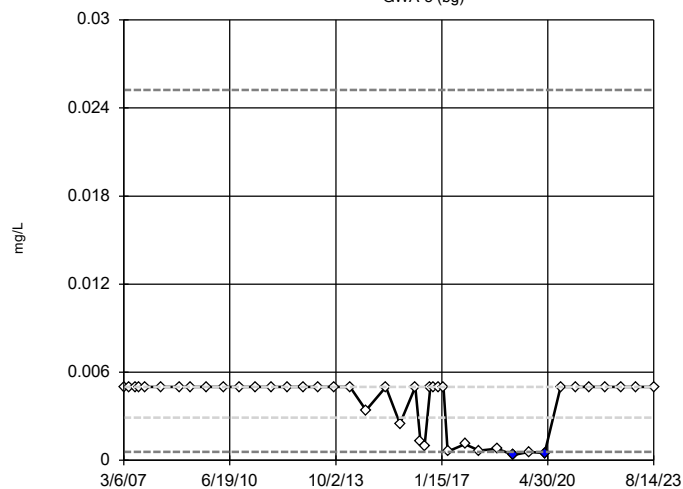
No outliers found.
Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Tukey's Outlier Screening

GWA-3 (bg)



Constituent: Arsenic Analysis Run 2/29/2024 4:02 PM
Plant Hammond Data: Huffaker Road Landfill

n = 42

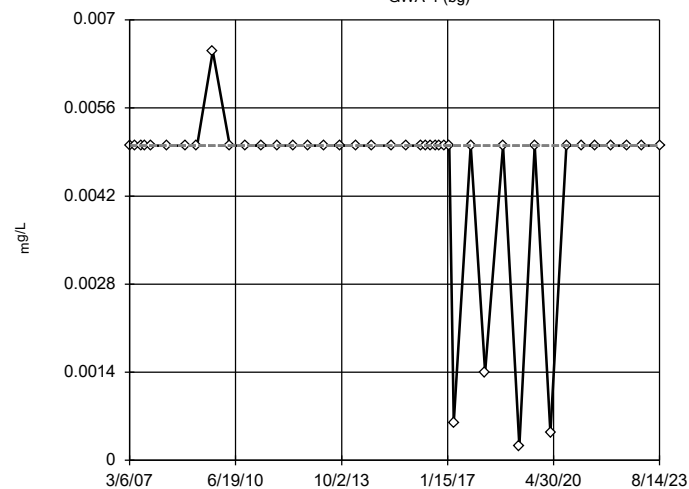
Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.02522, low cutoff = 0.000578, based on IQR multiplier of 3.

Tukey's Outlier Screening

GWA-4 (bg)



Constituent: Arsenic Analysis Run 2/29/2024 4:02 PM
Plant Hammond Data: Huffaker Road Landfill

n = 42

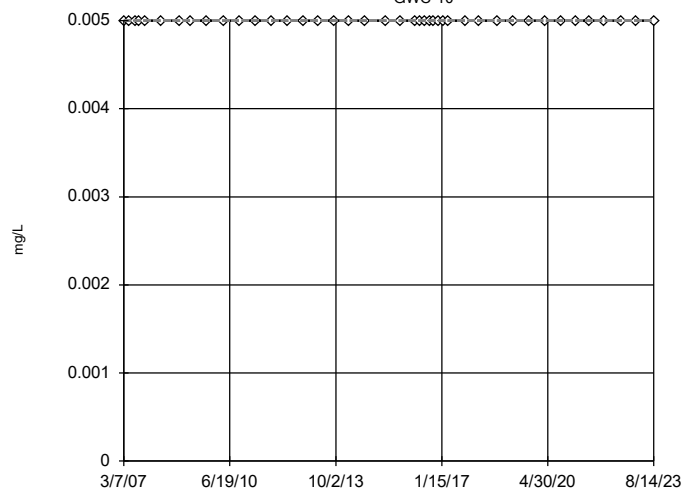
No outliers found.
Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Tukey's Outlier Screening

GWC-10



Constituent: Arsenic Analysis Run 2/29/2024 4:02 PM
Plant Hammond Data: Huffaker Road Landfill

n = 42

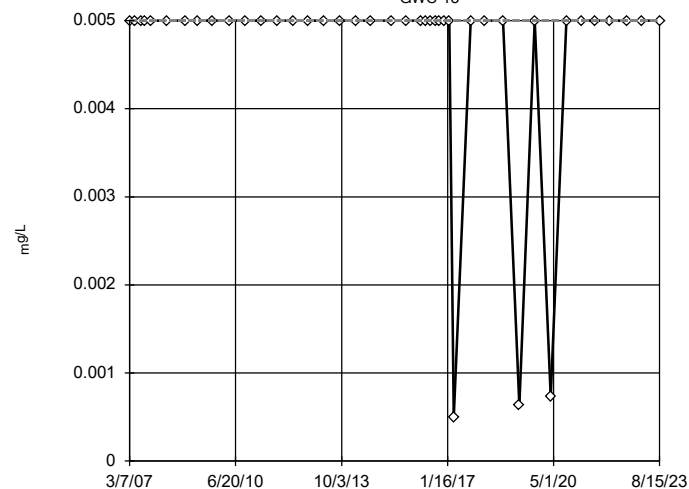
No outliers found.
Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Tukey's Outlier Screening

GWC-18



Constituent: Arsenic Analysis Run 2/29/2024 4:02 PM
Plant Hammond Data: Huffaker Road Landfill

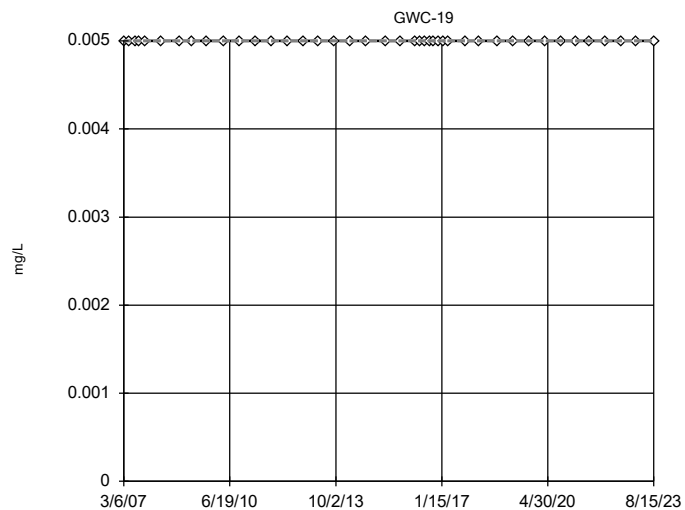
n = 42

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Tukey's Outlier Screening



n = 42

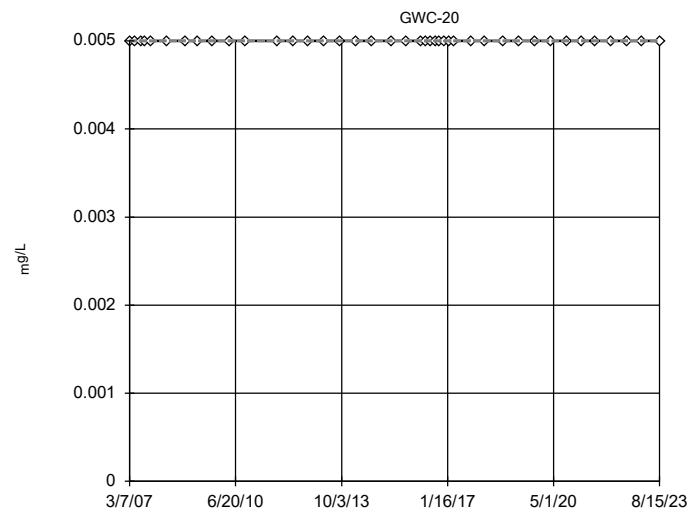
No outliers found.
Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 2/29/2024 4:02 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening



n = 41

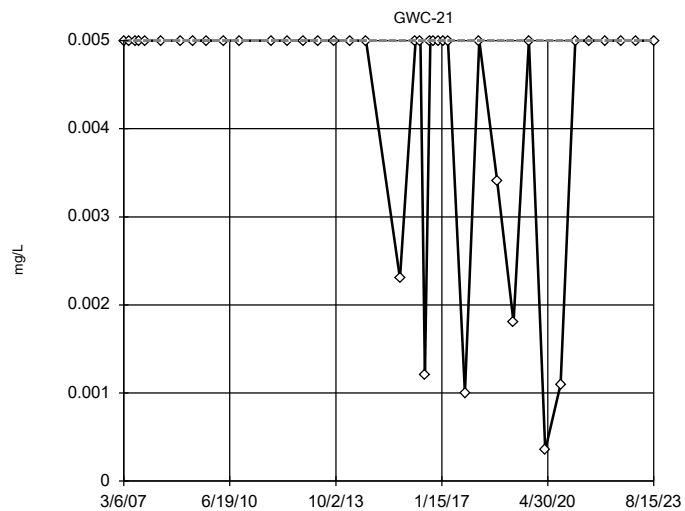
No outliers found.
Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 2/29/2024 4:02 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening



n = 40

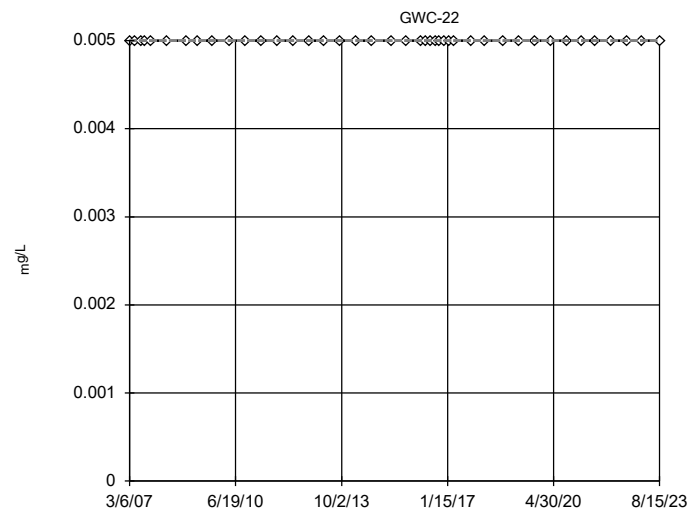
No outliers found.
Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 2/29/2024 4:02 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening



n = 42

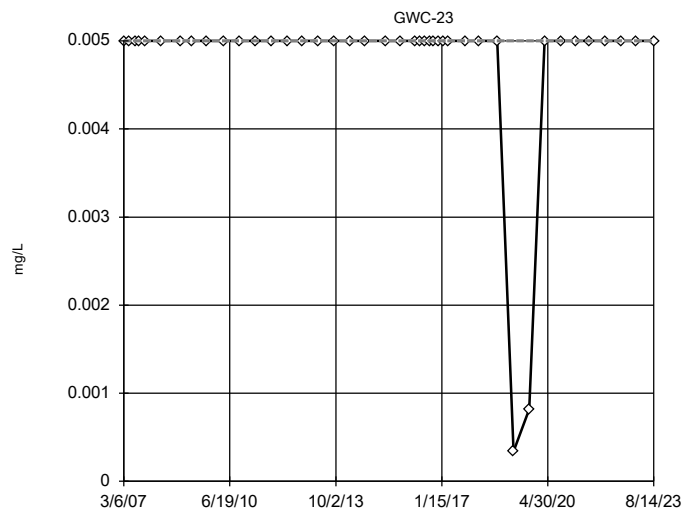
No outliers found.
Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 2/29/2024 4:02 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening



n = 42

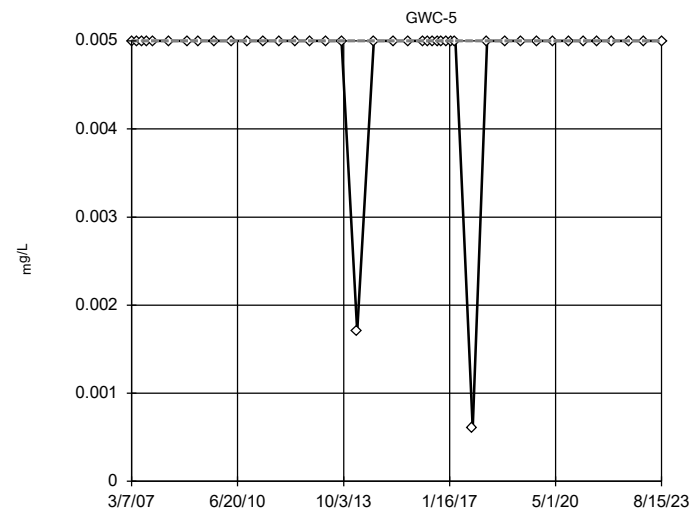
No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 2/29/2024 4:02 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening



n = 42

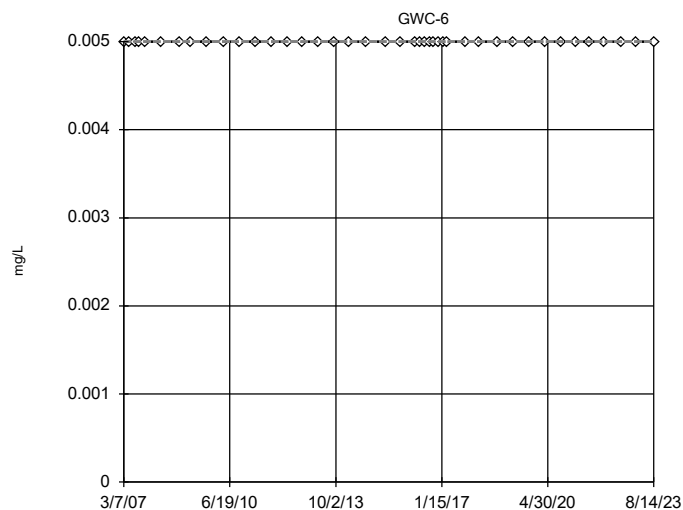
No outliers found.
Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 2/29/2024 4:02 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening



n = 42

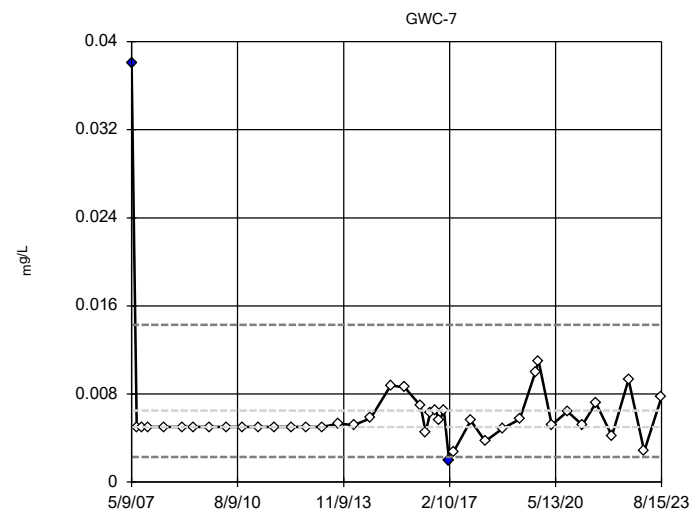
No outliers found.
Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 2/29/2024 4:02 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening



n = 42

Outliers are drawn as solid.
Tukey's method selected by user.

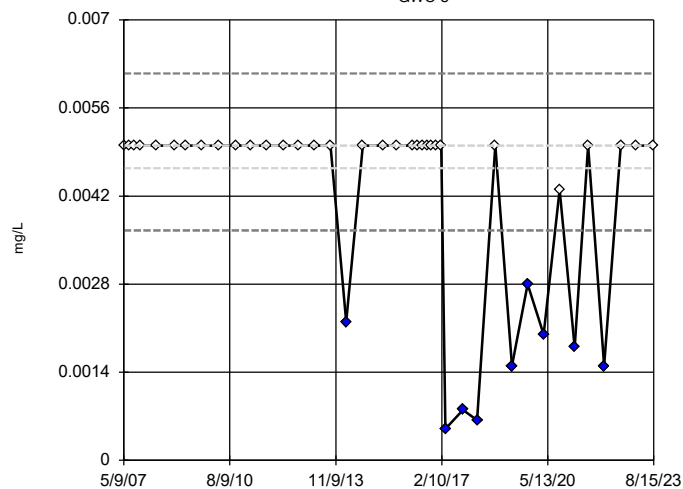
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.01428,
low cutoff = 0.002276,
based on IQR multiplier of 3.

Constituent: Arsenic Analysis Run 2/29/2024 4:02 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-8



n = 41

Outliers are drawn as solid.
Tukey's method selected by user.

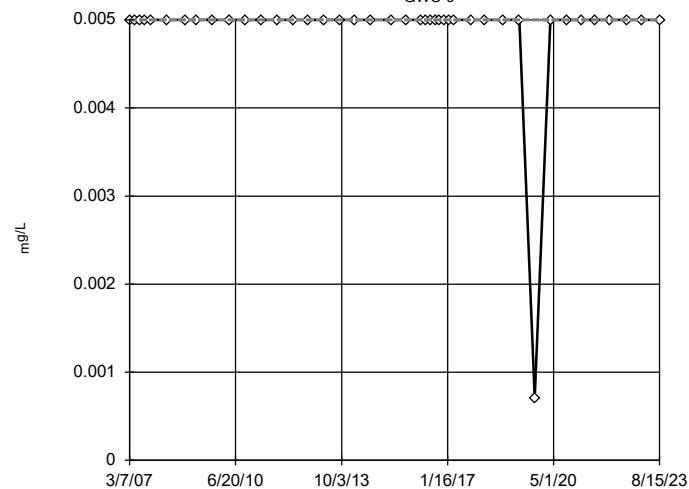
Data were square root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.006149,
low cutoff = 0.003653,
based on IQR multiplier of 3.

Constituent: Arsenic Analysis Run 2/29/2024 4:02 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-9



n = 42

No outliers found.
Tukey's method selected by user.

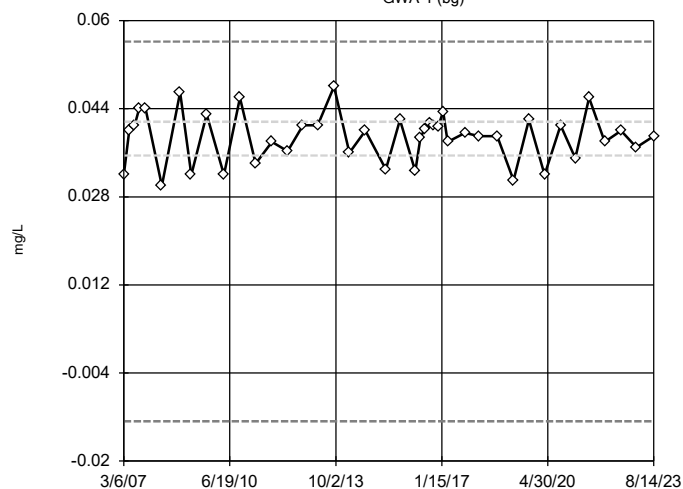
Data were x*6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 2/29/2024 4:02 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWA-1 (bg)



n = 42

No outliers found.
Tukey's method selected by user.

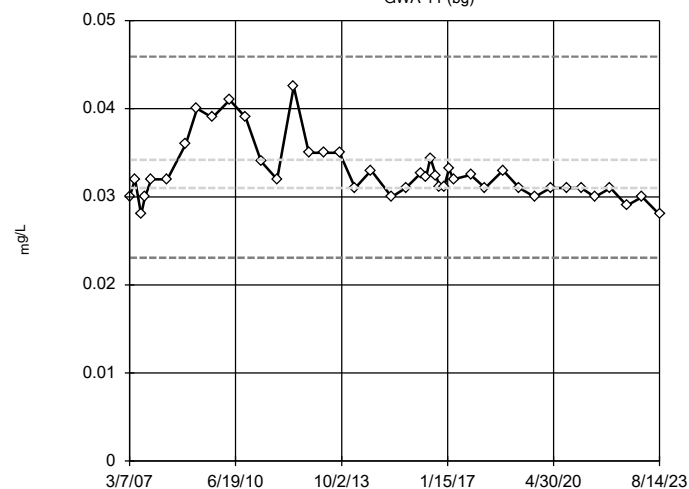
Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.0562,
low cutoff = -0.01275,
based on IQR multiplier of 3.

Constituent: Barium Analysis Run 2/29/2024 4:02 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWA-11 (bg)



n = 42

No outliers found.
Tukey's method selected by user.

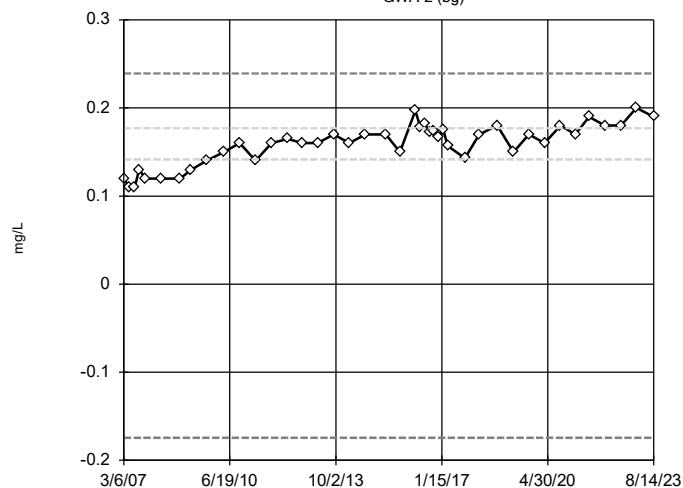
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.04592,
low cutoff = 0.02309,
based on IQR multiplier of 3.

Constituent: Barium Analysis Run 2/29/2024 4:02 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWA-2 (bg)



n = 42

No outliers found.
Tukey's method selected by user.

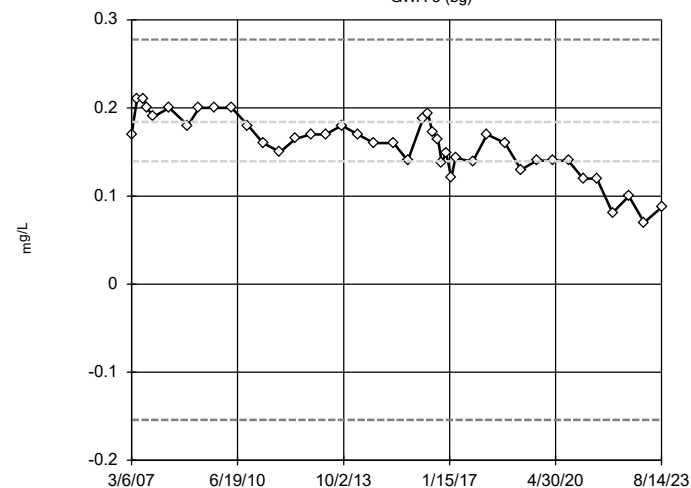
Data were cube transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.2392,
low cutoff = -0.1744,
based on IQR multiplier of 3.

Constituent: Barium Analysis Run 2/29/2024 4:02 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWA-3 (bg)



n = 42

No outliers found.
Tukey's method selected by user.

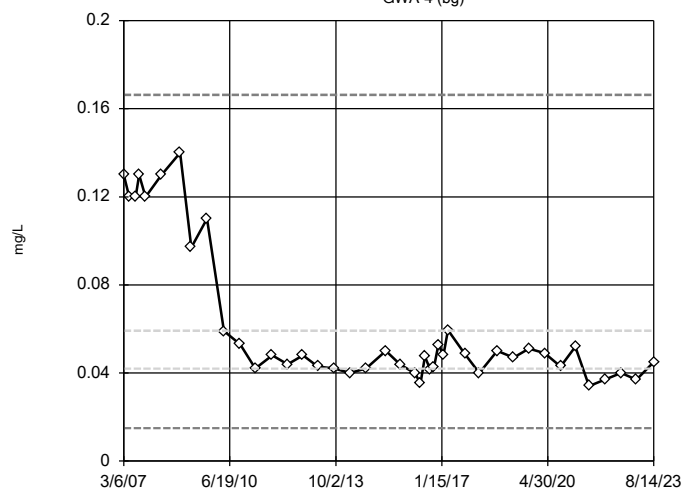
Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.2777,
low cutoff = -0.1542,
based on IQR multiplier of 3.

Constituent: Barium Analysis Run 2/29/2024 4:02 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWA-4 (bg)



n = 42

No outliers found.
Tukey's method selected by user.

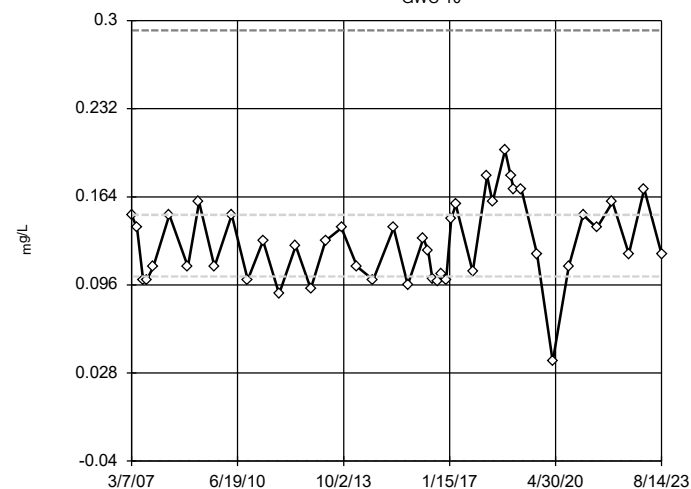
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.1663,
low cutoff = 0.01496,
based on IQR multiplier of 3.

Constituent: Barium Analysis Run 2/29/2024 4:02 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-10



n = 45

No outliers found.
Tukey's method selected by user.

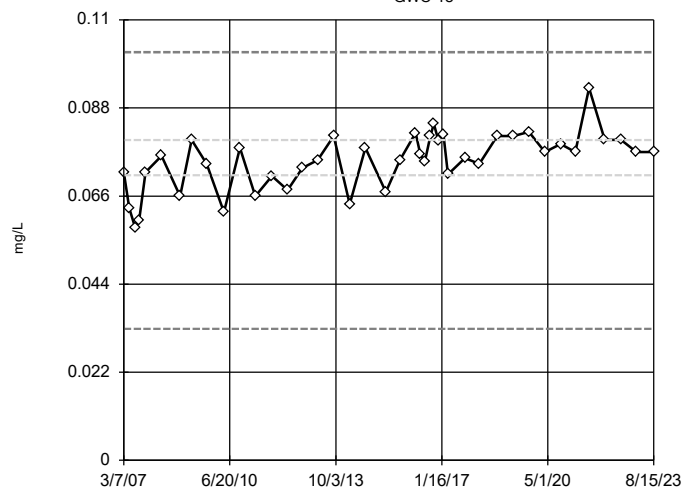
Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 0.2925,
low cutoff = -0.04, based
on IQR multiplier of 3.

Constituent: Barium Analysis Run 2/29/2024 4:02 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-18



n = 42

No outliers found.
Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.1019,
low cutoff = 0.03283,
based on IQR multiplier of 3.

Constituent: Barium Analysis Run 2/29/2024 4:02 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-19



n = 42

No outliers found.
Tukey's method selected by user.

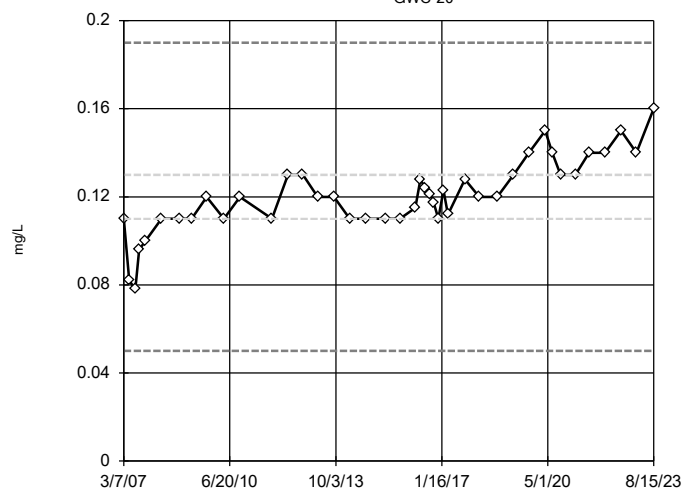
Data were x⁶ transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.1884,
low cutoff = -0.1791,
based on IQR multiplier of 3.

Constituent: Barium Analysis Run 2/29/2024 4:02 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-20



n = 42

No outliers found.
Tukey's method selected by user.

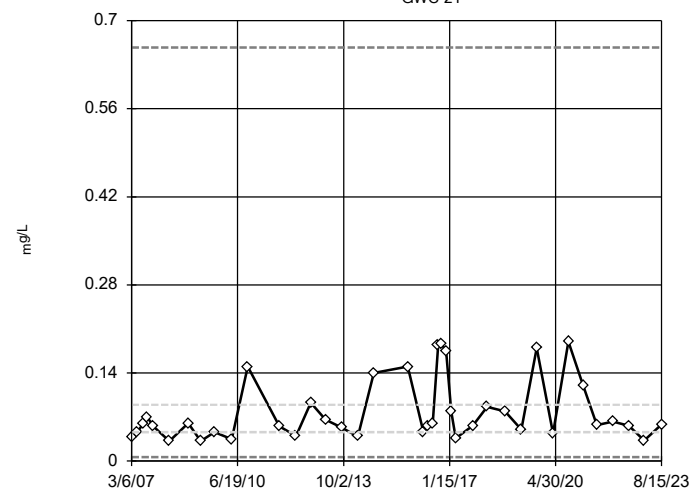
Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 0.19, low cutoff = 0.05, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 2/29/2024 4:02 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-21



n = 40

No outliers found.
Tukey's method selected by user.

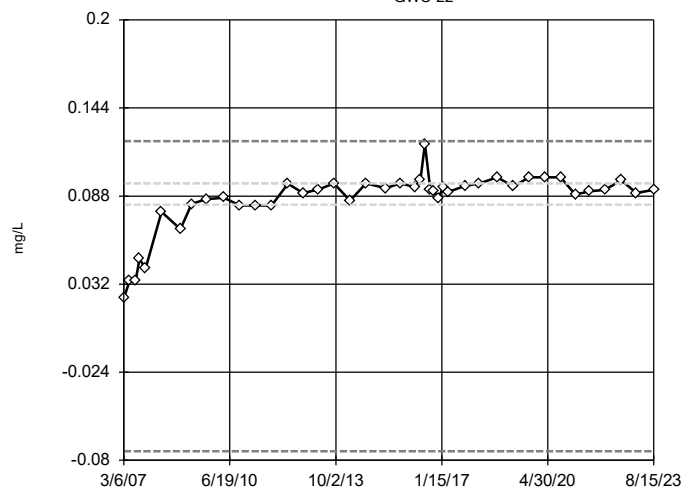
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.6572,
low cutoff = 0.00626,
based on IQR multiplier of 3.

Constituent: Barium Analysis Run 2/29/2024 4:02 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-22



Constituent: Barium Analysis Run 2/29/2024 4:02 PM
Plant Hammond Data: Huffaker Road Landfill

n = 42

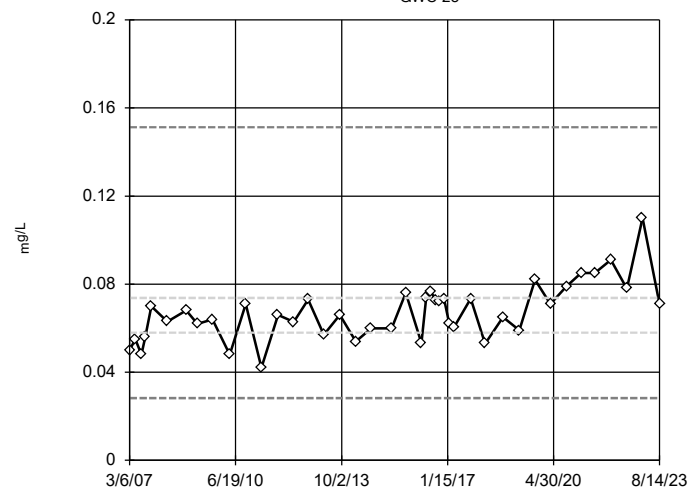
No outliers found.
Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.1229,
low cutoff = -0.07416,
based on IQR multiplier of 3.

Tukey's Outlier Screening

GWC-23



Constituent: Barium Analysis Run 2/29/2024 4:02 PM
Plant Hammond Data: Huffaker Road Landfill

n = 42

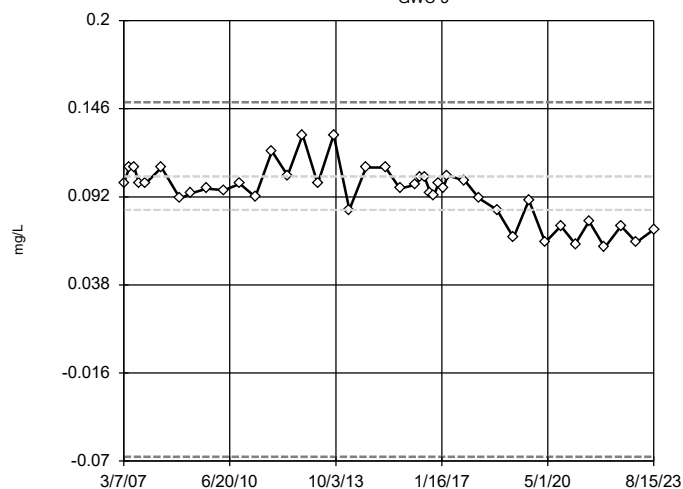
No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.1513,
low cutoff = 0.02825,
based on IQR multiplier of 3.

Tukey's Outlier Screening

GWC-5



Constituent: Barium Analysis Run 2/29/2024 4:02 PM
Plant Hammond Data: Huffaker Road Landfill

n = 42

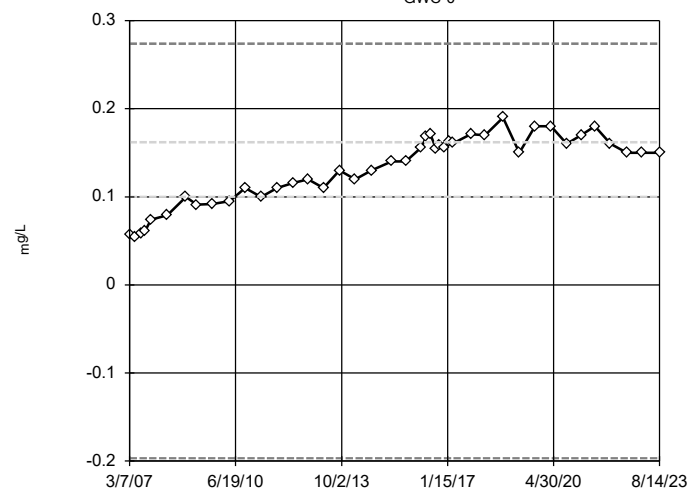
No outliers found.
Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.15, low cutoff = -0.06736,
based on IQR multiplier of 3.

Tukey's Outlier Screening

GWC-6



Constituent: Barium Analysis Run 2/29/2024 4:02 PM
Plant Hammond Data: Huffaker Road Landfill

n = 42

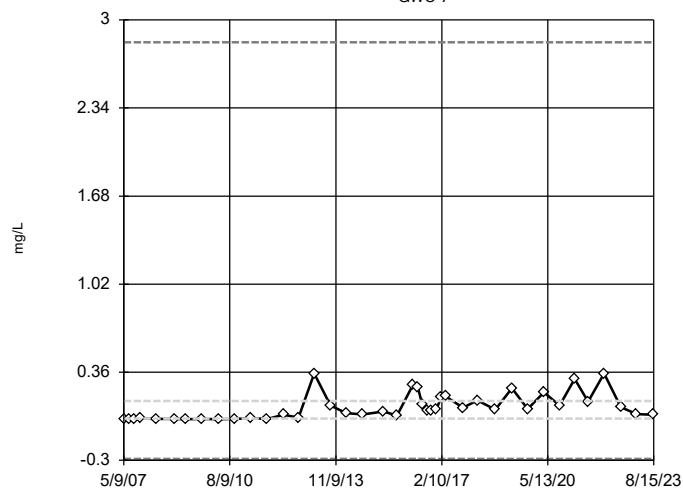
No outliers found.
Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.2738,
low cutoff = -0.1968,
based on IQR multiplier of 3.

Tukey's Outlier Screening

GWC-7



n = 41

No outliers found.
Tukey's method selected by user.

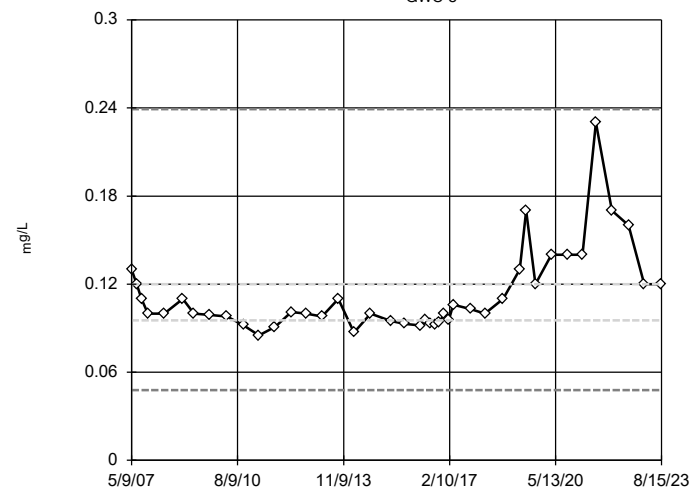
Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 2.832, low cutoff = -0.2885, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 2/29/2024 4:02 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-8



n = 42

No outliers found.
Tukey's method selected by user.

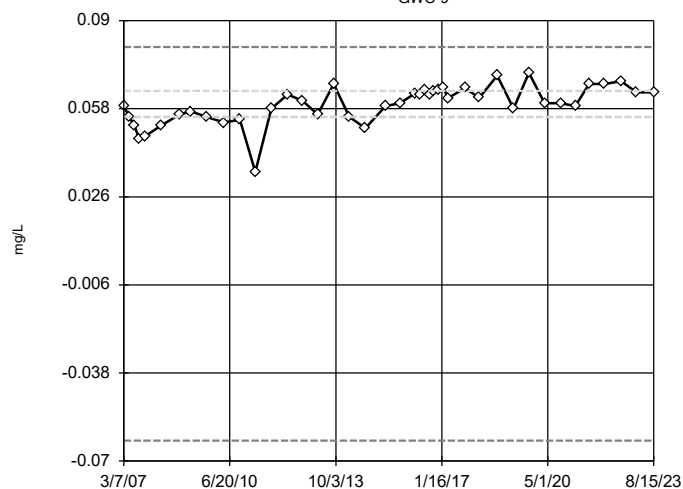
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.2392, low cutoff = 0.04783, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 2/29/2024 4:02 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-9



n = 42

No outliers found.
Tukey's method selected by user.

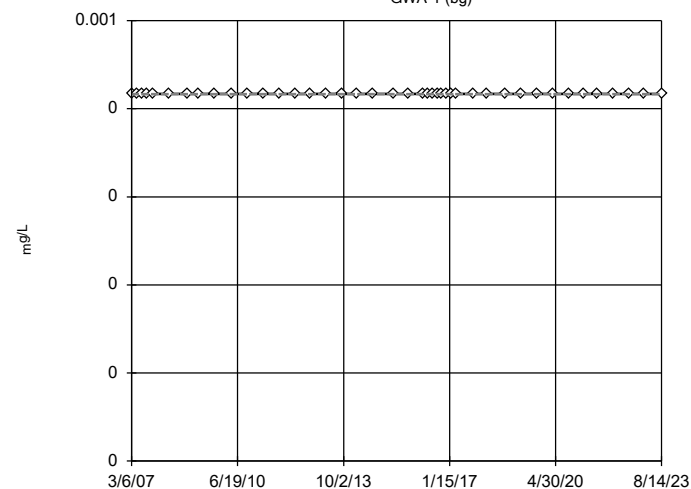
Data were x^4 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.0804, low cutoff = -0.06256, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 2/29/2024 4:02 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWA-1 (bg)



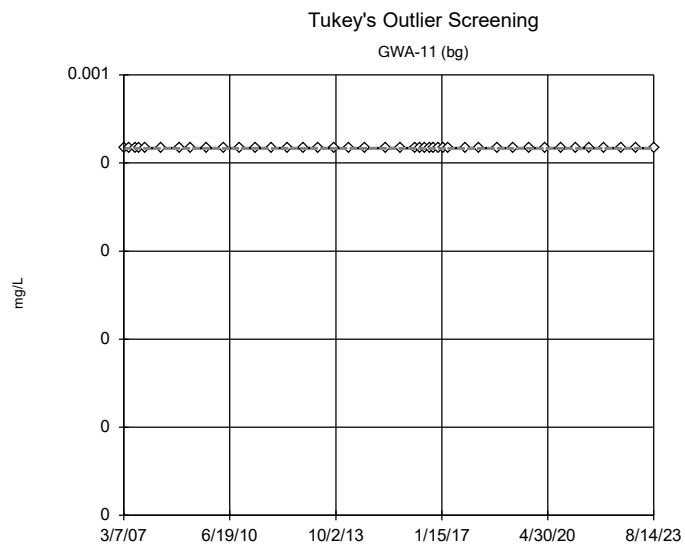
n = 42

No outliers found.
Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 2/29/2024 4:02 PM
Plant Hammond Data: Huffaker Road Landfill



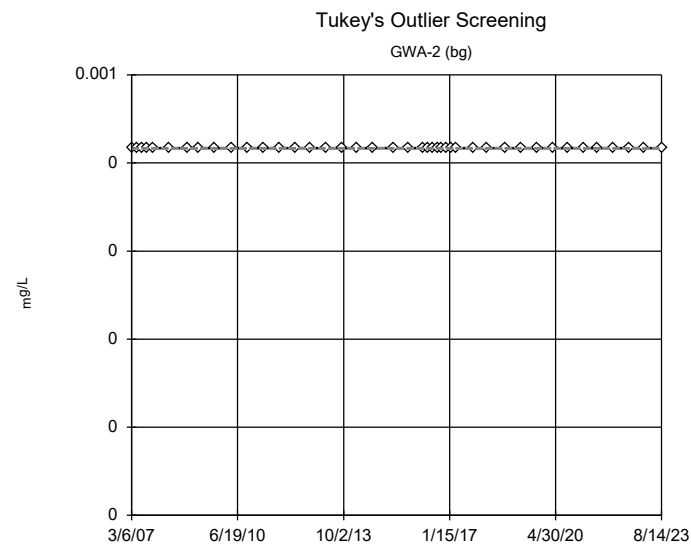
Constituent: Beryllium Analysis Run 2/29/2024 4:02 PM
Plant Hammond Data: Huffaker Road Landfill

n = 42

No outliers found.
Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.



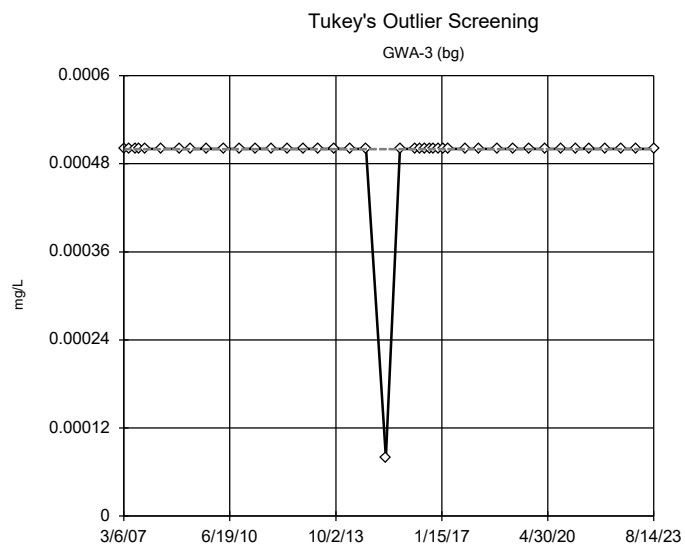
Constituent: Beryllium Analysis Run 2/29/2024 4:02 PM
Plant Hammond Data: Huffaker Road Landfill

n = 42

No outliers found.
Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.



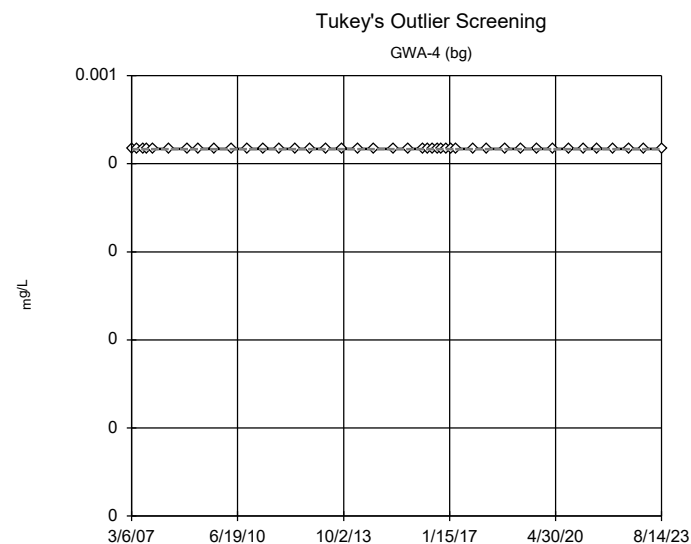
Constituent: Beryllium Analysis Run 2/29/2024 4:02 PM
Plant Hammond Data: Huffaker Road Landfill

n = 42

No outliers found.
Tukey's method selected by user.

Data were x⁴ transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.



Constituent: Beryllium Analysis Run 2/29/2024 4:02 PM
Plant Hammond Data: Huffaker Road Landfill

n = 42

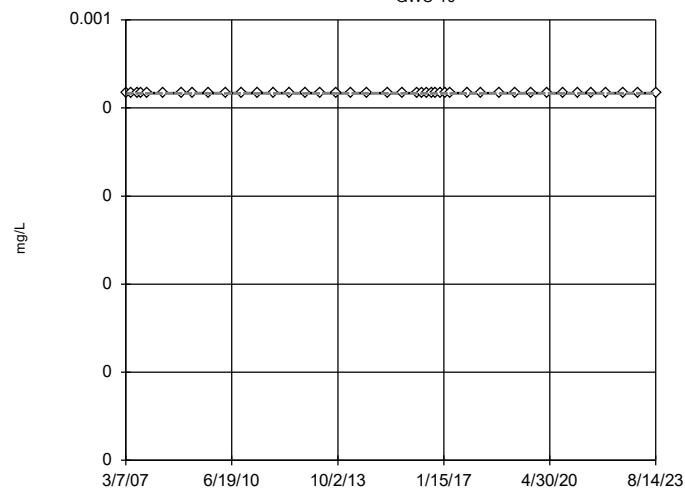
No outliers found.
Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Tukey's Outlier Screening

GWC-10



Constituent: Beryllium Analysis Run 2/29/2024 4:02 PM
Plant Hammond Data: Huffaker Road Landfill

n = 42

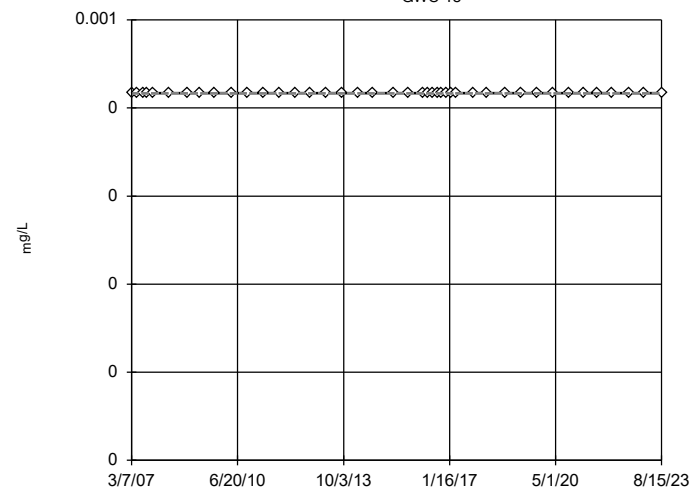
No outliers found.
Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Tukey's Outlier Screening

GWC-18



Constituent: Beryllium Analysis Run 2/29/2024 4:02 PM
Plant Hammond Data: Huffaker Road Landfill

n = 42

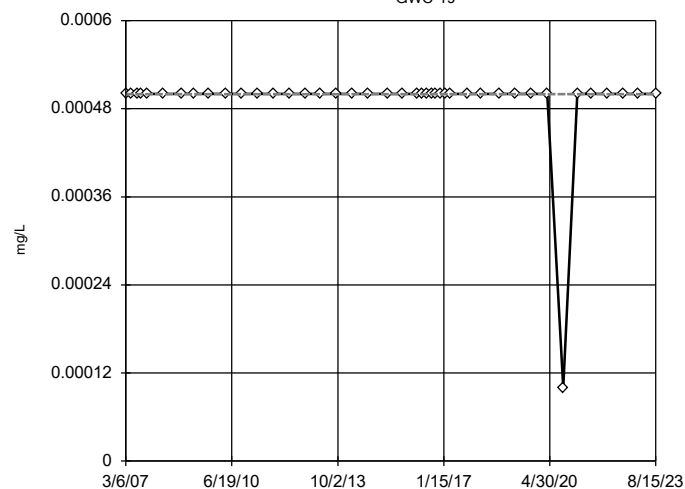
No outliers found.
Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Tukey's Outlier Screening

GWC-19



Constituent: Beryllium Analysis Run 2/29/2024 4:02 PM
Plant Hammond Data: Huffaker Road Landfill

n = 42

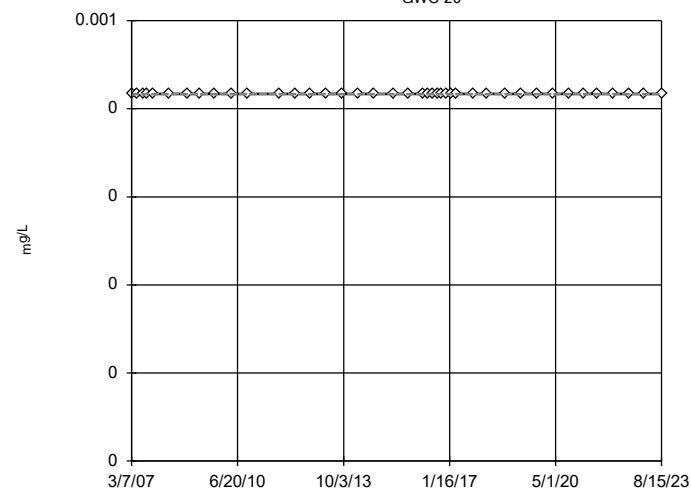
No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Tukey's Outlier Screening

GWC-20



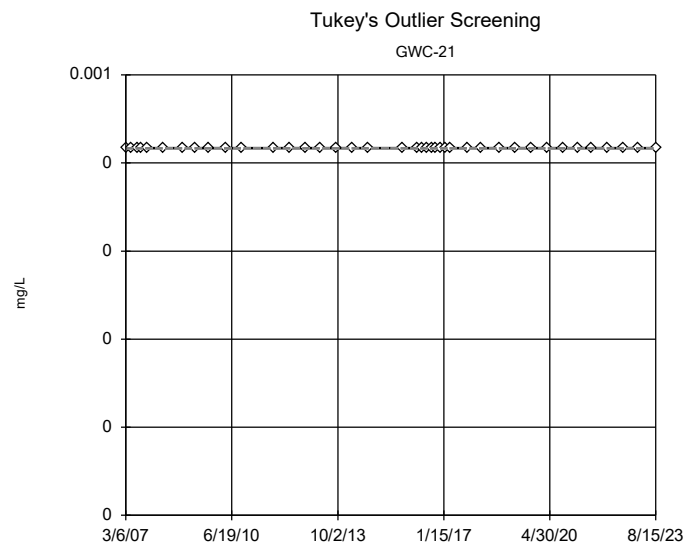
Constituent: Beryllium Analysis Run 2/29/2024 4:02 PM
Plant Hammond Data: Huffaker Road Landfill

n = 41

No outliers found.
Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.



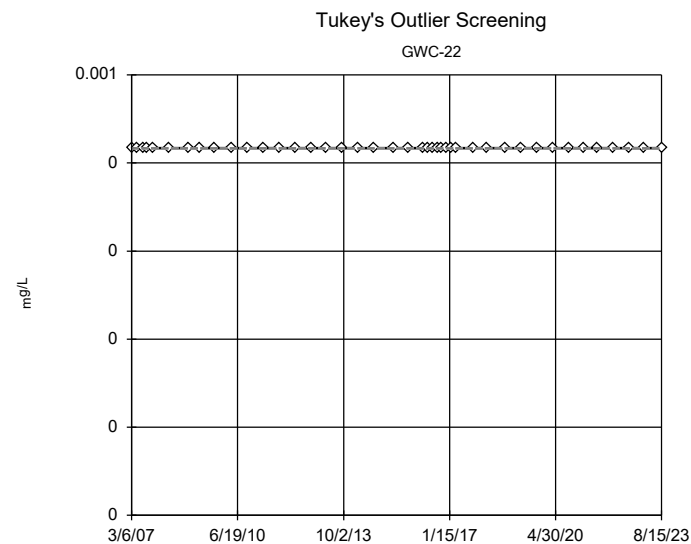
n = 40

No outliers found.
Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 2/29/2024 4:02 PM
Plant Hammond Data: Huffaker Road Landfill



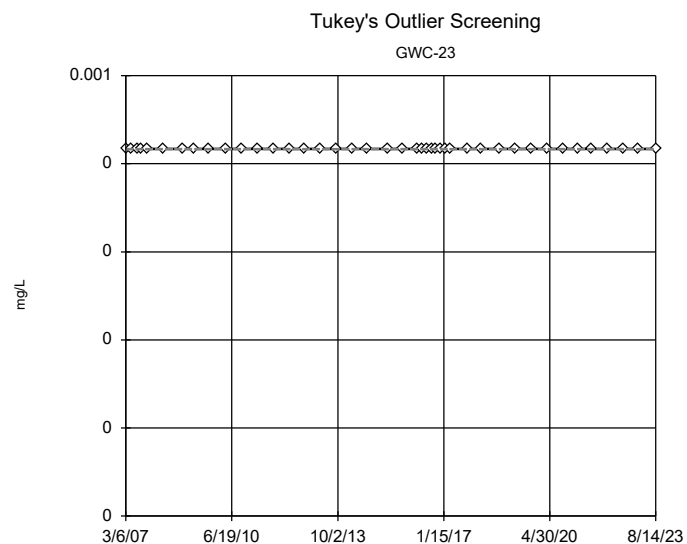
n = 42

No outliers found.
Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 2/29/2024 4:02 PM
Plant Hammond Data: Huffaker Road Landfill



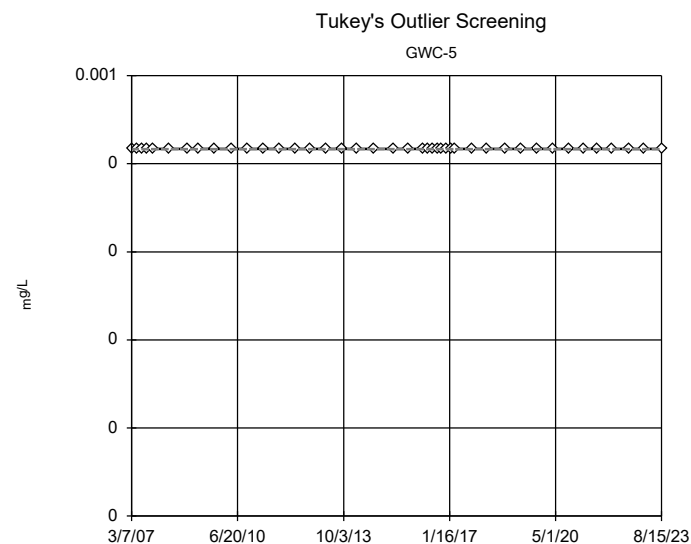
n = 42

No outliers found.
Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 2/29/2024 4:02 PM
Plant Hammond Data: Huffaker Road Landfill



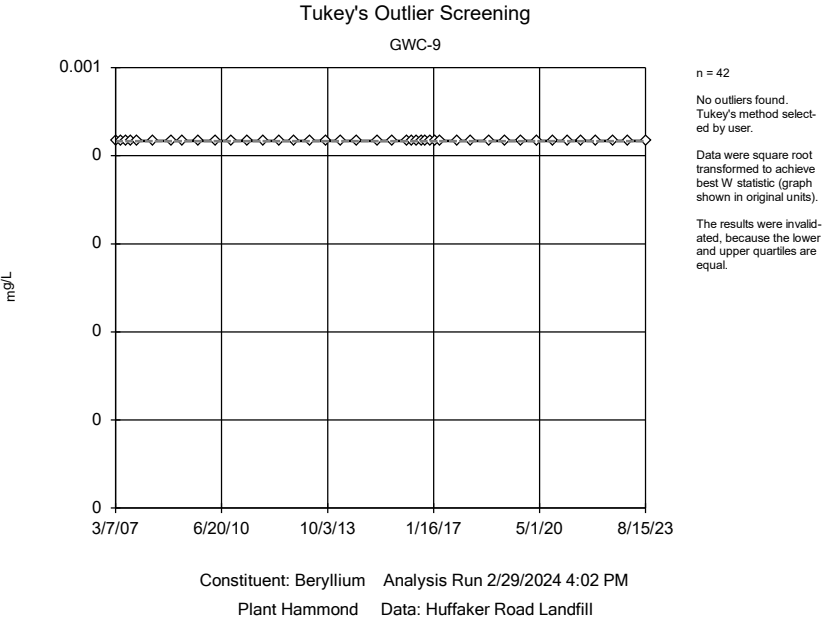
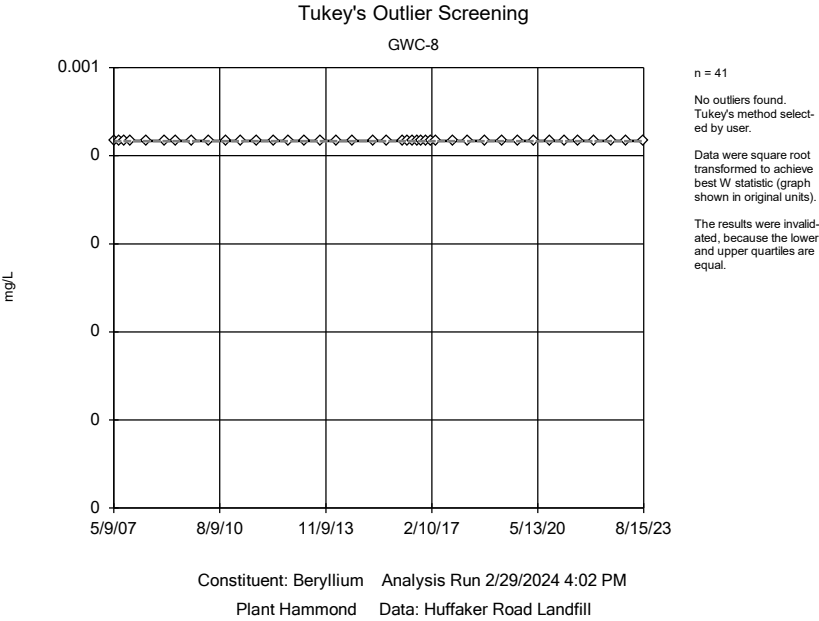
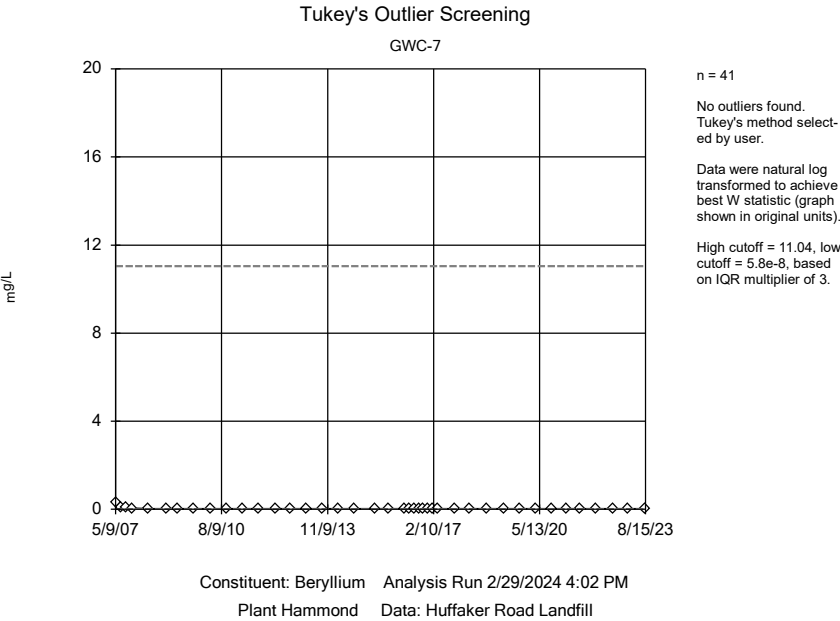
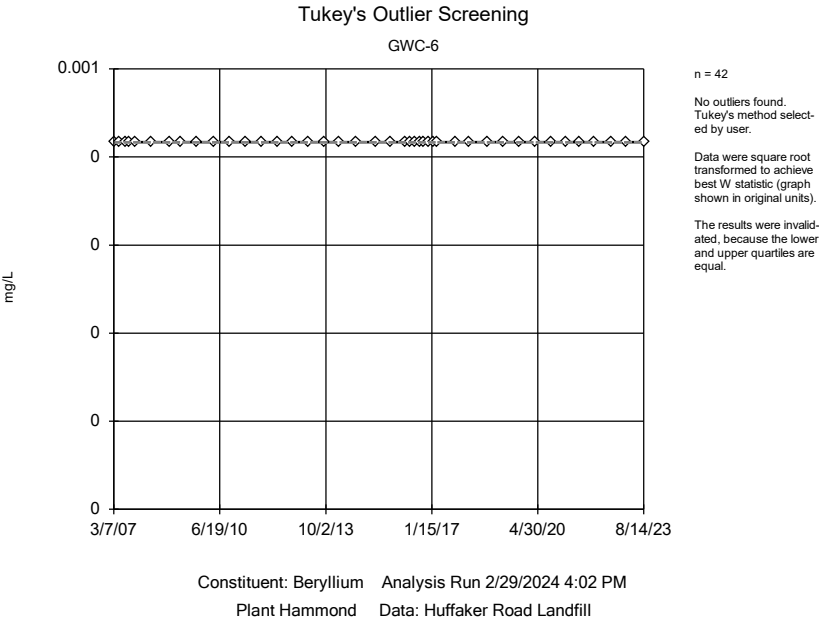
n = 42

No outliers found.
Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

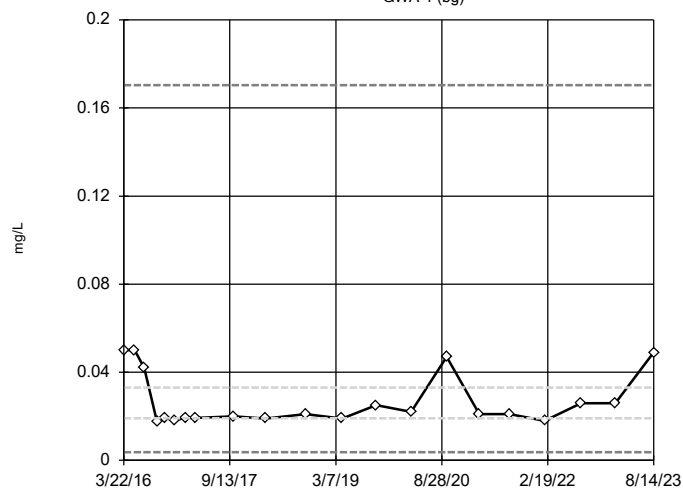
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 2/29/2024 4:02 PM
Plant Hammond Data: Huffaker Road Landfill



Tukey's Outlier Screening

GWA-1 (bg)



Constituent: Boron Analysis Run 2/29/2024 4:02 PM
Plant Hammond Data: Huffaker Road Landfill

n = 21

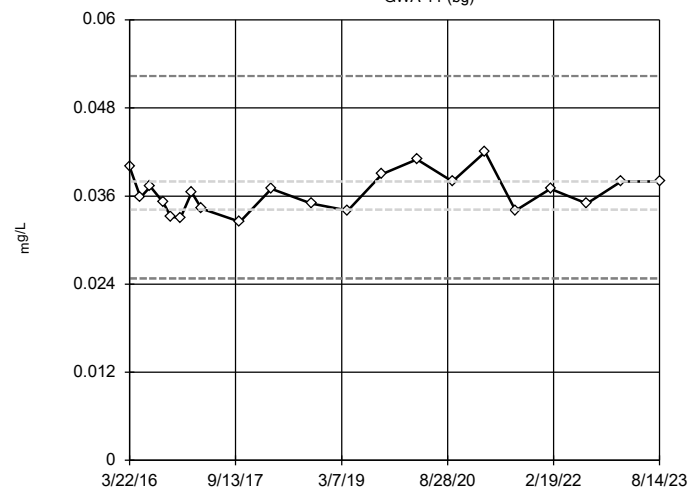
No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.1703,
low cutoff = 0.003701,
based on IQR multiplier of 3.

Tukey's Outlier Screening

GWA-11 (bg)



Constituent: Boron Analysis Run 2/29/2024 4:03 PM
Plant Hammond Data: Huffaker Road Landfill

n = 21

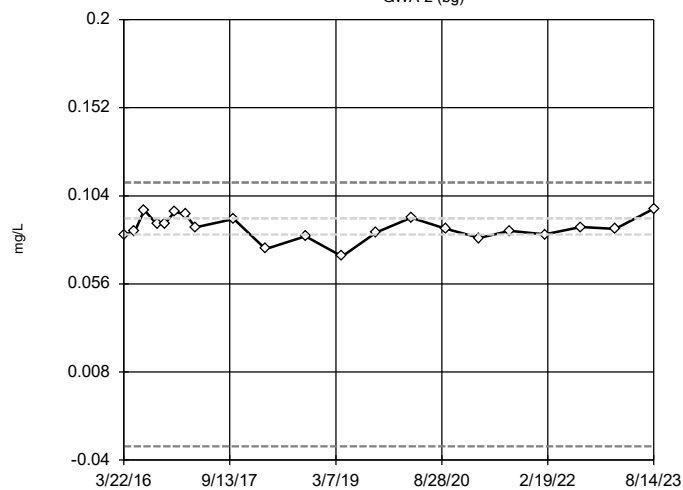
No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.05236,
low cutoff = 0.02479,
based on IQR multiplier of 3.

Tukey's Outlier Screening

GWA-2 (bg)



Constituent: Boron Analysis Run 2/29/2024 4:03 PM
Plant Hammond Data: Huffaker Road Landfill

n = 21

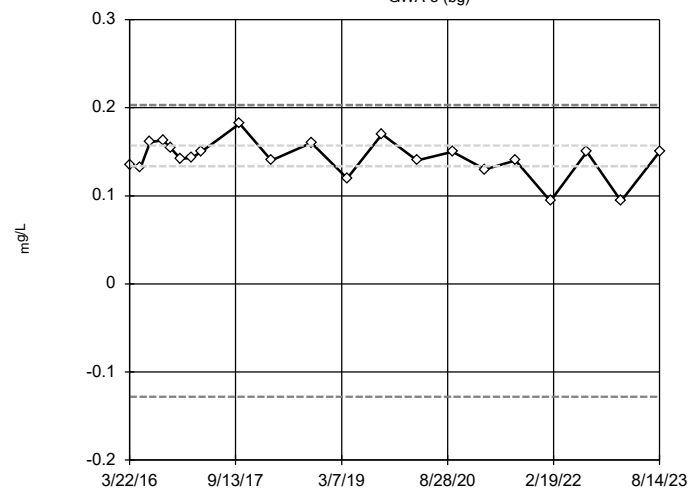
No outliers found.
Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.1112,
low cutoff = -0.03254,
based on IQR multiplier of 3.

Tukey's Outlier Screening

GWA-3 (bg)



Constituent: Boron Analysis Run 2/29/2024 4:03 PM
Plant Hammond Data: Huffaker Road Landfill

n = 21

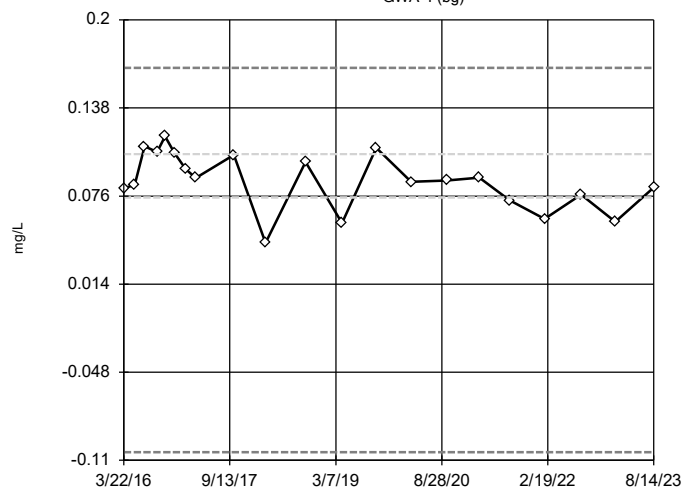
No outliers found.
Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.2029,
low cutoff = -0.1281,
based on IQR multiplier of 3.

Tukey's Outlier Screening

GWA-4 (bg)



n = 21

No outliers found.
Tukey's method selected by user.

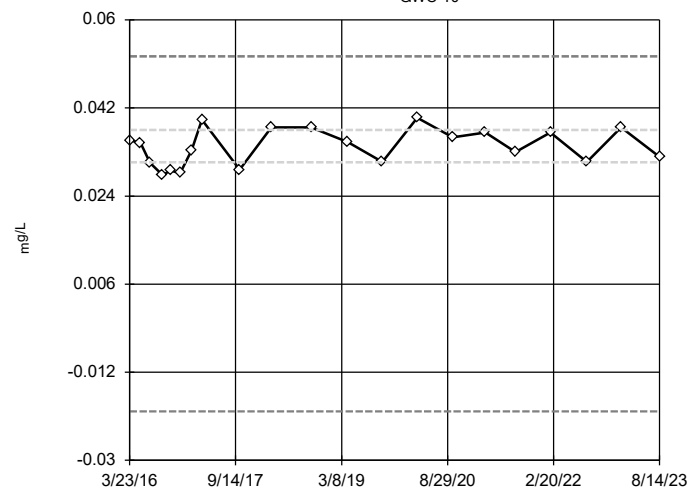
Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.1662,
low cutoff = -0.1043,
based on IQR multiplier of 3.

Constituent: Boron Analysis Run 2/29/2024 4:03 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-10



n = 21

No outliers found.
Tukey's method selected by user.

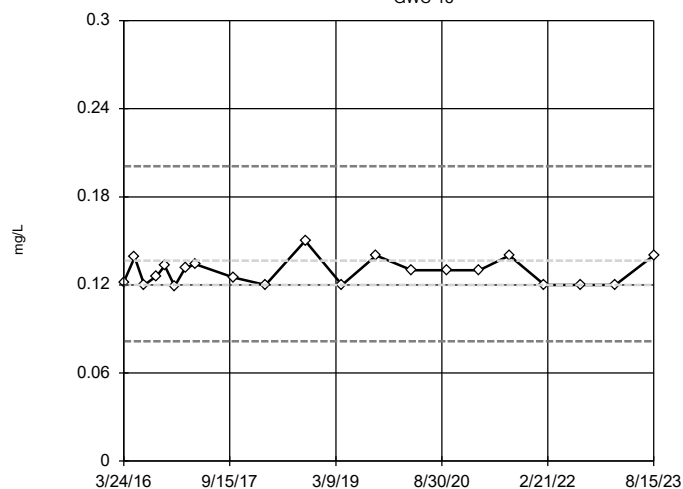
Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.05255,
low cutoff = -0.02001,
based on IQR multiplier of 3.

Constituent: Boron Analysis Run 2/29/2024 4:03 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-18



n = 21

No outliers found.
Tukey's method selected by user.

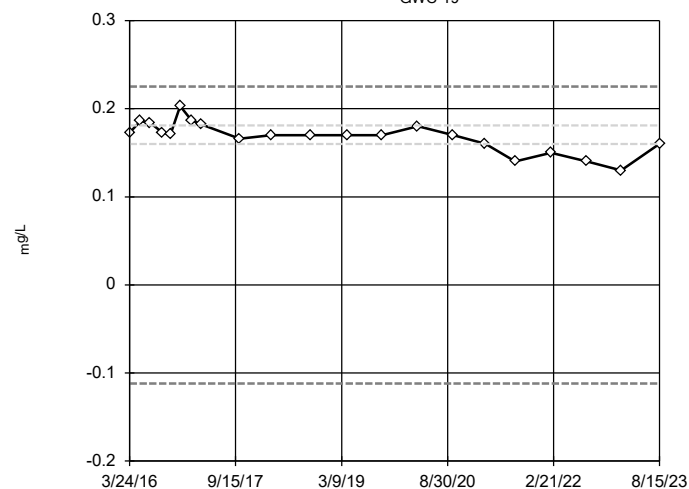
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.2008,
low cutoff = 0.08157,
based on IQR multiplier of 3.

Constituent: Boron Analysis Run 2/29/2024 4:03 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-19



n = 21

No outliers found.
Tukey's method selected by user.

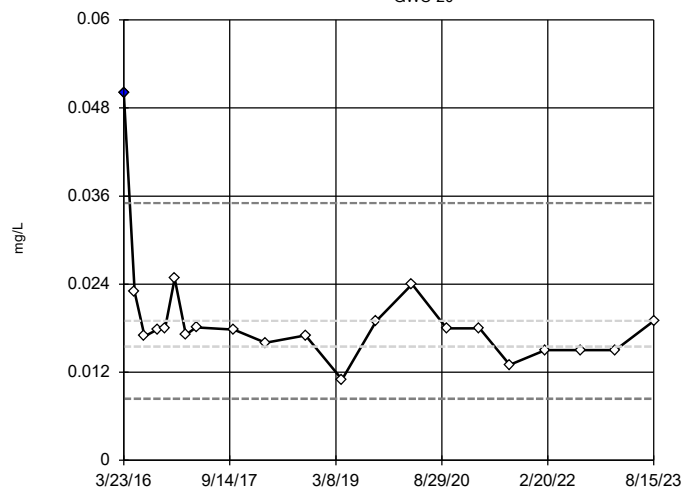
Data were cube transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.2253,
low cutoff = -0.1121,
based on IQR multiplier of 3.

Constituent: Boron Analysis Run 2/29/2024 4:03 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-20



n = 21

Outlier is drawn as solid.
Tukey's method selected by user.

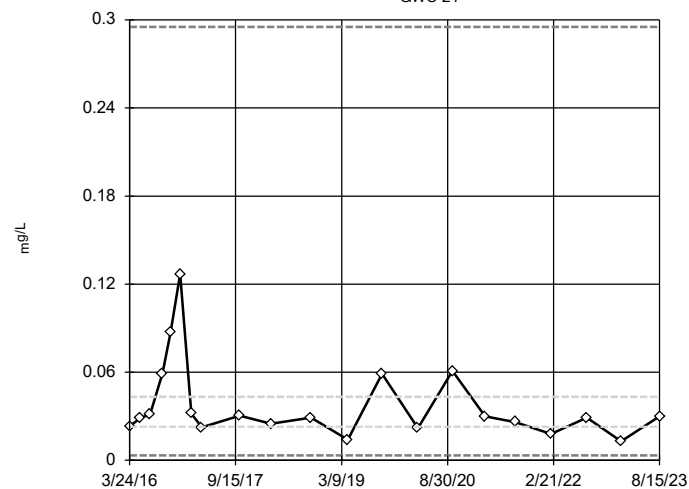
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.03505,
low cutoff = 0.008398,
based on IQR multiplier of 3.

Constituent: Boron Analysis Run 2/29/2024 4:03 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-21



n = 21

No outliers found.
Tukey's method selected by user.

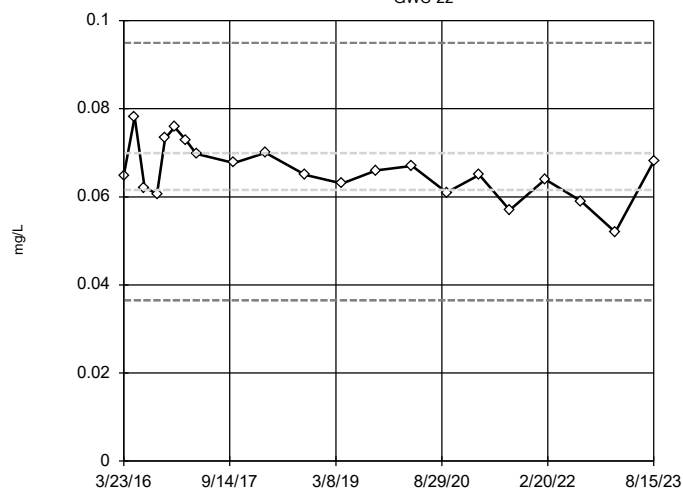
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.2952,
low cutoff = 0.003353,
based on IQR multiplier of 3.

Constituent: Boron Analysis Run 2/29/2024 4:03 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-22



n = 21

No outliers found.
Tukey's method selected by user.

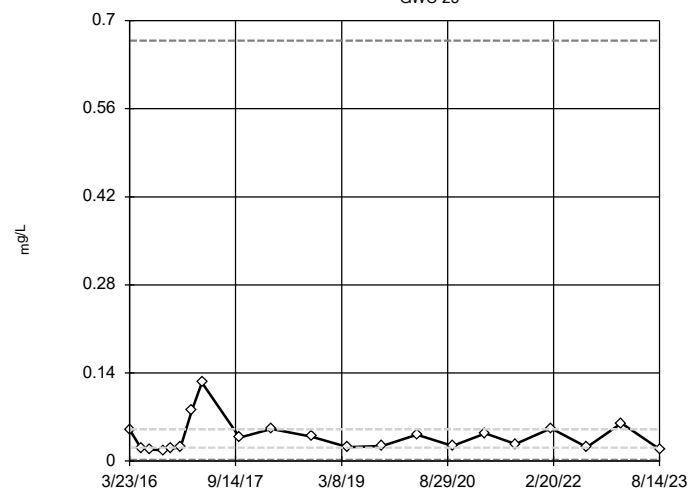
Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 0.09495,
low cutoff = 0.0365,
based on IQR multiplier of 3.

Constituent: Boron Analysis Run 2/29/2024 4:03 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-23



n = 21

No outliers found.
Tukey's method selected by user.

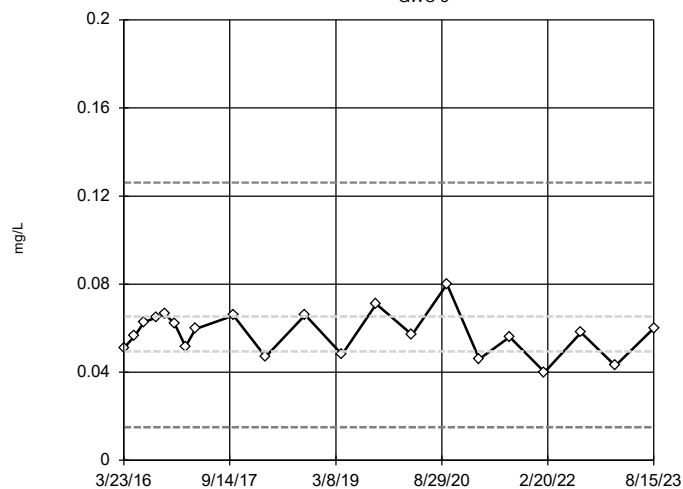
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.6682,
low cutoff = 0.001613,
based on IQR multiplier of 3.

Constituent: Boron Analysis Run 2/29/2024 4:03 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-5



n = 21

No outliers found.
Tukey's method selected by user.

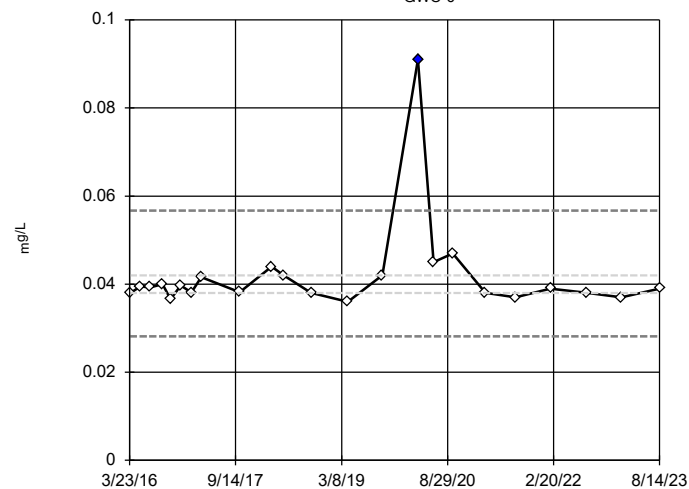
Data were square root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.1261,
low cutoff = 0.01508,
based on IQR multiplier of 3.

Constituent: Boron Analysis Run 2/29/2024 4:03 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-6



n = 23

Outlier is drawn as solid.
Tukey's method selected by user.

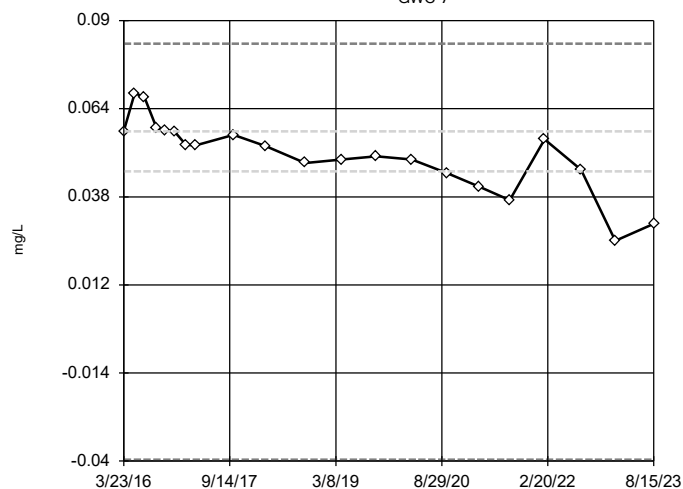
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.05671,
low cutoff = 0.02814,
based on IQR multiplier of 3.

Constituent: Boron Analysis Run 2/29/2024 4:03 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-7



n = 21

No outliers found.
Tukey's method selected by user.

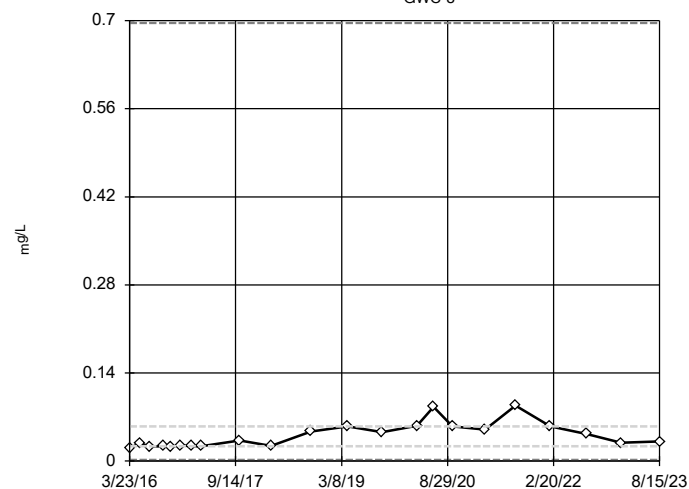
Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.0832,
low cutoff = -0.0396,
based on IQR multiplier of 3.

Constituent: Boron Analysis Run 2/29/2024 4:03 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-8



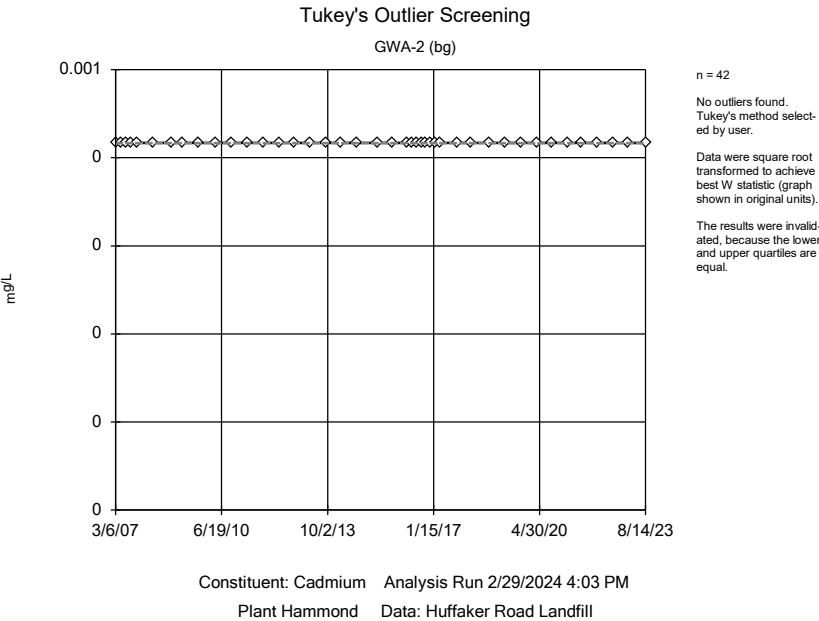
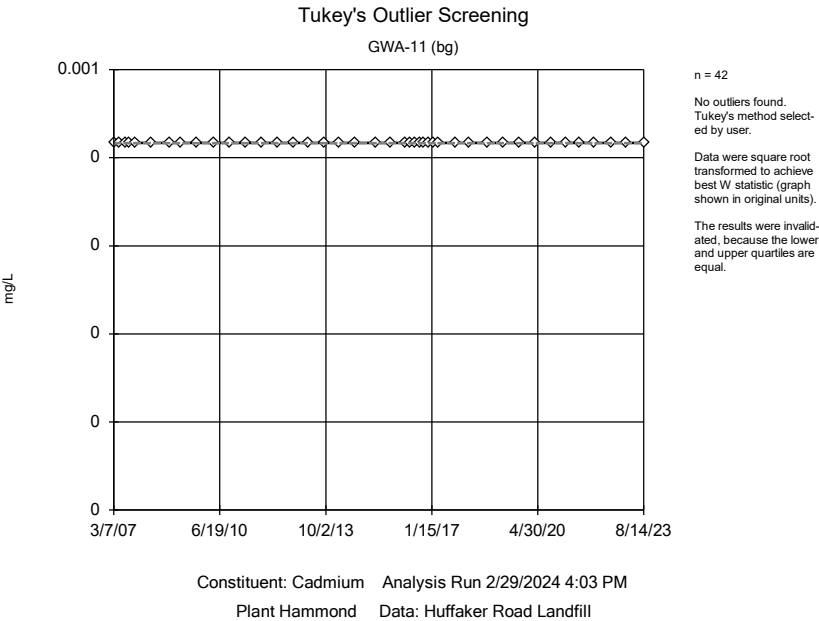
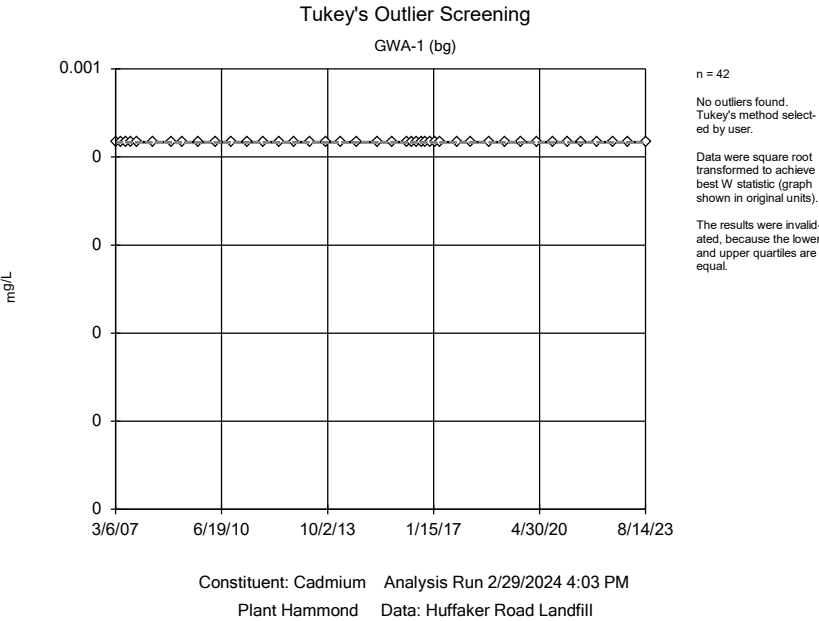
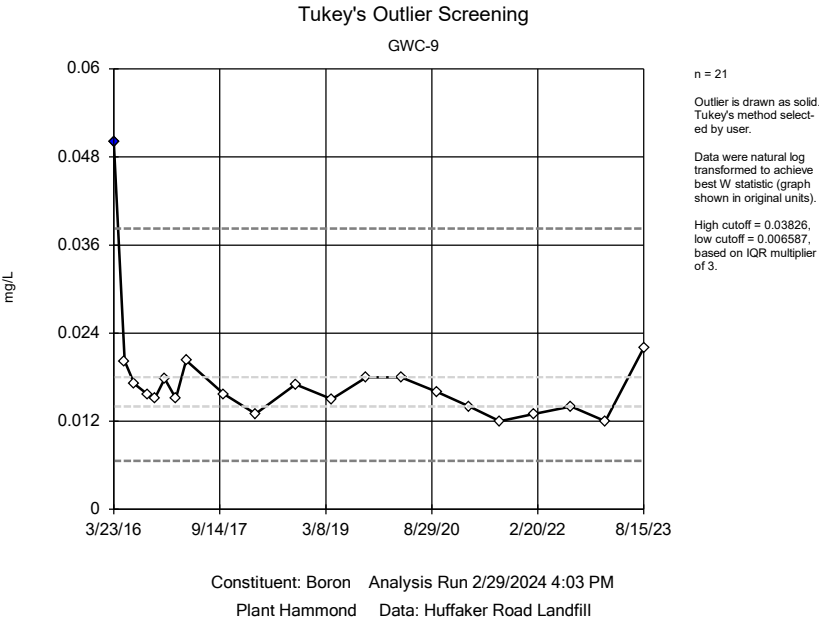
n = 22

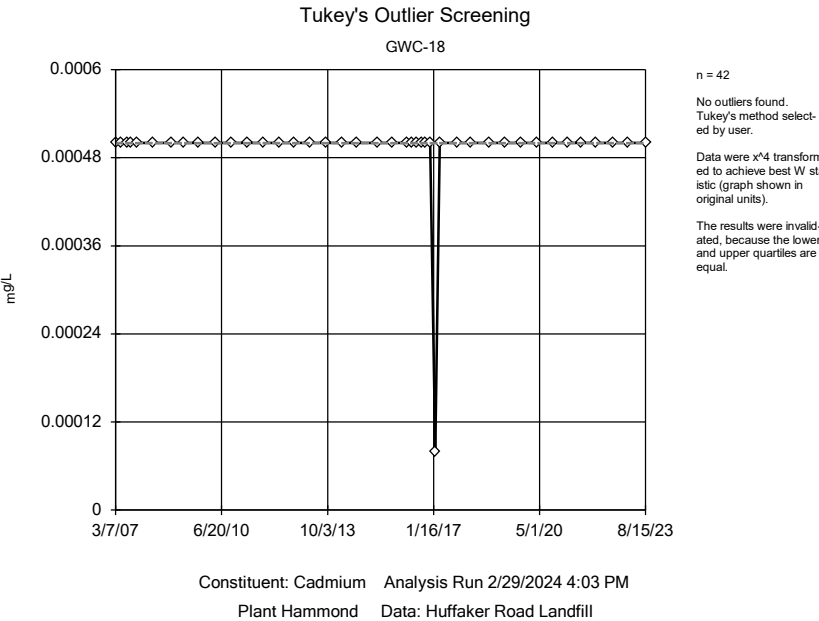
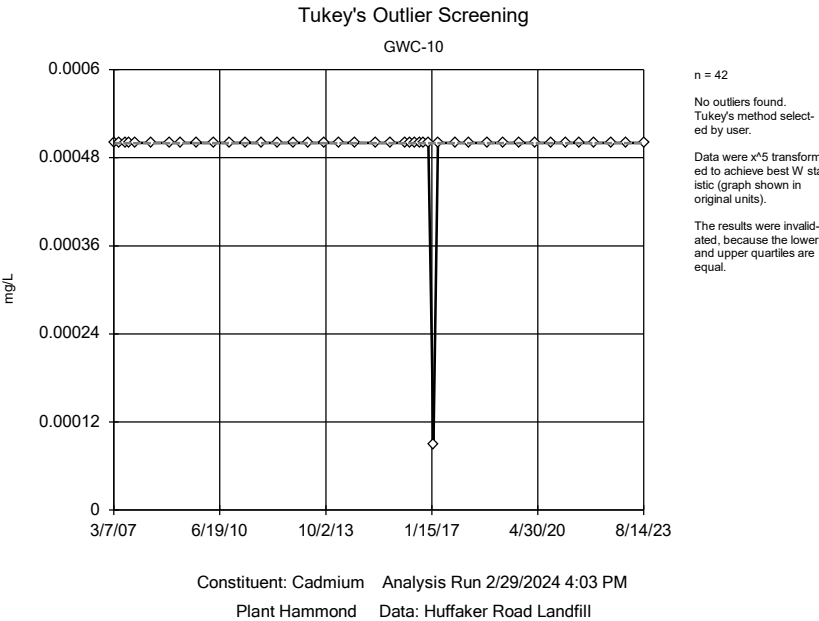
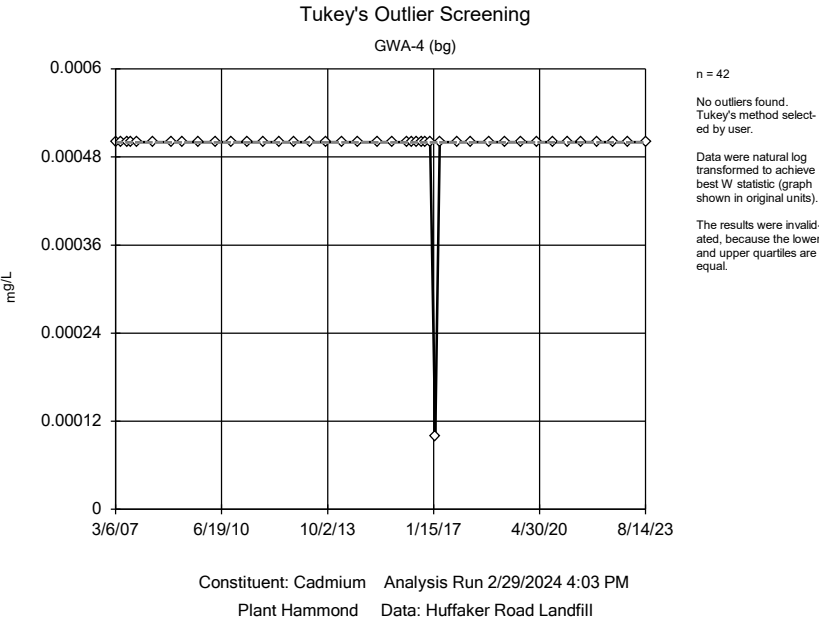
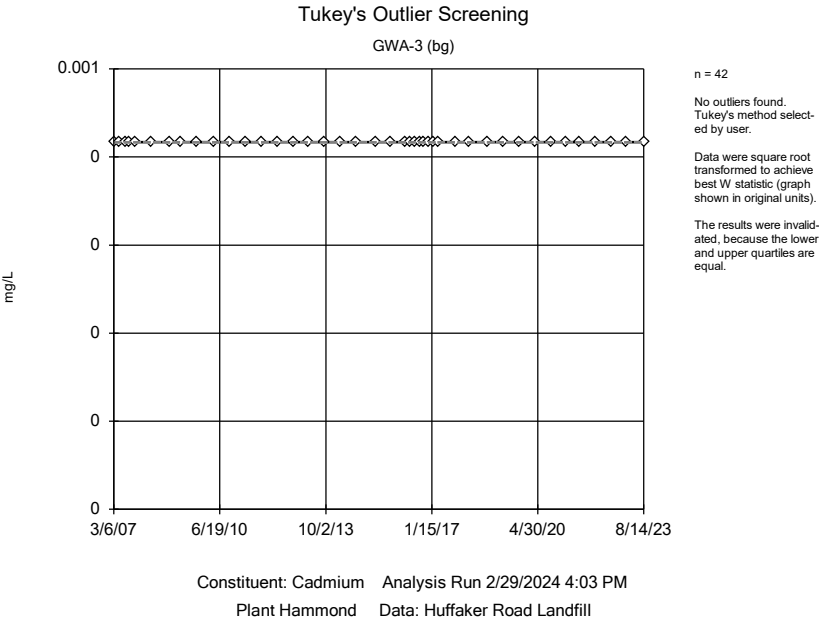
No outliers found.
Tukey's method selected by user.

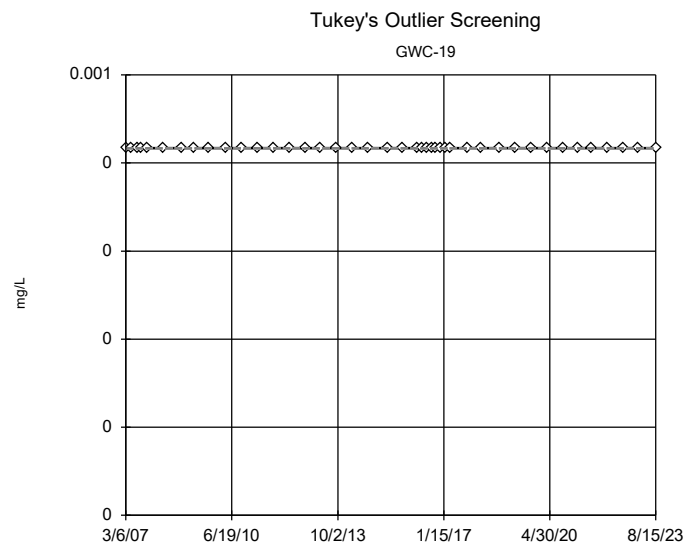
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.6962,
low cutoff = 0.001864,
based on IQR multiplier of 3.

Constituent: Boron Analysis Run 2/29/2024 4:03 PM
Plant Hammond Data: Huffaker Road Landfill







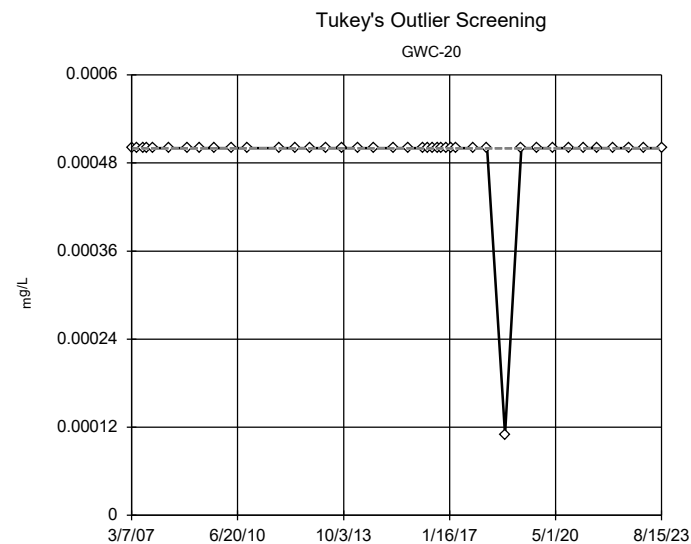
Constituent: Cadmium Analysis Run 2/29/2024 4:03 PM
Plant Hammond Data: Huffaker Road Landfill

n = 42

No outliers found.
Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.



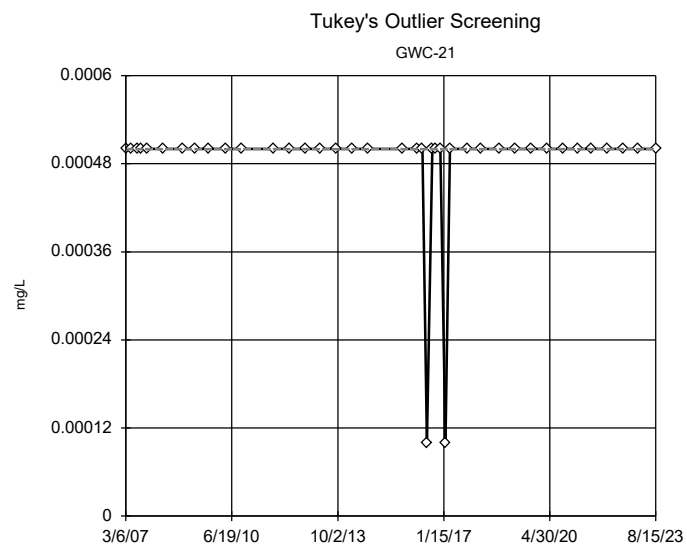
Constituent: Cadmium Analysis Run 2/29/2024 4:03 PM
Plant Hammond Data: Huffaker Road Landfill

n = 41

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.



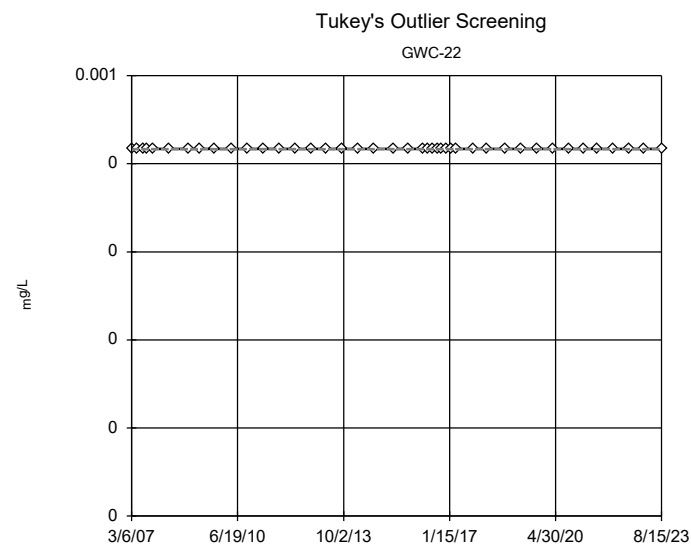
Constituent: Cadmium Analysis Run 2/29/2024 4:03 PM
Plant Hammond Data: Huffaker Road Landfill

n = 40

No outliers found.
Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.



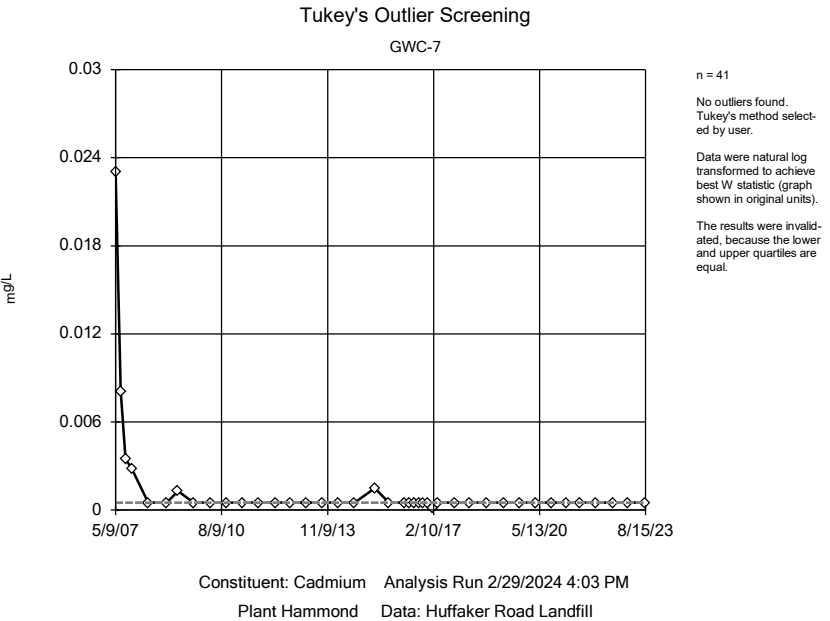
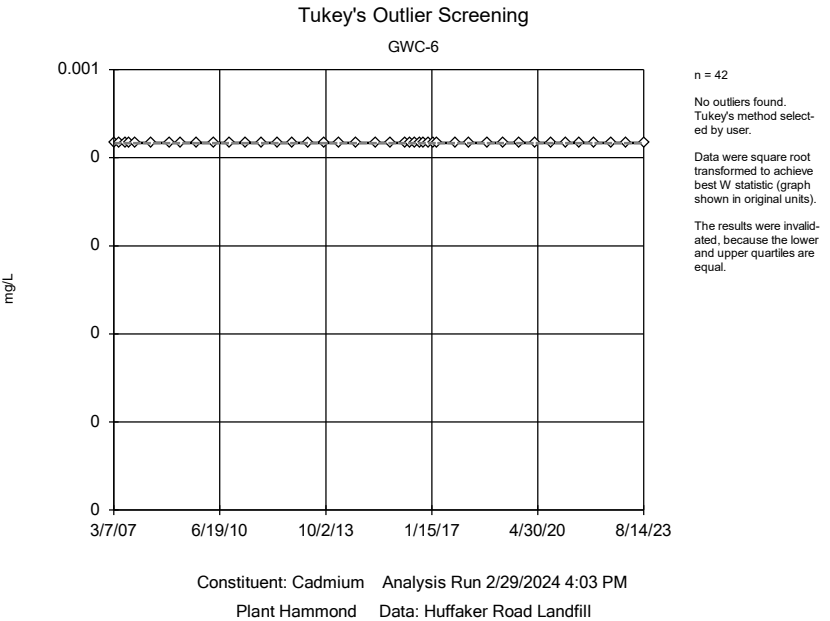
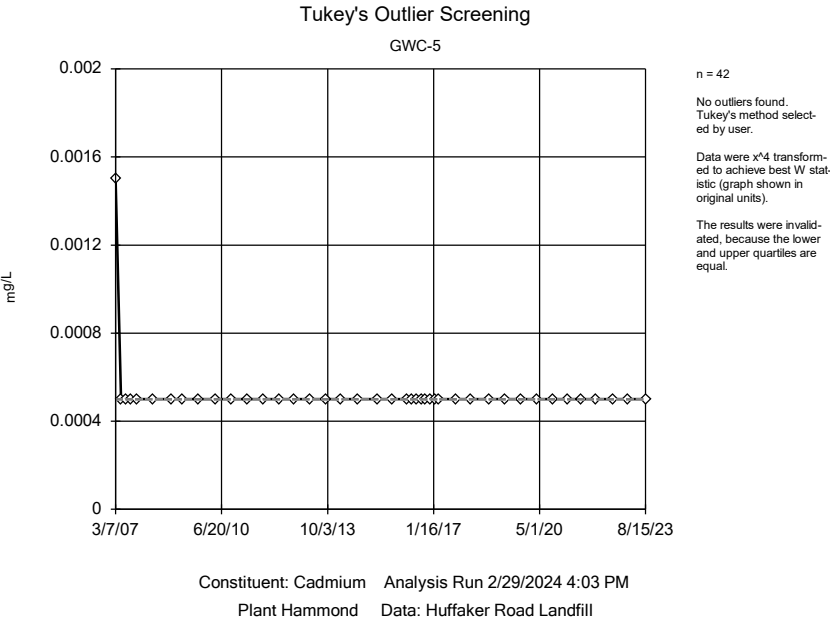
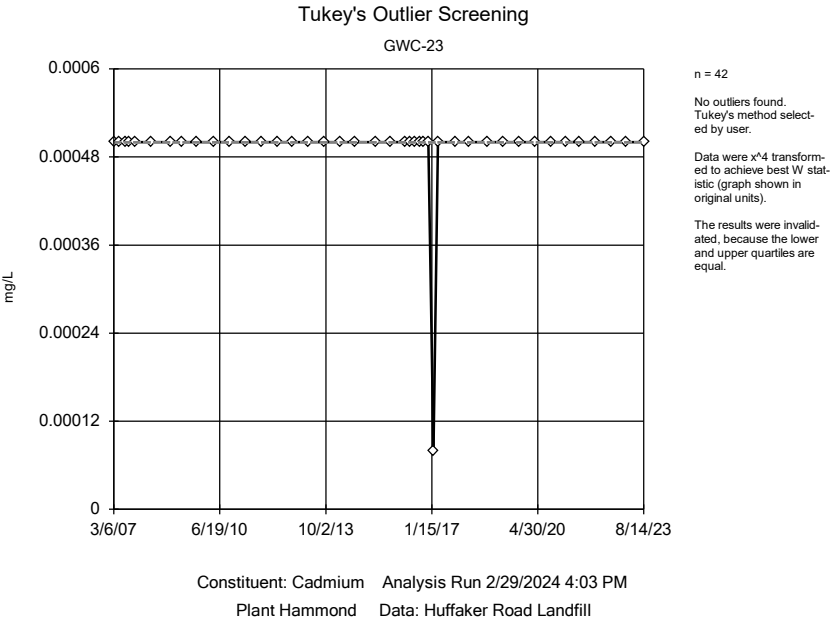
Constituent: Cadmium Analysis Run 2/29/2024 4:03 PM
Plant Hammond Data: Huffaker Road Landfill

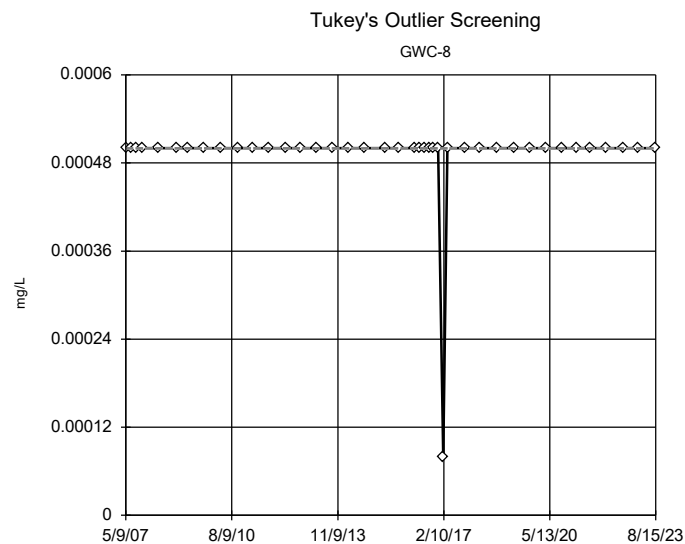
n = 42

No outliers found.
Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.





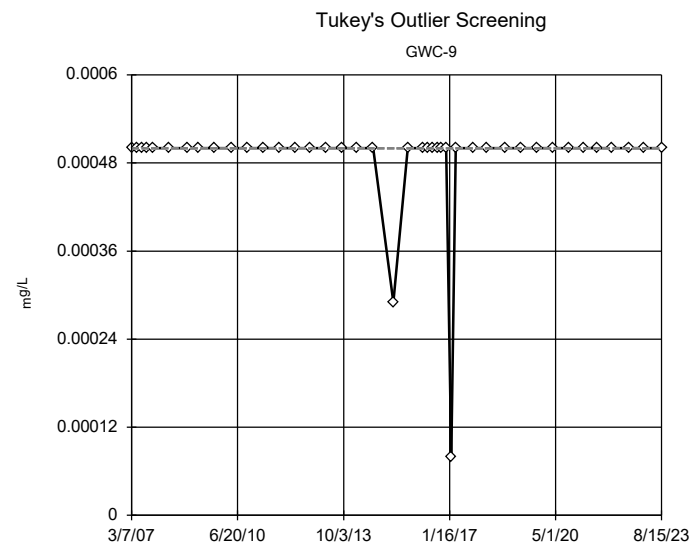
n = 41

No outliers found.
Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cadmium Analysis Run 2/29/2024 4:03 PM
Plant Hammond Data: Huffaker Road Landfill



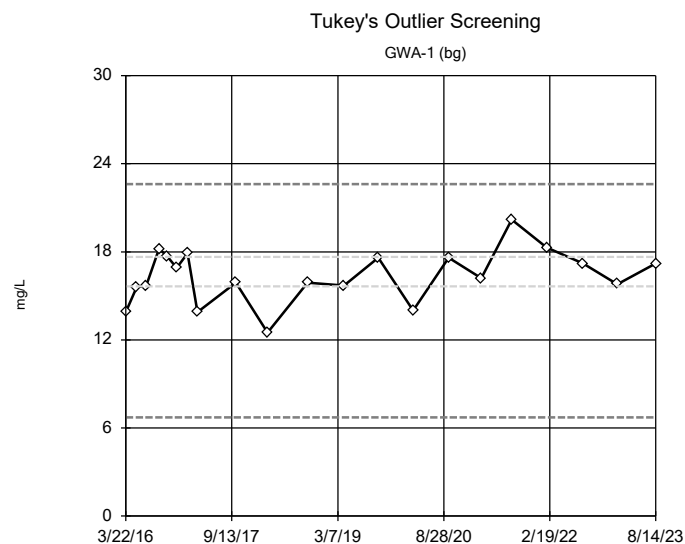
n = 42

No outliers found.
Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cadmium Analysis Run 2/29/2024 4:03 PM
Plant Hammond Data: Huffaker Road Landfill



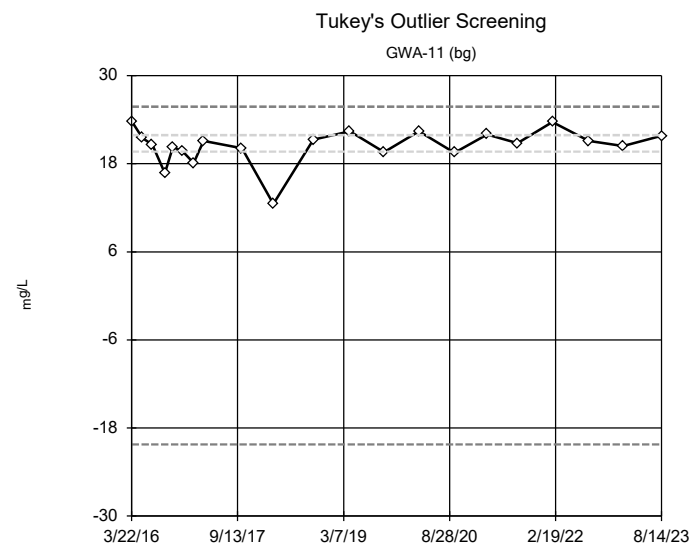
n = 21

No outliers found.
Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 22.61, low cutoff = 6.718, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 2/29/2024 4:03 PM
Plant Hammond Data: Huffaker Road Landfill



n = 21

No outliers found.
Tukey's method selected by user.

Data were x⁵ transformed to achieve best W statistic (graph shown in original units).

High cutoff = 25.77, low cutoff = -20.24, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 2/29/2024 4:03 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

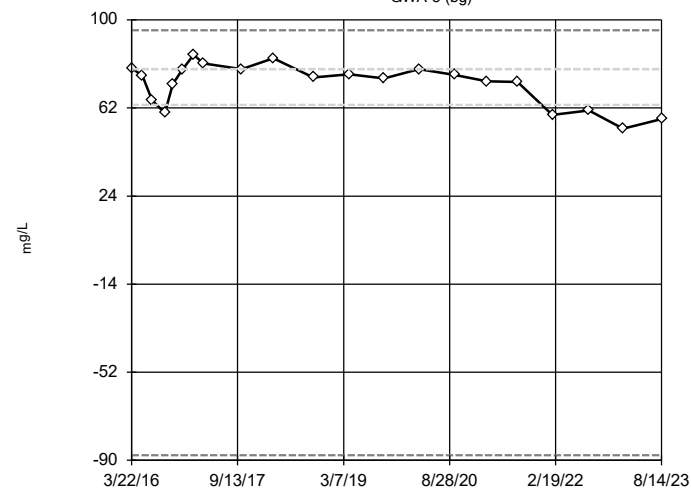
GWA-2 (bg)



Constituent: Calcium Analysis Run 2/29/2024 4:03 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

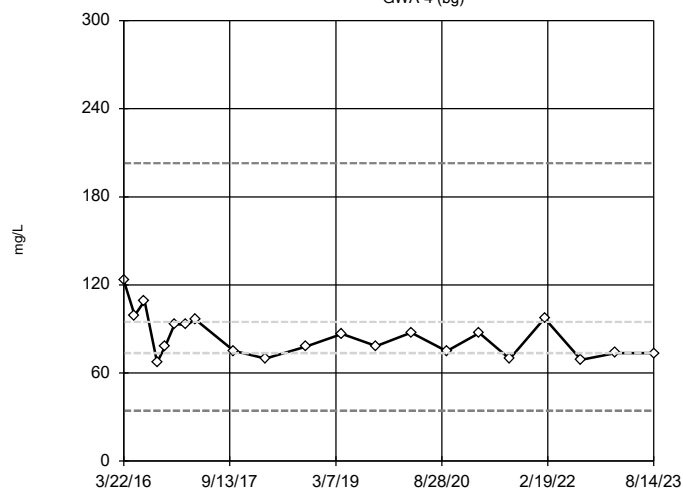
GWA-3 (bg)



Constituent: Calcium Analysis Run 2/29/2024 4:03 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

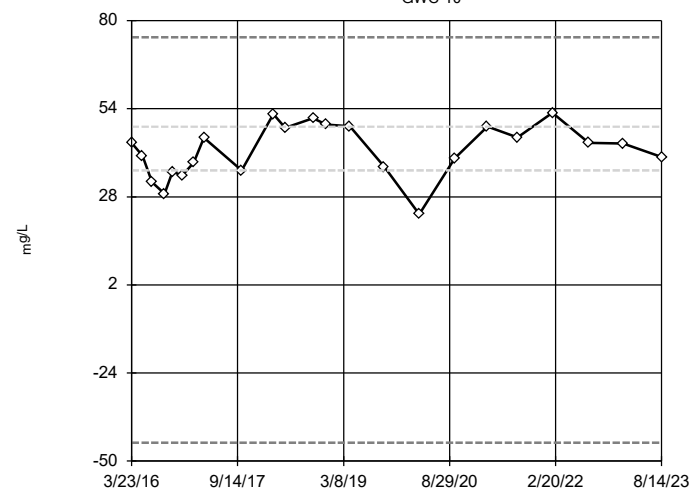
GWA-4 (bg)



Constituent: Calcium Analysis Run 2/29/2024 4:03 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

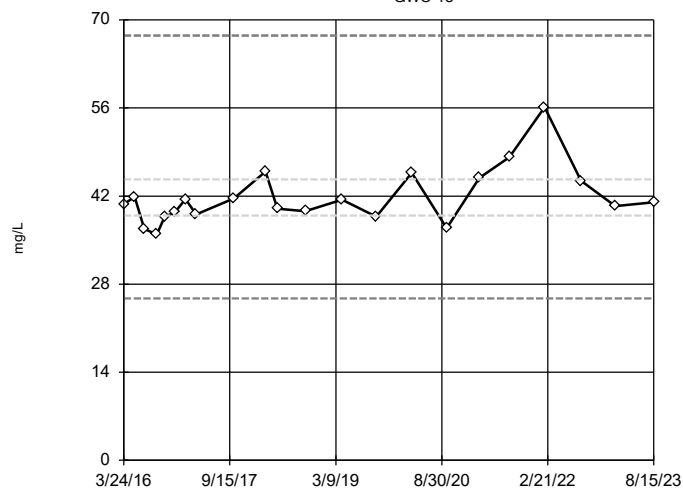
GWC-10



Constituent: Calcium Analysis Run 2/29/2024 4:03 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-18



n = 22

No outliers found.
Tukey's method selected by user.

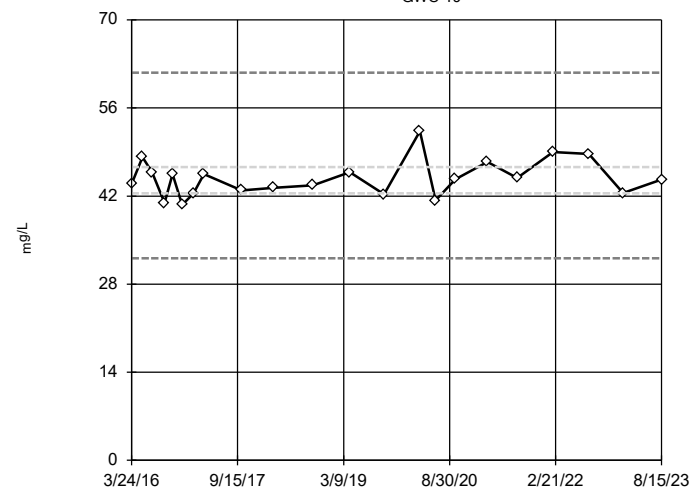
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 67.52, low cutoff = 25.72, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 2/29/2024 4:03 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-19



n = 22

No outliers found.
Tukey's method selected by user.

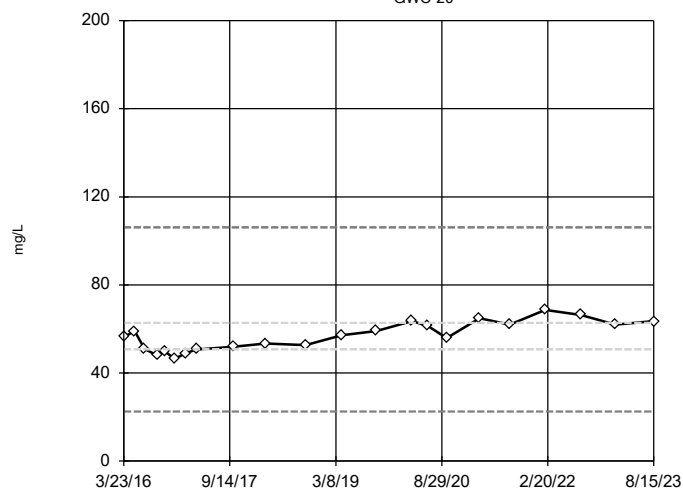
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 61.61, low cutoff = 32.1, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 2/29/2024 4:03 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-20



n = 22

No outliers found.
Tukey's method selected by user.

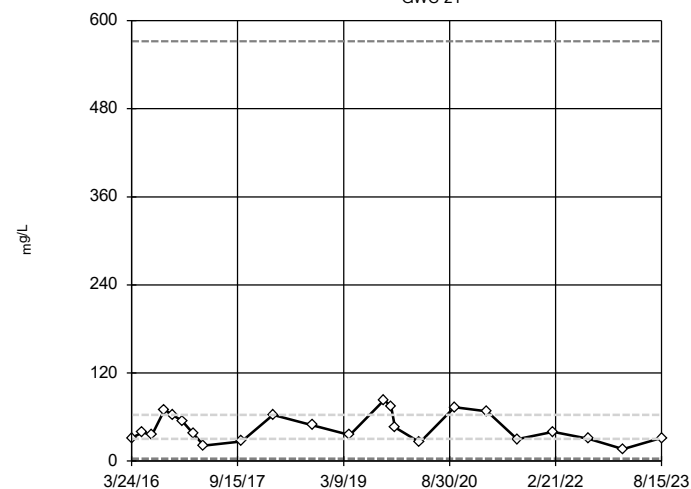
Data were square root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 106.2, low cutoff = 22.52, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 2/29/2024 4:03 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-21



n = 23

No outliers found.
Tukey's method selected by user.

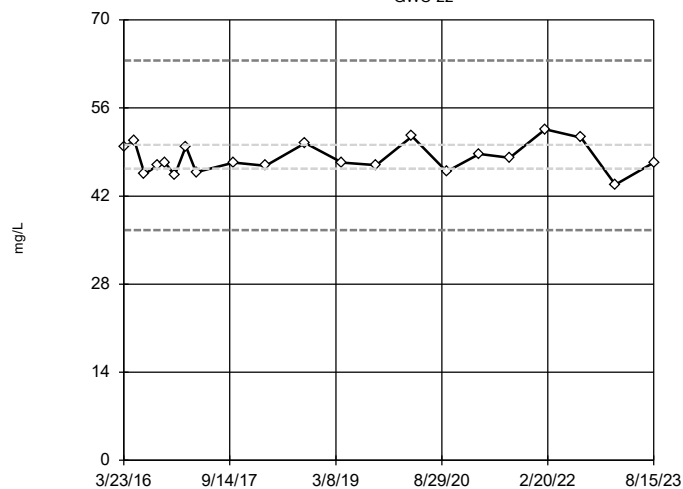
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 571.9, low cutoff = 3.327, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 2/29/2024 4:03 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-22



n = 21

No outliers found.
Tukey's method selected by user.

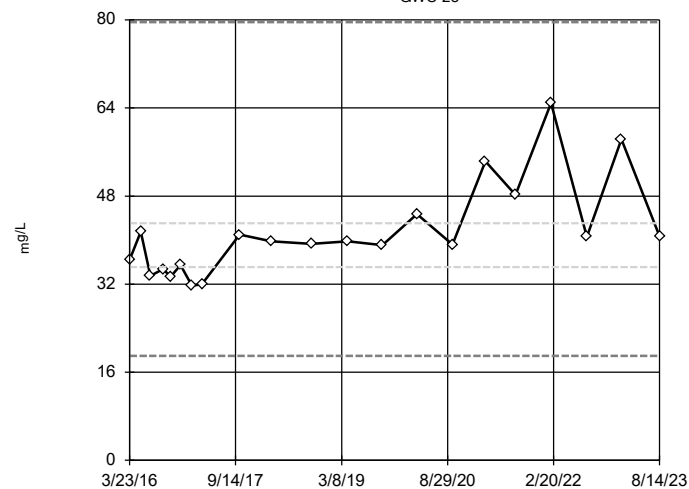
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 63.53, low cutoff = 36.59, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 2/29/2024 4:03 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-23



n = 21

No outliers found.
Tukey's method selected by user.

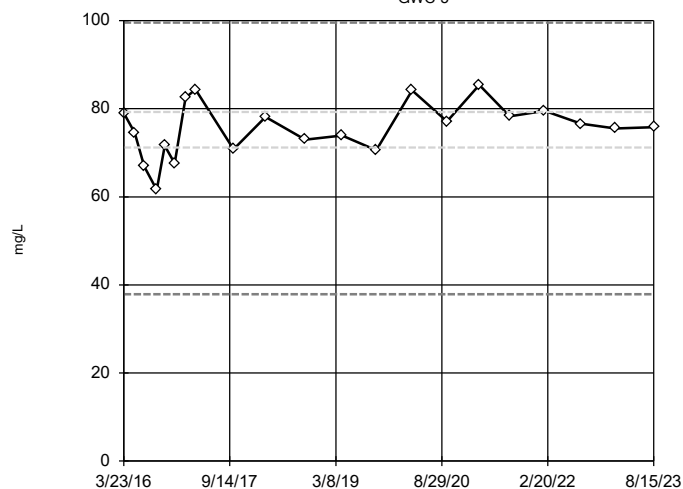
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 79.59, low cutoff = 18.99, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 2/29/2024 4:03 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-5



n = 21

No outliers found.
Tukey's method selected by user.

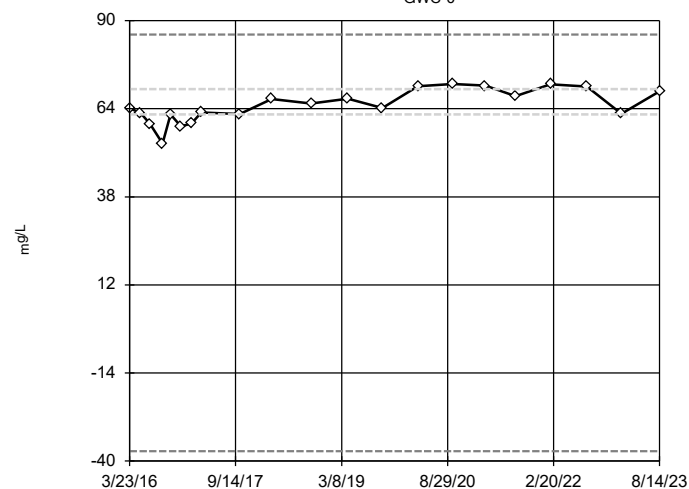
Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 99.57, low cutoff = 37.9, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 2/29/2024 4:03 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-6



n = 21

No outliers found.
Tukey's method selected by user.

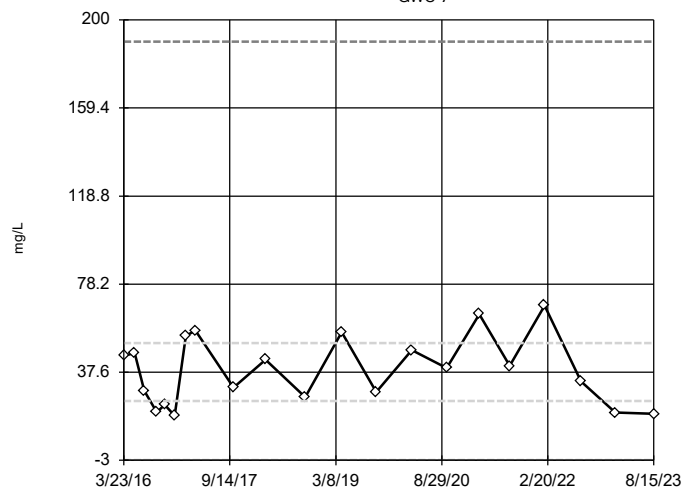
Data were cube transformed to achieve best W statistic (graph shown in original units).

High cutoff = 85.89, low cutoff = -37.08, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 2/29/2024 4:03 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-7



n = 21

No outliers found.
Tukey's method selected by user.

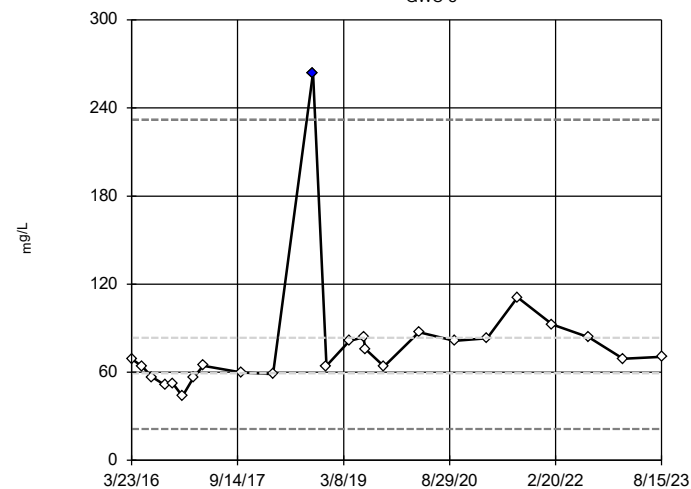
Data were square root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 190, low cutoff = -2.919, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 2/29/2024 4:03 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-8



n = 24

Outlier is drawn as solid.
Tukey's method selected by user.

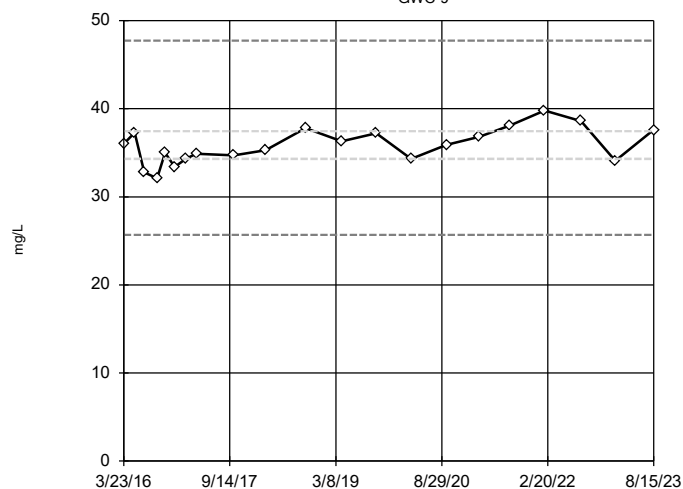
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 232, low cutoff = 21.35, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 2/29/2024 4:03 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-9



n = 21

No outliers found.
Tukey's method selected by user.

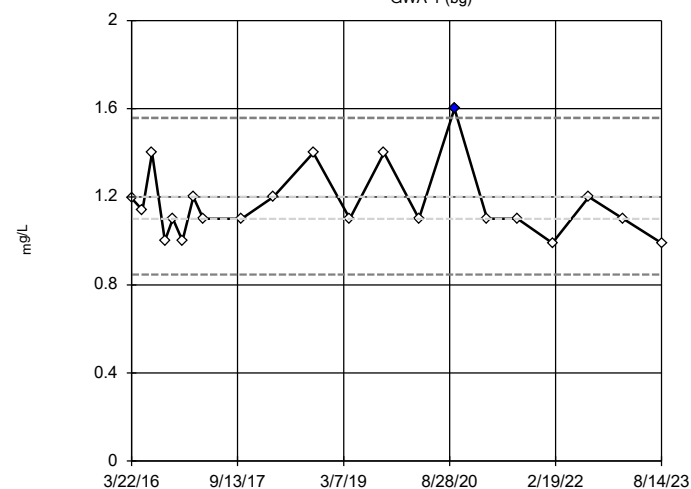
Data were square root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 47.73, low cutoff = 25.68, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 2/29/2024 4:03 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWA-1 (bg)



n = 21

Outlier is drawn as solid.
Tukey's method selected by user.

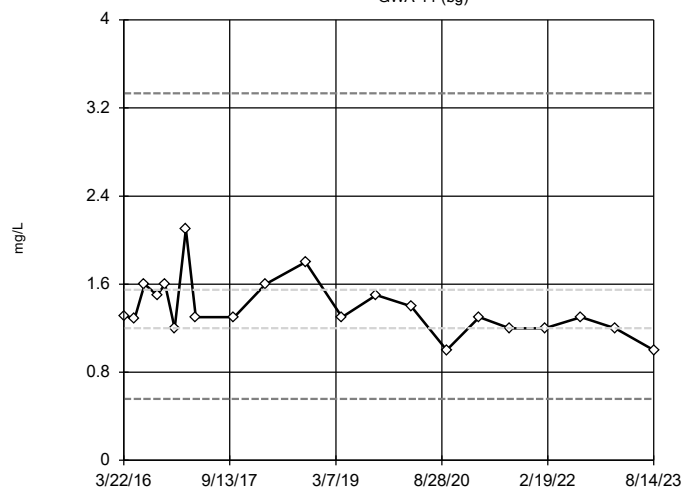
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 1.558, low cutoff = 0.8473, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 2/29/2024 4:04 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWA-11 (bg)



n = 21

No outliers found.
Tukey's method selected by user.

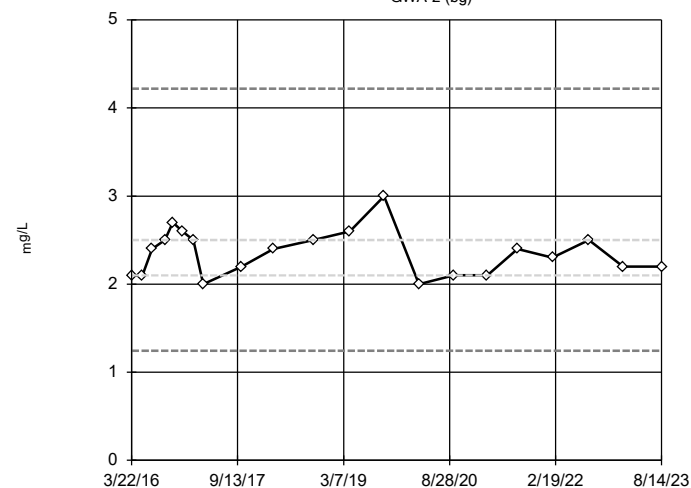
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 3.333, low cutoff = 0.5577, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 2/29/2024 4:04 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWA-2 (bg)



n = 21

No outliers found.
Tukey's method selected by user.

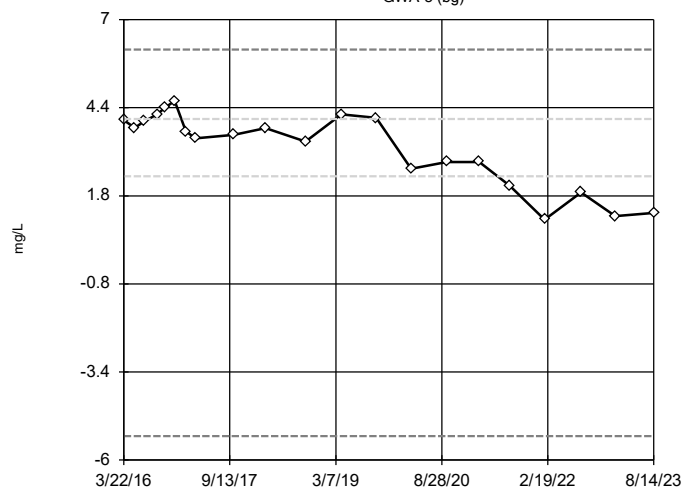
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 4.218, low cutoff = 1.245, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 2/29/2024 4:04 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWA-3 (bg)



n = 21

No outliers found.
Tukey's method selected by user.

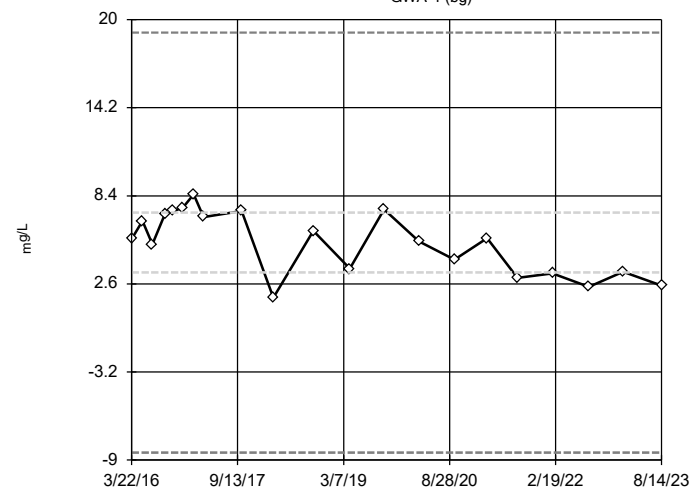
Data were cube transformed to achieve best W statistic (graph shown in original units).

High cutoff = 6.118, low cutoff = -5.293, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 2/29/2024 4:04 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWA-4 (bg)



n = 21

No outliers found.
Tukey's method selected by user.

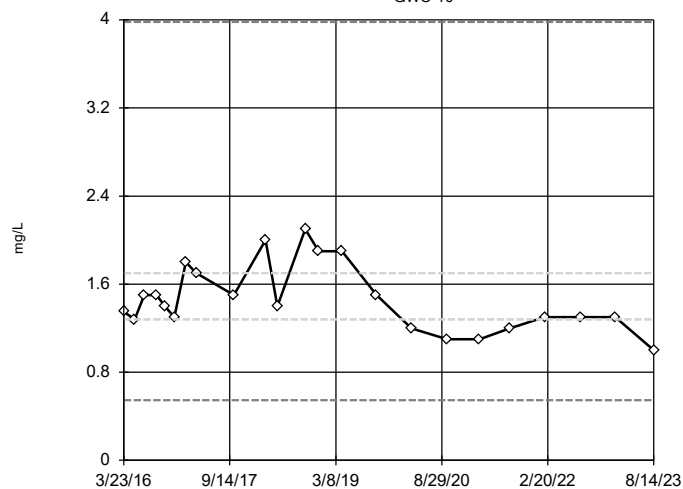
Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 19.15, low cutoff = -8.5, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 2/29/2024 4:04 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-10



n = 23

No outliers found.
Tukey's method selected by user.

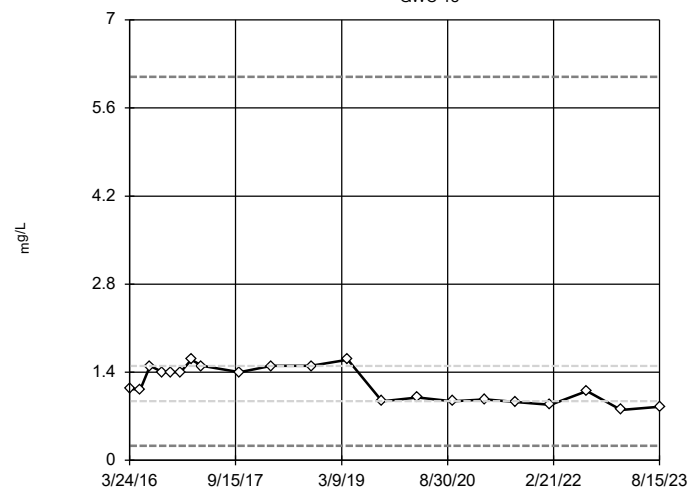
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 3.983, low cutoff = 0.5464, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 2/29/2024 4:04 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-18



n = 21

No outliers found.
Tukey's method selected by user.

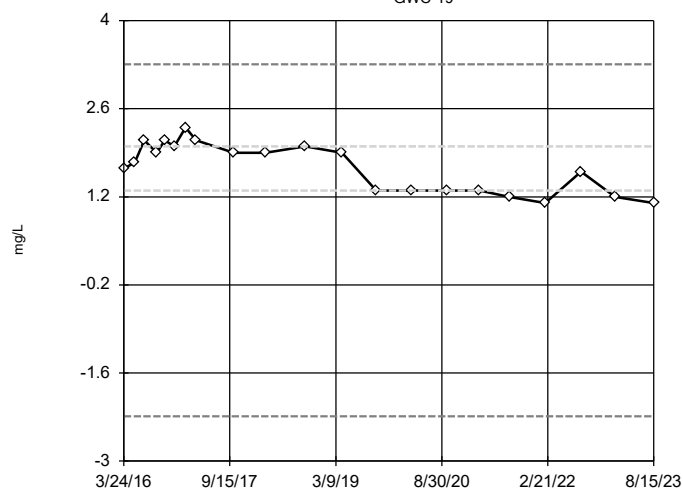
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 6.095, low cutoff = 0.2313, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 2/29/2024 4:04 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-19



n = 21

No outliers found.
Tukey's method selected by user.

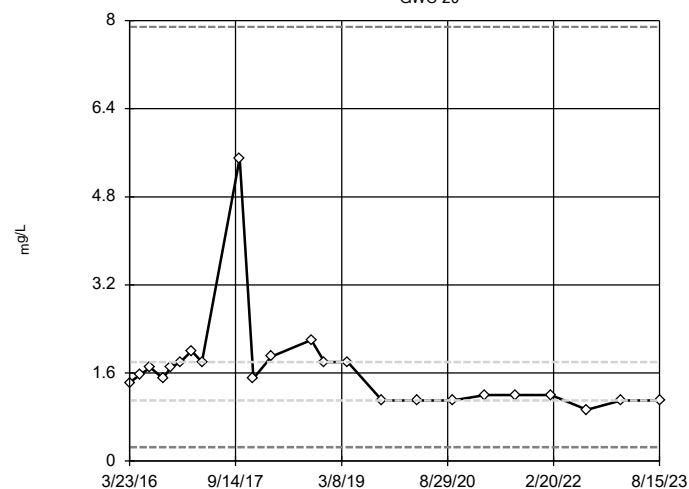
Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 3.306, low cutoff = -2.289, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 2/29/2024 4:04 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-20



n = 23

No outliers found.
Tukey's method selected by user.

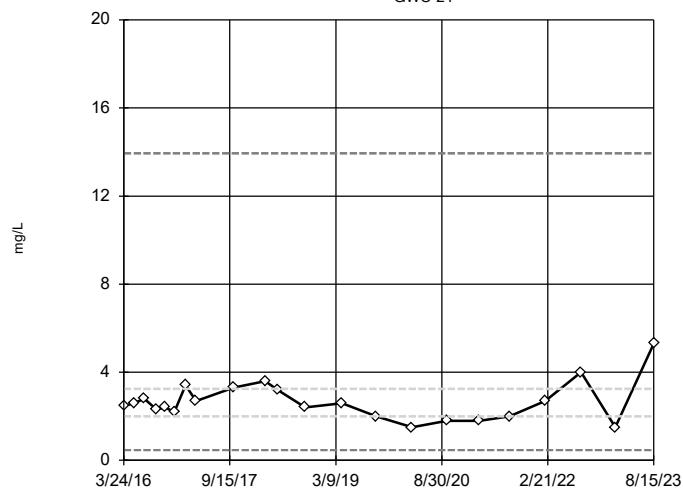
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 7.887, low cutoff = 0.251, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 2/29/2024 4:04 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-21



Constituent: Chloride Analysis Run 2/29/2024 4:04 PM
Plant Hammond Data: Huffaker Road Landfill

n = 22

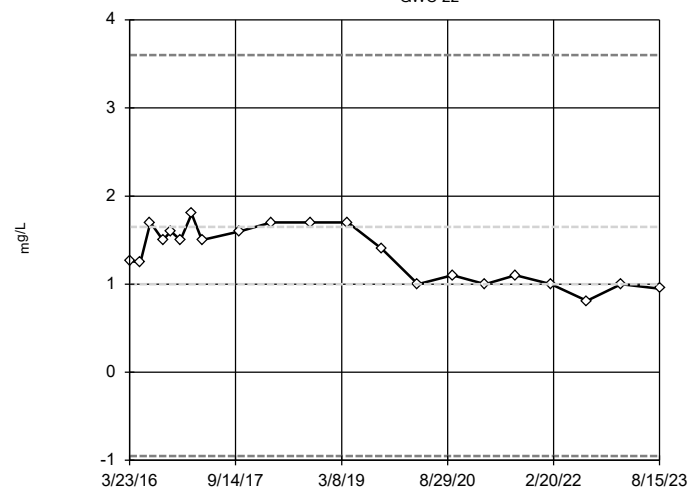
No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 13.94, low cutoff = 0.4663, based on IQR multiplier of 3.

Tukey's Outlier Screening

GWC-22



Constituent: Chloride Analysis Run 2/29/2024 4:04 PM
Plant Hammond Data: Huffaker Road Landfill

n = 21

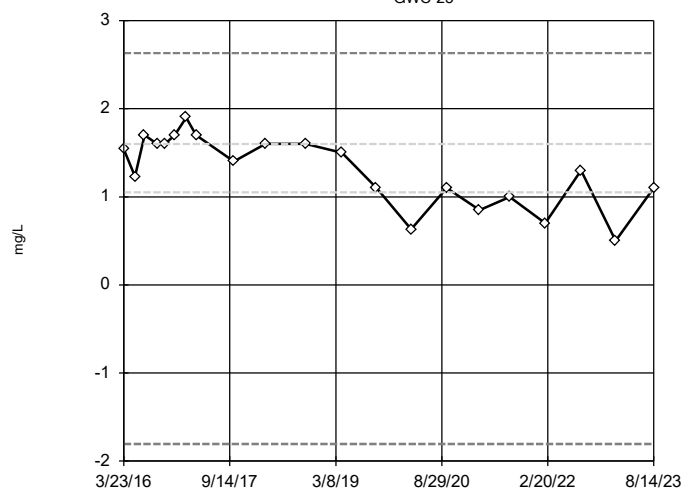
No outliers found.
Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 3.6, low cutoff = -0.95, based on IQR multiplier of 3.

Tukey's Outlier Screening

GWC-23



Constituent: Chloride Analysis Run 2/29/2024 4:04 PM
Plant Hammond Data: Huffaker Road Landfill

n = 21

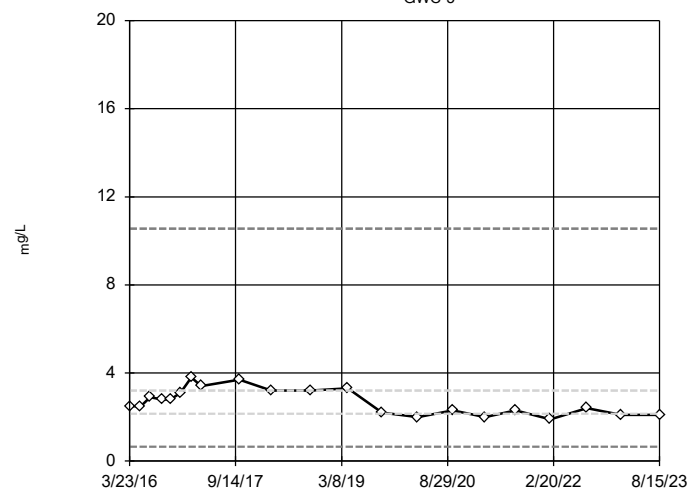
No outliers found.
Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 2.632, low cutoff = -1.806, based on IQR multiplier of 3.

Tukey's Outlier Screening

GWC-5



Constituent: Chloride Analysis Run 2/29/2024 4:04 PM
Plant Hammond Data: Huffaker Road Landfill

n = 21

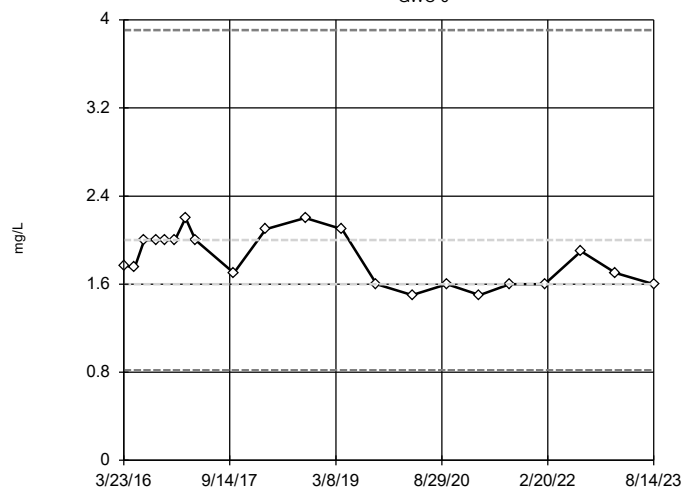
No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 10.56, low cutoff = 0.6514, based on IQR multiplier of 3.

Tukey's Outlier Screening

GWC-6



Constituent: Chloride Analysis Run 2/29/2024 4:04 PM
Plant Hammond Data: Huffaker Road Landfill

n = 21

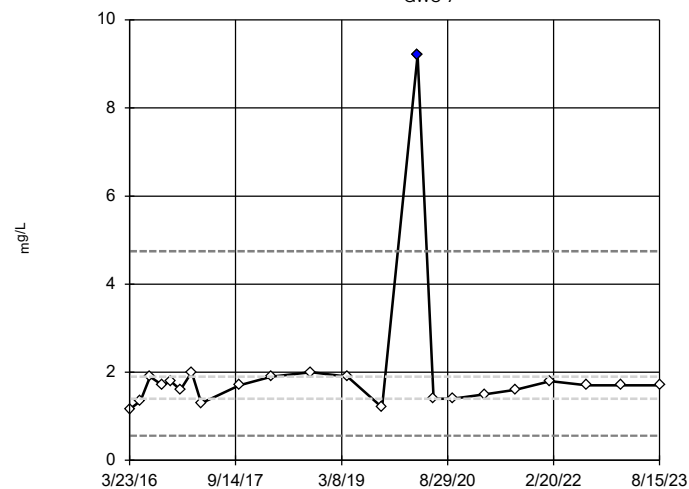
No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 3.906, low cutoff = 0.8192, based on IQR multiplier of 3.

Tukey's Outlier Screening

GWC-7



Constituent: Chloride Analysis Run 2/29/2024 4:04 PM
Plant Hammond Data: Huffaker Road Landfill

n = 22

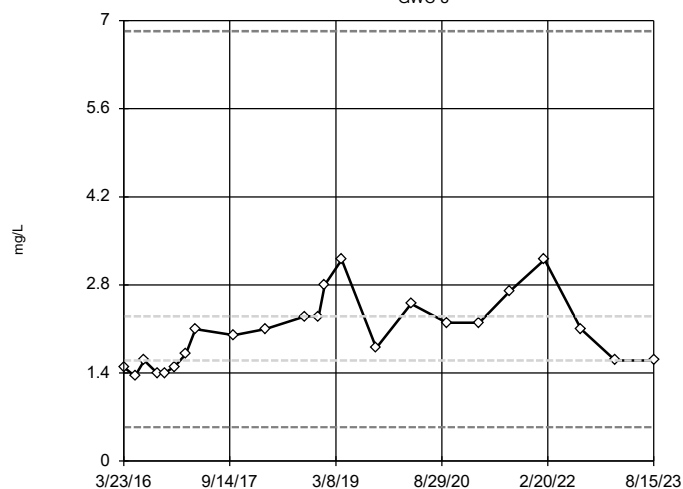
Outlier is drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 4.749, low cutoff = 0.5601, based on IQR multiplier of 3.

Tukey's Outlier Screening

GWC-8



Constituent: Chloride Analysis Run 2/29/2024 4:04 PM
Plant Hammond Data: Huffaker Road Landfill

n = 23

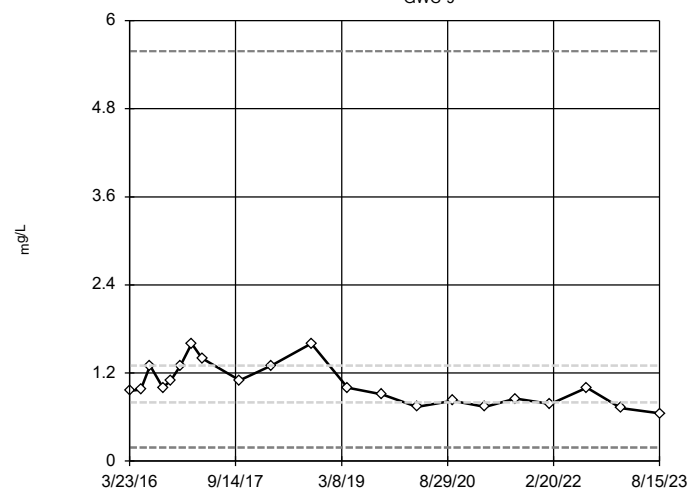
No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 6.832, low cutoff = 0.5386, based on IQR multiplier of 3.

Tukey's Outlier Screening

GWC-9



Constituent: Chloride Analysis Run 2/29/2024 4:04 PM
Plant Hammond Data: Huffaker Road Landfill

n = 21

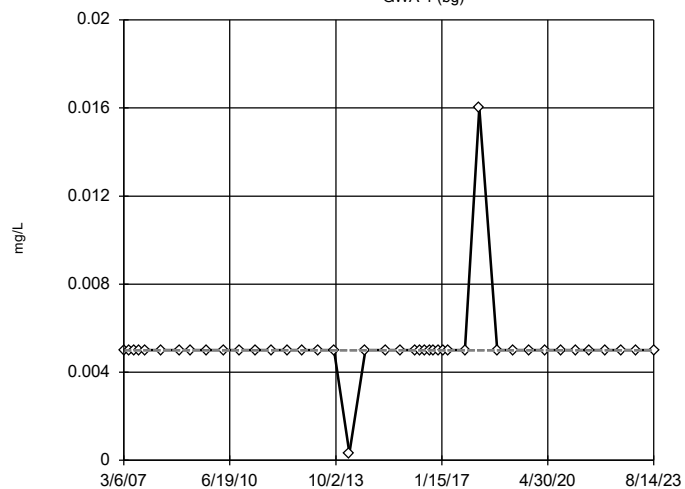
No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 5.584, low cutoff = 0.1862, based on IQR multiplier of 3.

Tukey's Outlier Screening

GWA-1 (bg)



n = 42

No outliers found.
Tukey's method selected by user.

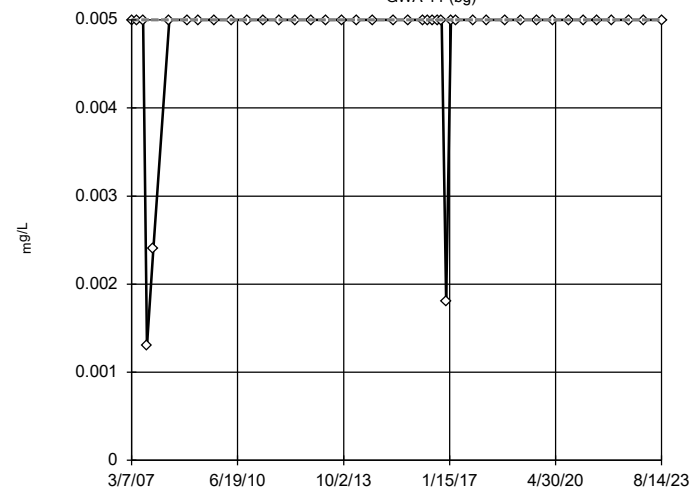
Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Chromium Analysis Run 2/29/2024 4:04 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWA-11 (bg)



n = 42

No outliers found.
Tukey's method selected by user.

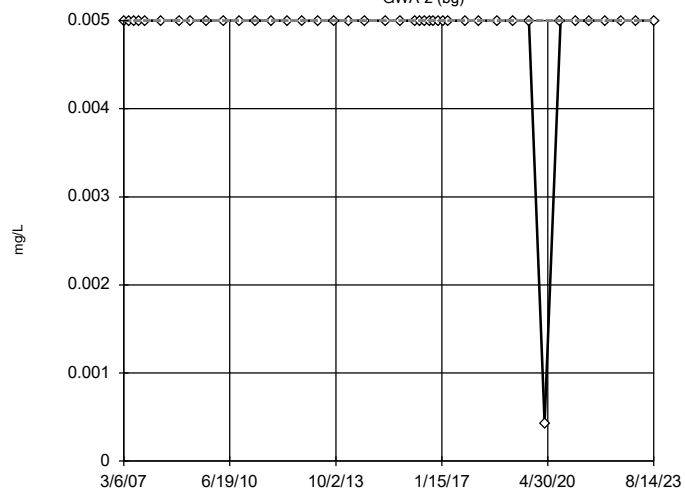
Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Chromium Analysis Run 2/29/2024 4:04 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWA-2 (bg)



n = 42

No outliers found.
Tukey's method selected by user.

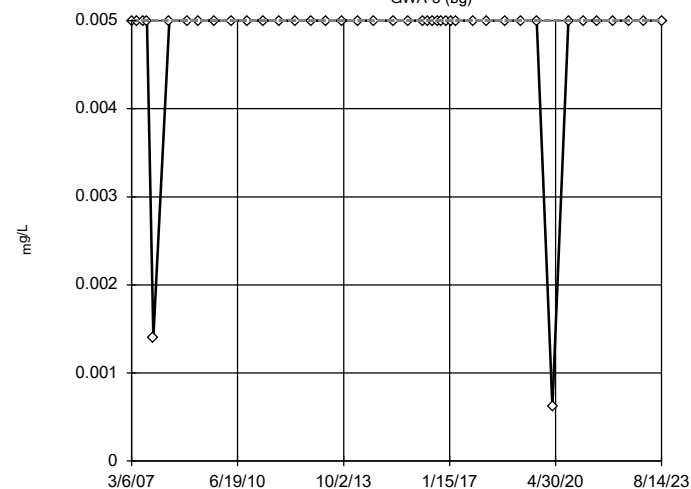
Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Chromium Analysis Run 2/29/2024 4:04 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWA-3 (bg)



n = 42

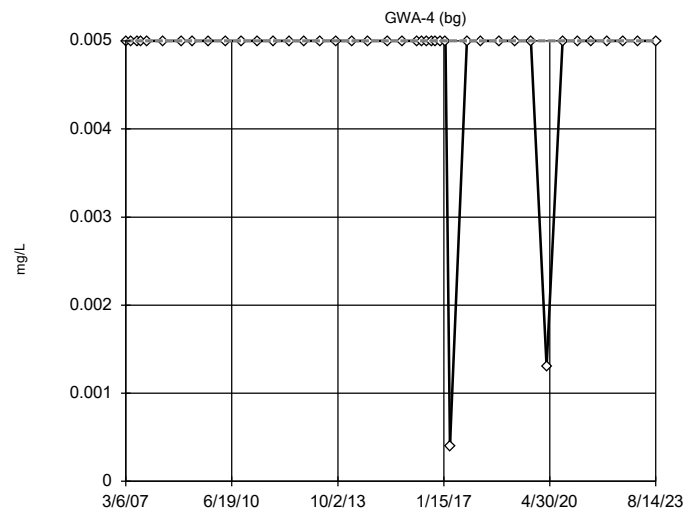
No outliers found.
Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Chromium Analysis Run 2/29/2024 4:04 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening



n = 42

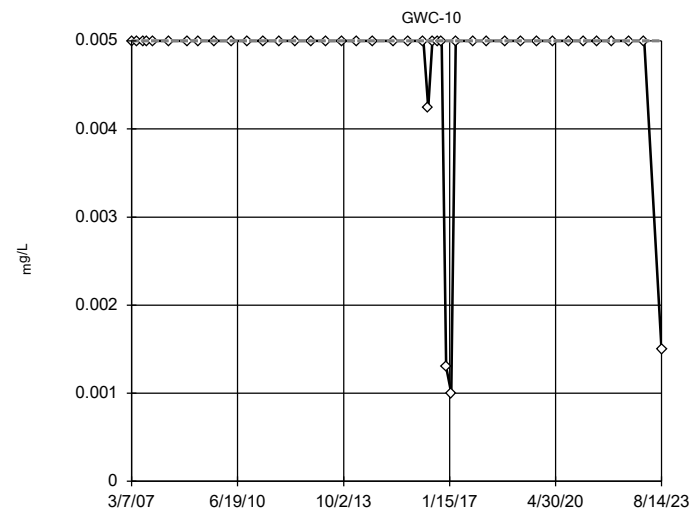
No outliers found.
Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Chromium Analysis Run 2/29/2024 4:04 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening



n = 42

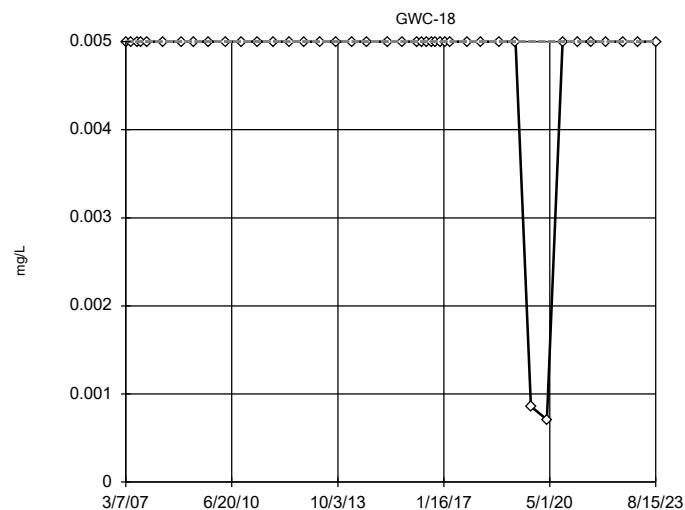
No outliers found.
Tukey's method selected by user.

Data were x⁶ transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Chromium Analysis Run 2/29/2024 4:04 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening



n = 42

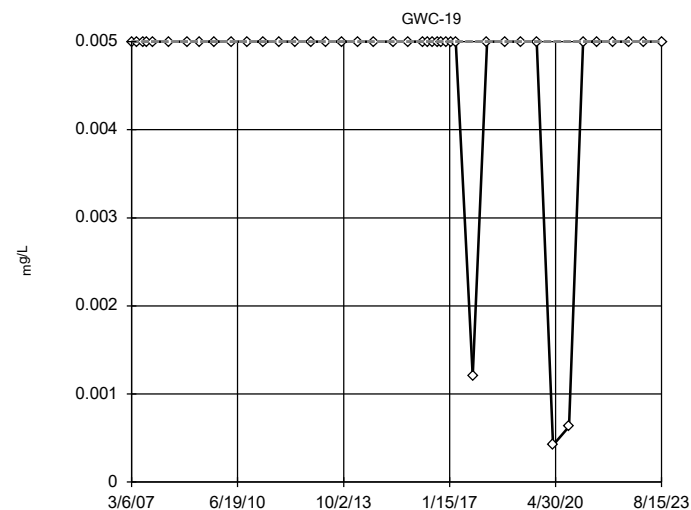
No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Chromium Analysis Run 2/29/2024 4:04 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening



n = 42

No outliers found.
Tukey's method selected by user.

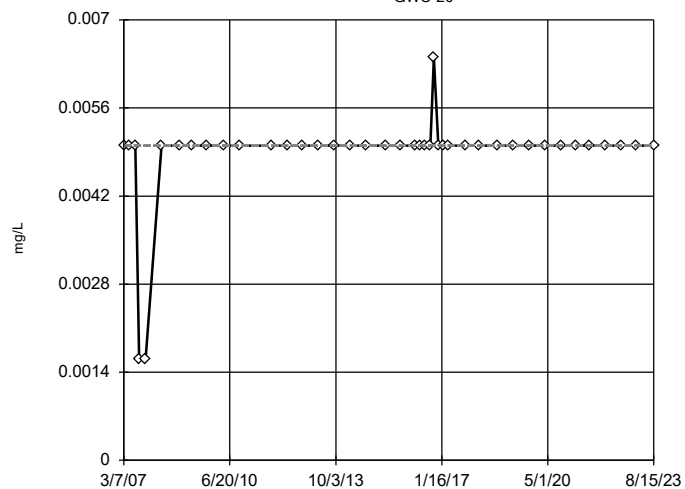
Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Chromium Analysis Run 2/29/2024 4:04 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-20



n = 41

No outliers found.
Tukey's method selected by user.

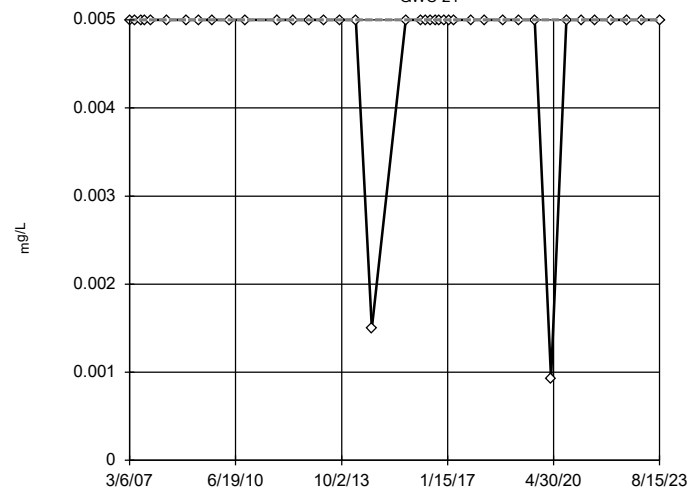
Data were cube transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Chromium Analysis Run 2/29/2024 4:04 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-21



n = 40

No outliers found.
Tukey's method selected by user.

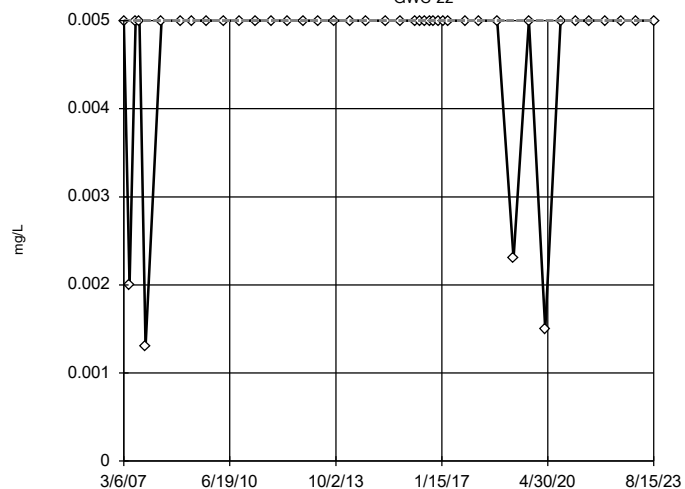
Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Chromium Analysis Run 2/29/2024 4:04 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-22



n = 42

No outliers found.
Tukey's method selected by user.

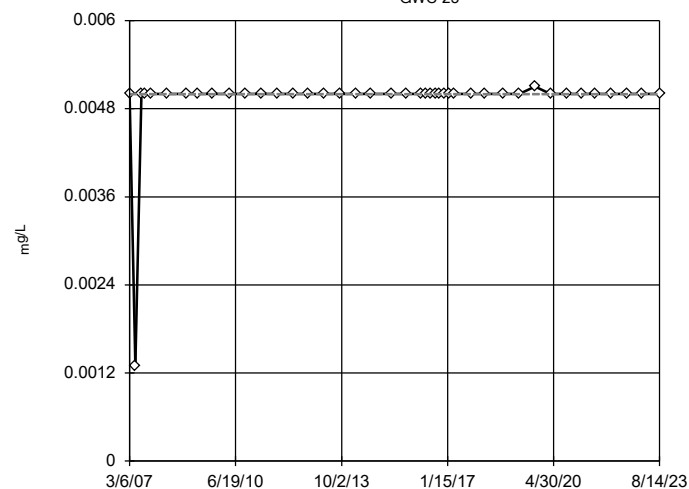
Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Chromium Analysis Run 2/29/2024 4:04 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-23



n = 42

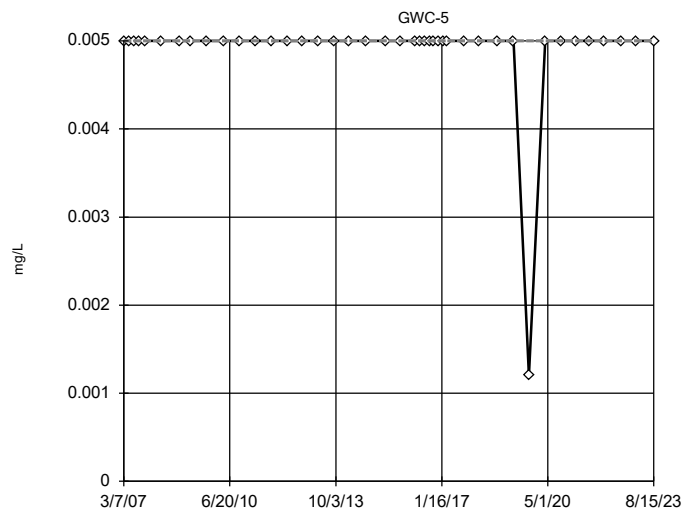
No outliers found.
Tukey's method selected by user.

Data were x⁶ transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Chromium Analysis Run 2/29/2024 4:04 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening



n = 42

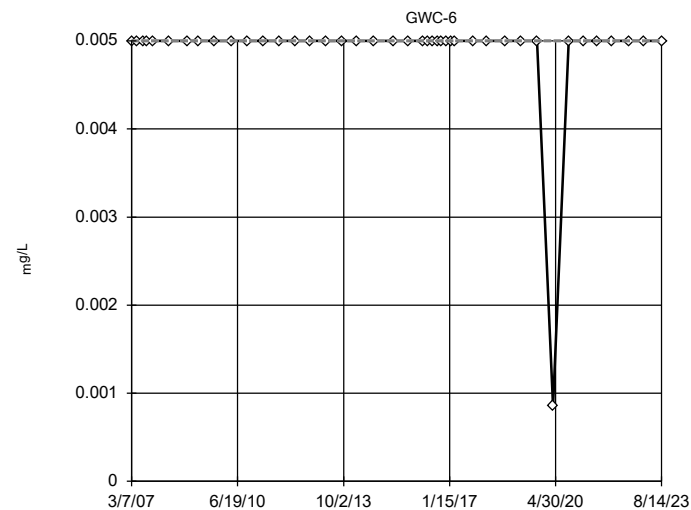
No outliers found.
Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Chromium Analysis Run 2/29/2024 4:04 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening



n = 42

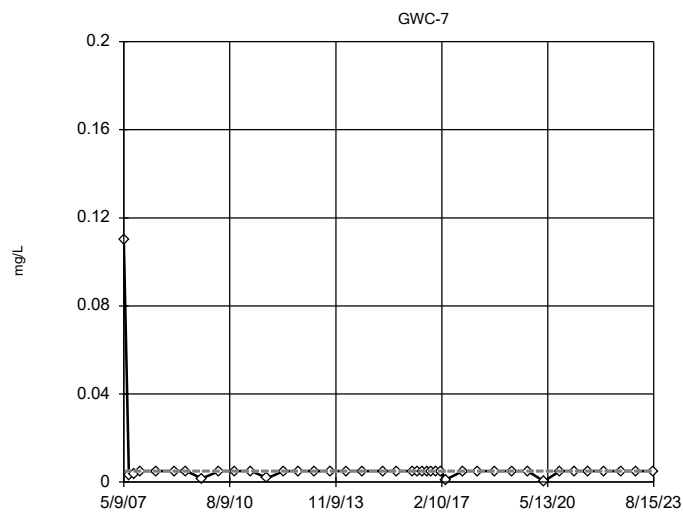
No outliers found.
Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Chromium Analysis Run 2/29/2024 4:04 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening



n = 41

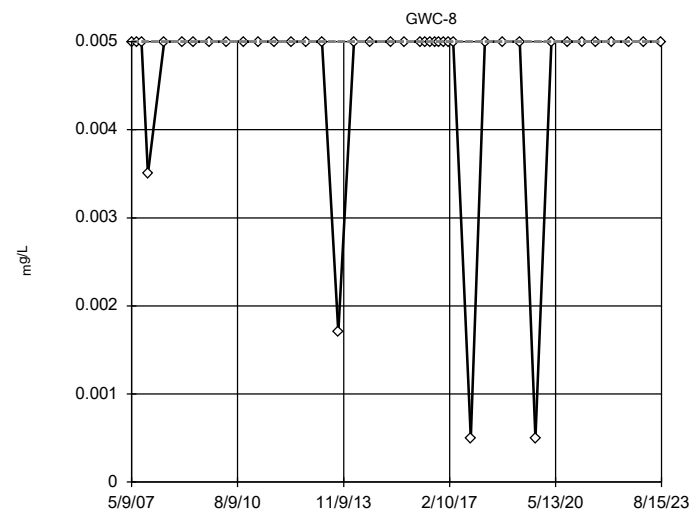
No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Chromium Analysis Run 2/29/2024 4:04 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening



n = 41

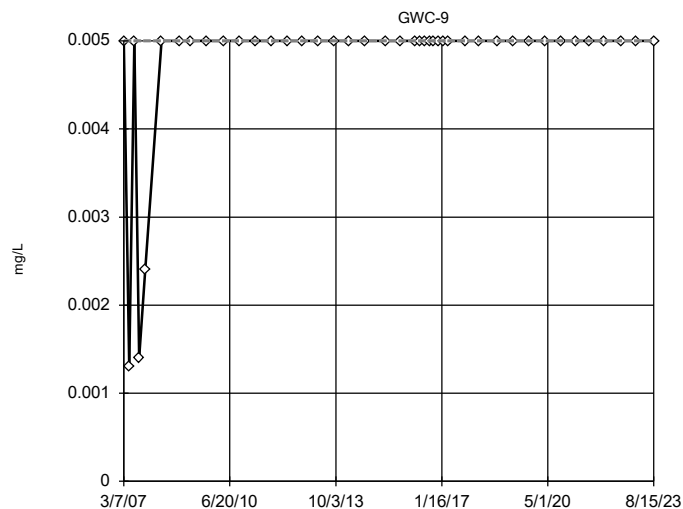
No outliers found.
Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Chromium Analysis Run 2/29/2024 4:04 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening



n = 42

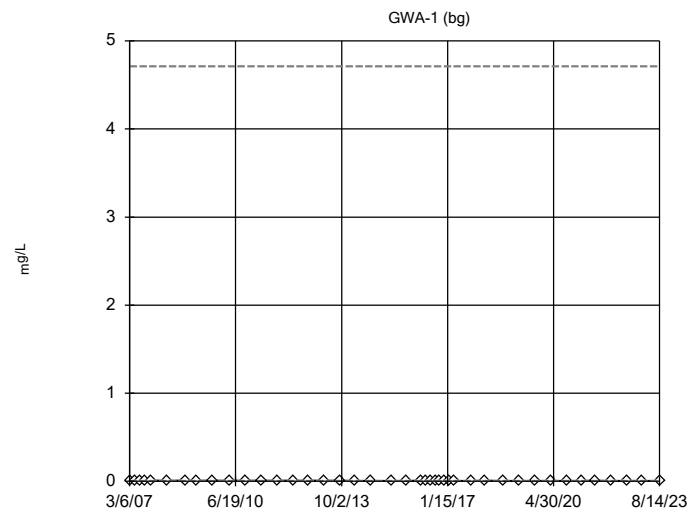
No outliers found.
Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Chromium Analysis Run 2/29/2024 4:04 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening



n = 42

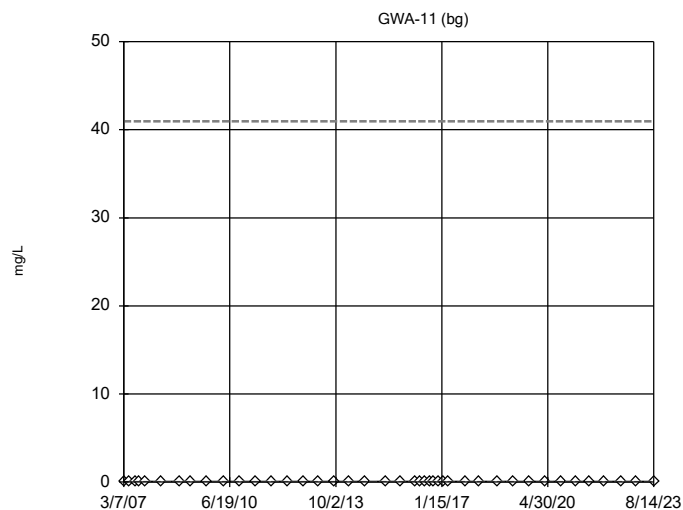
No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 4.712, low cutoff = 5.4e-7, based on IQR multiplier of 3.

Constituent: Cobalt Analysis Run 2/29/2024 4:04 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening



n = 42

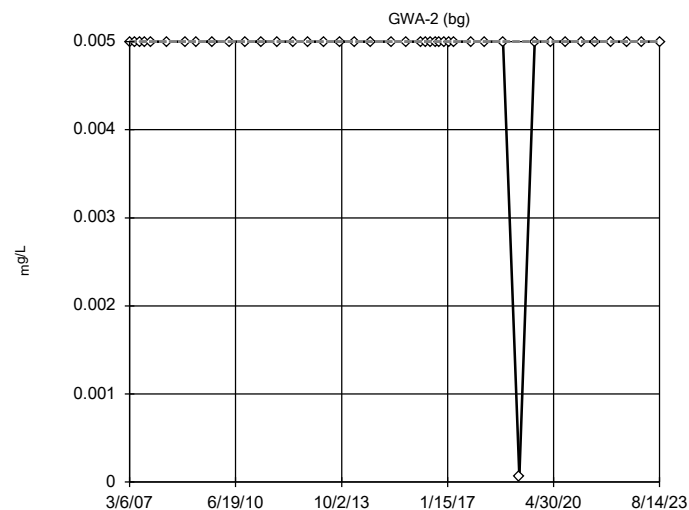
No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 40.96, low cutoff = 1.5e-7, based on IQR multiplier of 3.

Constituent: Cobalt Analysis Run 2/29/2024 4:04 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening



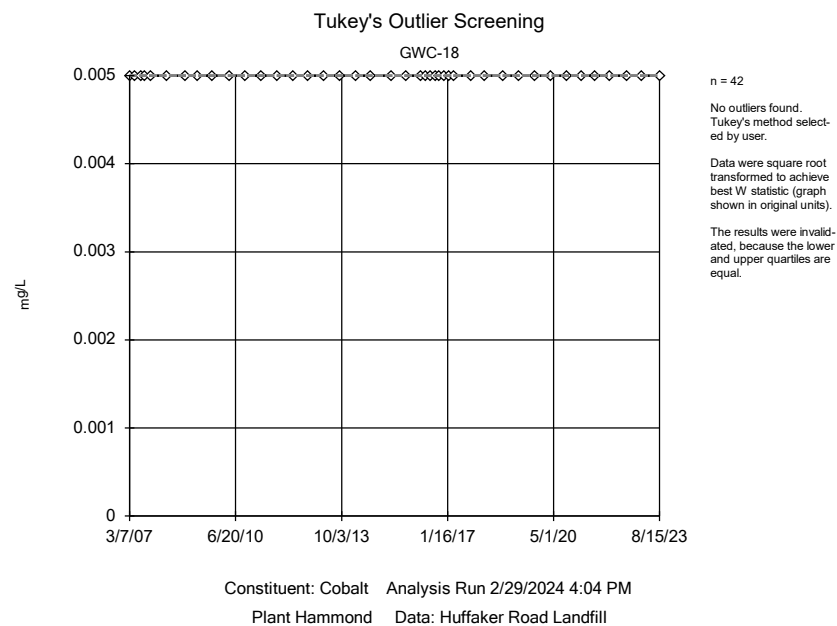
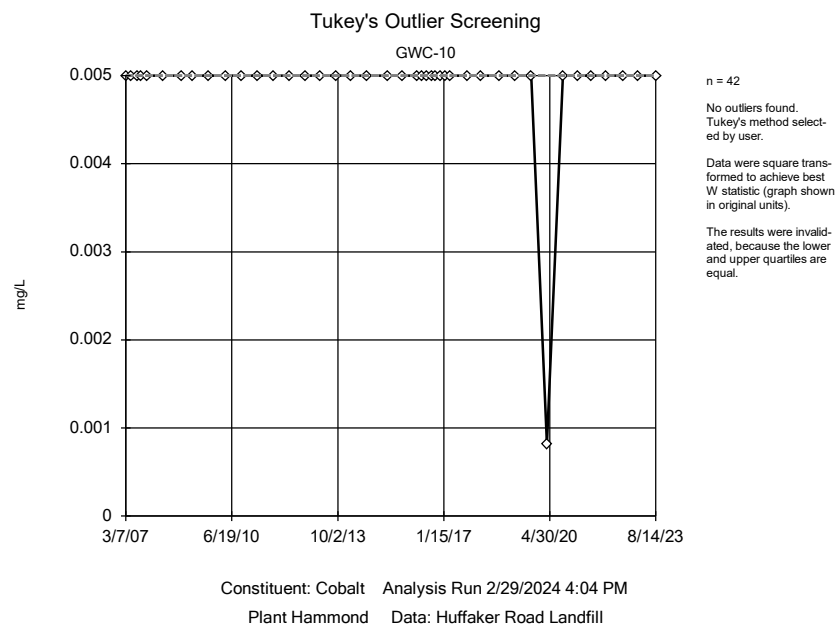
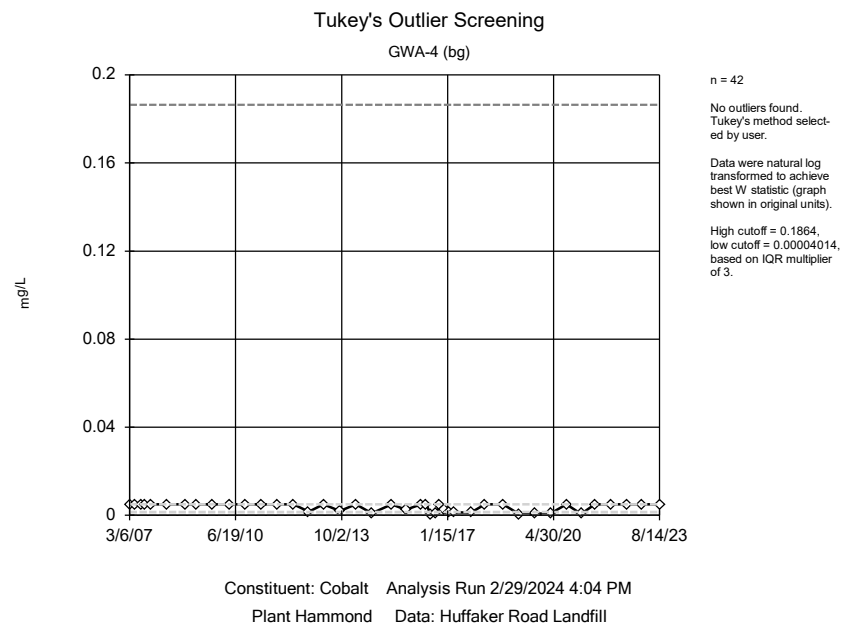
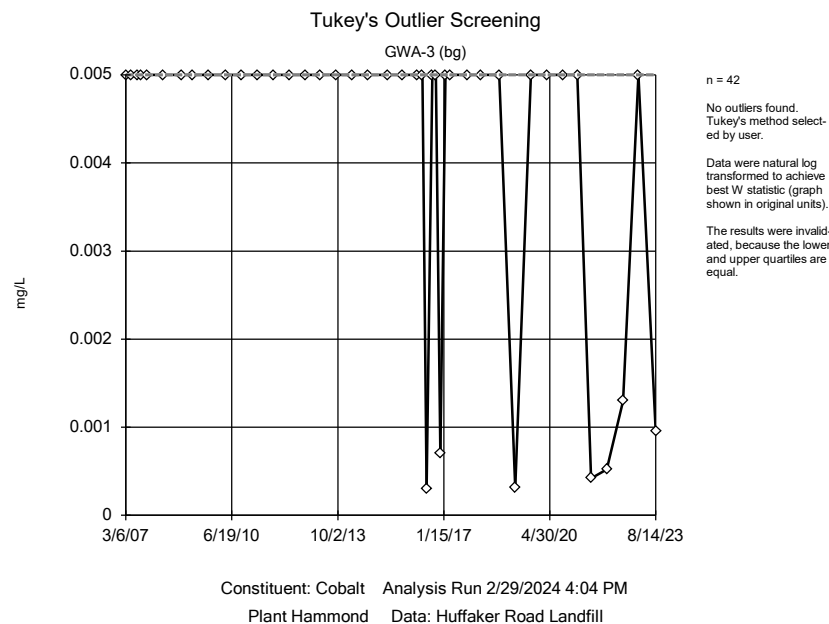
n = 42

No outliers found.
Tukey's method selected by user.

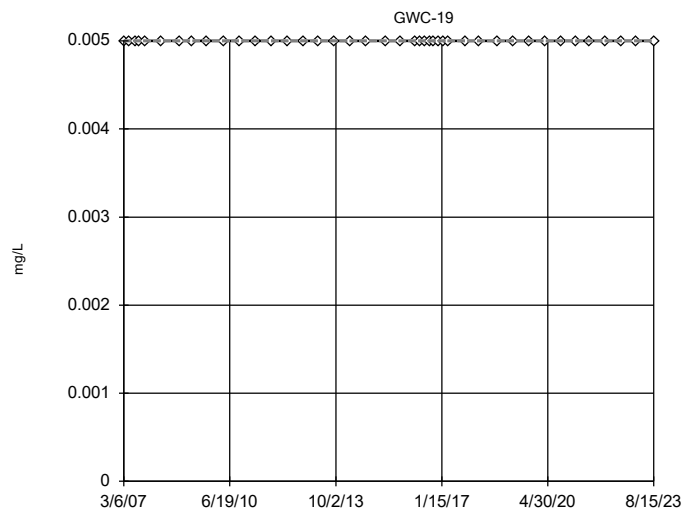
Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cobalt Analysis Run 2/29/2024 4:04 PM
Plant Hammond Data: Huffaker Road Landfill



Tukey's Outlier Screening



n = 42

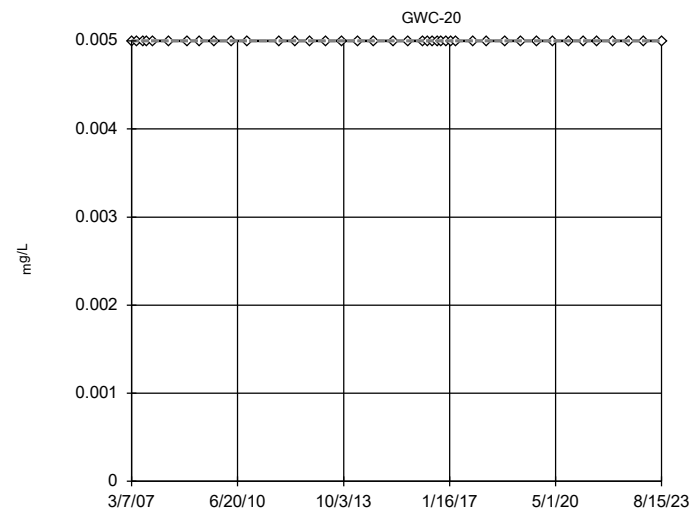
No outliers found.
Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cobalt Analysis Run 2/29/2024 4:04 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening



n = 41

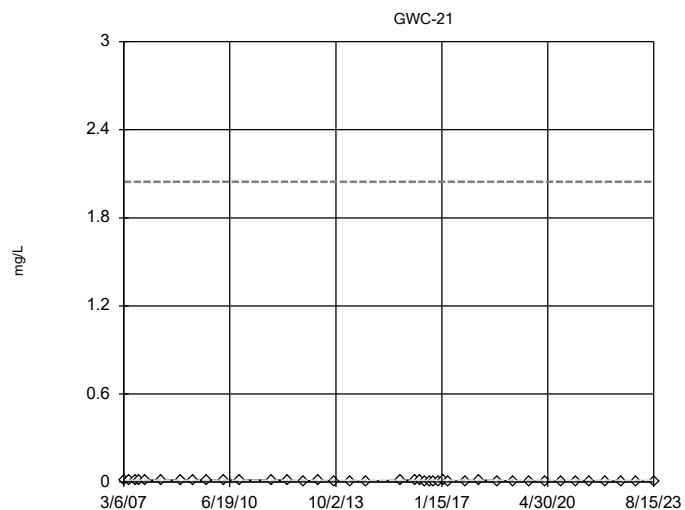
No outliers found.
Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cobalt Analysis Run 2/29/2024 4:04 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening



n = 40

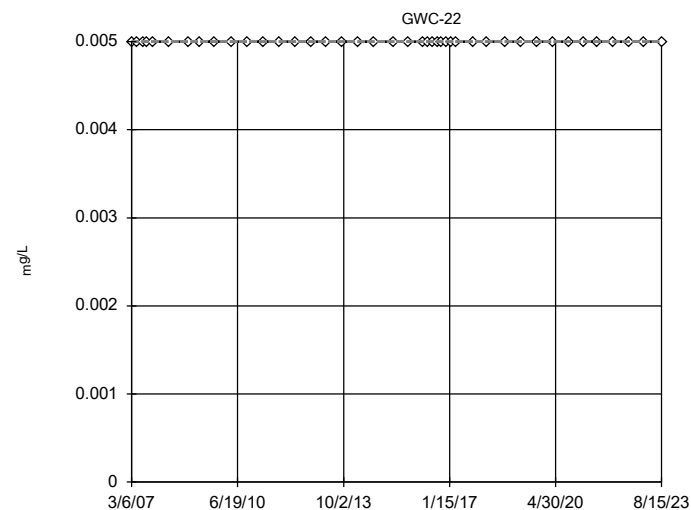
No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 2.046, low cutoff = 0.000008294, based on IQR multiplier of 3.

Constituent: Cobalt Analysis Run 2/29/2024 4:04 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening



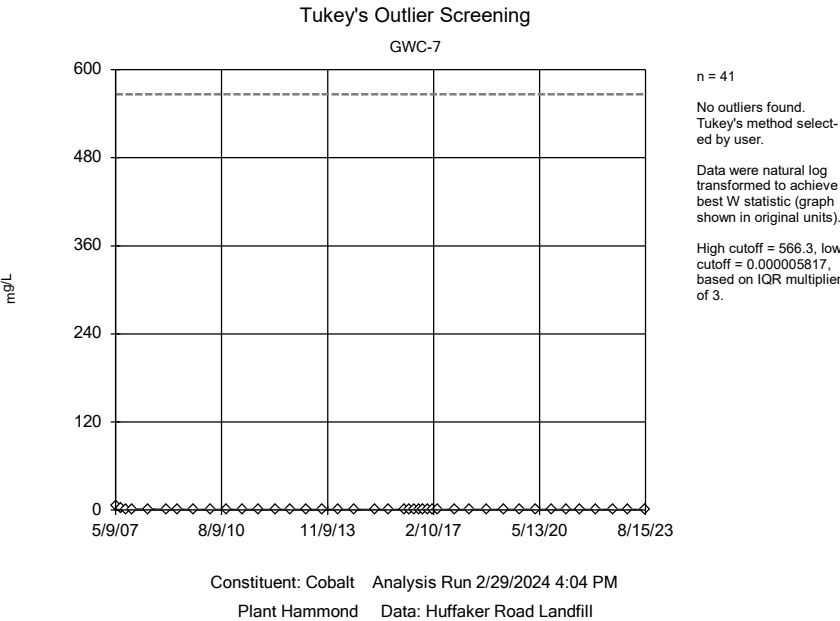
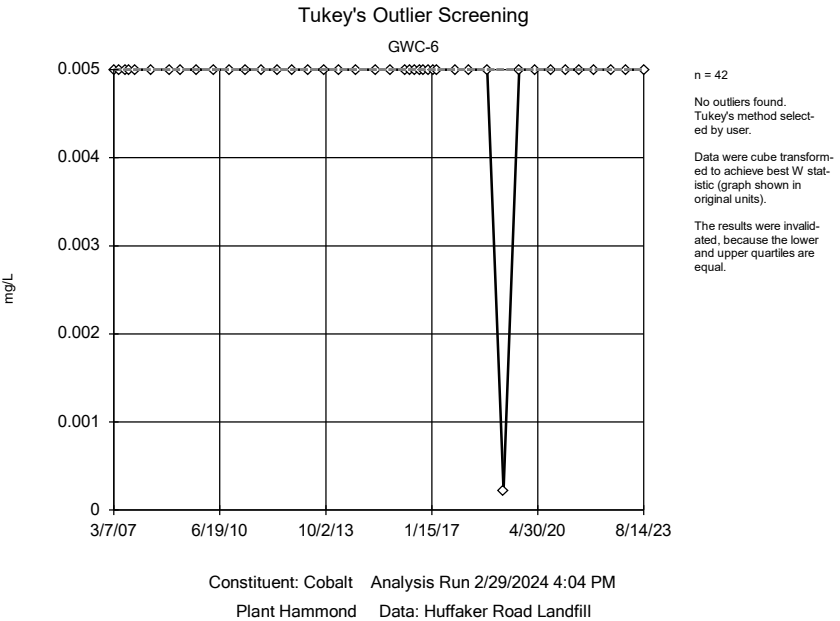
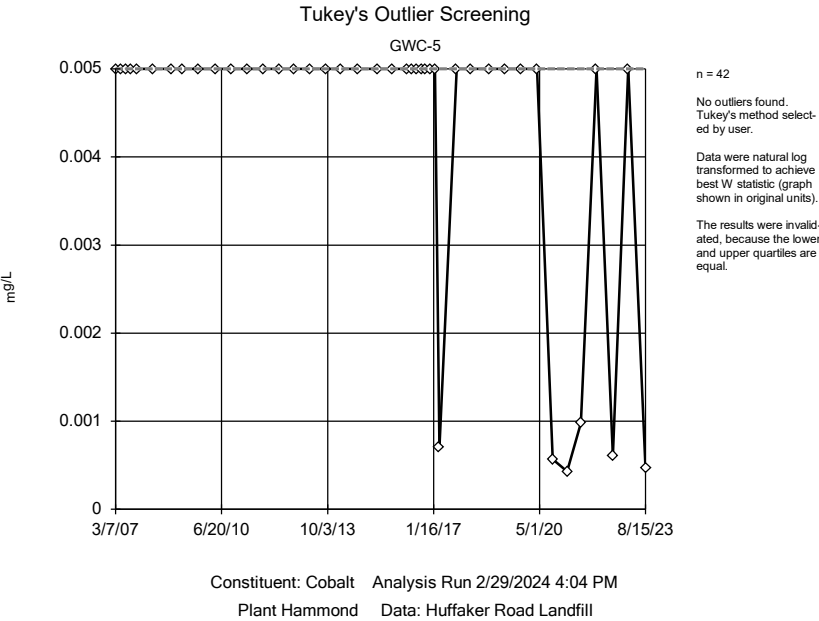
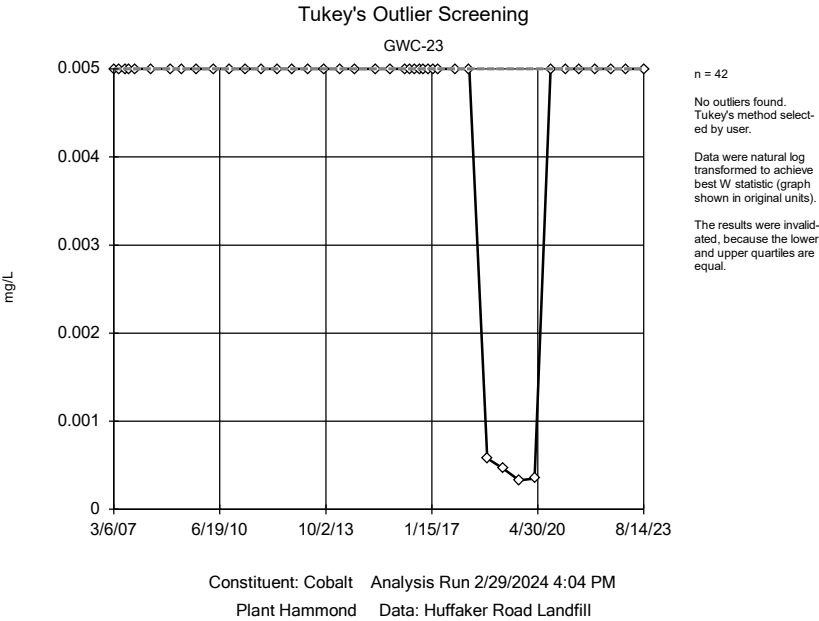
n = 42

No outliers found.
Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

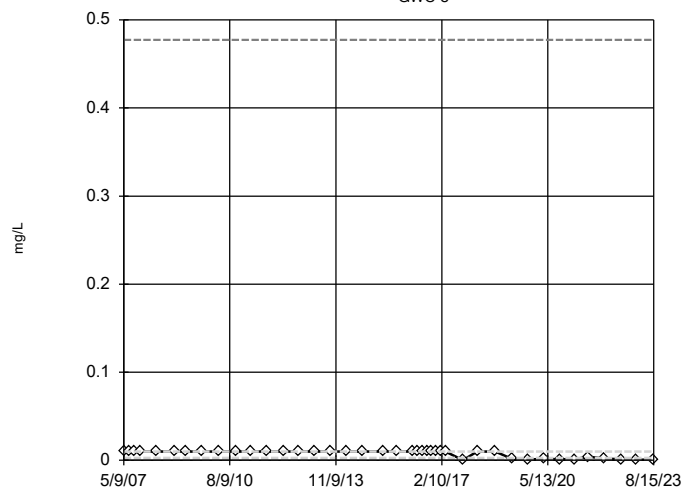
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cobalt Analysis Run 2/29/2024 4:04 PM
Plant Hammond Data: Huffaker Road Landfill



Tukey's Outlier Screening

GWC-8



n = 41

No outliers found.
Tukey's method selected by user.

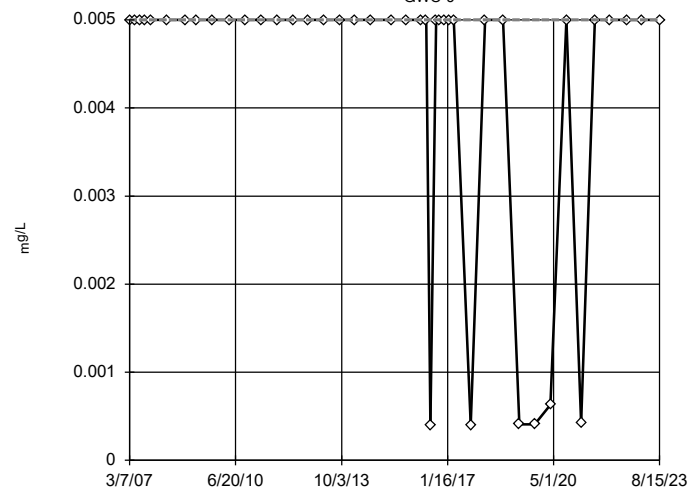
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.4773,
low cutoff = 0.00005776,
based on IQR multiplier of 3.

Constituent: Cobalt Analysis Run 2/29/2024 4:04 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-9



n = 42

No outliers found.
Tukey's method selected by user.

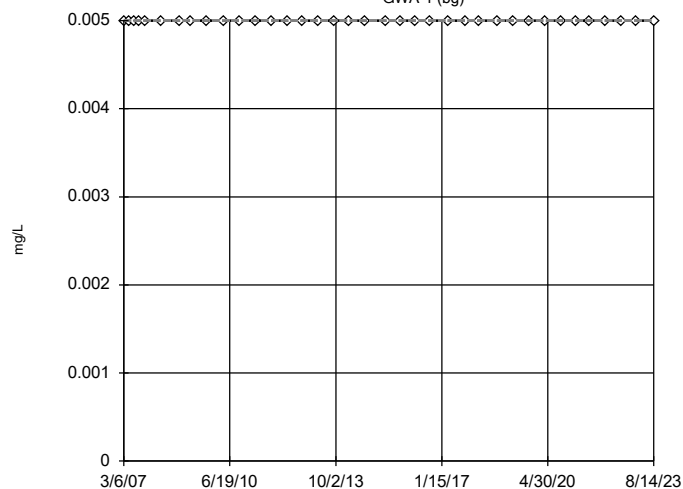
Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cobalt Analysis Run 2/29/2024 4:05 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWA-1 (bg)



n = 37

No outliers found.
Tukey's method selected by user.

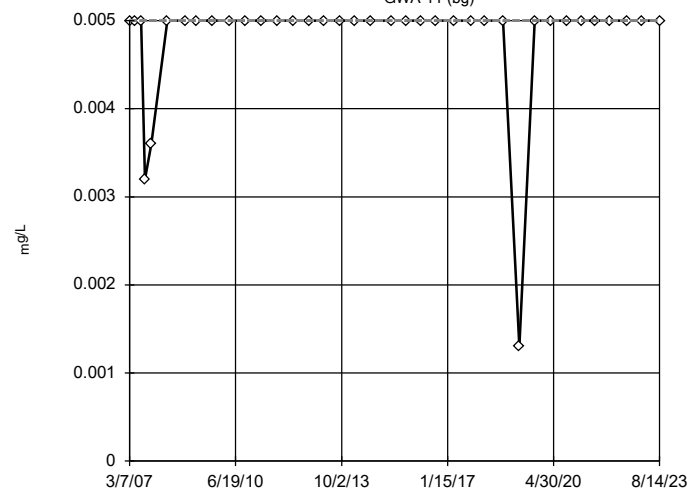
Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 2/29/2024 4:05 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWA-11 (bg)



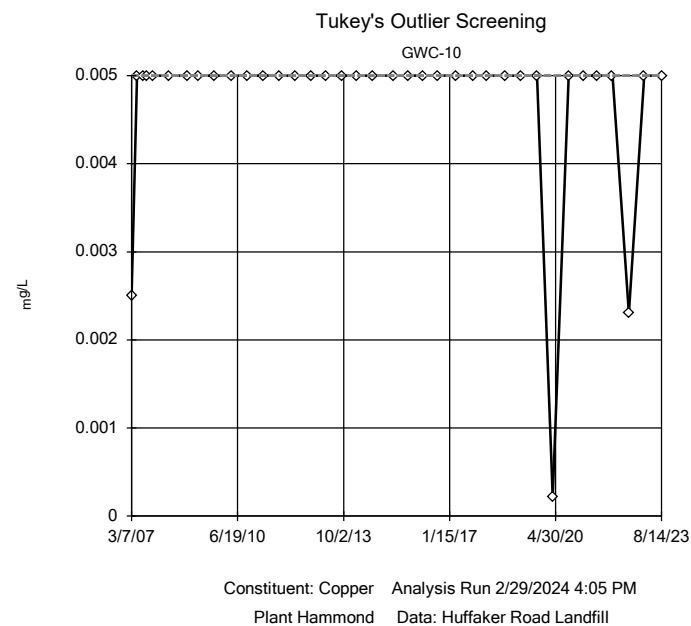
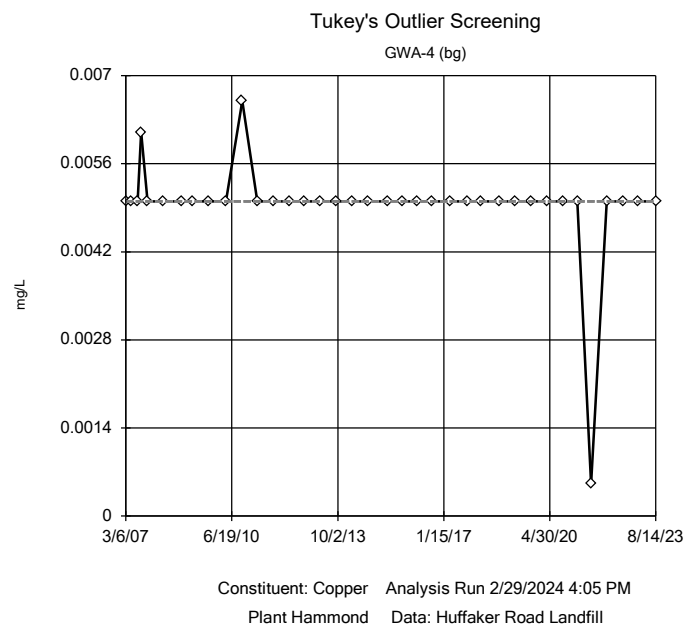
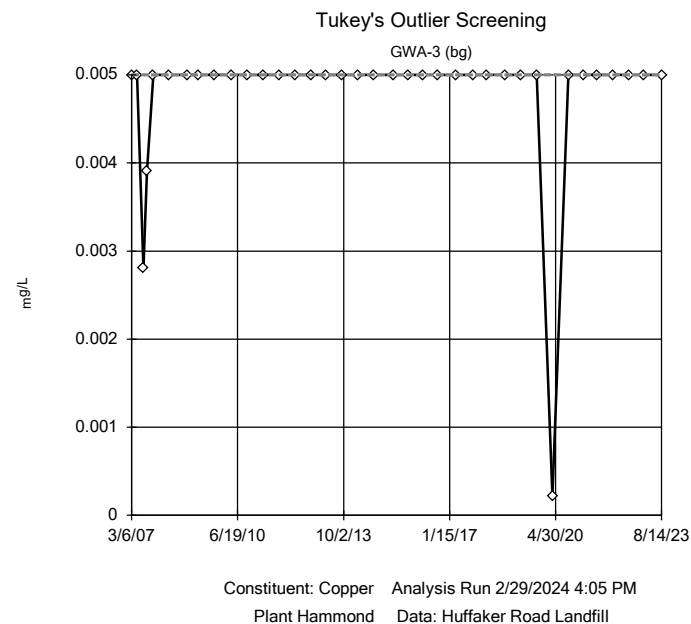
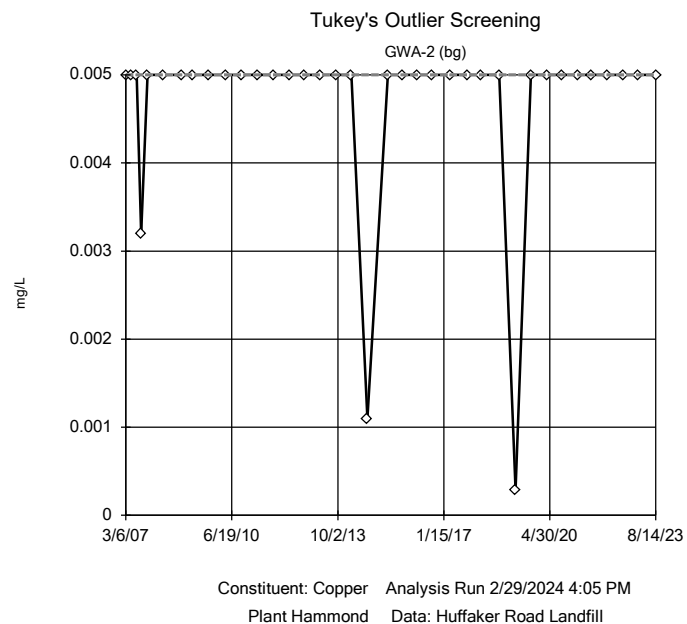
n = 37

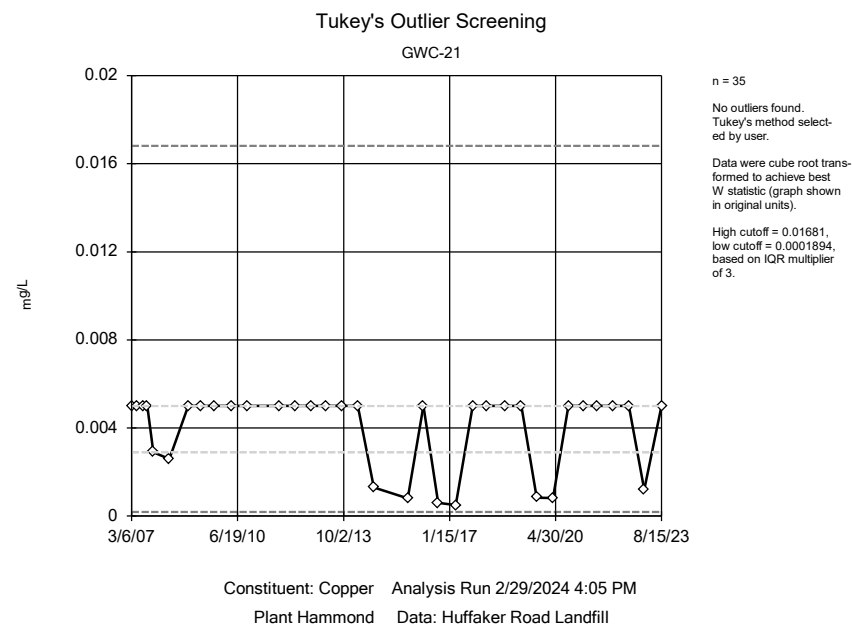
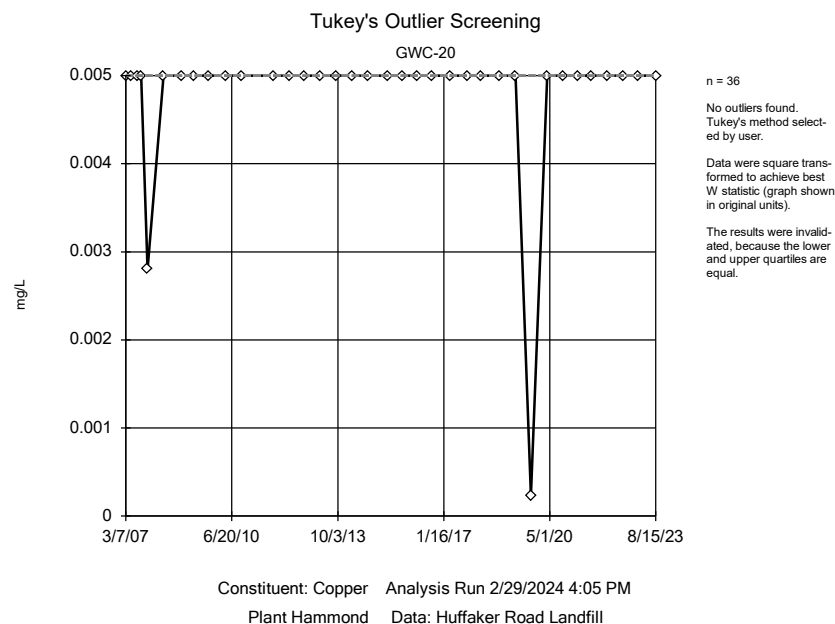
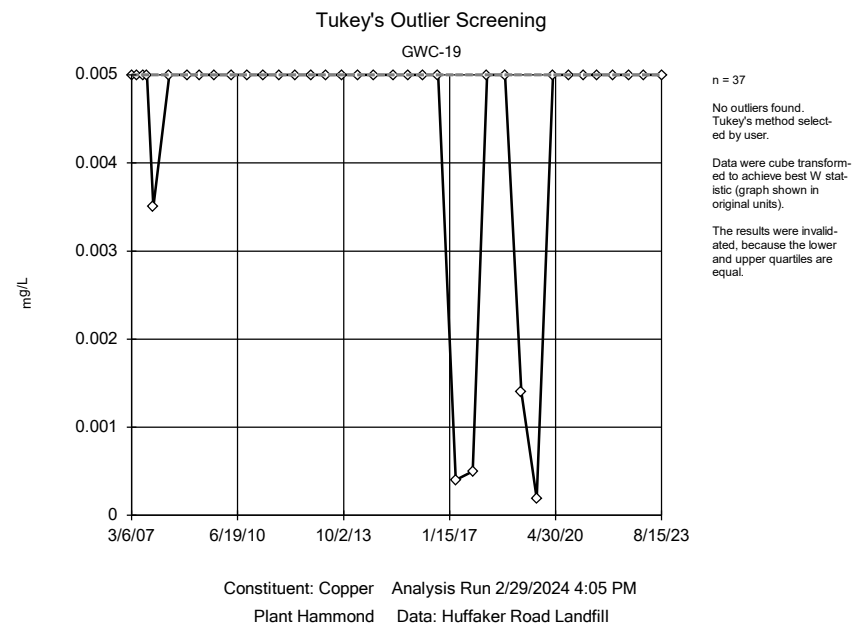
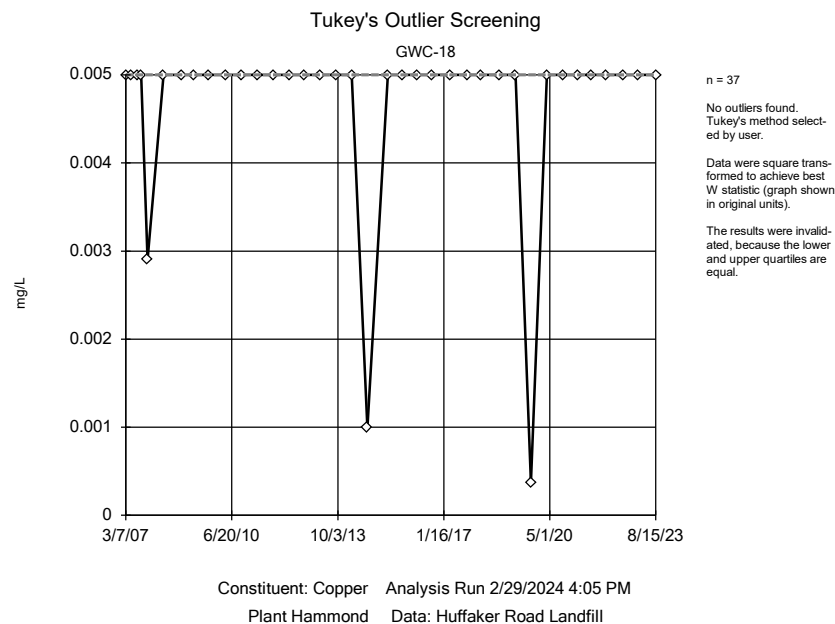
No outliers found.
Tukey's method selected by user.

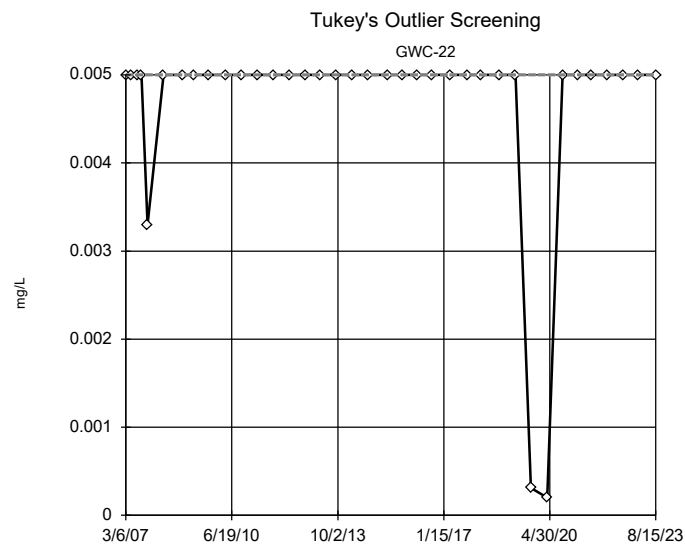
Data were cube transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 2/29/2024 4:05 PM
Plant Hammond Data: Huffaker Road Landfill







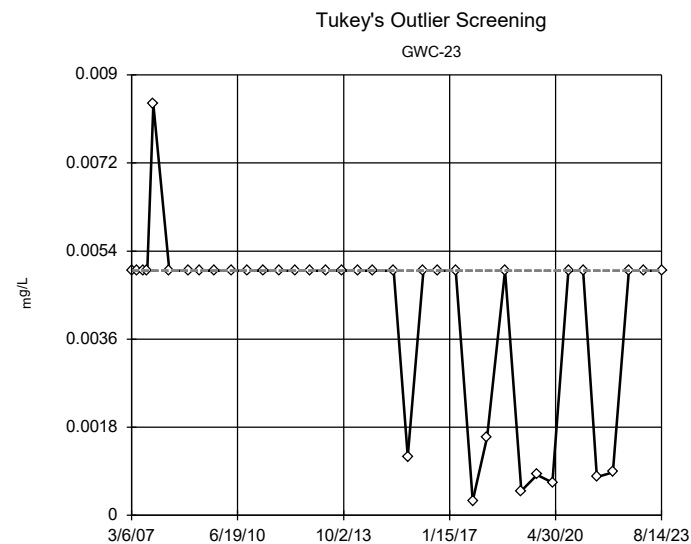
n = 37

No outliers found.
Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 2/29/2024 4:05 PM
Plant Hammond Data: Huffaker Road Landfill



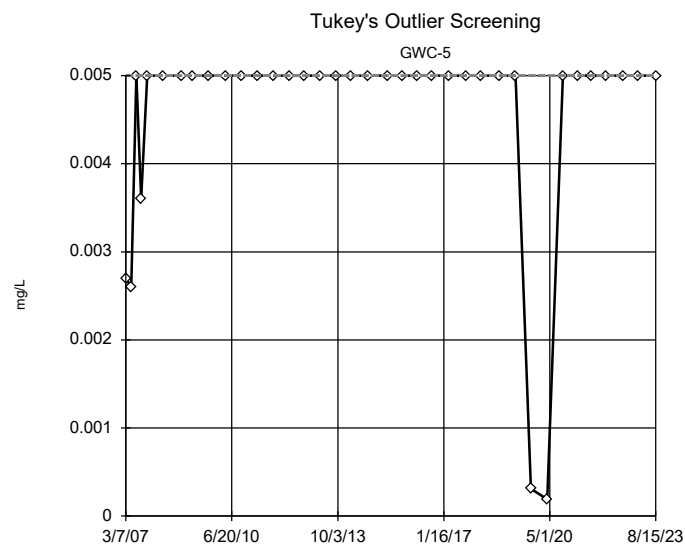
n = 37

No outliers found.
Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 2/29/2024 4:05 PM
Plant Hammond Data: Huffaker Road Landfill



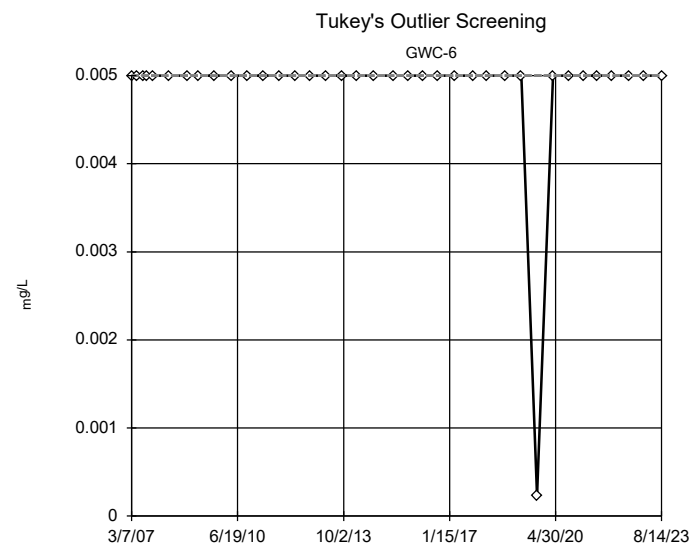
n = 37

No outliers found.
Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 2/29/2024 4:05 PM
Plant Hammond Data: Huffaker Road Landfill



n = 37

No outliers found.
Tukey's method selected by user.

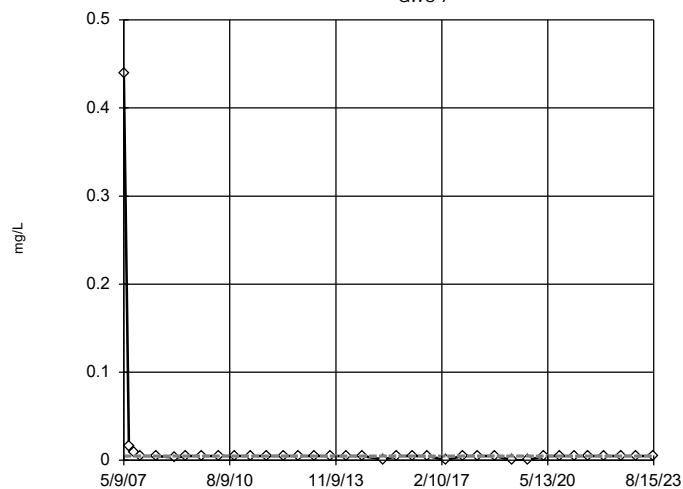
Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 2/29/2024 4:05 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-7



n = 36

No outliers found.
Tukey's method selected by user.

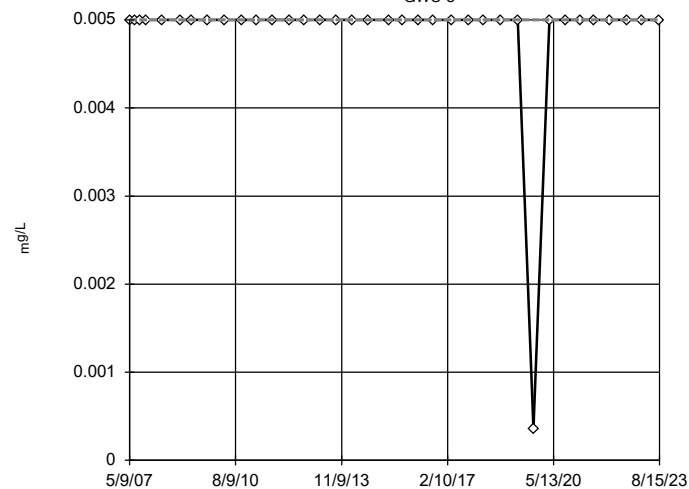
Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 2/29/2024 4:05 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-8



n = 36

No outliers found.
Tukey's method selected by user.

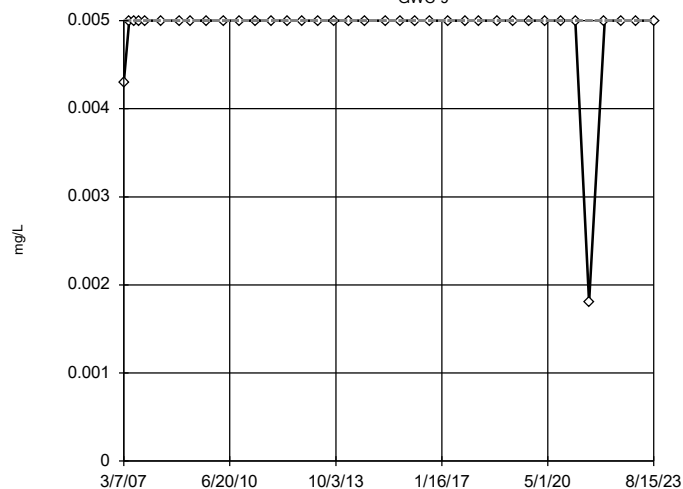
Data were x*6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 2/29/2024 4:05 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-9



n = 37

No outliers found.
Tukey's method selected by user.

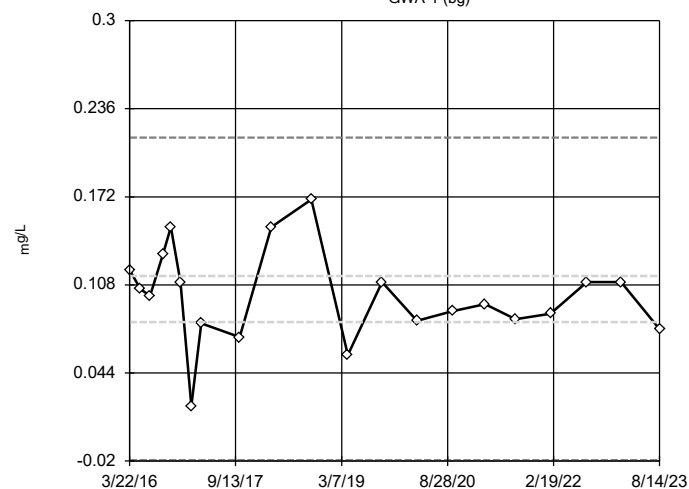
Data were x*6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 2/29/2024 4:05 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWA-1 (bg)



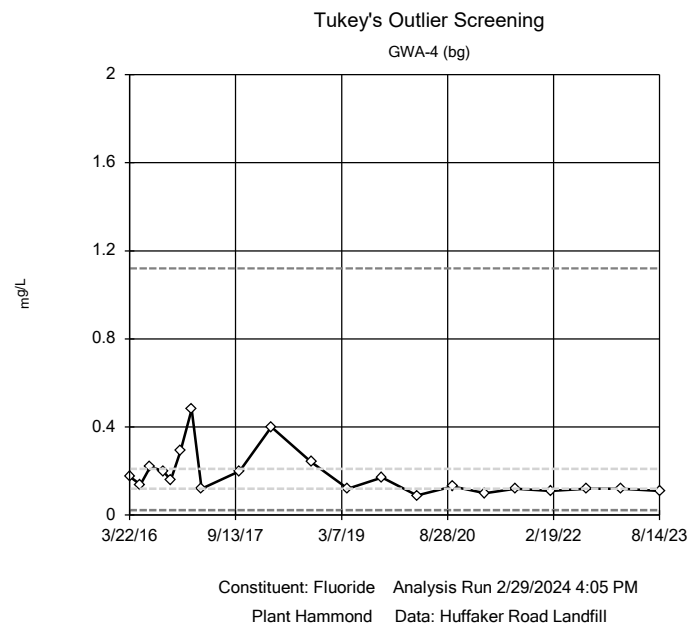
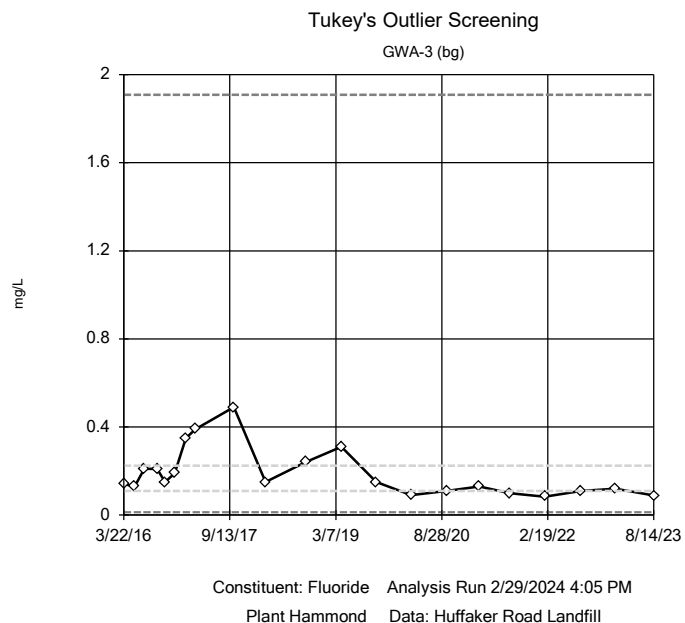
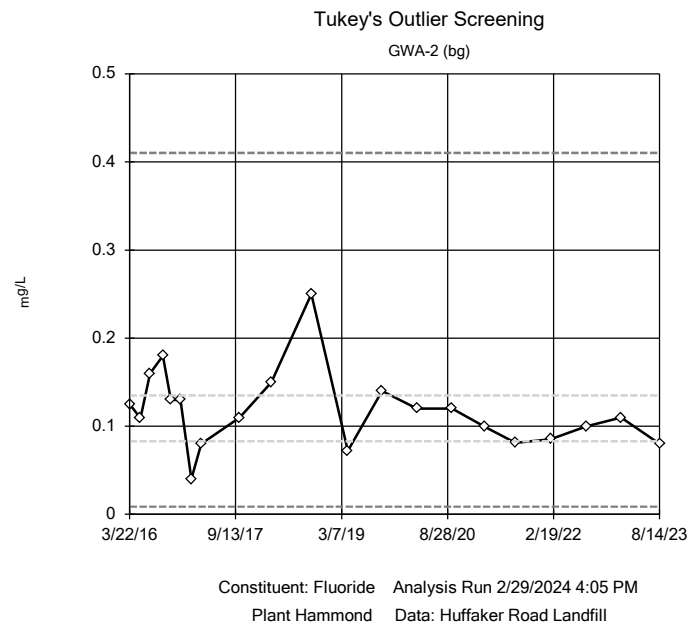
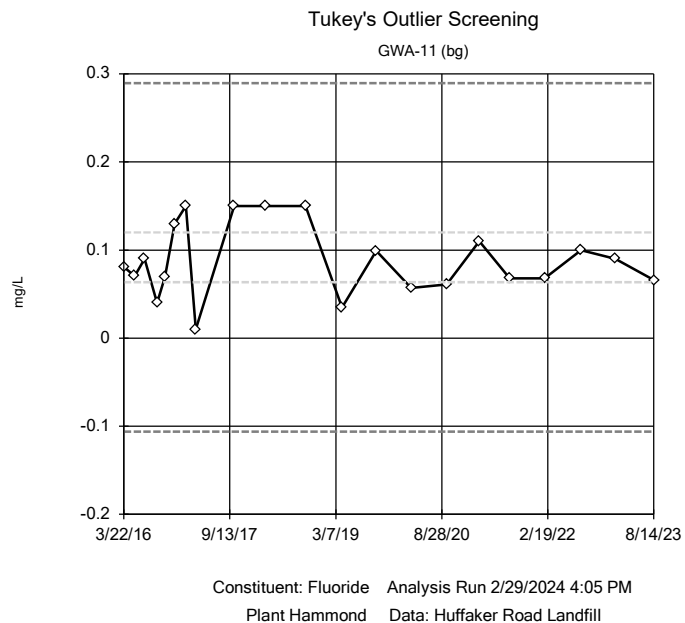
n = 21

No outliers found.
Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

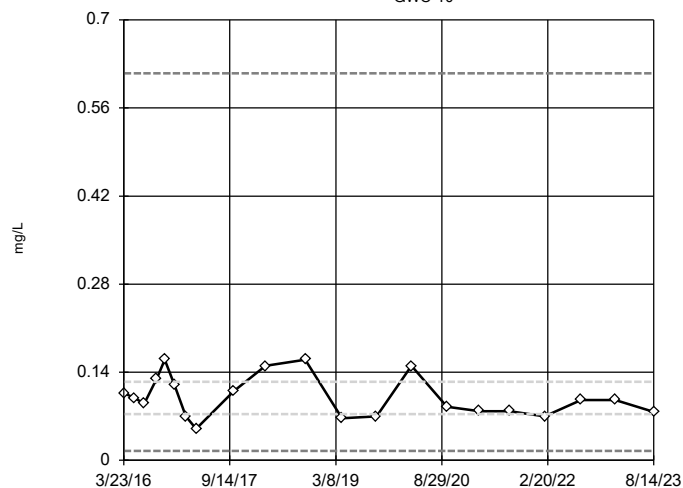
High cutoff = 0.215, low cutoff = -0.0195, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 2/29/2024 4:05 PM
Plant Hammond Data: Huffaker Road Landfill



Tukey's Outlier Screening

GWC-10



n = 21

No outliers found.
Tukey's method selected by user.

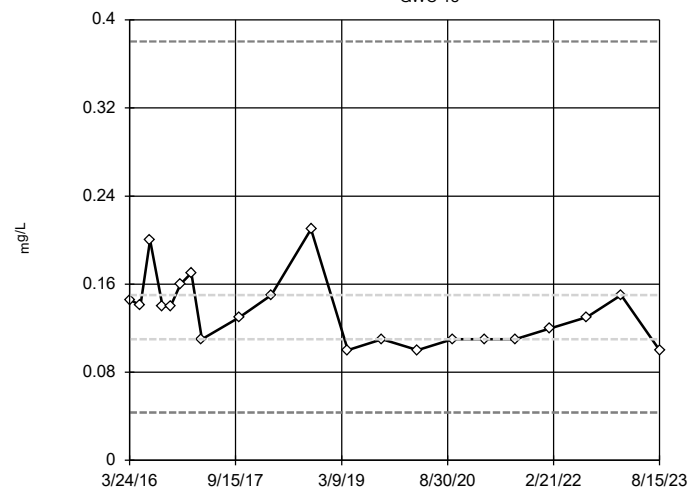
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.615, low cutoff = 0.01491, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 2/29/2024 4:05 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-18



n = 21

No outliers found.
Tukey's method selected by user.

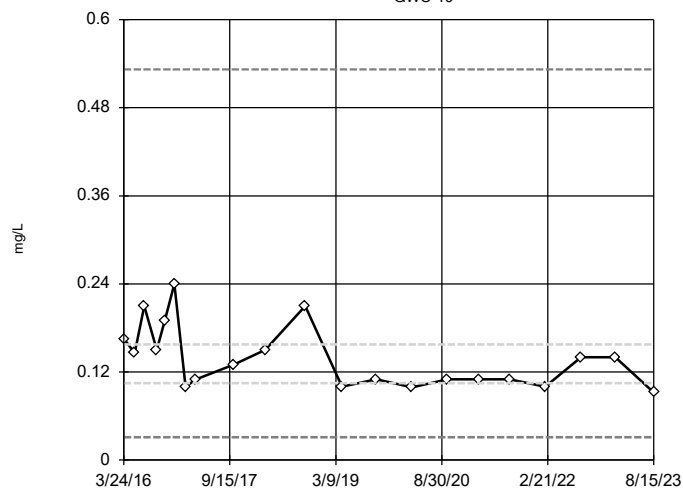
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.3804, low cutoff = 0.04338, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 2/29/2024 4:05 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-19



n = 21

No outliers found.
Tukey's method selected by user.

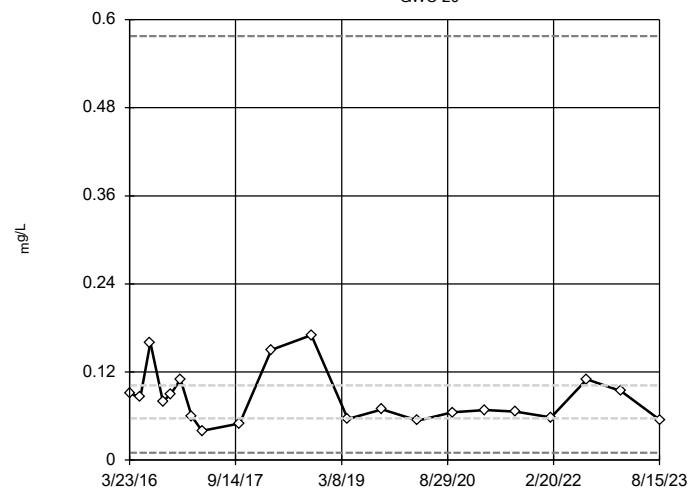
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.5322, low cutoff = 0.03102, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 2/29/2024 4:05 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-20



n = 21

No outliers found.
Tukey's method selected by user.

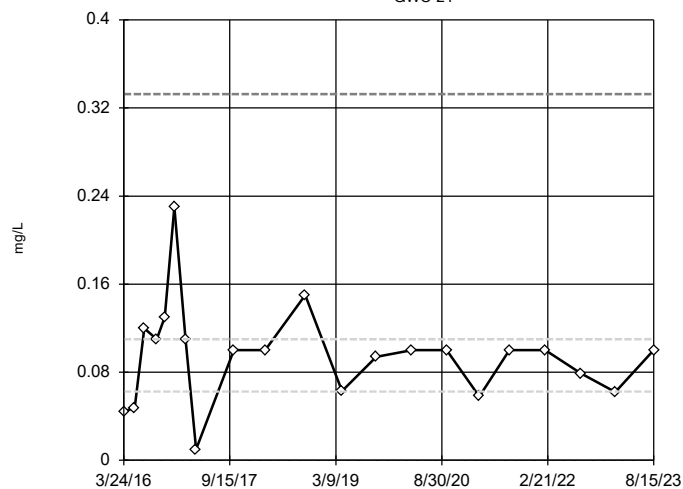
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.5776, low cutoff = 0.01003, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 2/29/2024 4:05 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-21



n = 21

No outliers found.
Tukey's method selected by user.

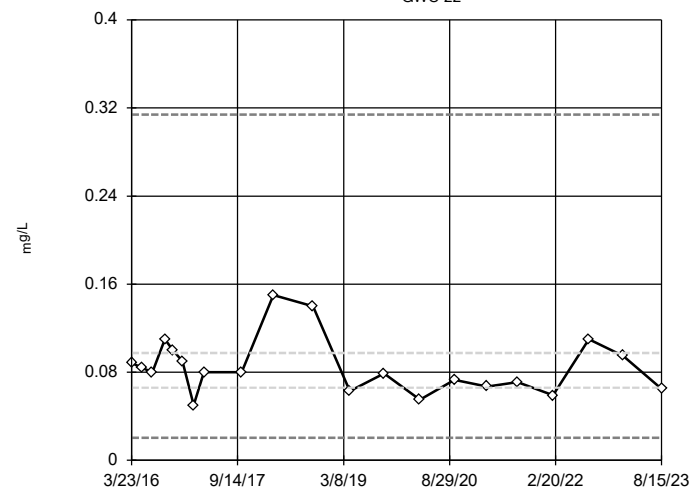
Data were square root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.3325,
low cutoff = 0.00002505,
based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 2/29/2024 4:05 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-22



n = 21

No outliers found.
Tukey's method selected by user.

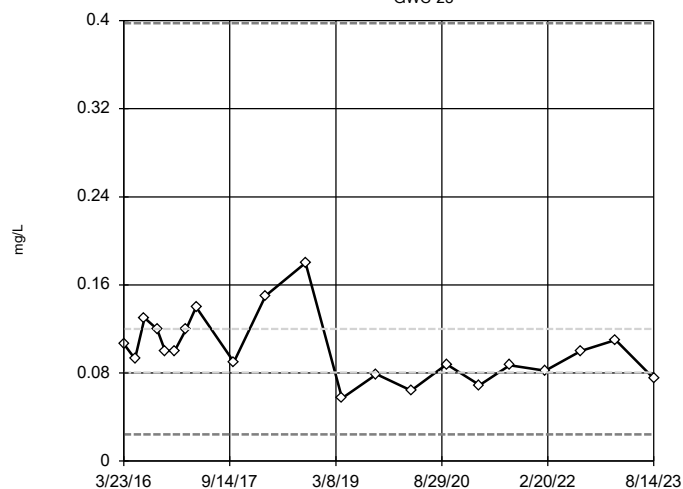
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.314,
low cutoff = 0.02048,
based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 2/29/2024 4:05 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-23



n = 21

No outliers found.
Tukey's method selected by user.

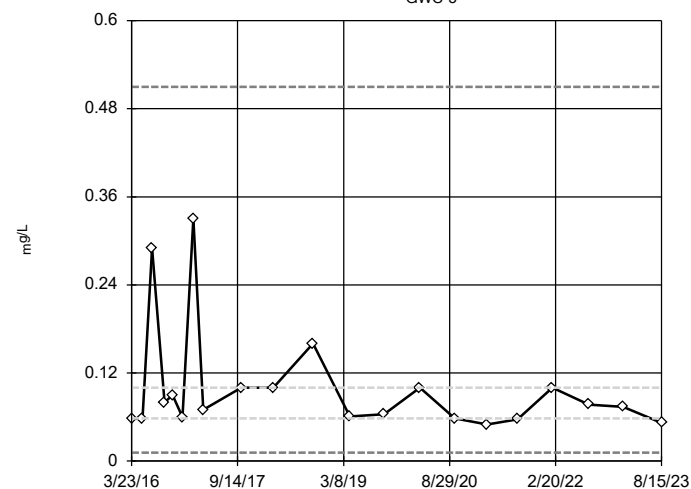
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.3977,
low cutoff = 0.02429,
based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 2/29/2024 4:05 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-5



n = 21

No outliers found.
Tukey's method selected by user.

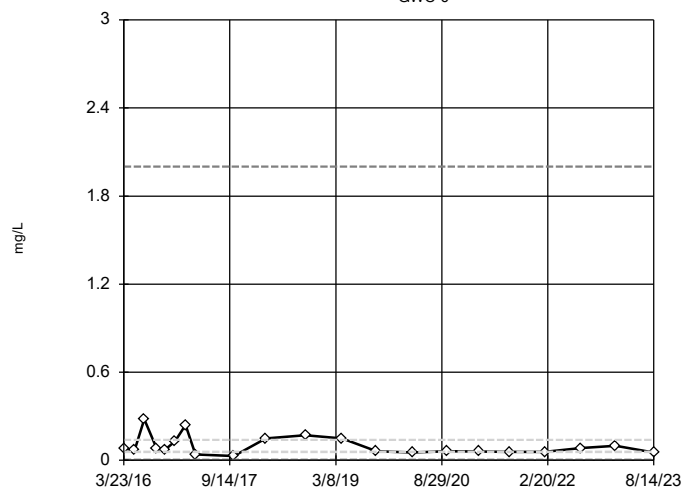
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.5099,
low cutoff = 0.01139,
based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 2/29/2024 4:05 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-6



Constituent: Fluoride Analysis Run 2/29/2024 4:05 PM
Plant Hammond Data: Huffaker Road Landfill

n = 21

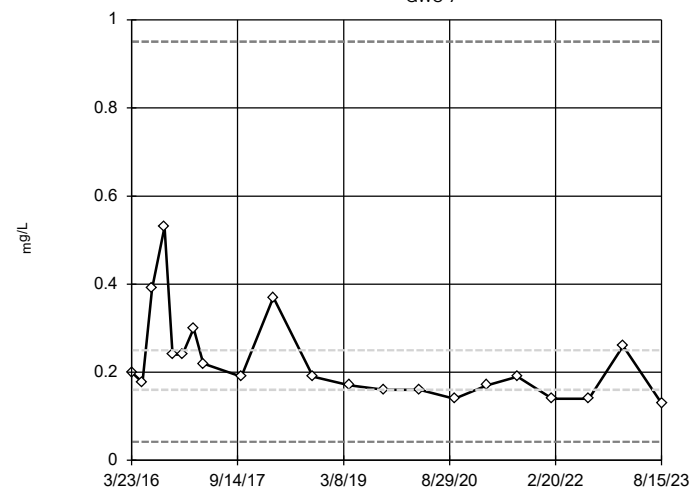
No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 2, low cutoff = 0.004014, based on IQR multiplier of 3.

Tukey's Outlier Screening

GWC-7



Constituent: Fluoride Analysis Run 2/29/2024 4:05 PM
Plant Hammond Data: Huffaker Road Landfill

n = 21

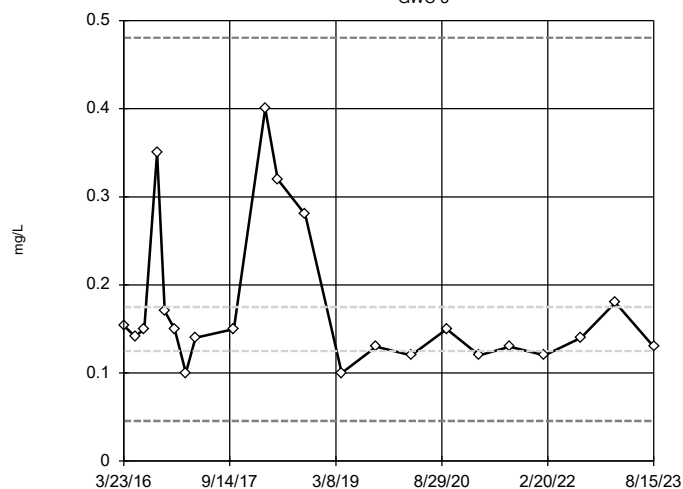
No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.9506, low cutoff = 0.04204, based on IQR multiplier of 3.

Tukey's Outlier Screening

GWC-8



Constituent: Fluoride Analysis Run 2/29/2024 4:05 PM
Plant Hammond Data: Huffaker Road Landfill

n = 22

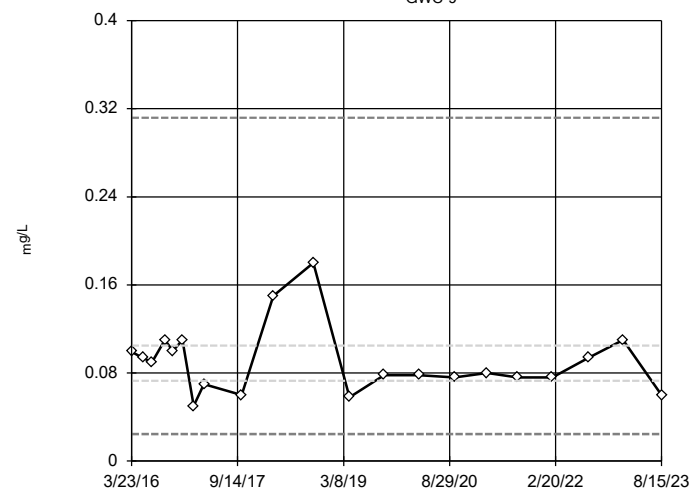
No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.4806, low cutoff = 0.04546, based on IQR multiplier of 3.

Tukey's Outlier Screening

GWC-9



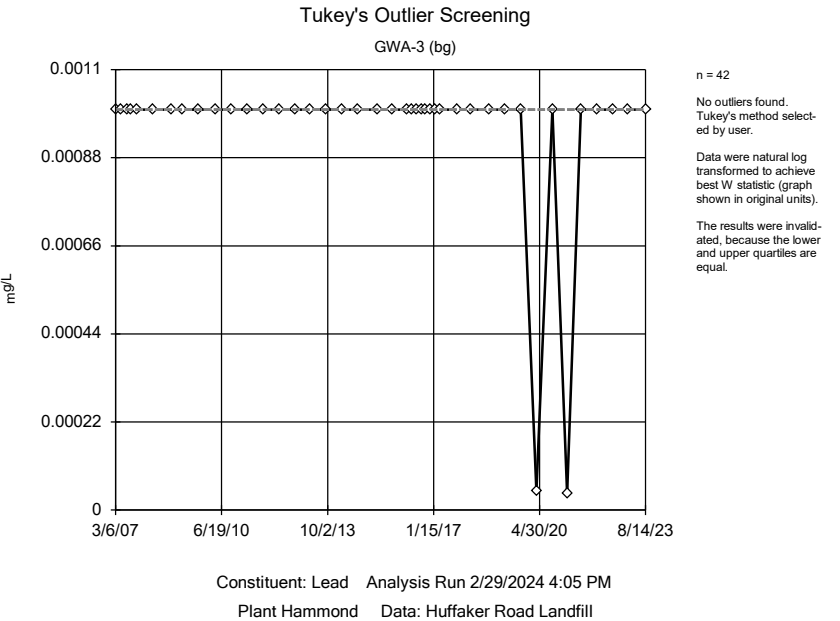
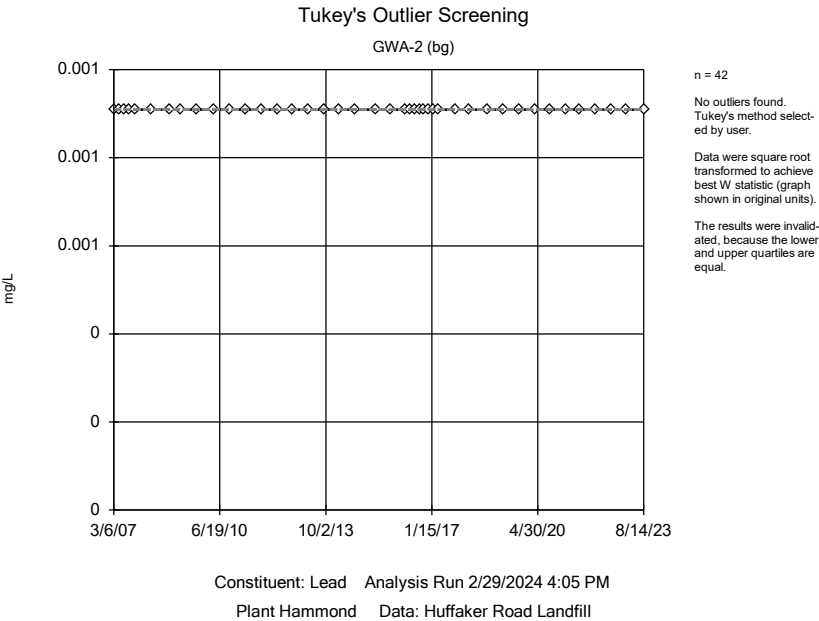
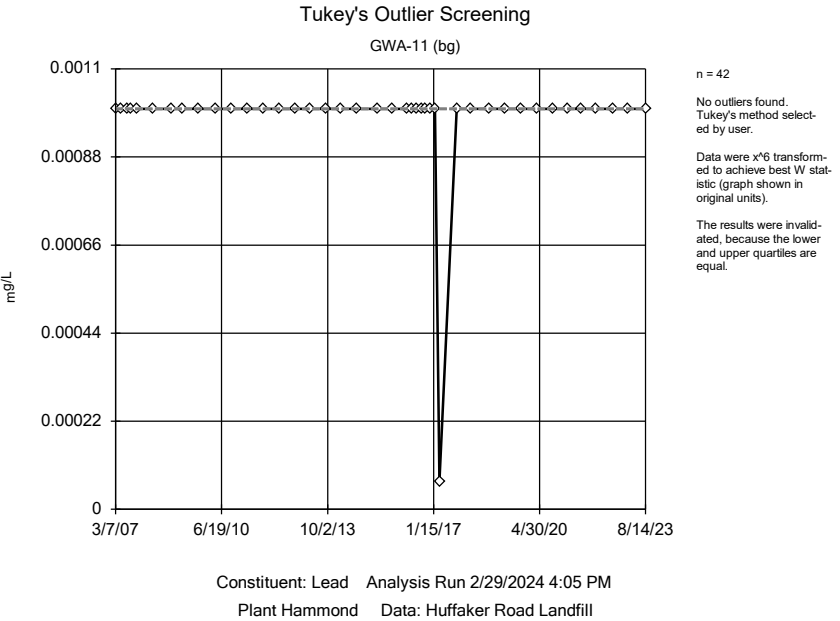
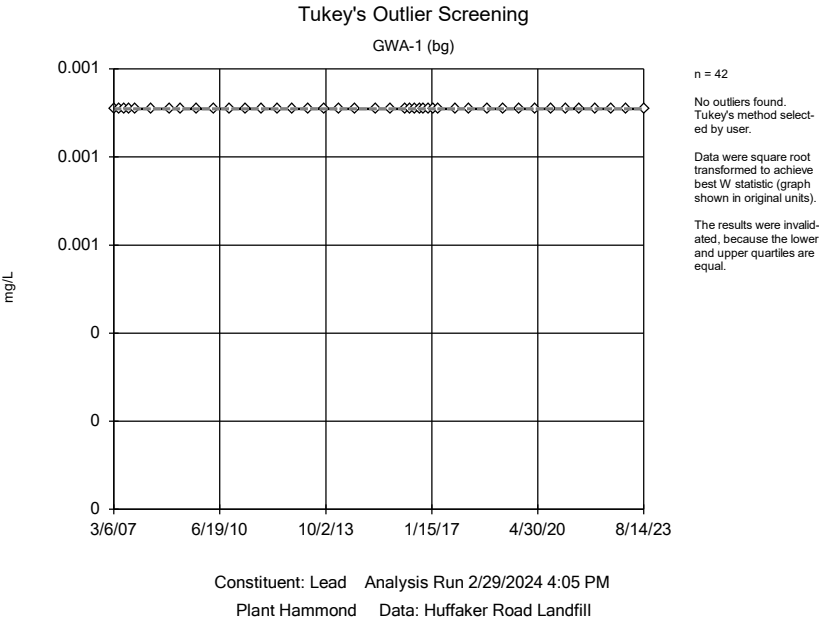
Constituent: Fluoride Analysis Run 2/29/2024 4:05 PM
Plant Hammond Data: Huffaker Road Landfill

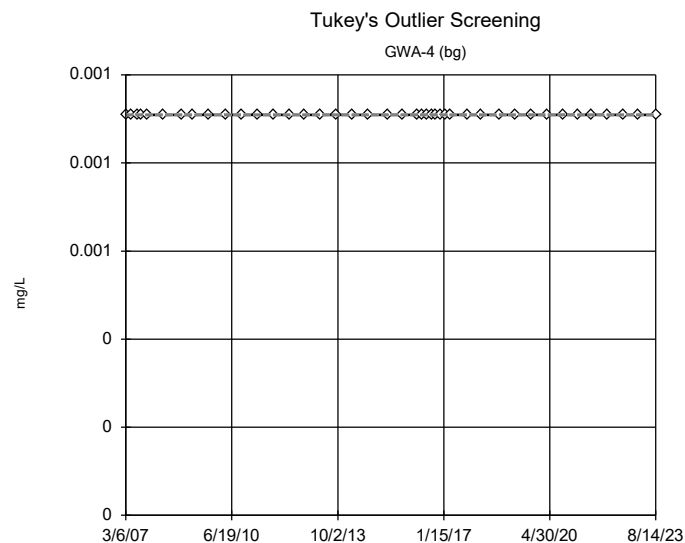
n = 21

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.3118, low cutoff = 0.02453, based on IQR multiplier of 3.





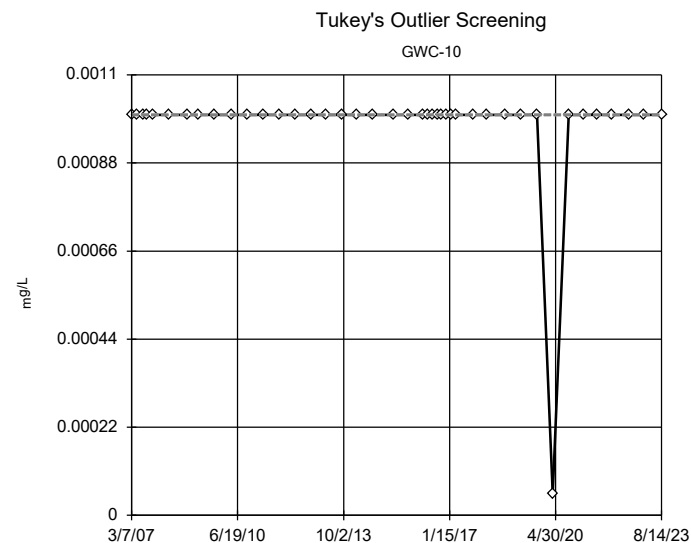
Constituent: Lead Analysis Run 2/29/2024 4:05 PM
Plant Hammond Data: Huffaker Road Landfill

n = 42

No outliers found.
Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.



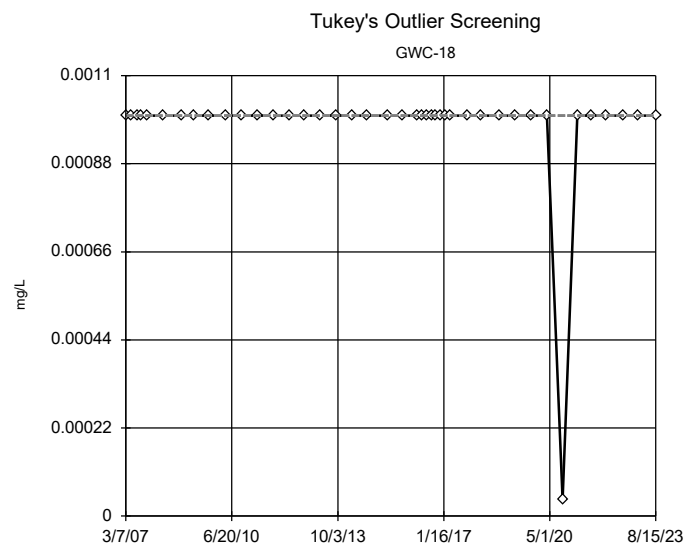
Constituent: Lead Analysis Run 2/29/2024 4:05 PM
Plant Hammond Data: Huffaker Road Landfill

n = 42

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.



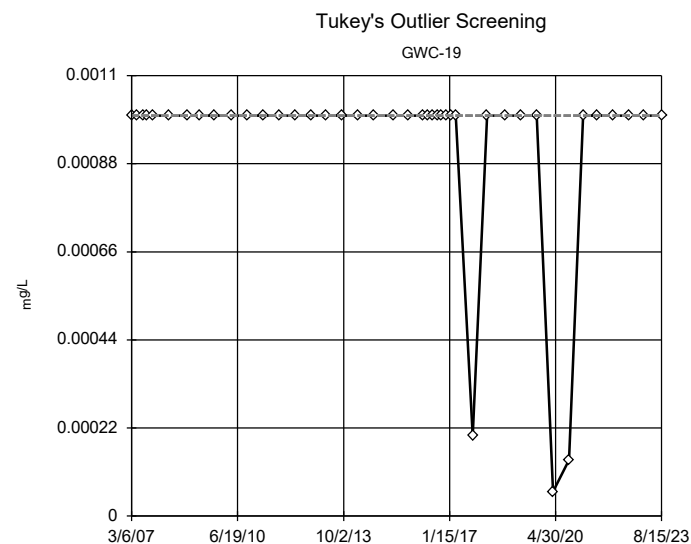
Constituent: Lead Analysis Run 2/29/2024 4:05 PM
Plant Hammond Data: Huffaker Road Landfill

n = 42

No outliers found.
Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.



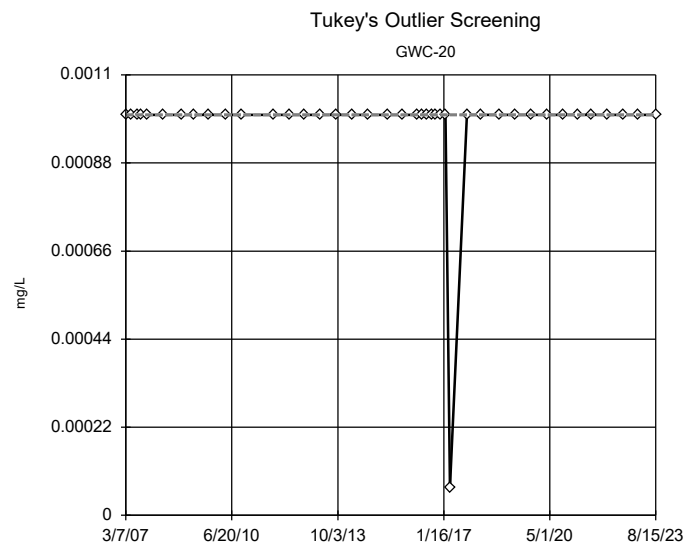
Constituent: Lead Analysis Run 2/29/2024 4:05 PM
Plant Hammond Data: Huffaker Road Landfill

n = 42

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.



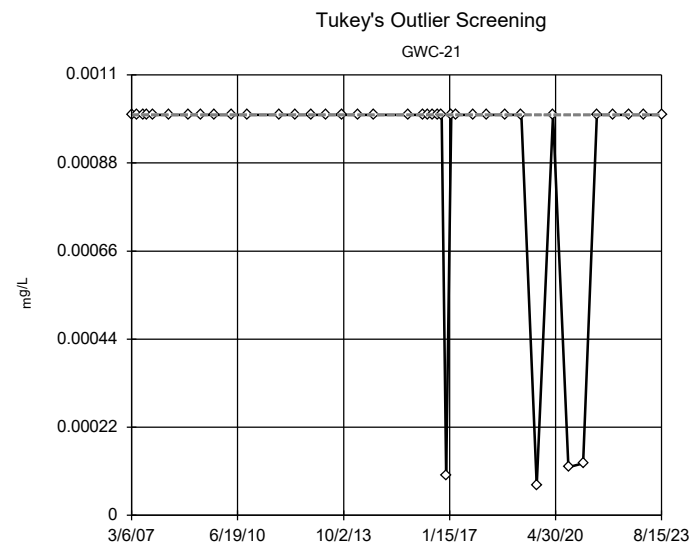
n = 41

No outliers found.
Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 2/29/2024 4:05 PM
Plant Hammond Data: Huffaker Road Landfill



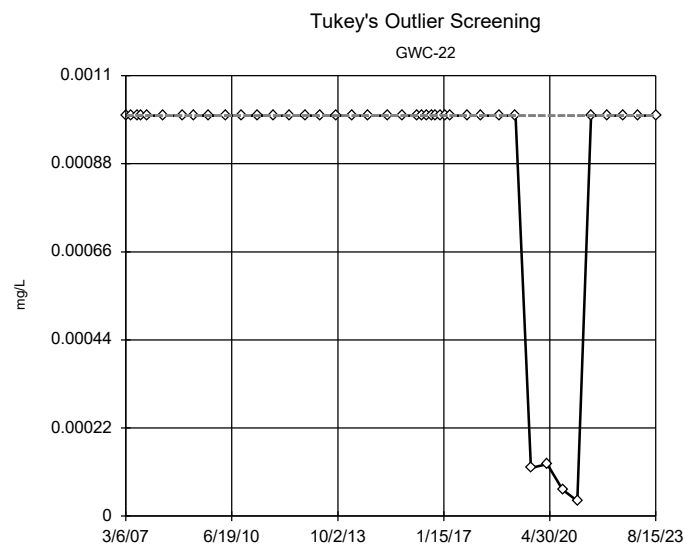
n = 40

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 2/29/2024 4:05 PM
Plant Hammond Data: Huffaker Road Landfill



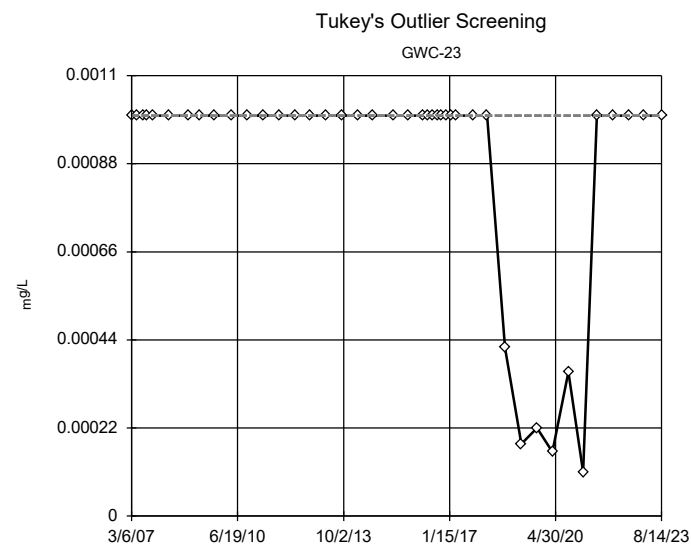
n = 42

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 2/29/2024 4:05 PM
Plant Hammond Data: Huffaker Road Landfill



n = 42

No outliers found.
Tukey's method selected by user.

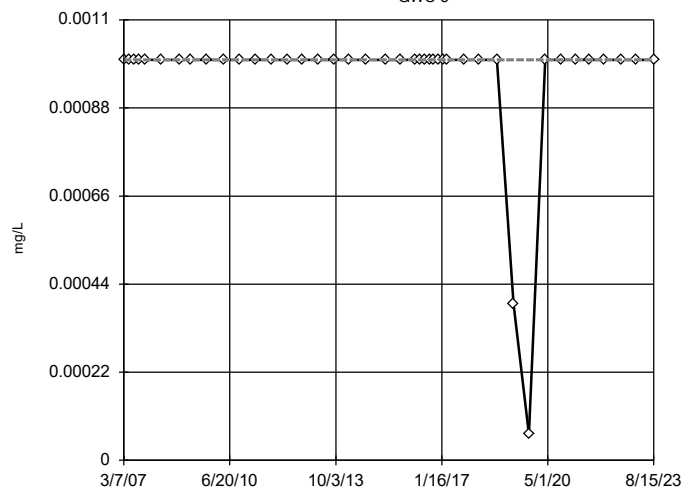
Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 2/29/2024 4:05 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-5



n = 42

No outliers found.
Tukey's method selected by user.

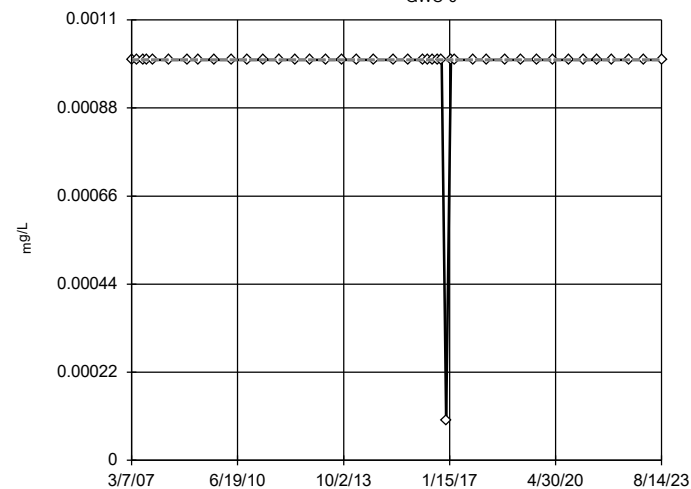
Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 2/29/2024 4:05 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-6



n = 42

No outliers found.
Tukey's method selected by user.

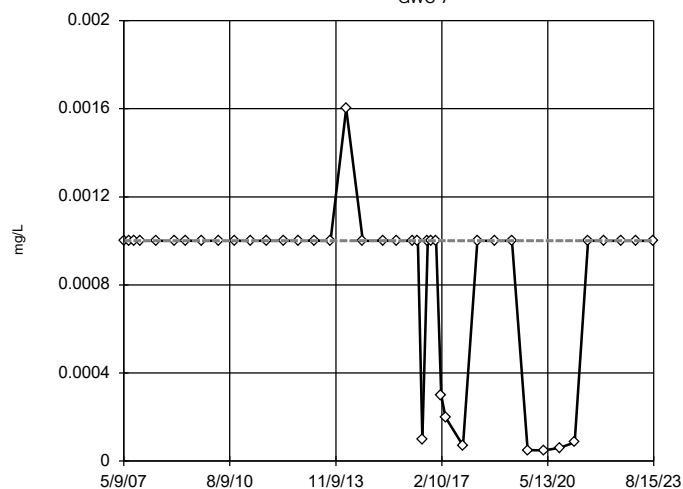
Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 2/29/2024 4:05 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-7



n = 41

No outliers found.
Tukey's method selected by user.

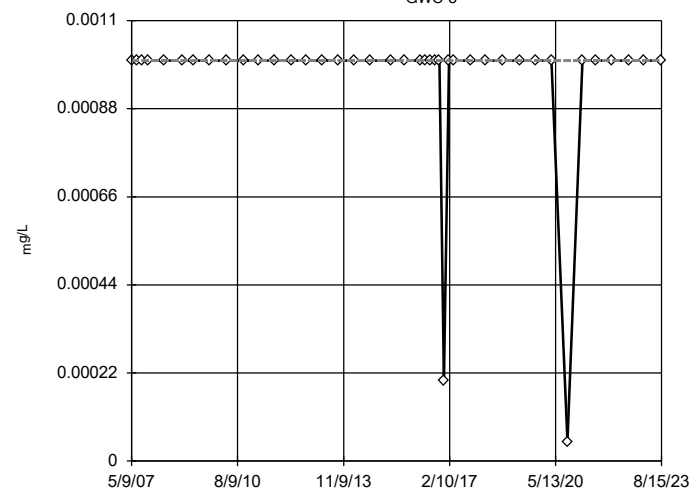
Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 2/29/2024 4:05 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-8



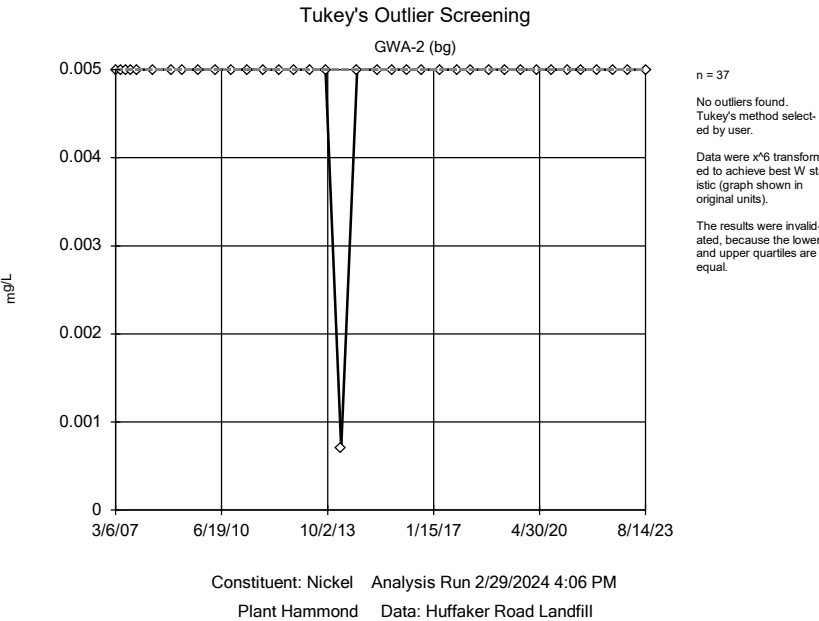
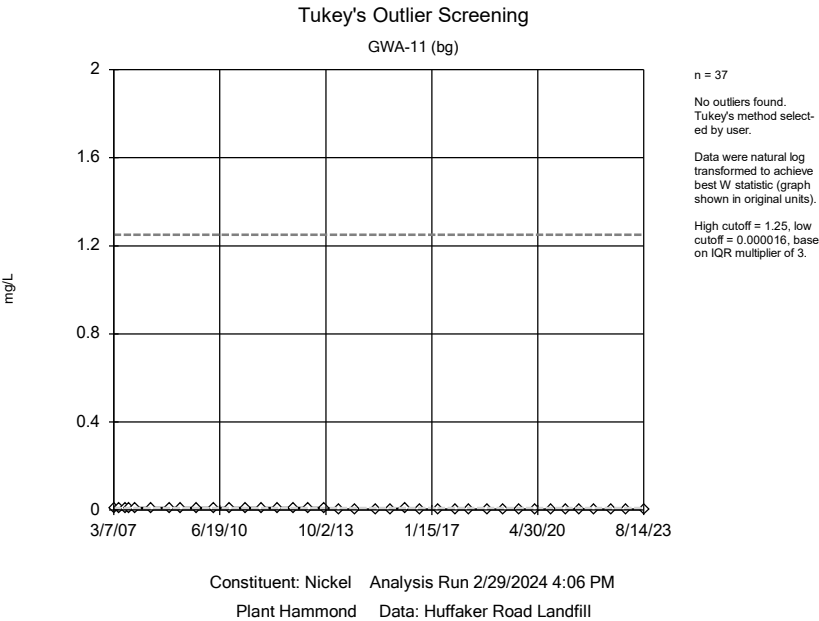
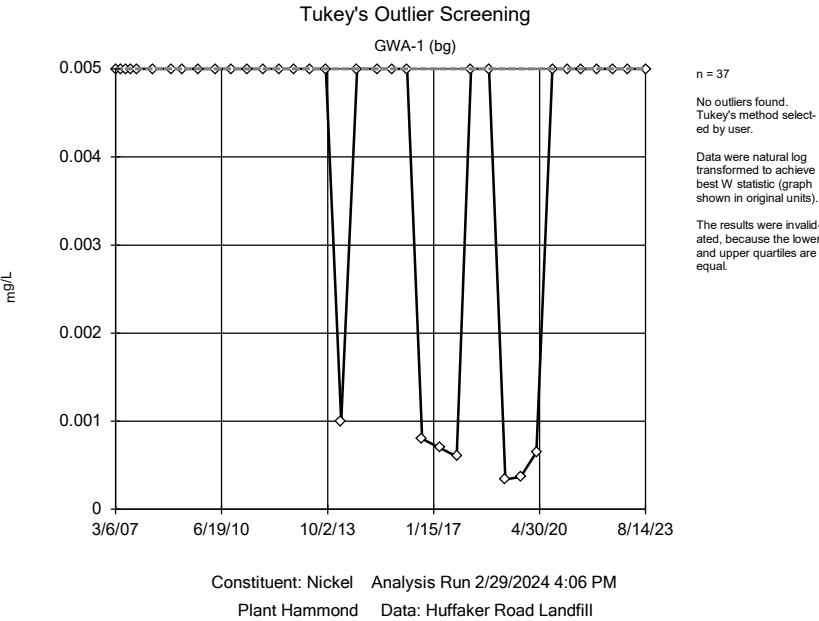
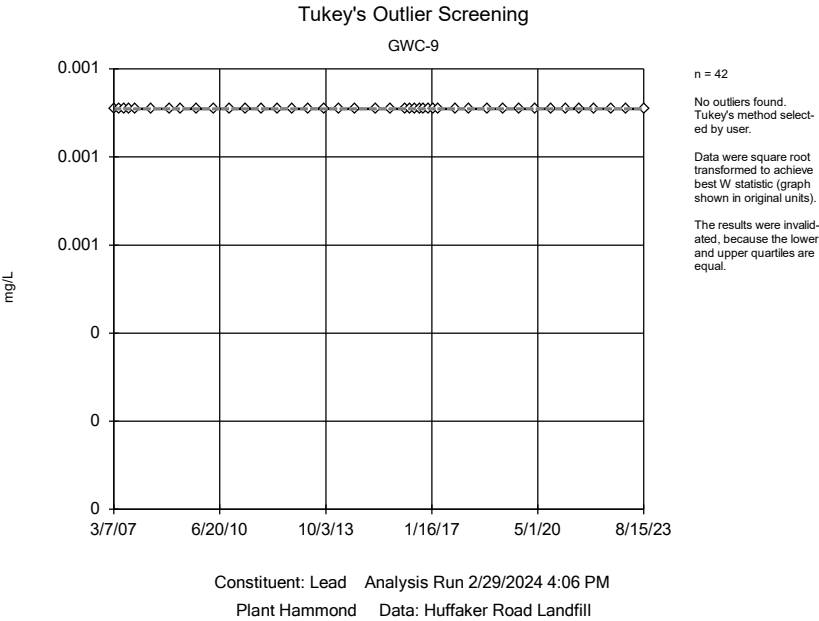
n = 41

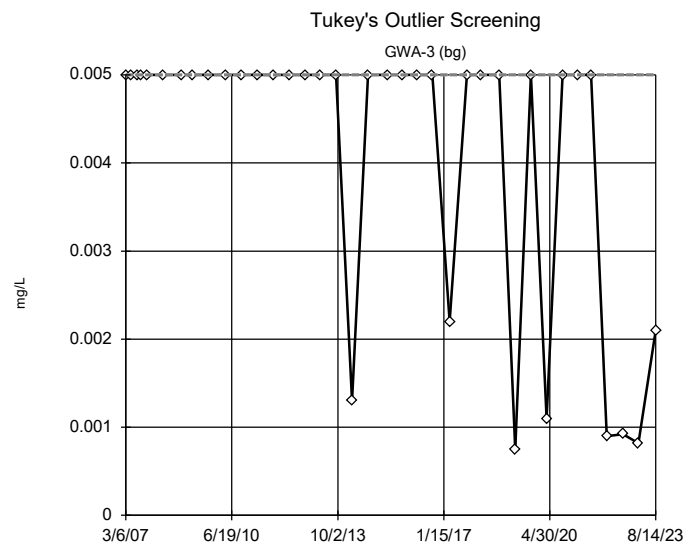
No outliers found.
Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

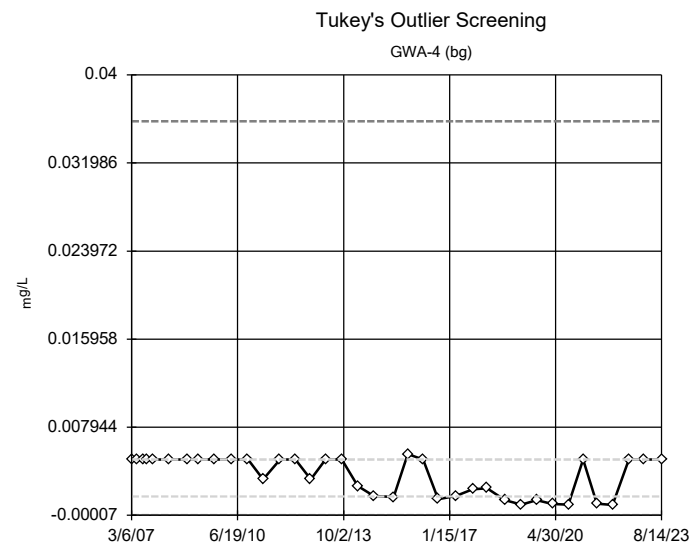
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 2/29/2024 4:06 PM
Plant Hammond Data: Huffaker Road Landfill

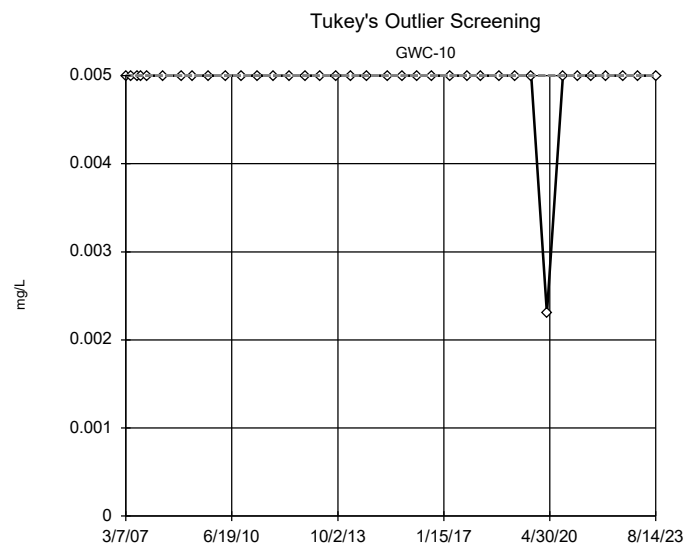




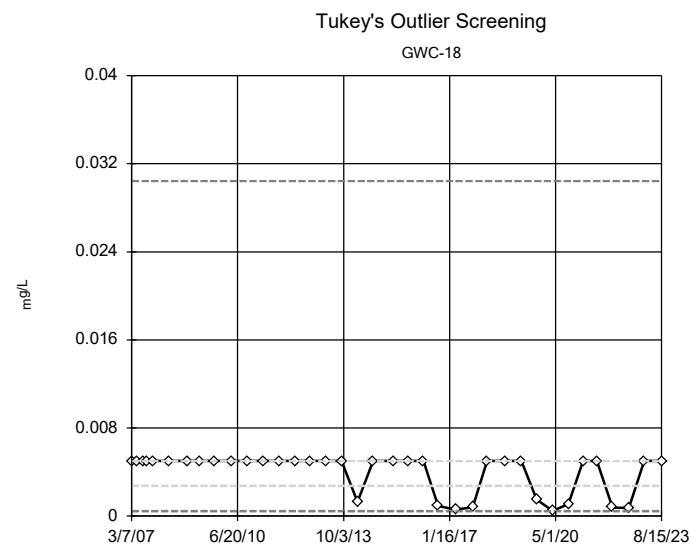
Constituent: Nickel Analysis Run 2/29/2024 4:06 PM
Plant Hammond Data: Huffaker Road Landfill



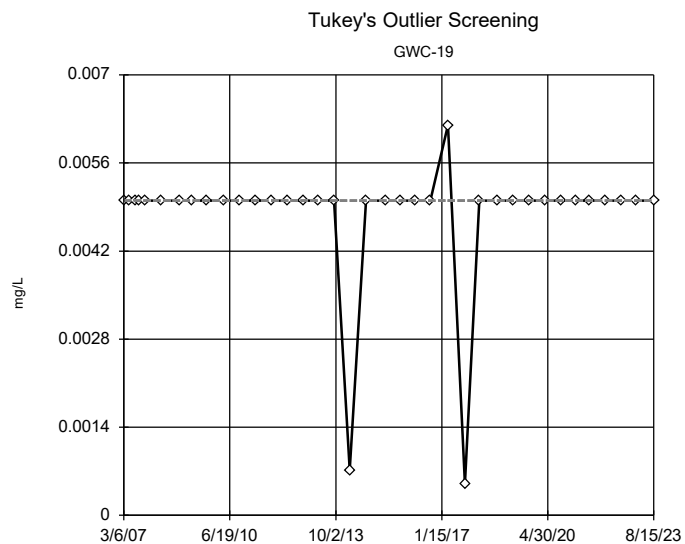
Constituent: Nickel Analysis Run 2/29/2024 4:06 PM
Plant Hammond Data: Huffaker Road Landfill



Constituent: Nickel Analysis Run 2/29/2024 4:06 PM
Plant Hammond Data: Huffaker Road Landfill



Constituent: Nickel Analysis Run 2/29/2024 4:06 PM
Plant Hammond Data: Huffaker Road Landfill



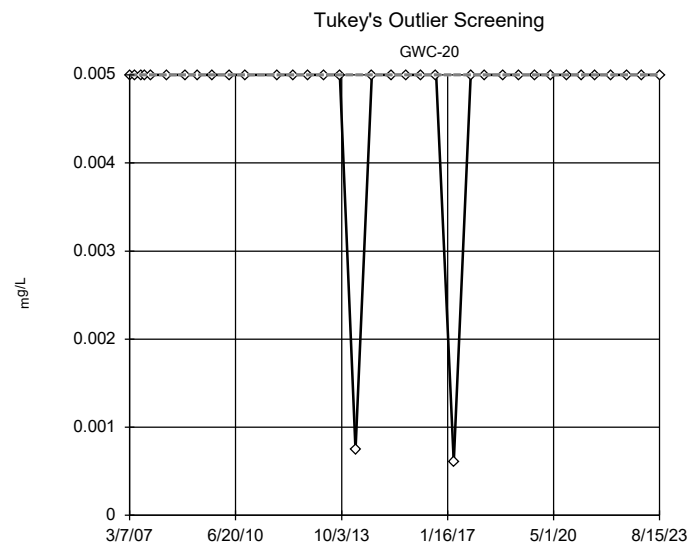
n = 37

No outliers found.
Tukey's method selected by user.

Data were x^4 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Nickel Analysis Run 2/29/2024 4:06 PM
Plant Hammond Data: Huffaker Road Landfill



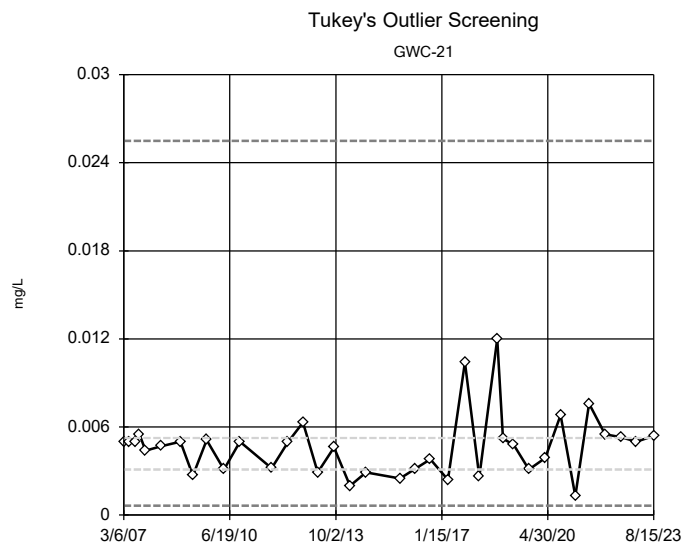
n = 36

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Nickel Analysis Run 2/29/2024 4:06 PM
Plant Hammond Data: Huffaker Road Landfill



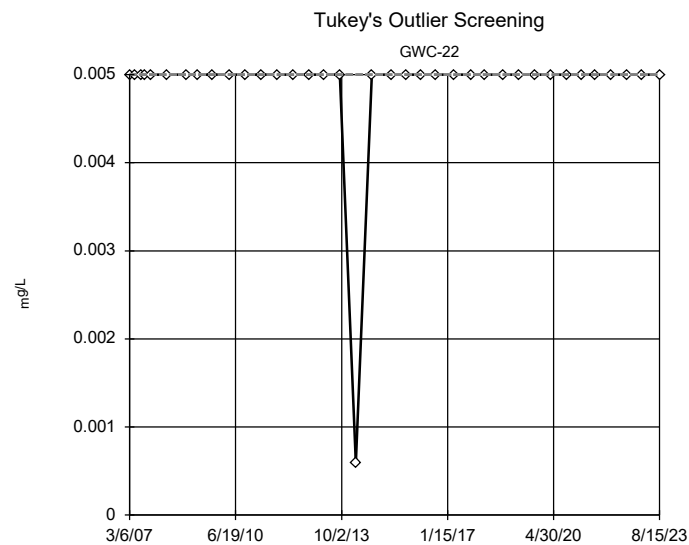
n = 36

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.0255,
low cutoff = 0.0006383,
based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 2/29/2024 4:06 PM
Plant Hammond Data: Huffaker Road Landfill



n = 37

No outliers found.
Tukey's method selected by user.

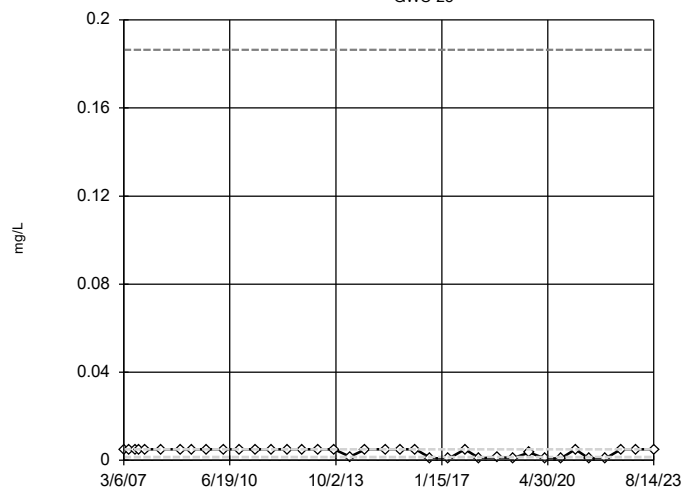
Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Nickel Analysis Run 2/29/2024 4:06 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-23



n = 37

No outliers found.
Tukey's method selected by user.

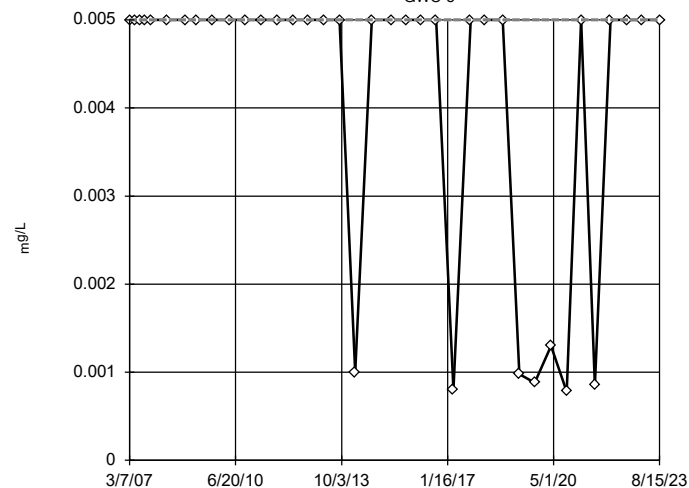
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.1864,
low cutoff = 0.00004014,
based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 2/29/2024 4:06 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-5



n = 37

No outliers found.
Tukey's method selected by user.

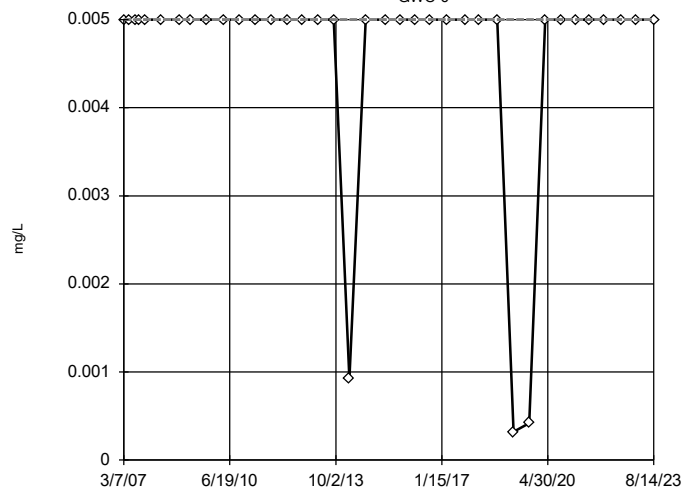
Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Nickel Analysis Run 2/29/2024 4:06 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-6



n = 37

No outliers found.
Tukey's method selected by user.

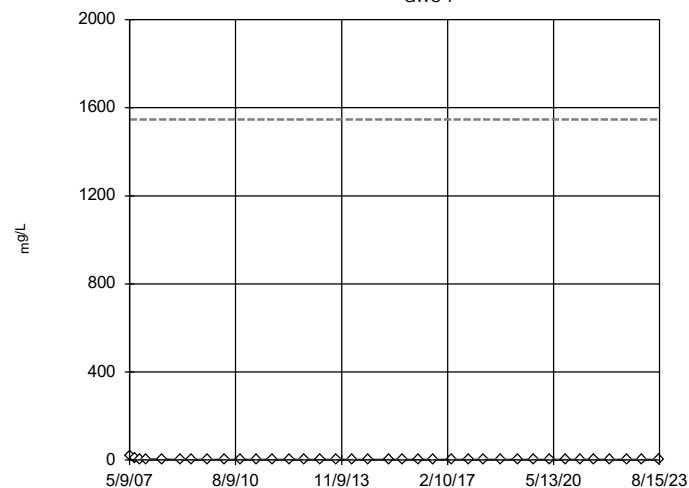
Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Nickel Analysis Run 2/29/2024 4:06 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-7



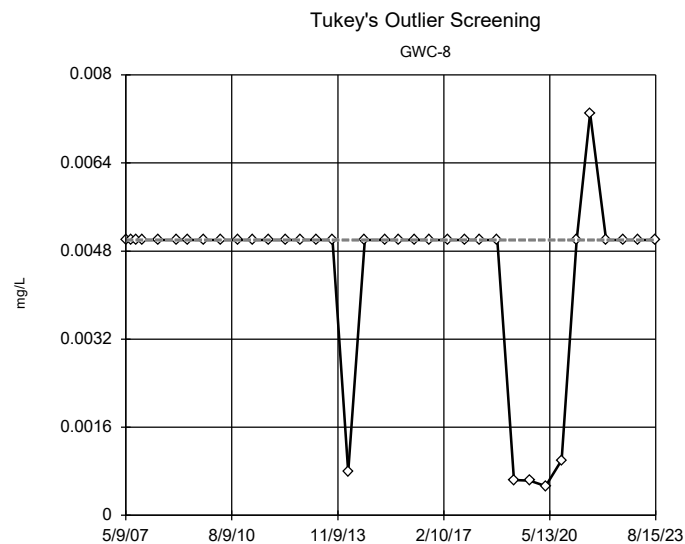
n = 36

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 1547, low cutoff = 0.00003022, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 2/29/2024 4:06 PM
Plant Hammond Data: Huffaker Road Landfill



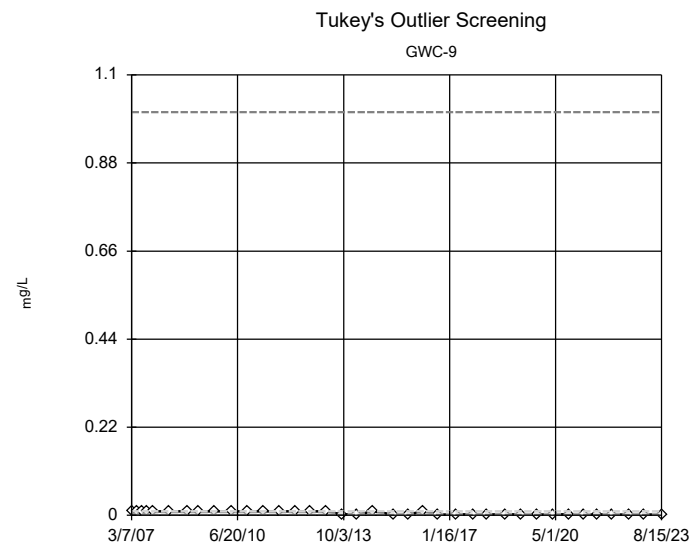
n = 36

No outliers found.
Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Nickel Analysis Run 2/29/2024 4:06 PM
Plant Hammond Data: Huffaker Road Landfill



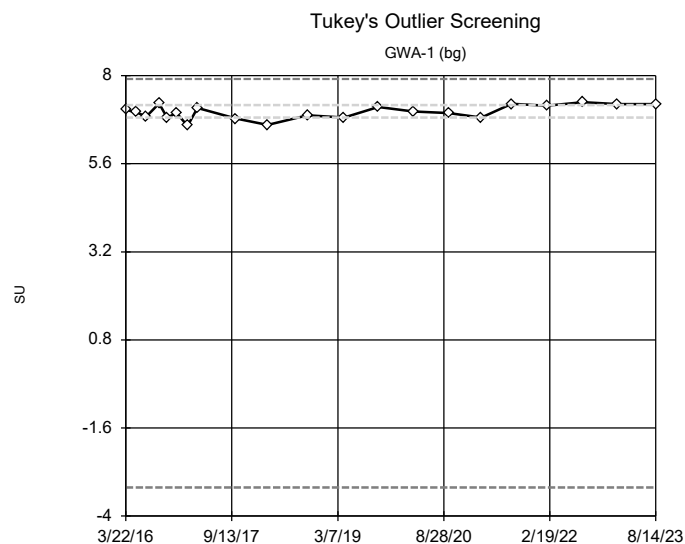
n = 37

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 1.007, low cutoff = 0.00002134, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 2/29/2024 4:06 PM
Plant Hammond Data: Huffaker Road Landfill



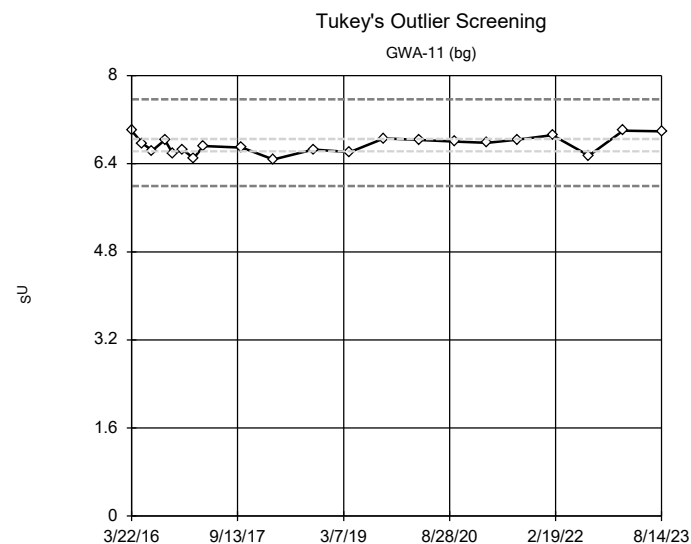
n = 21

No outliers found.
Tukey's method selected by user.

Data were x*6 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 7.909, low cutoff = -3.221, based on IQR multiplier of 3.

Constituent: pH Analysis Run 2/29/2024 4:06 PM
Plant Hammond Data: Huffaker Road Landfill



n = 21

No outliers found.
Tukey's method selected by user.

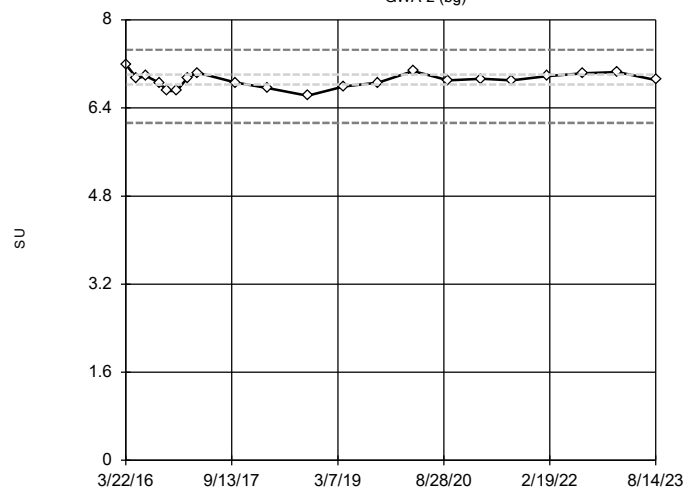
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 7.572, low cutoff = 5.993, based on IQR multiplier of 3.

Constituent: pH Analysis Run 2/29/2024 4:06 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

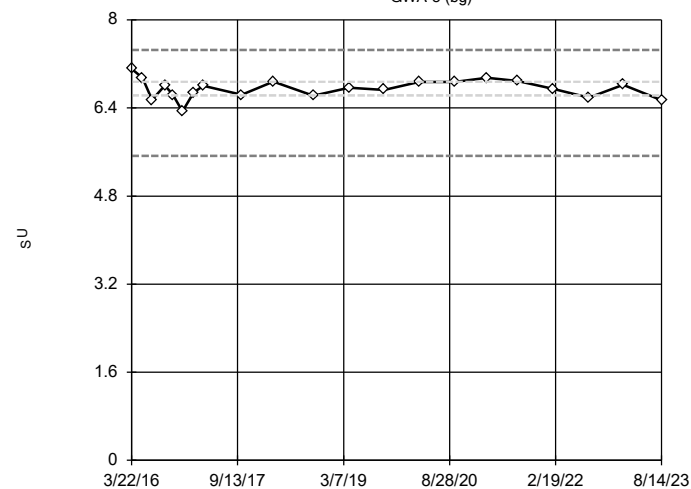
GWA-2 (bg)



Constituent: pH Analysis Run 2/29/2024 4:06 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

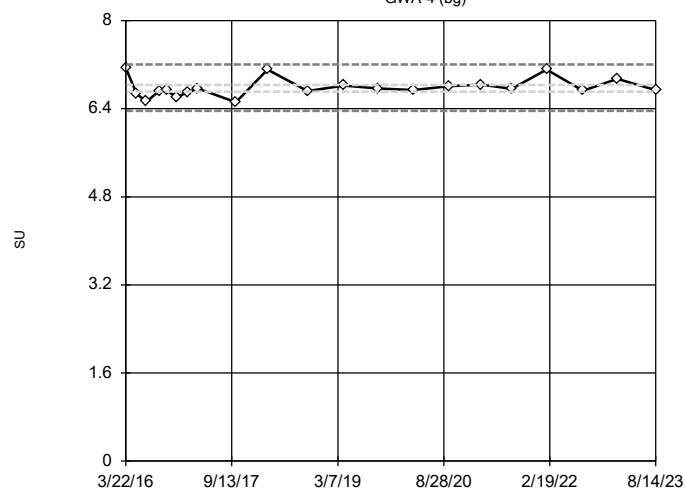
GWA-3 (bg)



Constituent: pH Analysis Run 2/29/2024 4:06 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

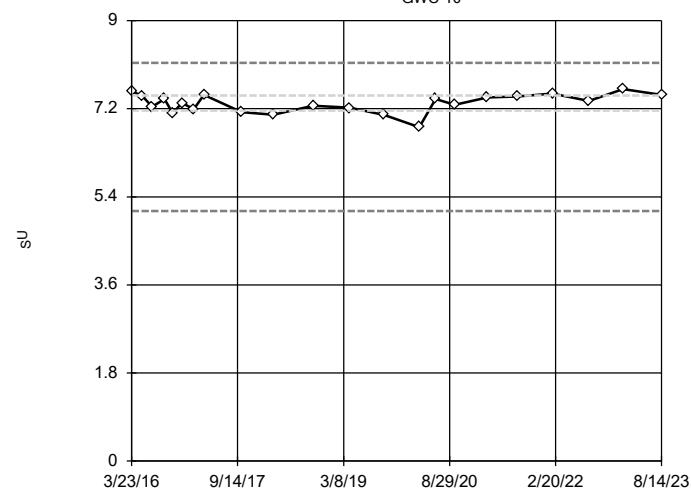
GWA-4 (bg)



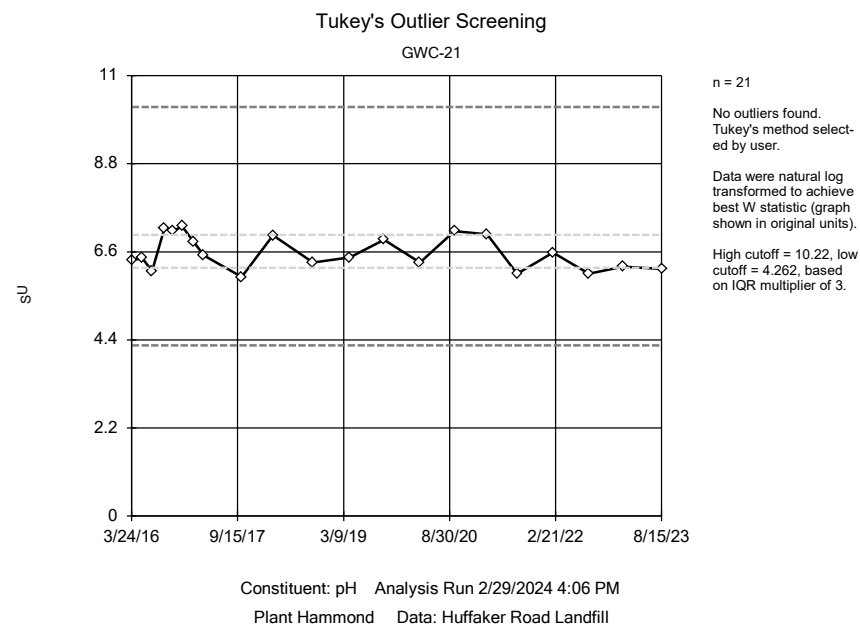
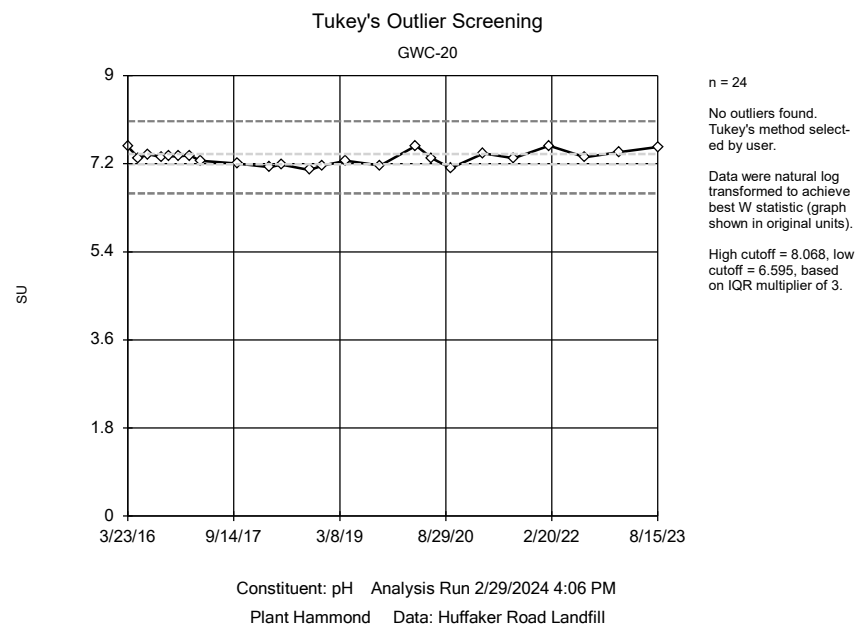
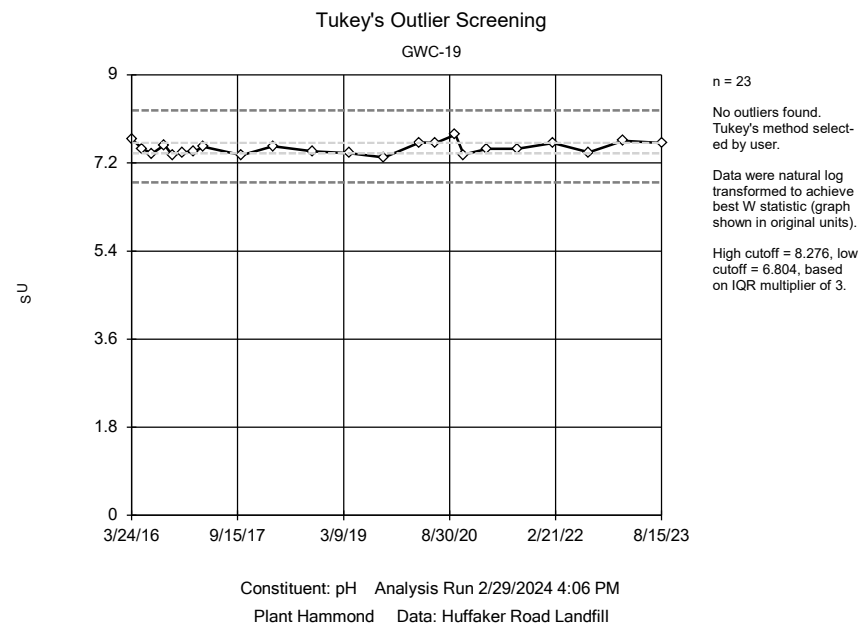
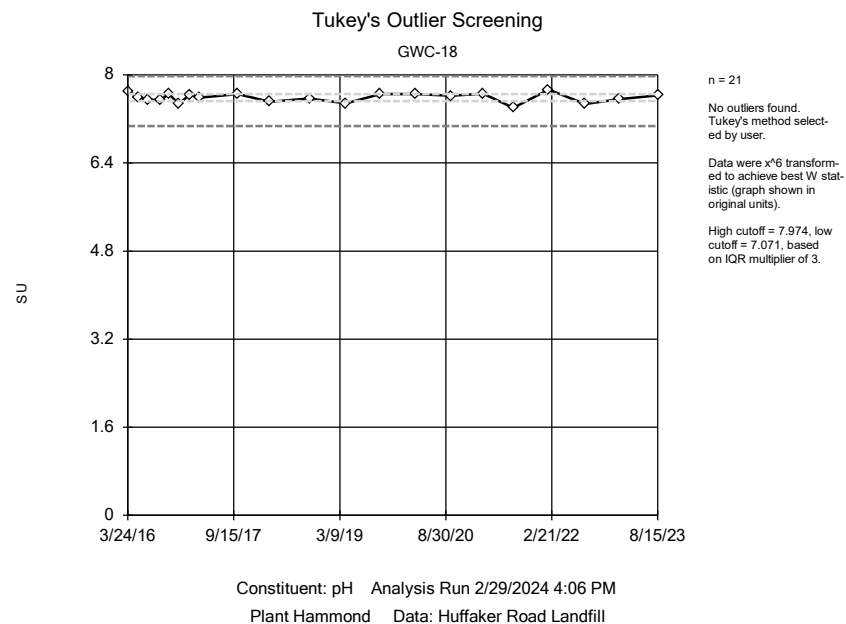
Constituent: pH Analysis Run 2/29/2024 4:06 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-10

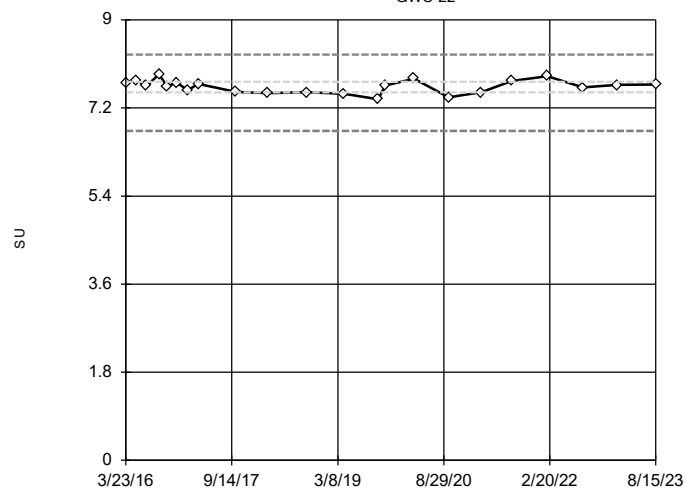


Constituent: pH Analysis Run 2/29/2024 4:06 PM
Plant Hammond Data: Huffaker Road Landfill



Tukey's Outlier Screening

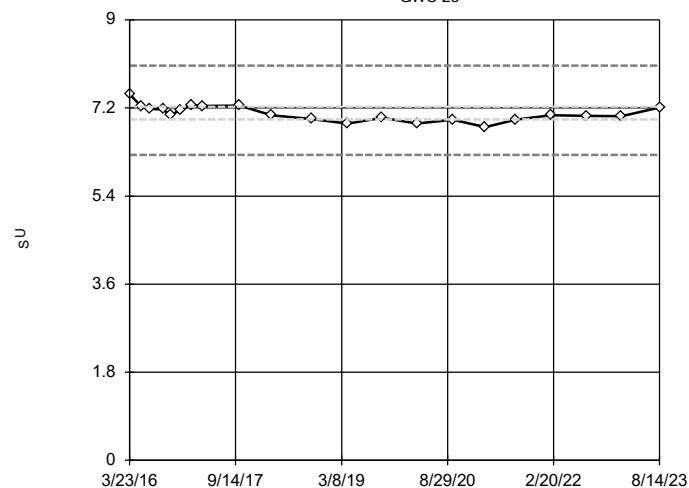
GWC-22



Constituent: pH Analysis Run 2/29/2024 4:06 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

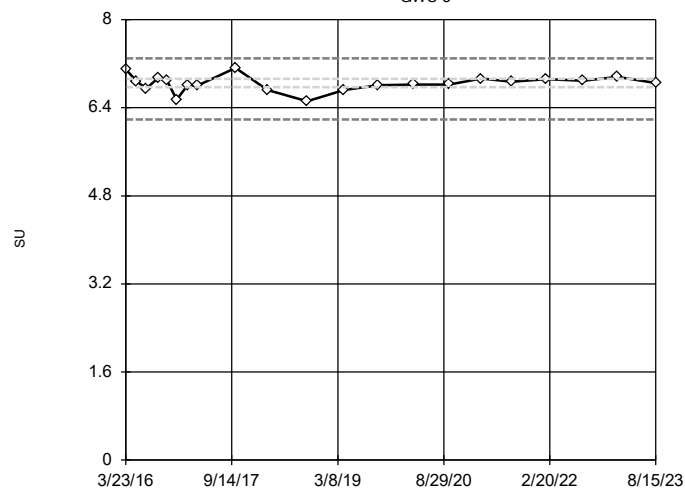
GWC-23



Constituent: pH Analysis Run 2/29/2024 4:06 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

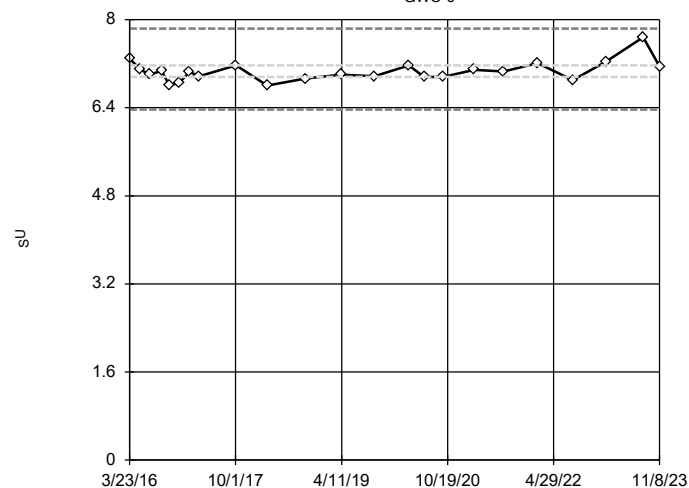
GWC-5



Constituent: pH Analysis Run 2/29/2024 4:06 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

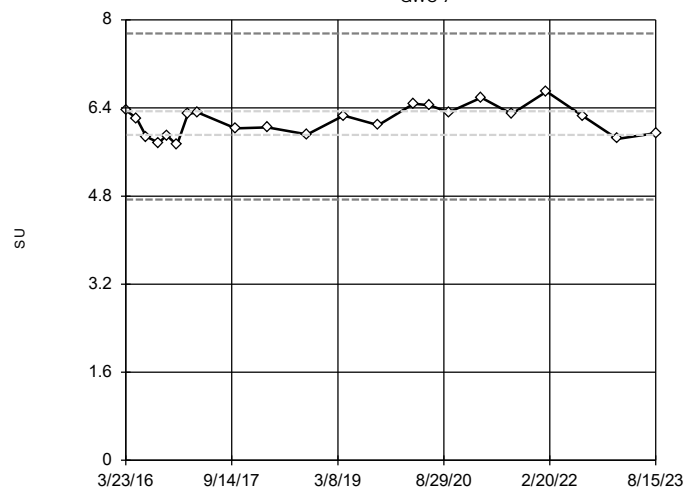
GWC-6



Constituent: pH Analysis Run 2/29/2024 4:06 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

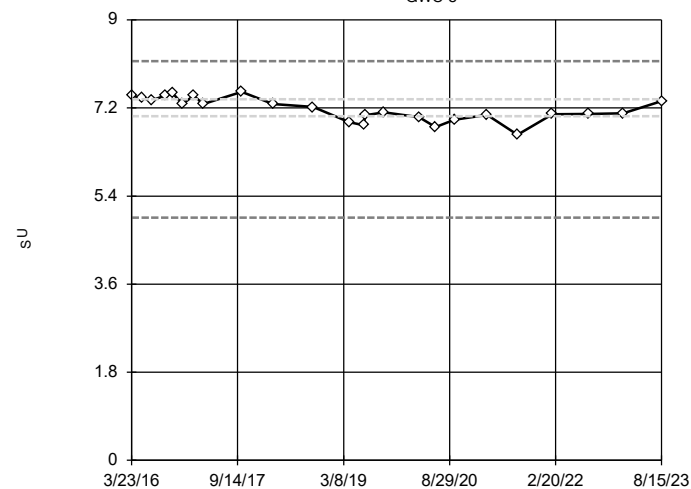
GWC-7



Constituent: pH Analysis Run 2/29/2024 4:06 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

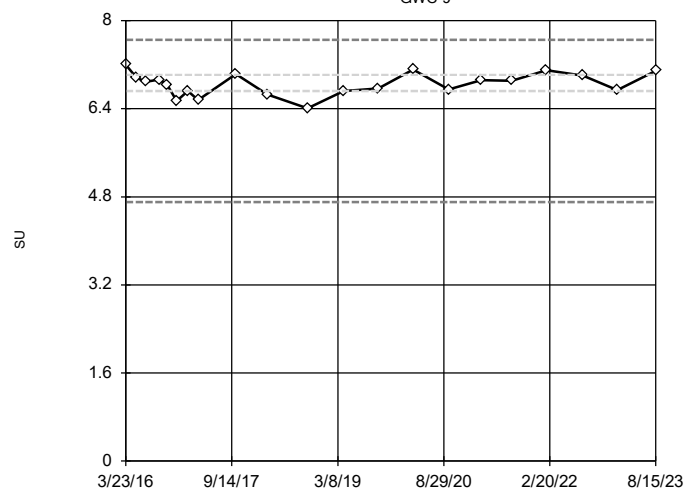
GWC-8



Constituent: pH Analysis Run 2/29/2024 4:06 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

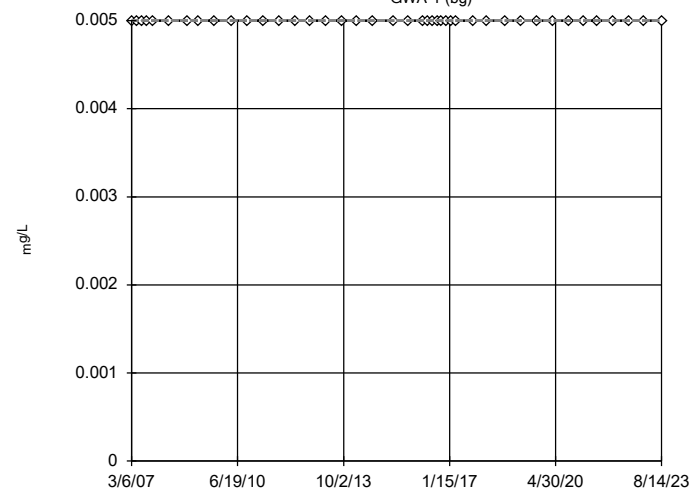
GWC-9



Constituent: pH Analysis Run 2/29/2024 4:06 PM
Plant Hammond Data: Huffaker Road Landfill

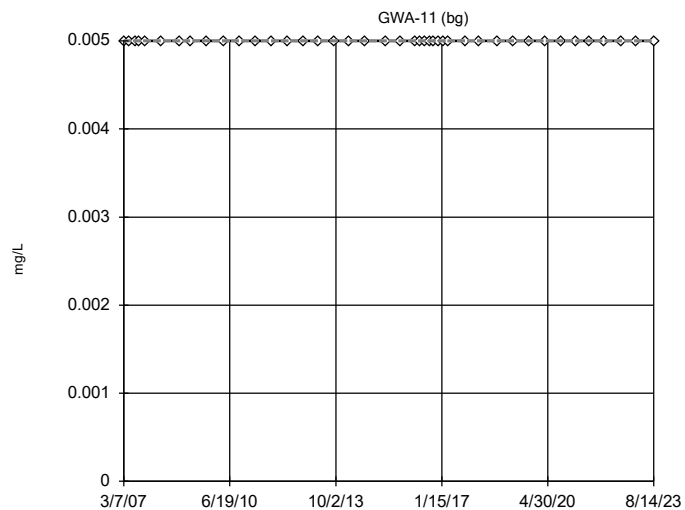
Tukey's Outlier Screening

GWA-1 (bg)



Constituent: Selenium Analysis Run 2/29/2024 4:06 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening



n = 42

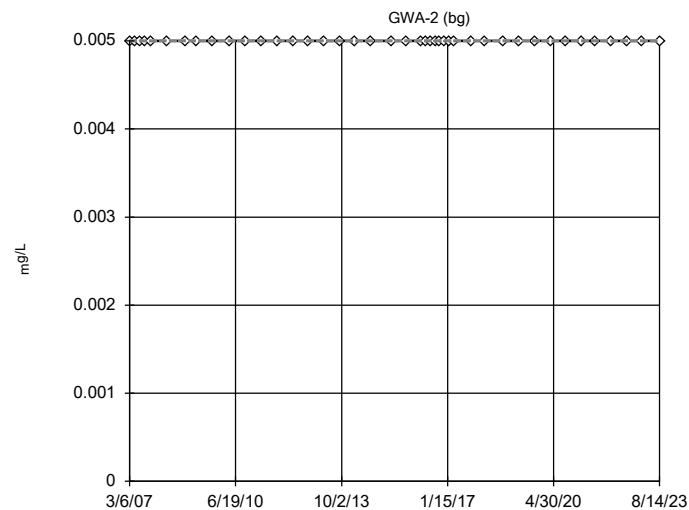
No outliers found.
Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 2/29/2024 4:06 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening



n = 42

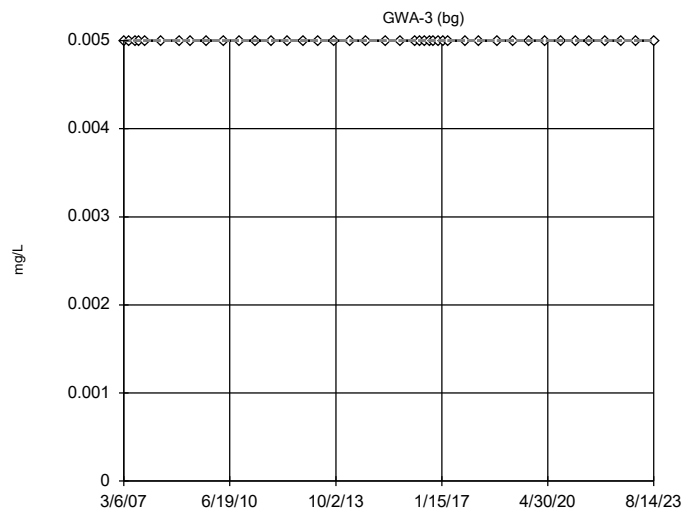
No outliers found.
Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 2/29/2024 4:06 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening



n = 42

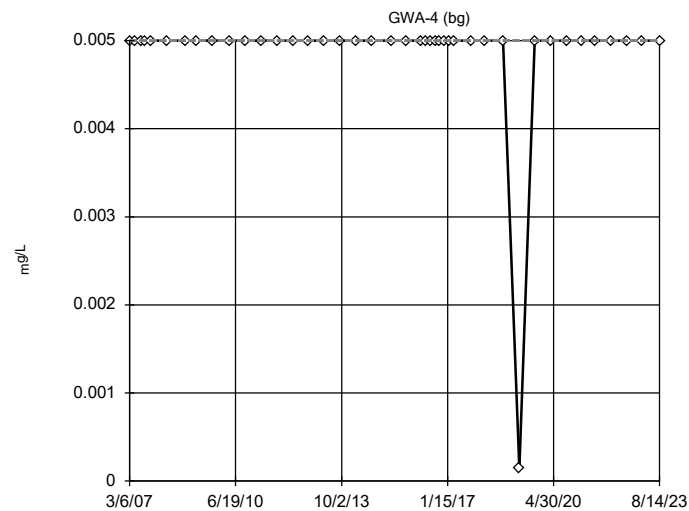
No outliers found.
Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 2/29/2024 4:06 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening



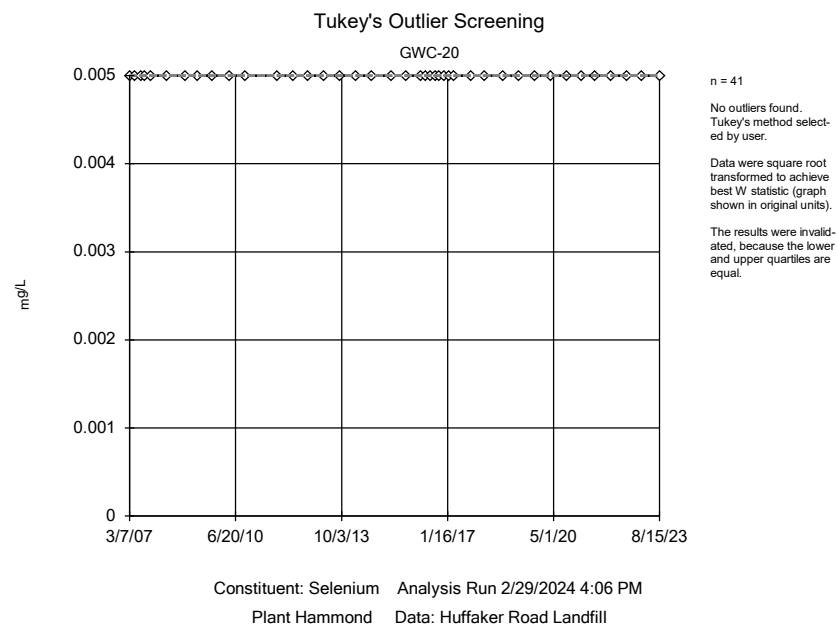
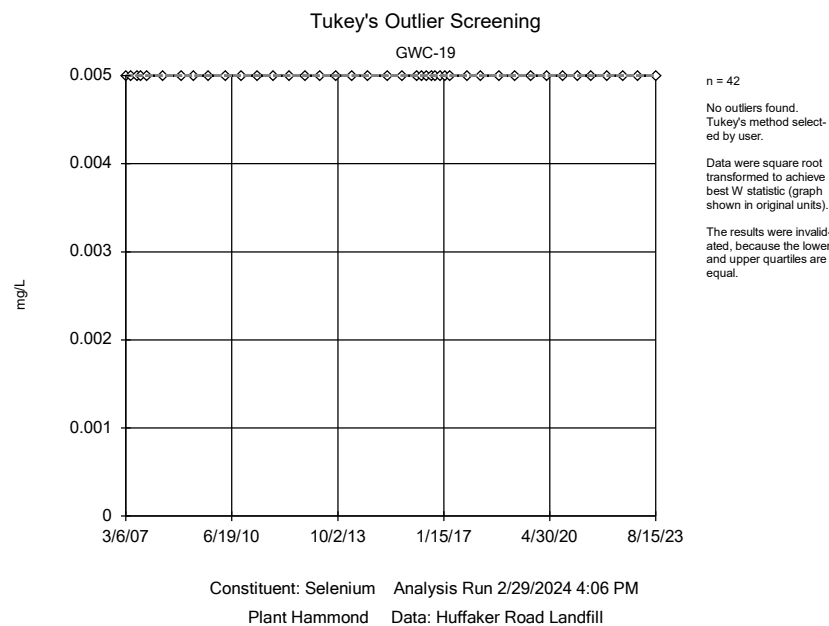
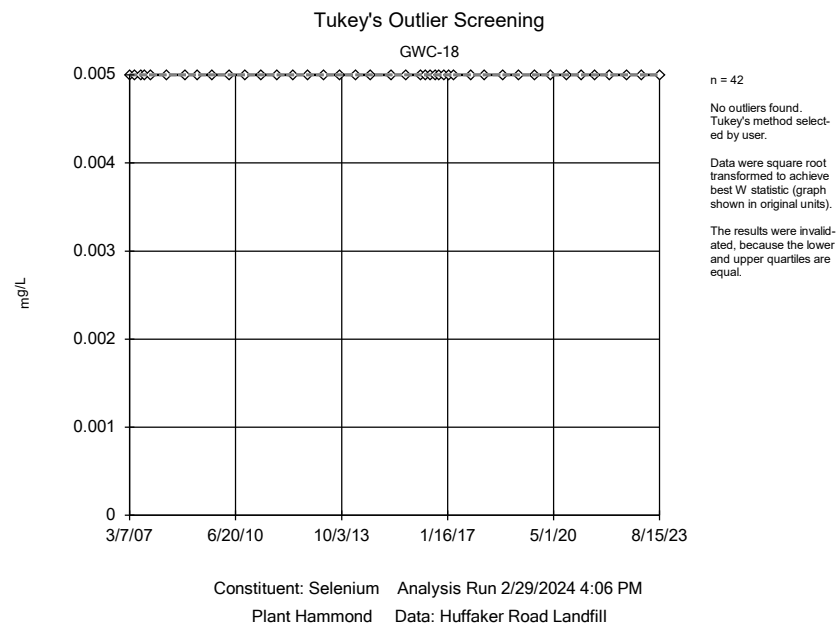
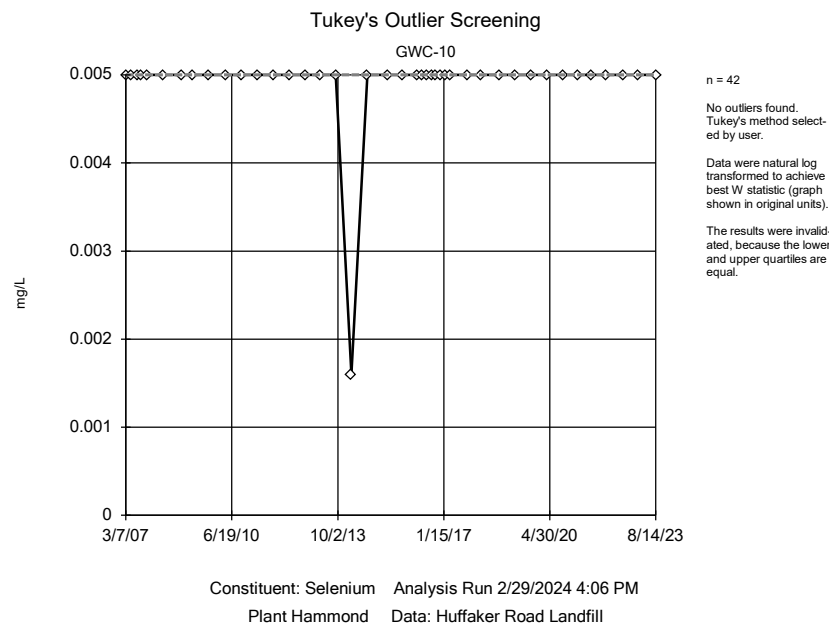
n = 42

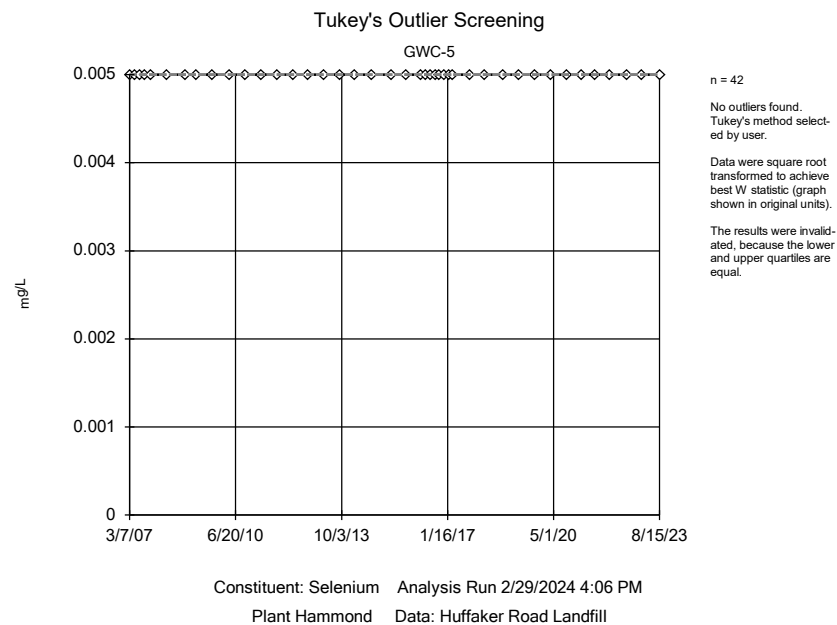
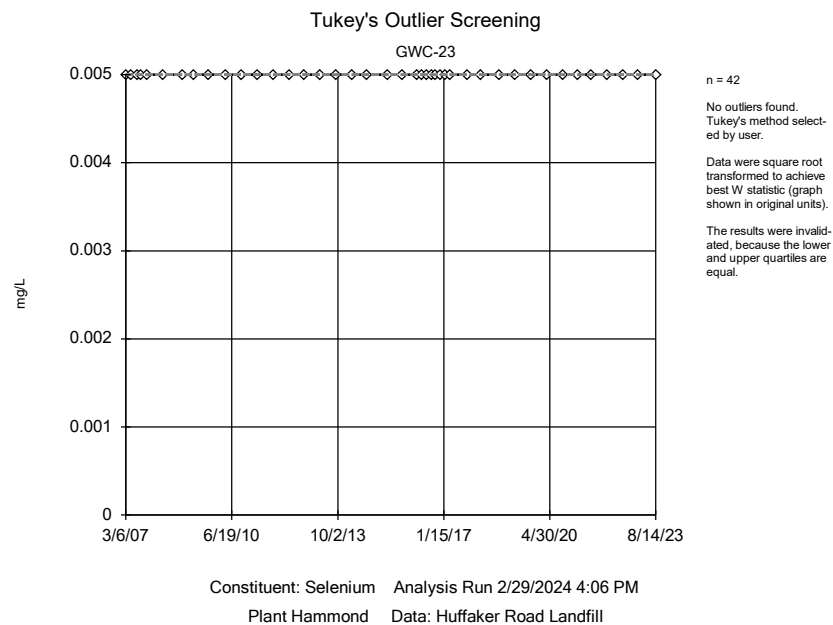
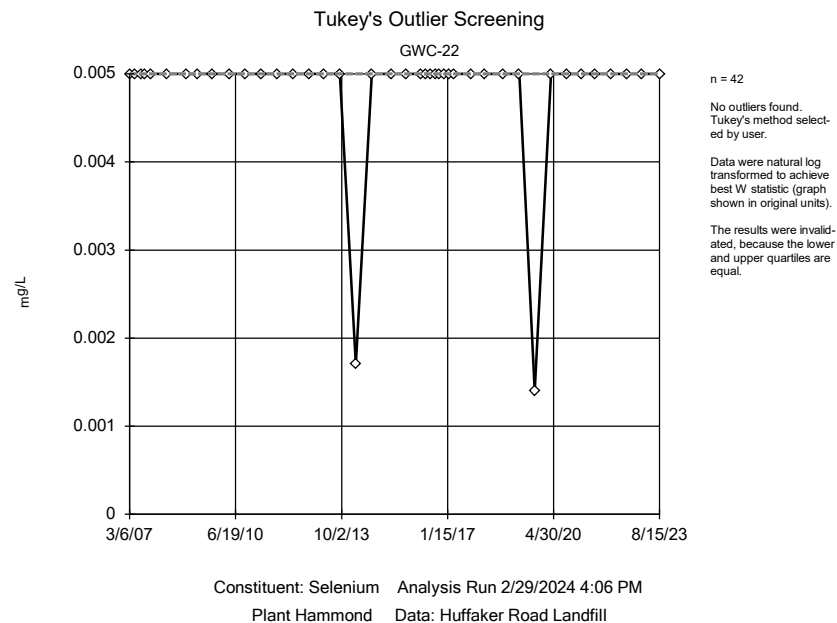
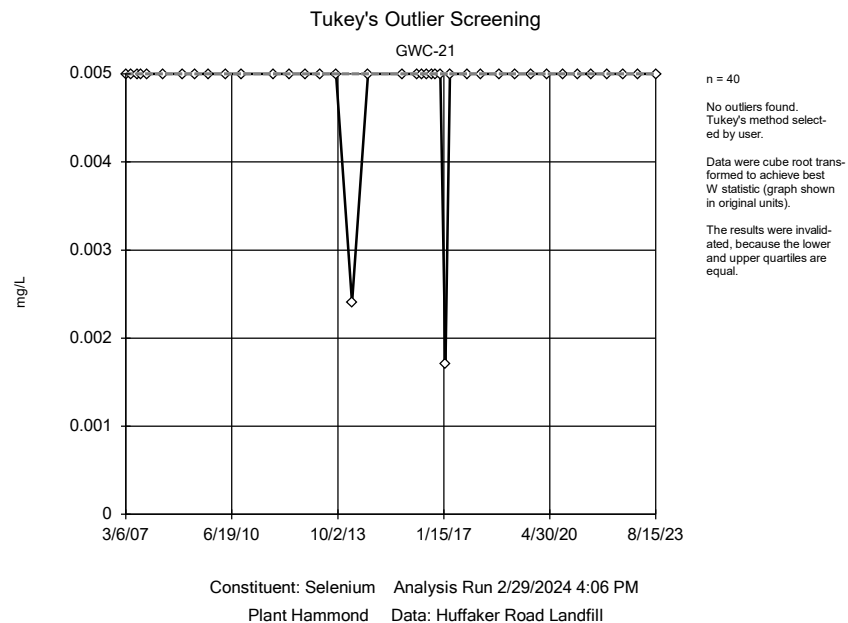
No outliers found.
Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

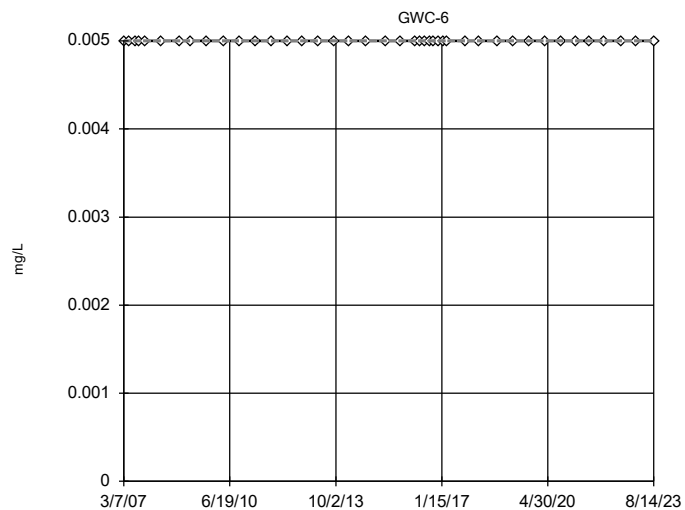
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 2/29/2024 4:06 PM
Plant Hammond Data: Huffaker Road Landfill





Tukey's Outlier Screening



n = 42

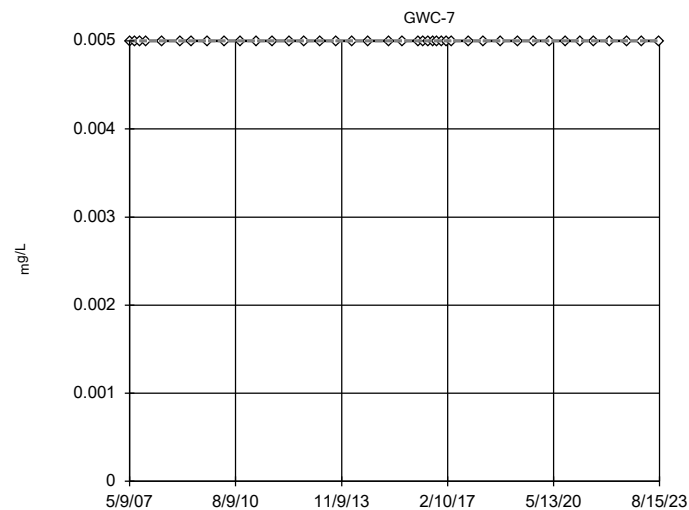
No outliers found.
Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 2/29/2024 4:06 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening



n = 41

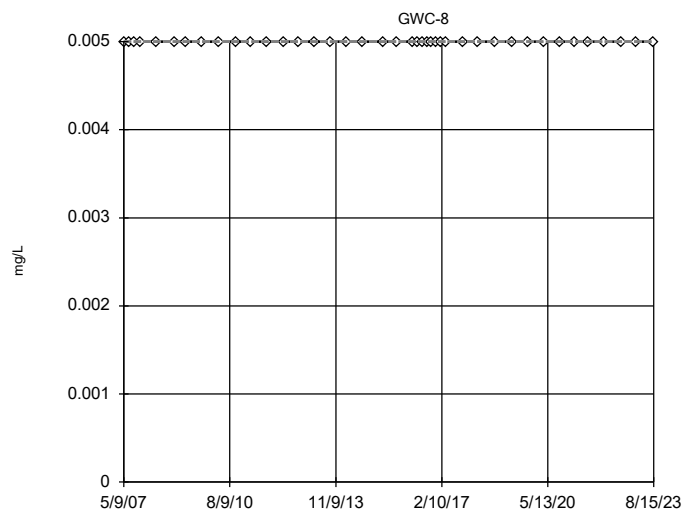
No outliers found.
Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 2/29/2024 4:07 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening



n = 41

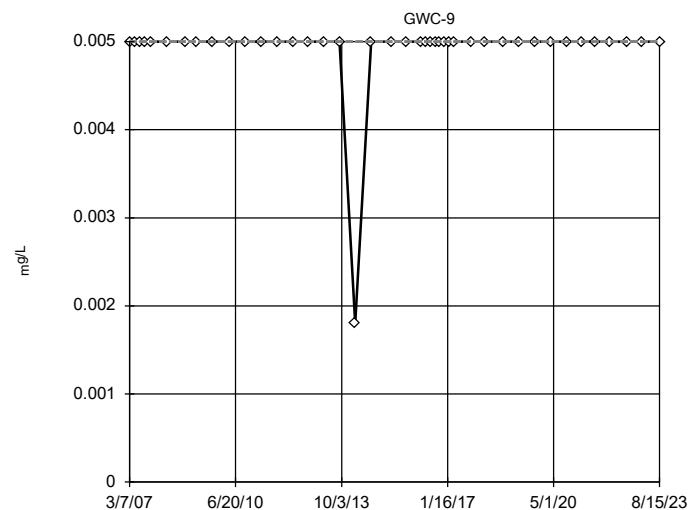
No outliers found.
Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 2/29/2024 4:07 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening



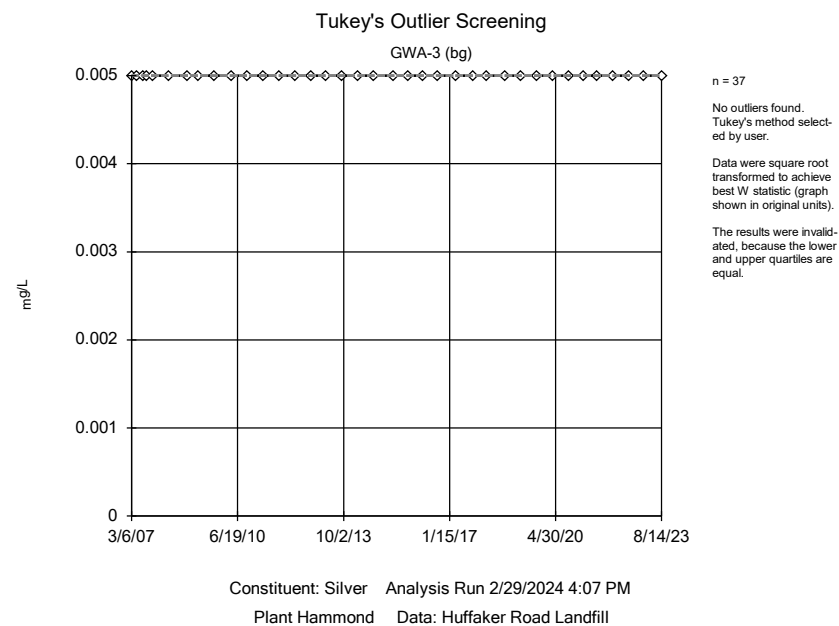
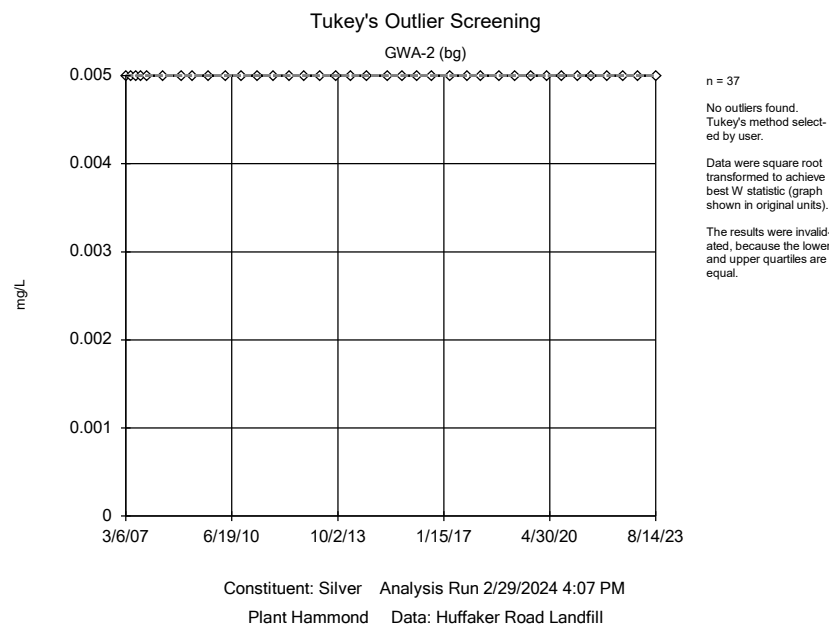
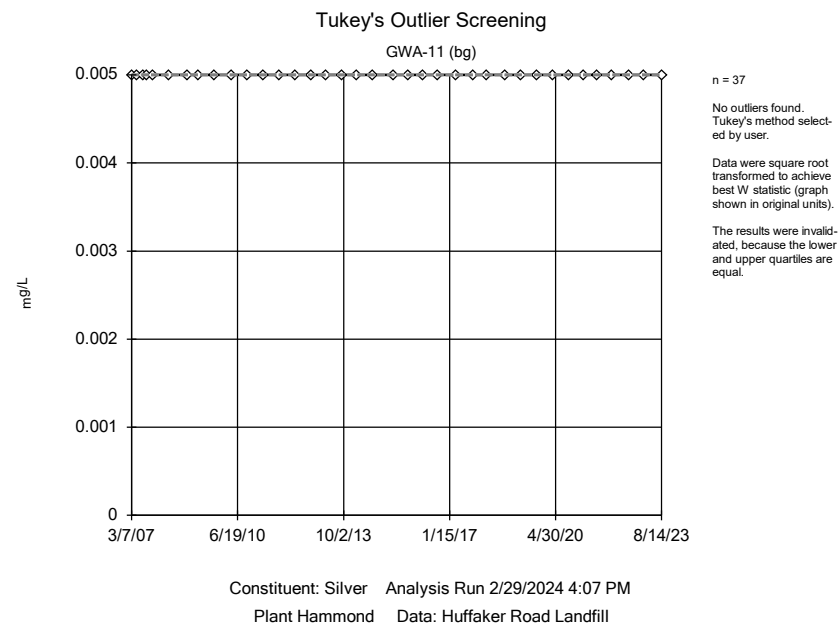
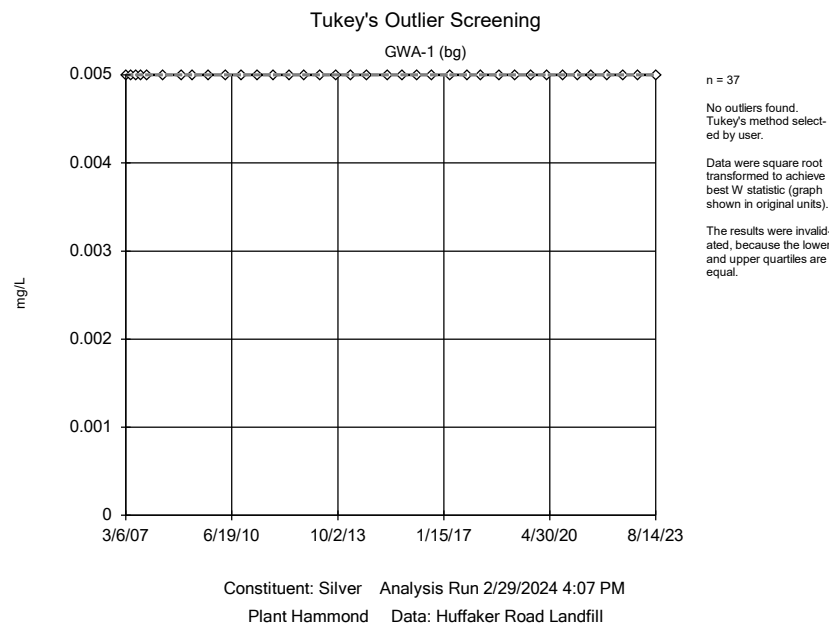
n = 42

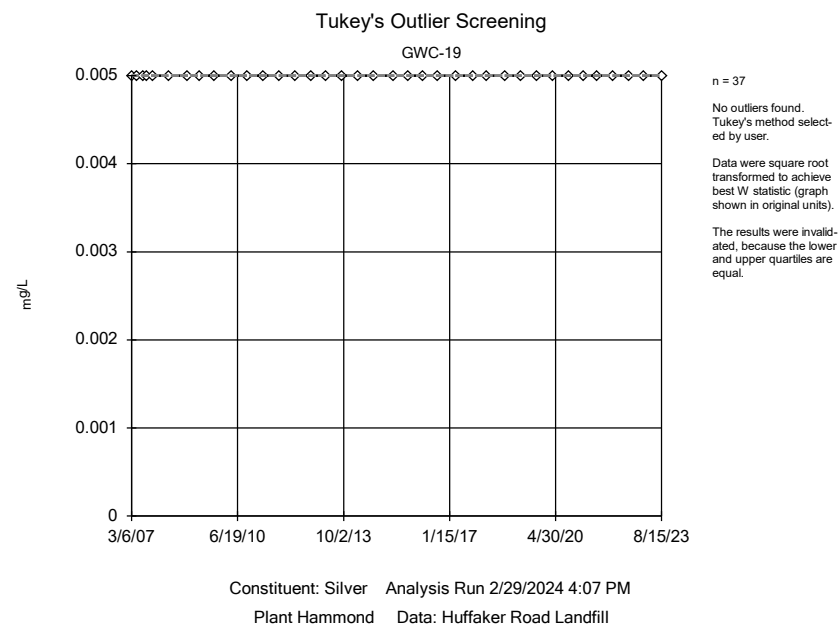
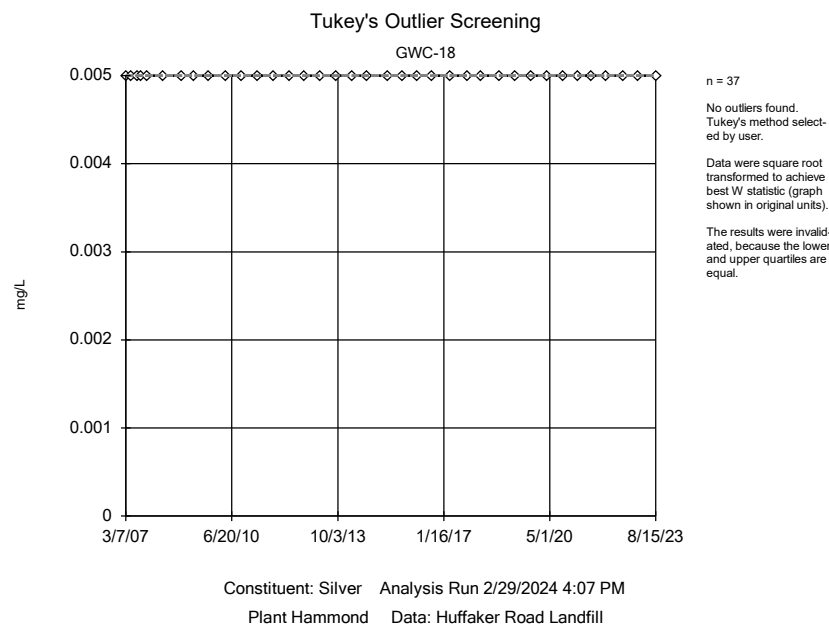
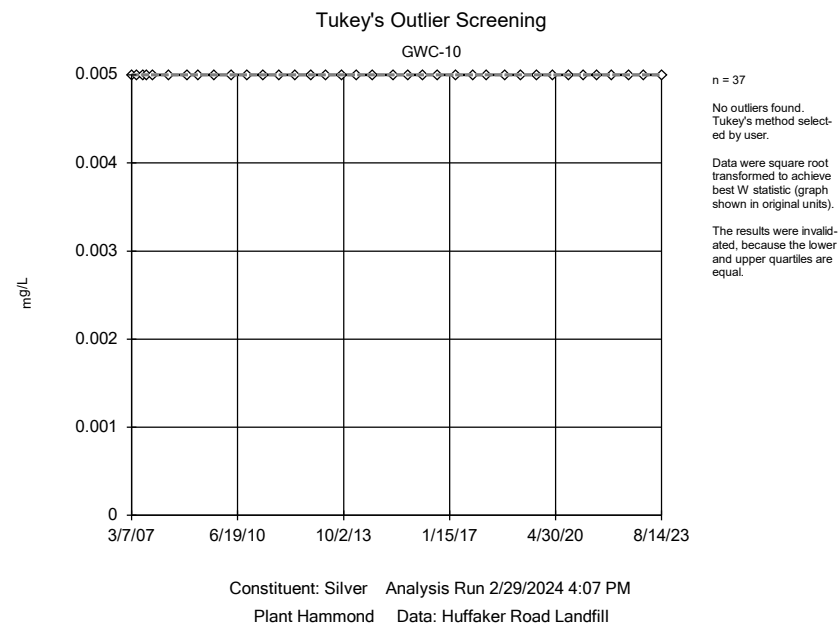
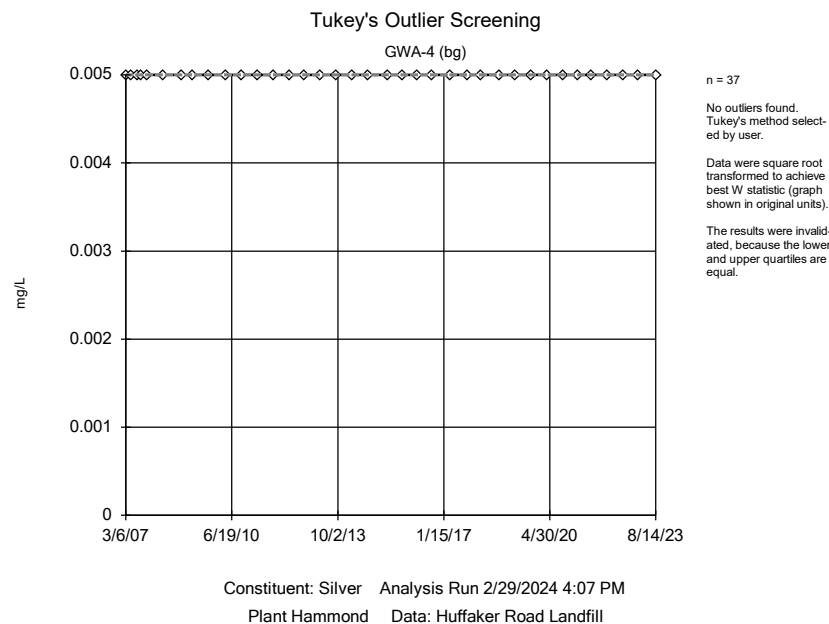
No outliers found.
Tukey's method selected by user.

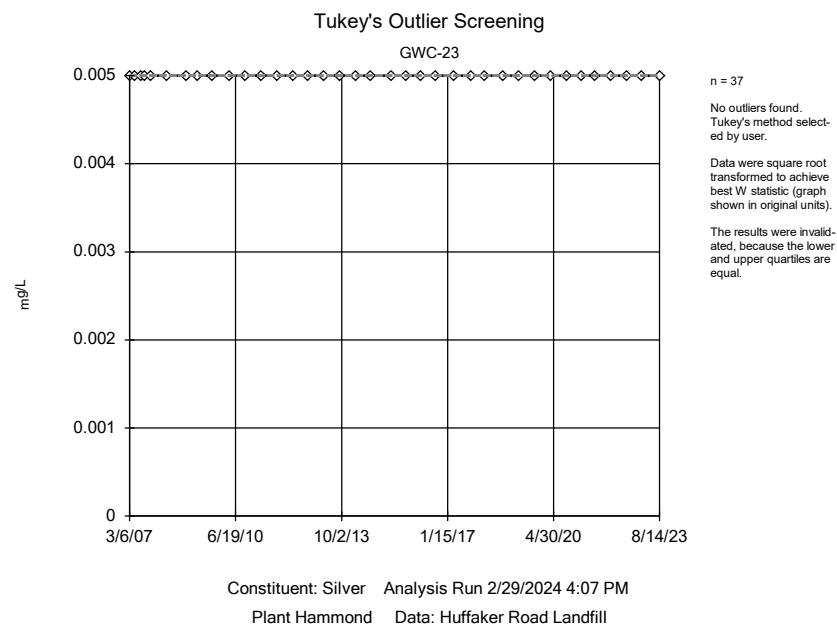
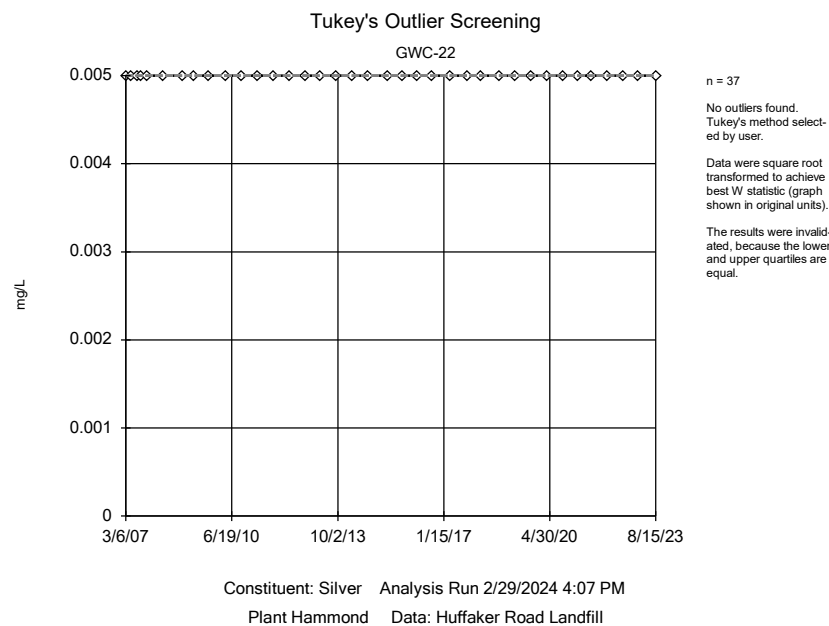
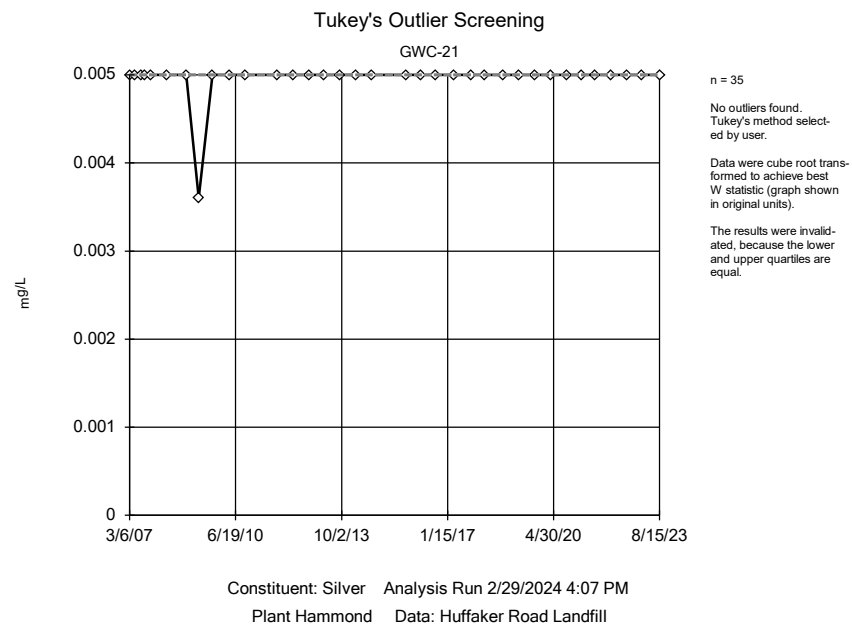
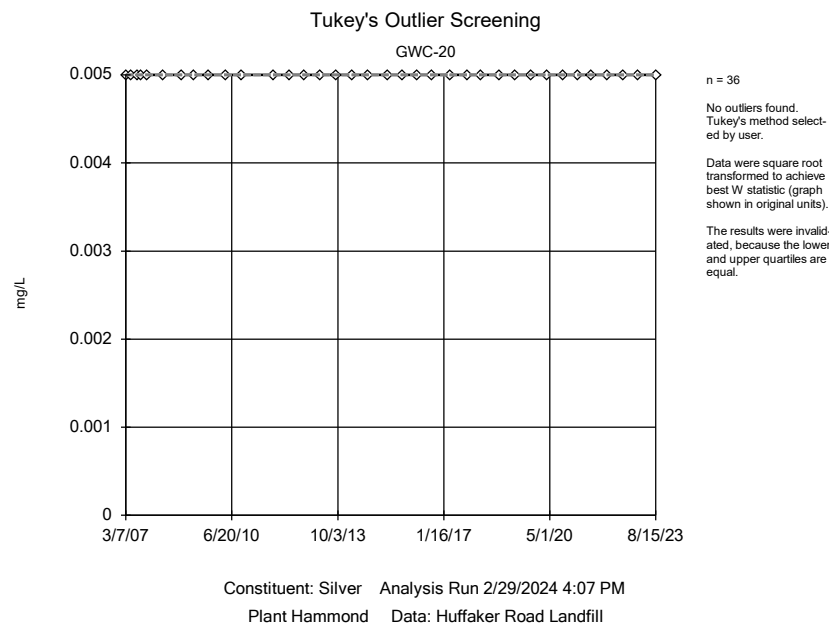
Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

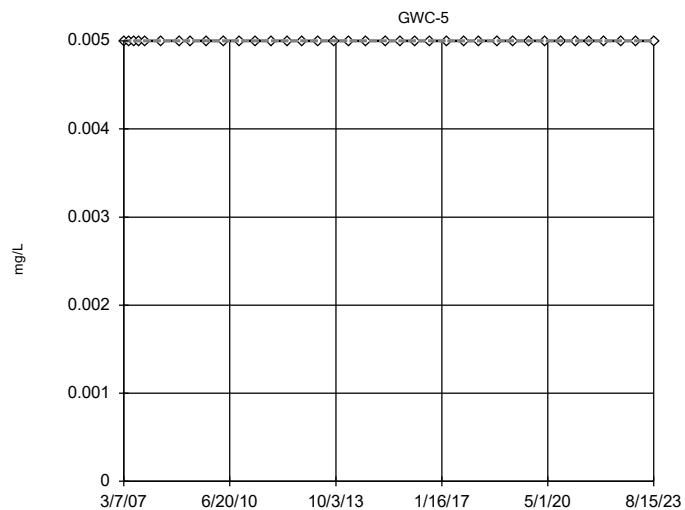
Constituent: Selenium Analysis Run 2/29/2024 4:07 PM
Plant Hammond Data: Huffaker Road Landfill







Tukey's Outlier Screening



n = 37

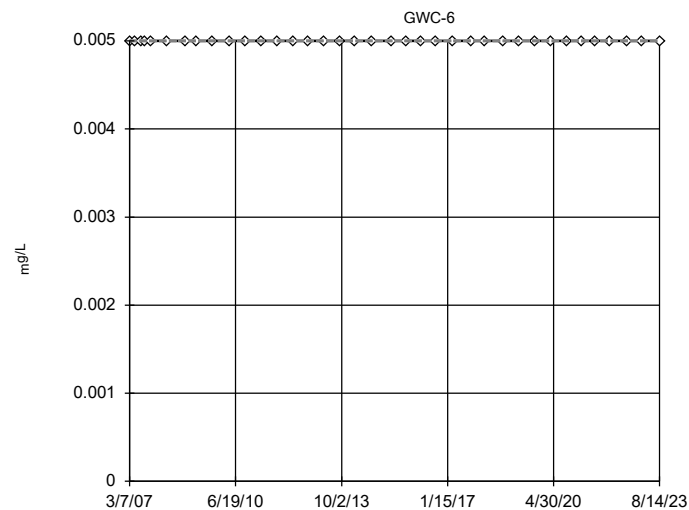
No outliers found.
Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Silver Analysis Run 2/29/2024 4:07 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening



n = 37

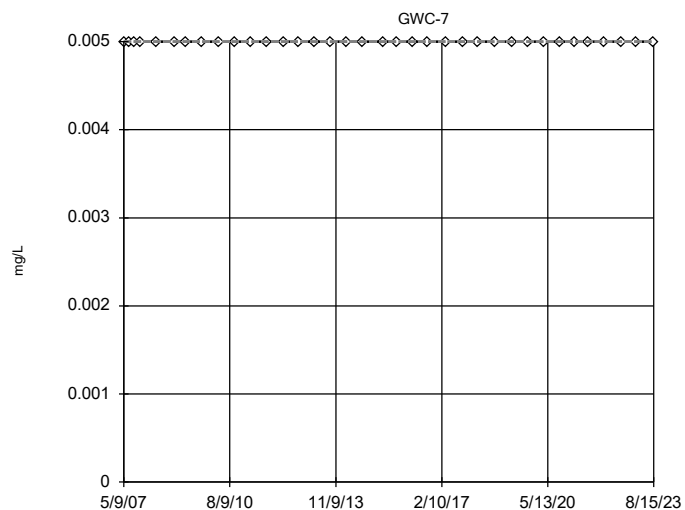
No outliers found.
Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Silver Analysis Run 2/29/2024 4:07 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening



n = 36

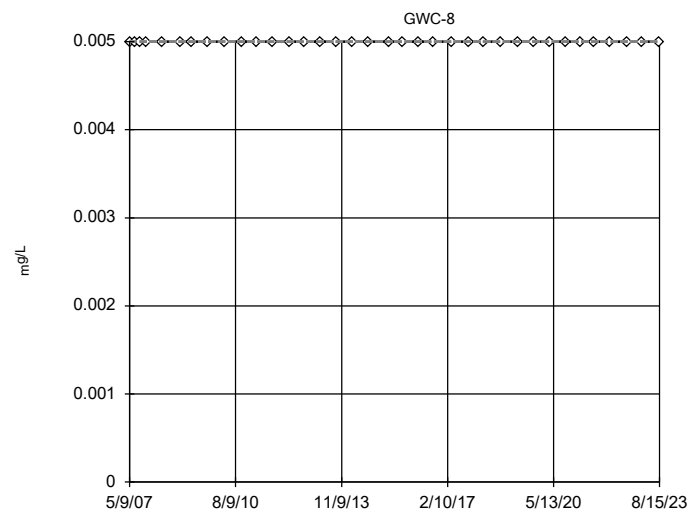
No outliers found.
Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Silver Analysis Run 2/29/2024 4:07 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening



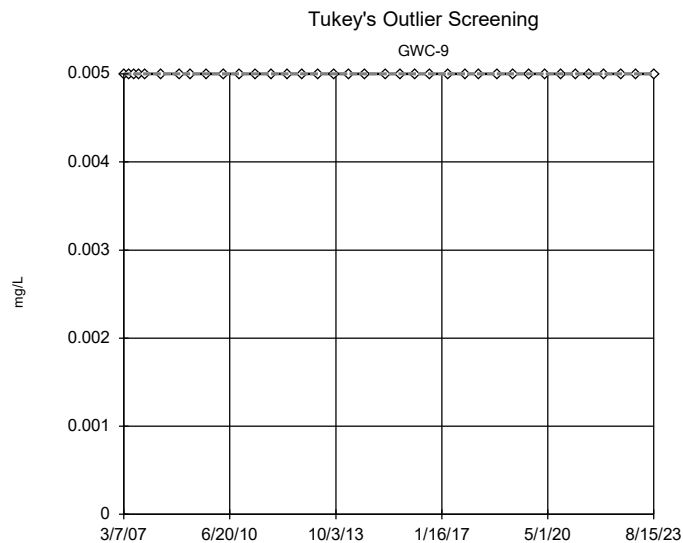
n = 36

No outliers found.
Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Silver Analysis Run 2/29/2024 4:07 PM
Plant Hammond Data: Huffaker Road Landfill



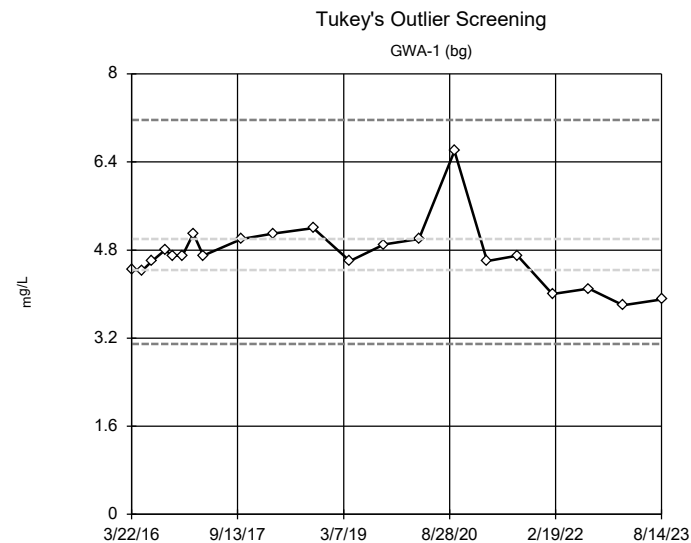
n = 37

No outliers found.
Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Silver Analysis Run 2/29/2024 4:07 PM
Plant Hammond Data: Huffaker Road Landfill



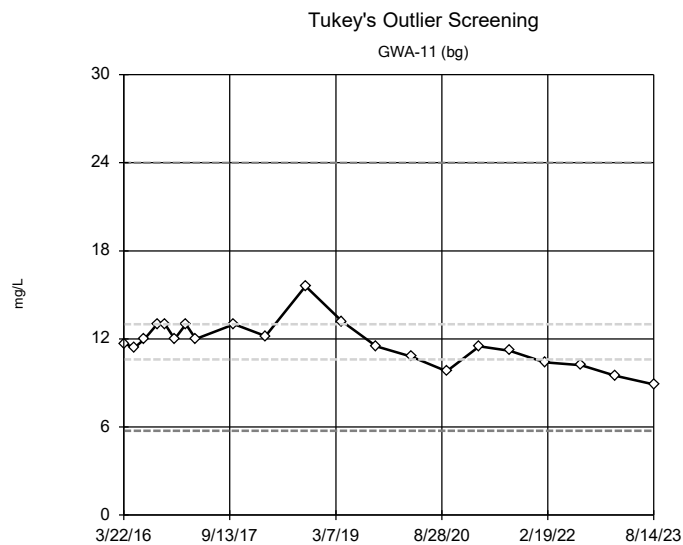
n = 21

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 7.163, low cutoff = 3.096, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 2/29/2024 4:07 PM
Plant Hammond Data: Huffaker Road Landfill



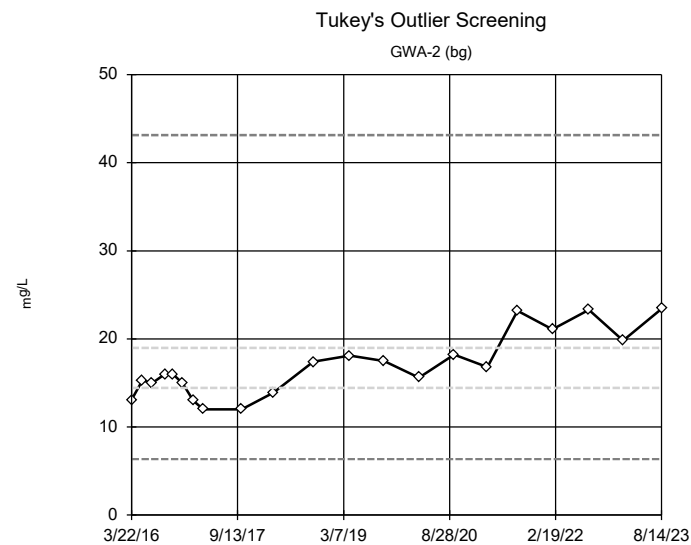
n = 21

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 23.99, low cutoff = 5.742, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 2/29/2024 4:07 PM
Plant Hammond Data: Huffaker Road Landfill



n = 21

No outliers found.
Tukey's method selected by user.

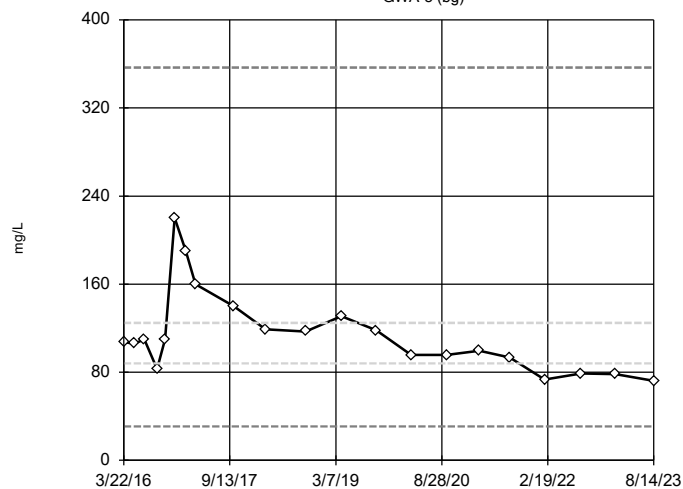
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 43.13, low cutoff = 6.355, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 2/29/2024 4:07 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWA-3 (bg)



Constituent: Sulfate Analysis Run 2/29/2024 4:07 PM
Plant Hammond Data: Huffaker Road Landfill

n = 21

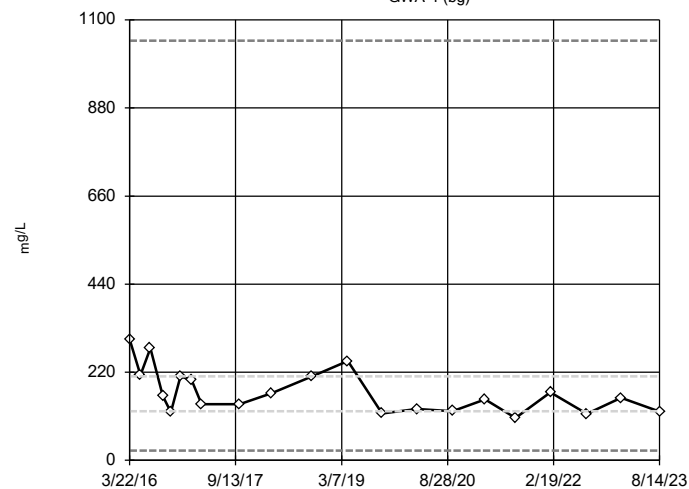
No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 356.6, low cutoff = 30.81, based on IQR multiplier of 3.

Tukey's Outlier Screening

GWA-4 (bg)



Constituent: Sulfate Analysis Run 2/29/2024 4:07 PM
Plant Hammond Data: Huffaker Road Landfill

n = 21

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

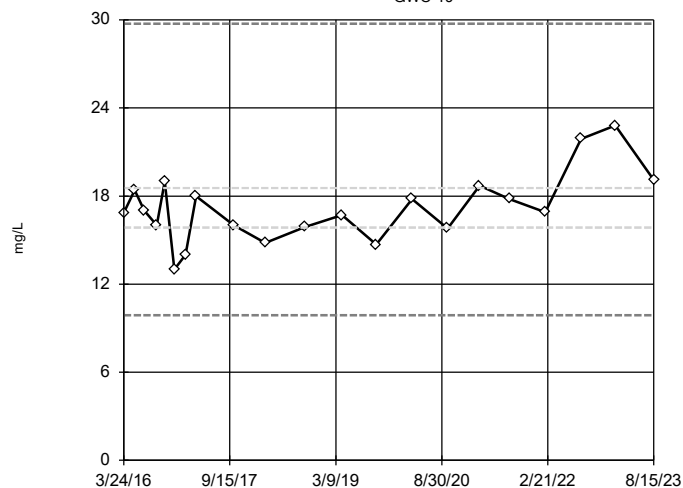
High cutoff = 1048, low cutoff = 24.49, based on IQR multiplier of 3.

Tukey's Outlier Screening

GWC-10

Tukey's Outlier Screening

GWC-19



n = 21

No outliers found.
Tukey's method selected by user.

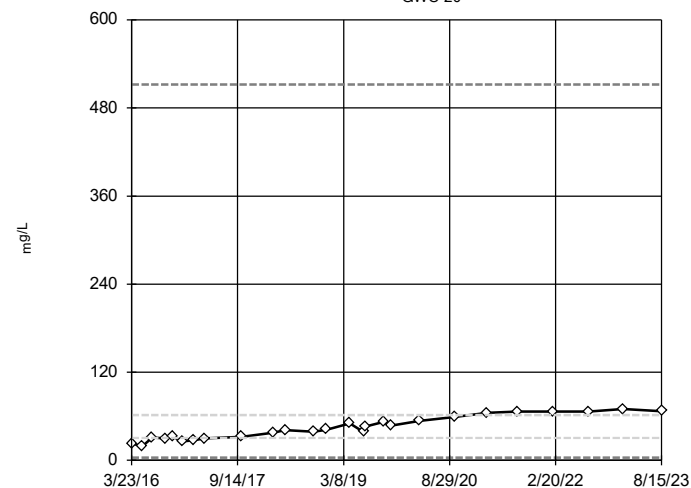
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 29.73, low cutoff = 9.888, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 2/29/2024 4:07 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-20



n = 26

No outliers found.
Tukey's method selected by user.

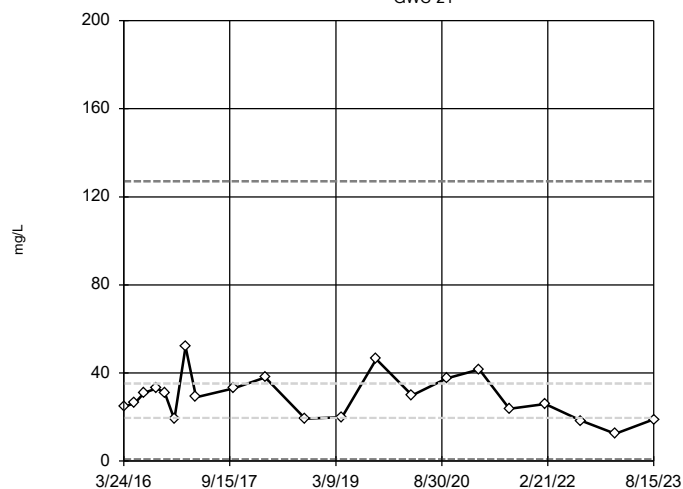
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 512.1, low cutoff = 3.677, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 2/29/2024 4:07 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-21



n = 21

No outliers found.
Tukey's method selected by user.

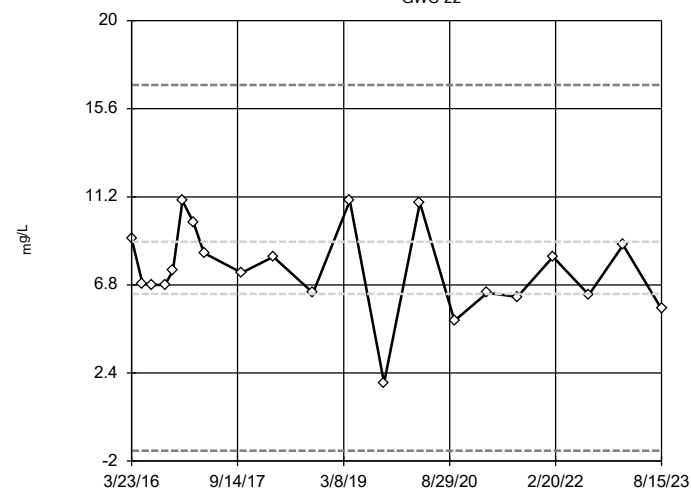
Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 127, low cutoff = 0.852, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 2/29/2024 4:07 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-22



n = 21

No outliers found.
Tukey's method selected by user.

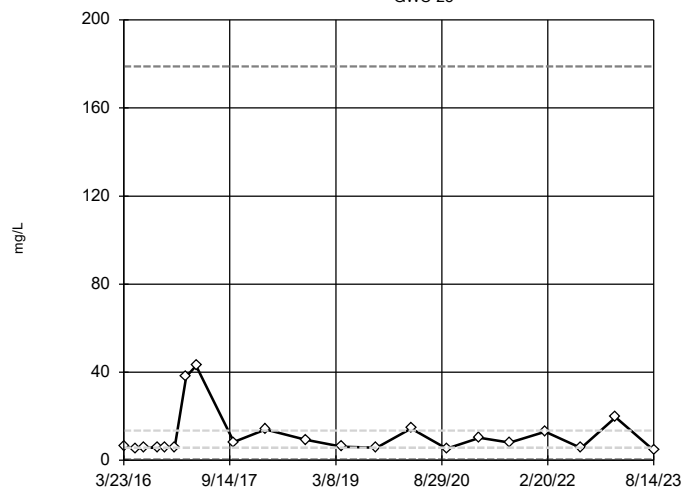
Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 16.79, low cutoff = -1.477, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 2/29/2024 4:07 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-23



n = 21

No outliers found.
Tukey's method selected by user.

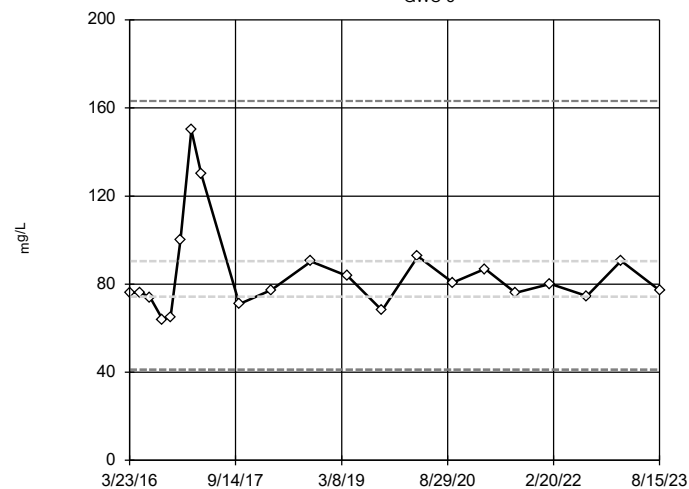
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 178.9, low cutoff = 0.4299, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 2/29/2024 4:07 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-5



n = 21

No outliers found.
Tukey's method selected by user.

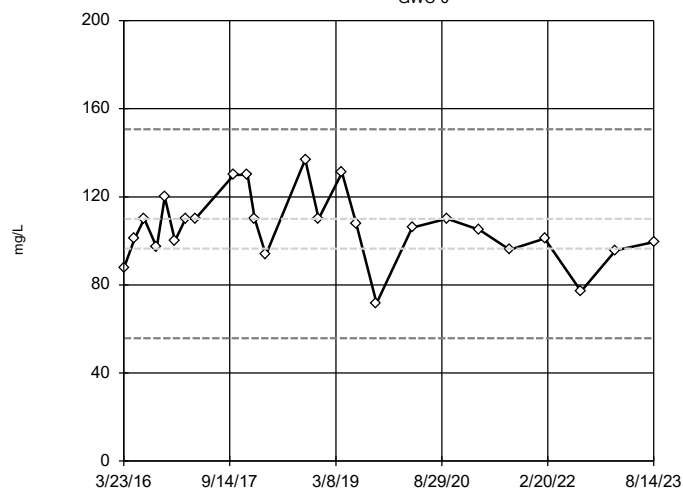
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 163.2, low cutoff = 41.18, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 2/29/2024 4:07 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-6



n = 25

No outliers found.
Tukey's method selected by user.

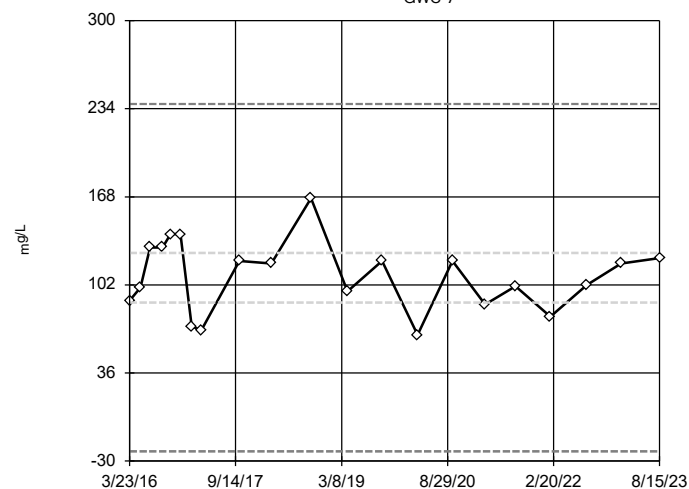
Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 150.7, low cutoff = 55.8, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 2/29/2024 4:07 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-7



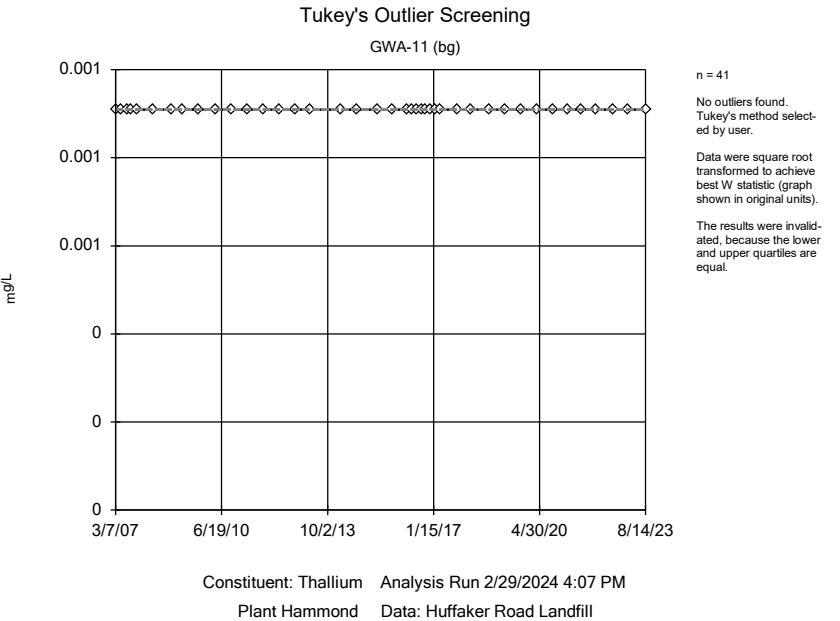
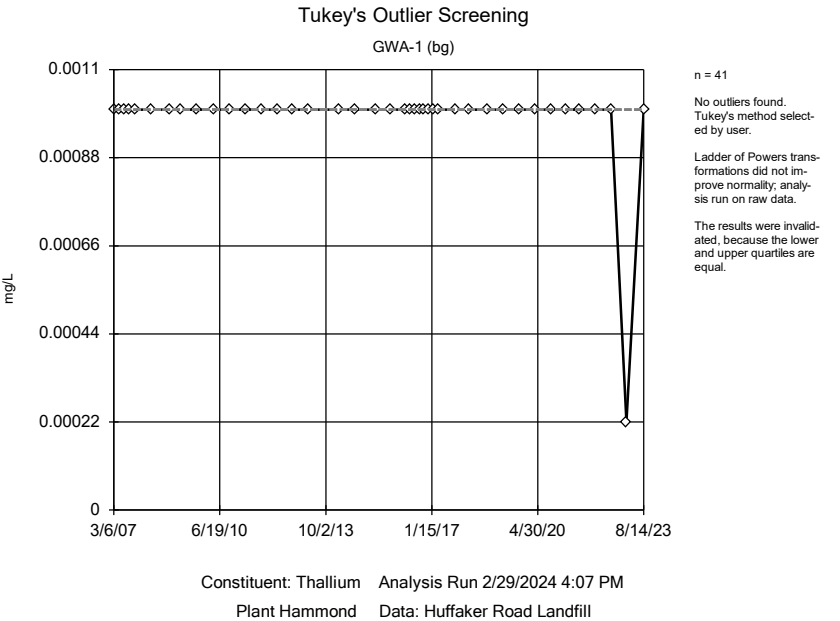
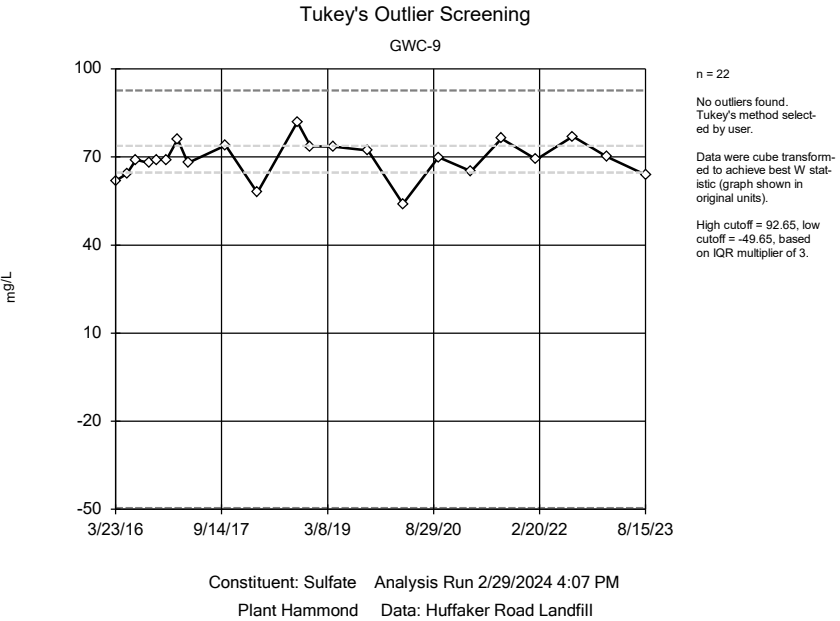
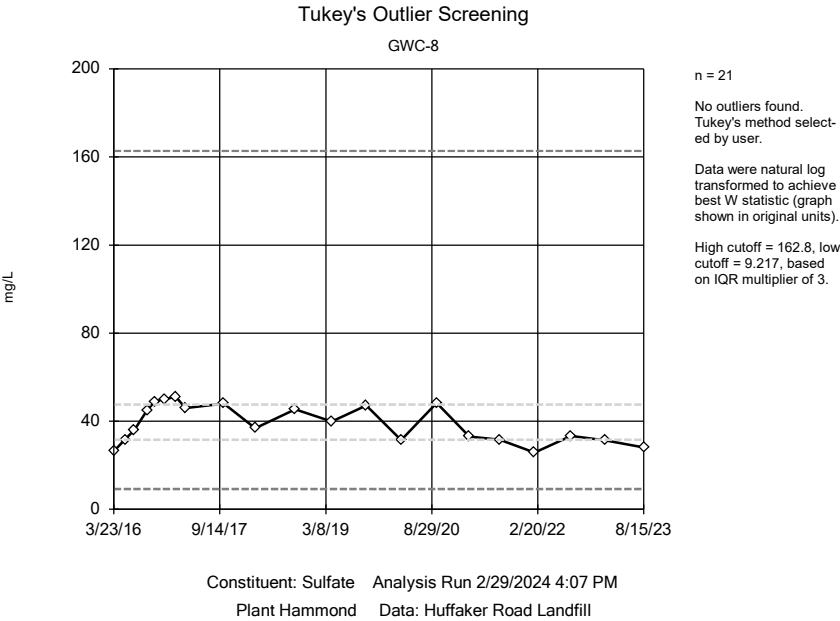
n = 21

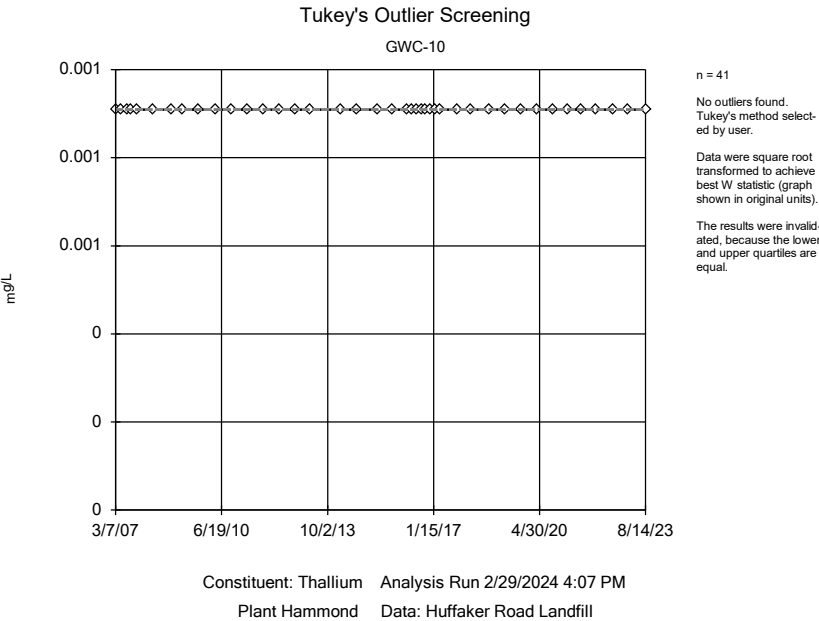
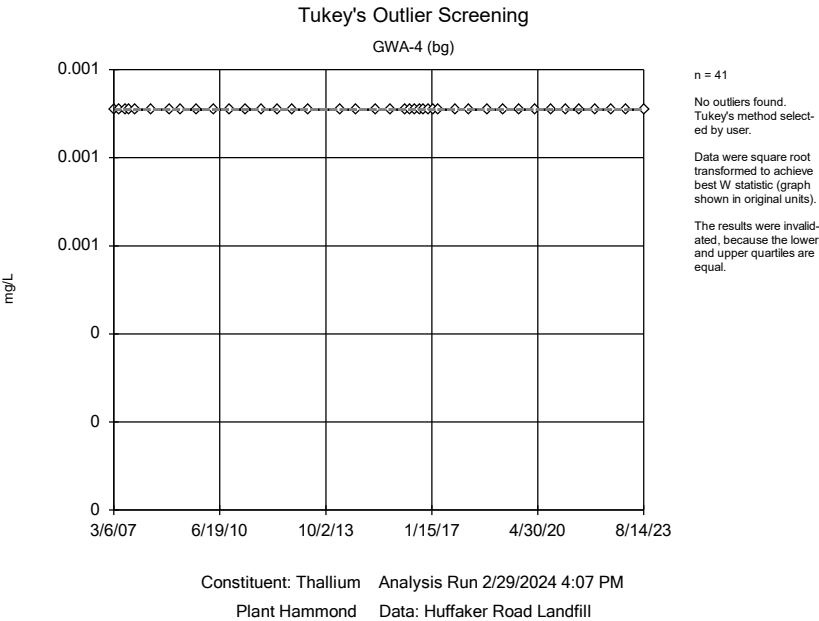
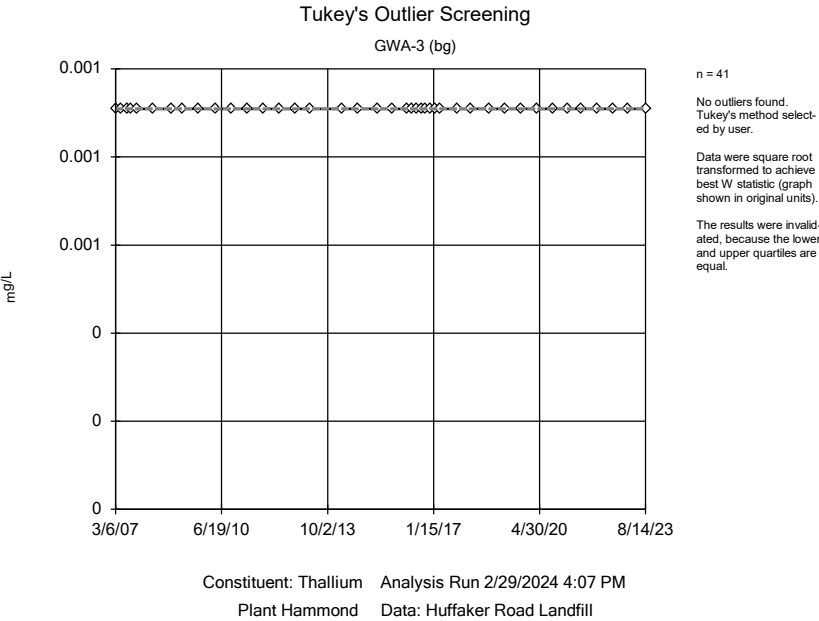
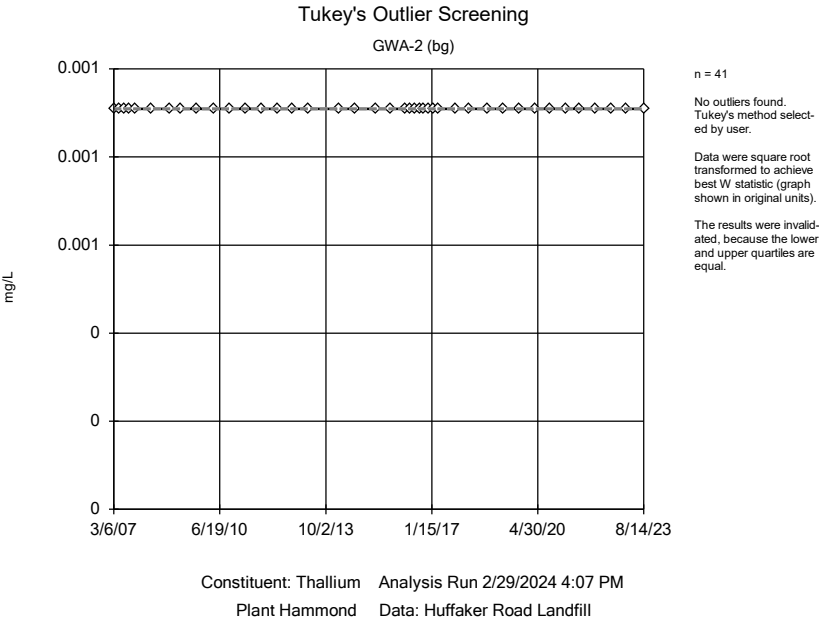
No outliers found.
Tukey's method selected by user.

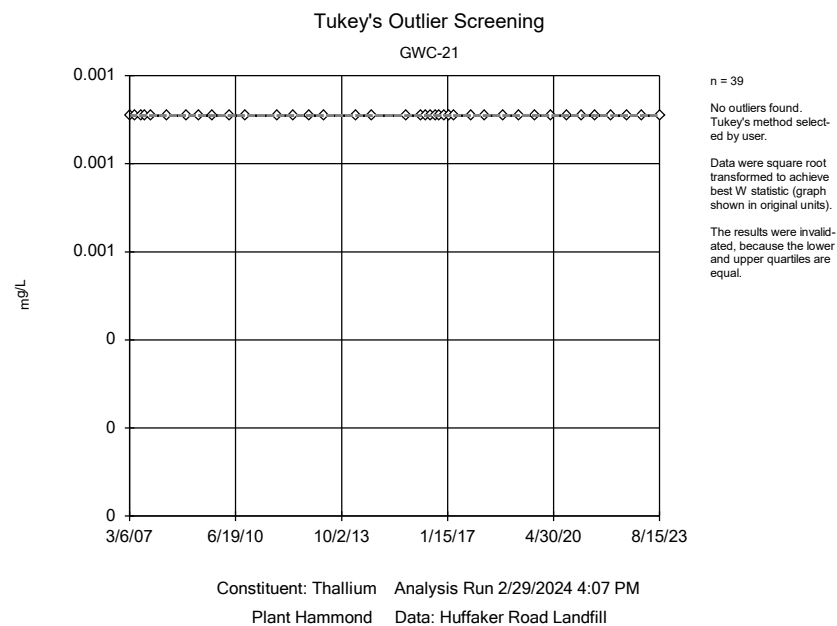
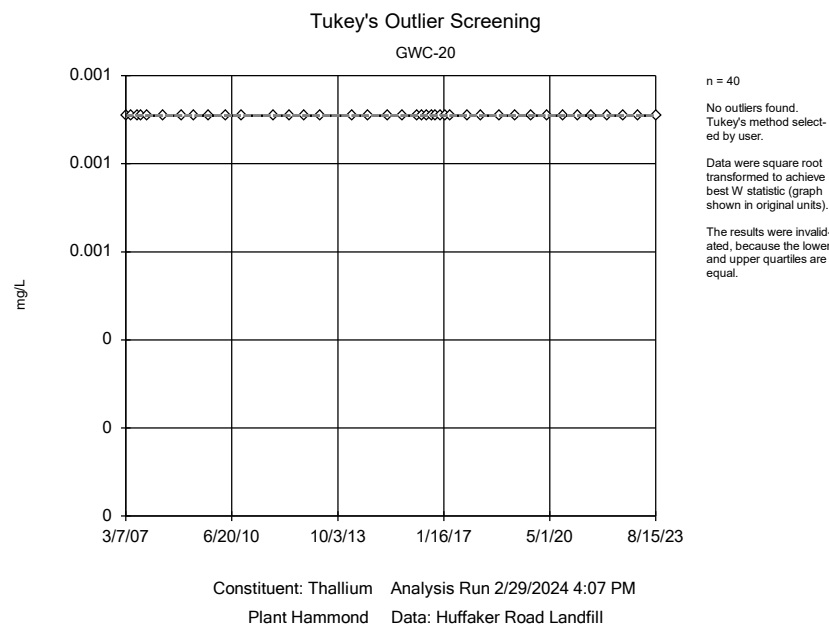
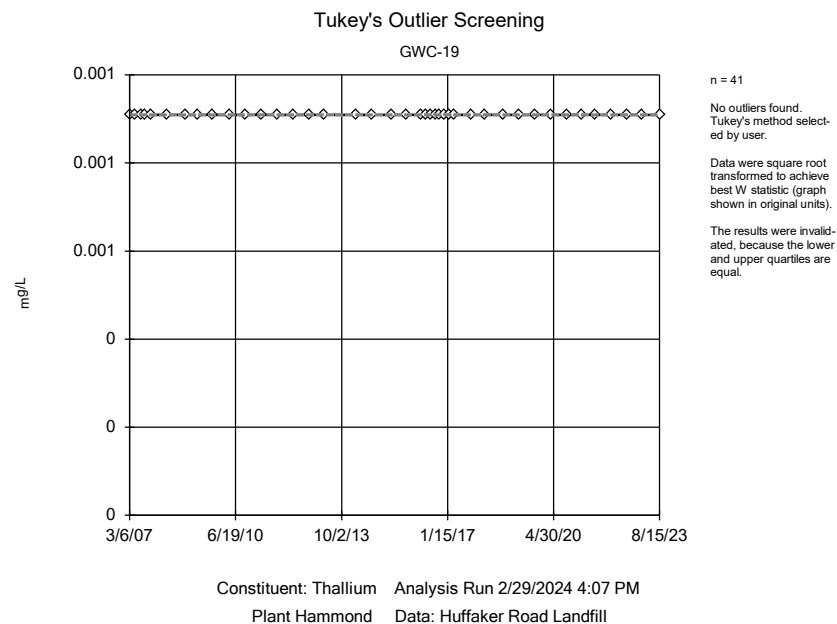
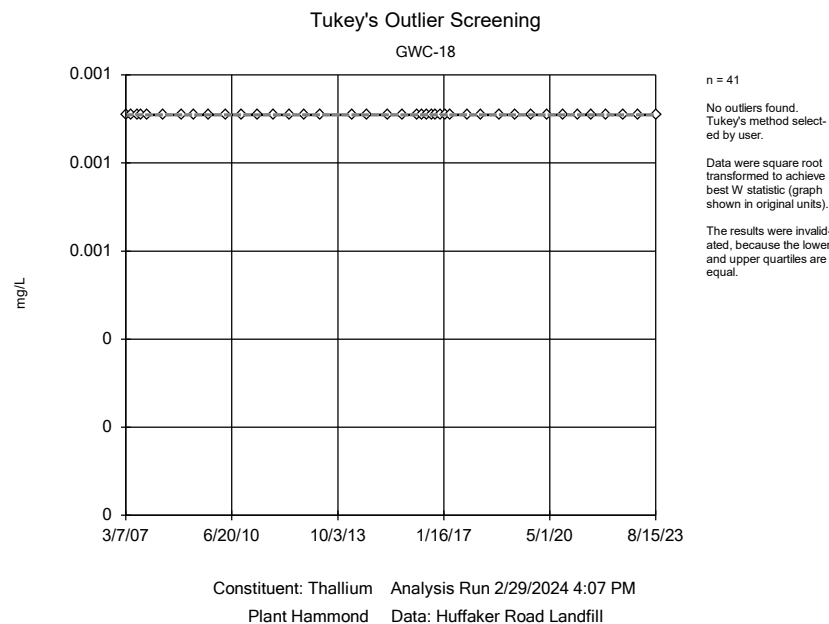
Ladder of Powers transformations did not improve normality; analysis run on raw data.

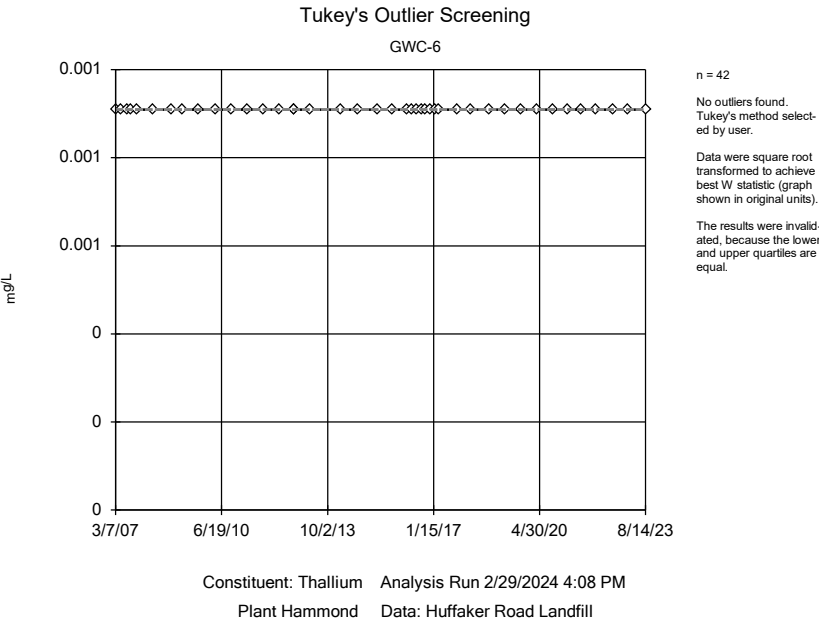
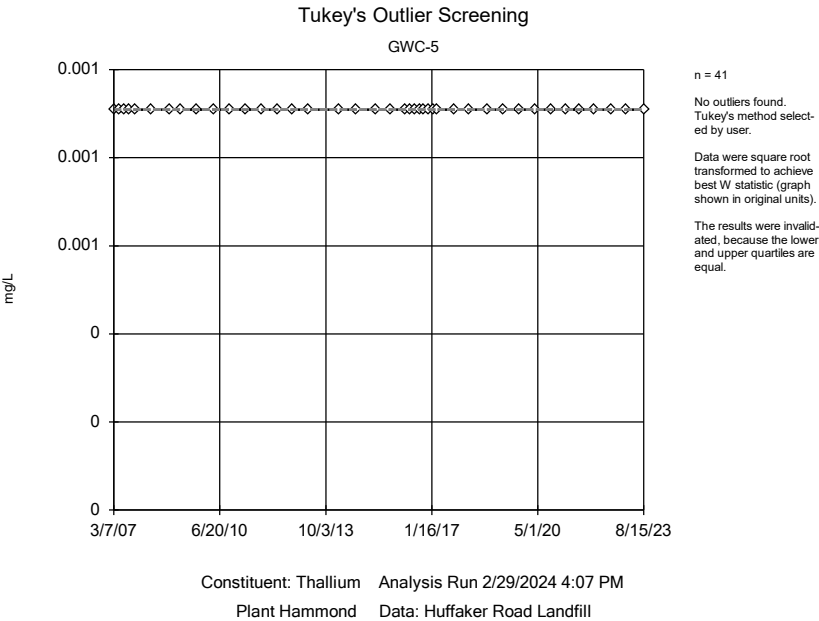
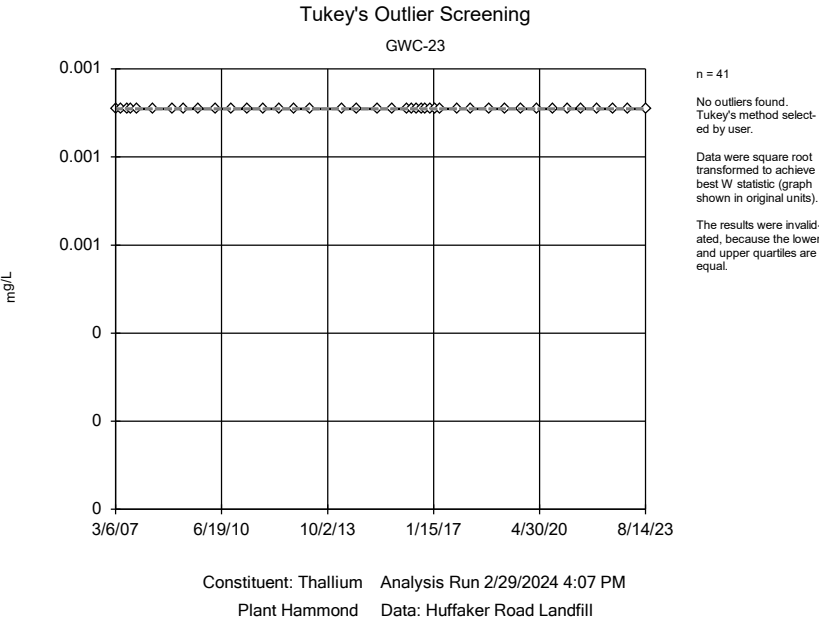
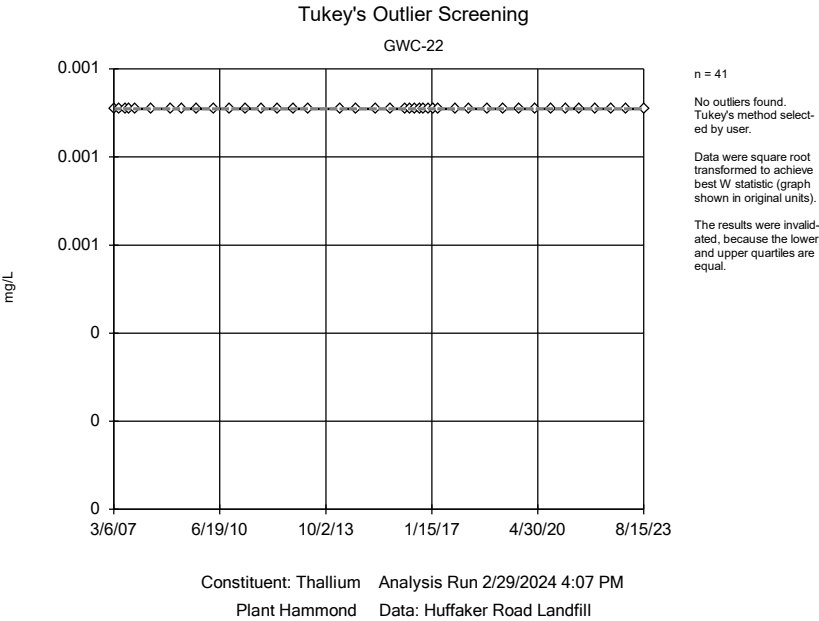
High cutoff = 237.6, low cutoff = -22.74, based on IQR multiplier of 3.

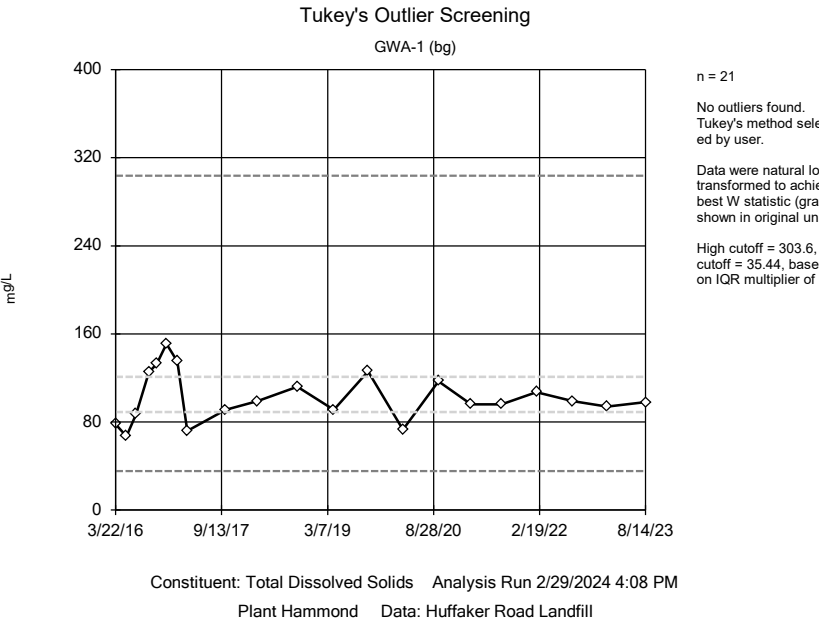
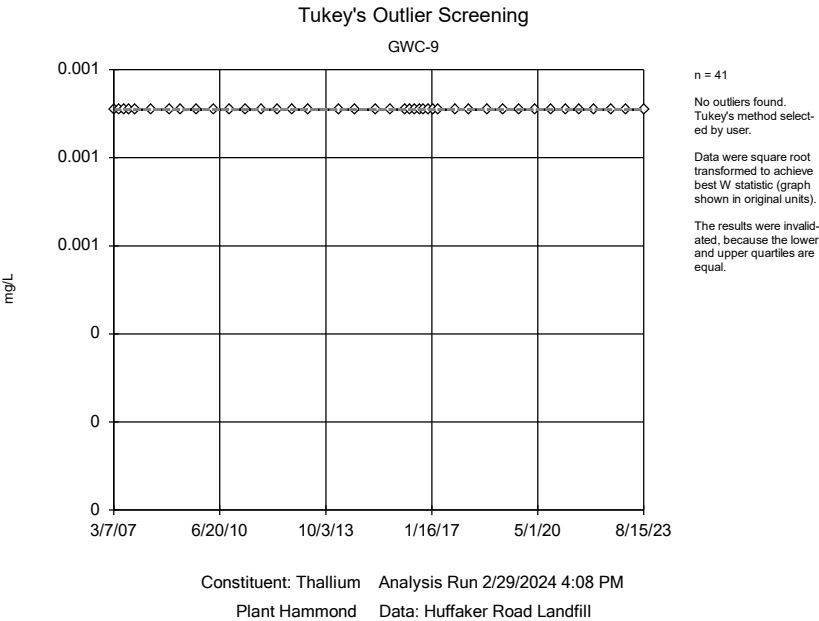
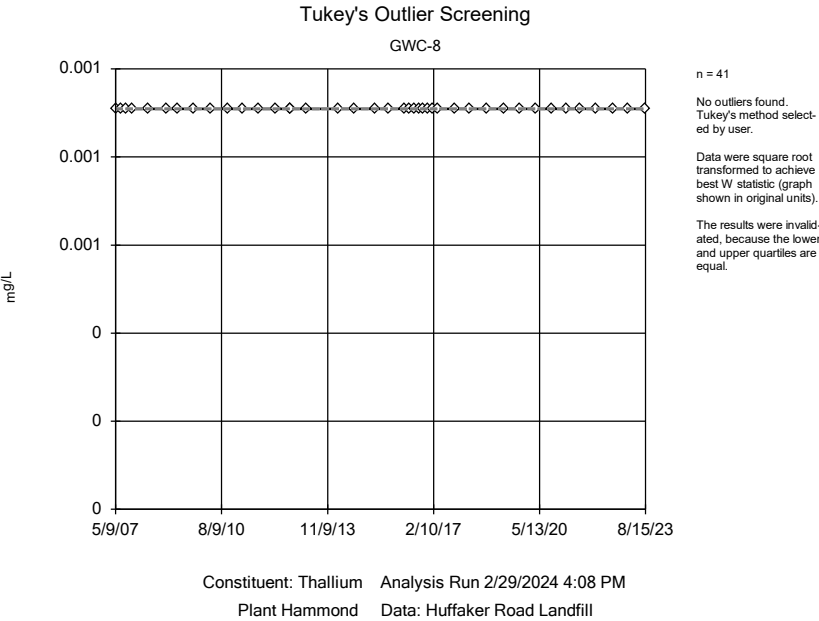
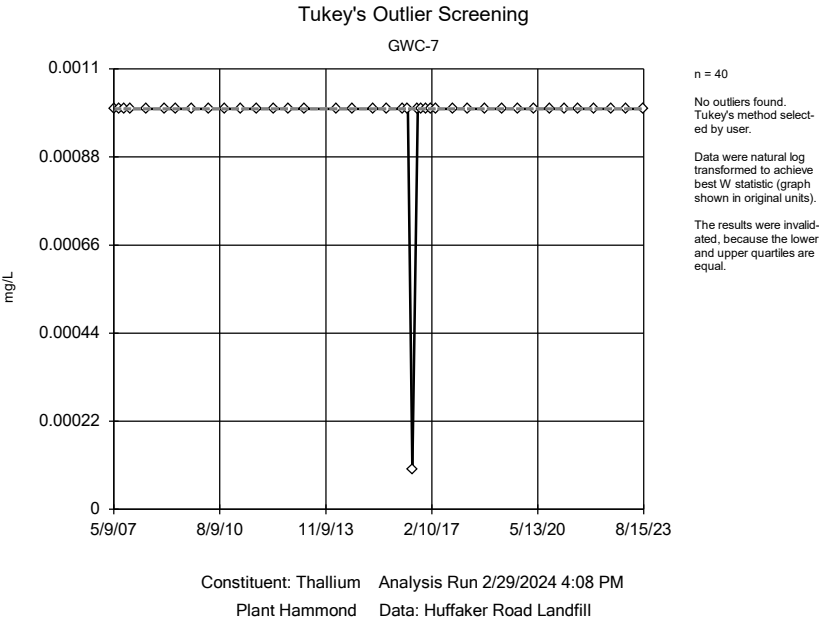
Constituent: Sulfate Analysis Run 2/29/2024 4:07 PM
Plant Hammond Data: Huffaker Road Landfill





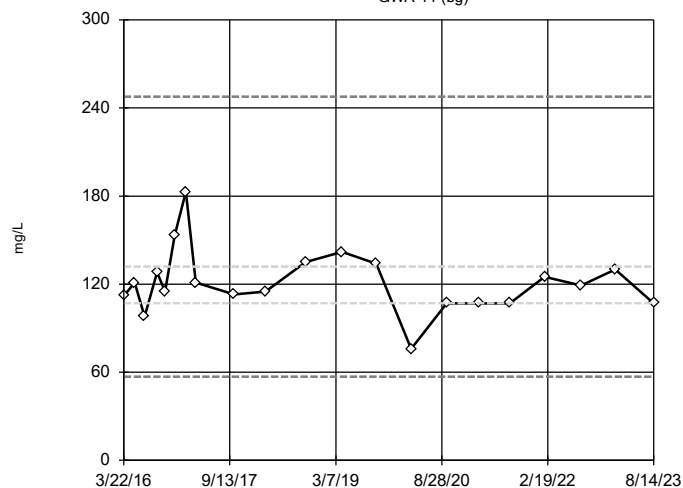






Tukey's Outlier Screening

GWA-11 (bg)



n = 21

No outliers found.
Tukey's method selected by user.

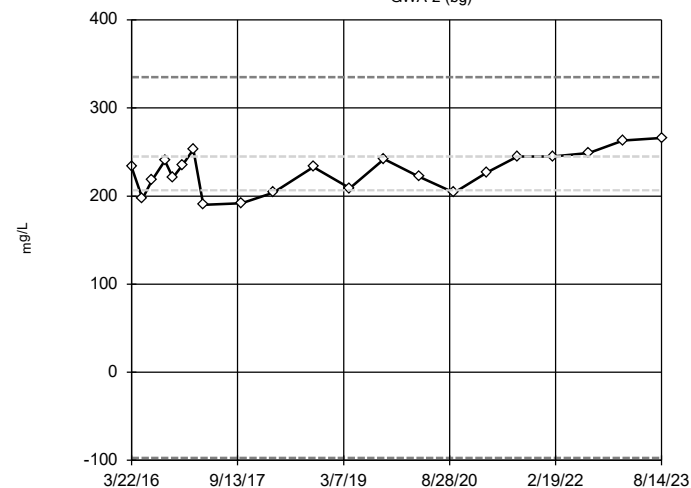
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 247.7, low cutoff = 57.01, based on IQR multiplier of 3.

Constituent: Total Dissolved Solids Analysis Run 2/29/2024 4:08 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWA-2 (bg)



n = 21

No outliers found.
Tukey's method selected by user.

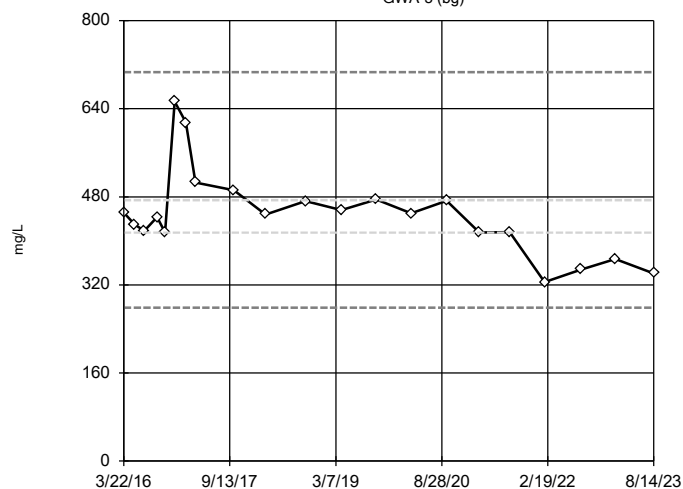
Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 334.9, low cutoff = -97.37, based on IQR multiplier of 3.

Constituent: Total Dissolved Solids Analysis Run 2/29/2024 4:08 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWA-3 (bg)



n = 21

No outliers found.
Tukey's method selected by user.

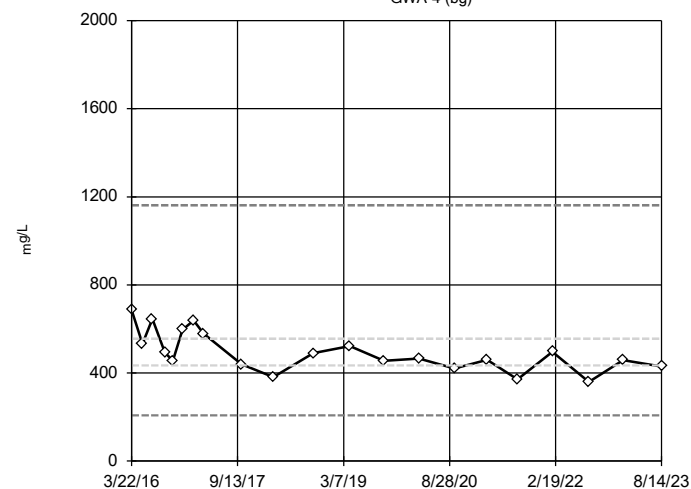
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 706.3, low cutoff = 278.5, based on IQR multiplier of 3.

Constituent: Total Dissolved Solids Analysis Run 2/29/2024 4:08 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWA-4 (bg)



n = 21

No outliers found.
Tukey's method selected by user.

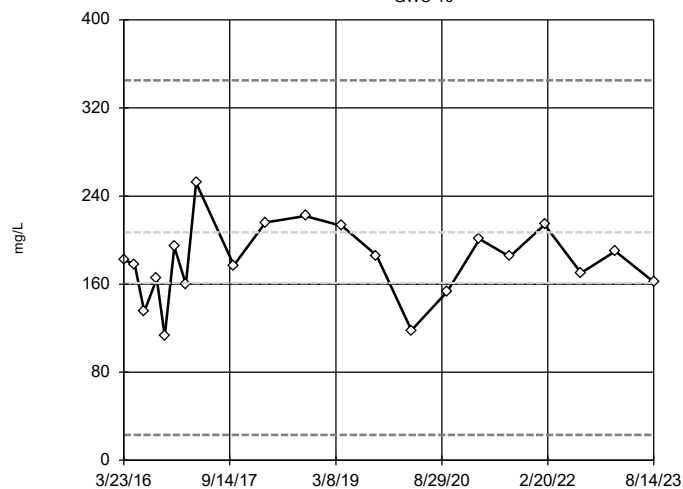
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 1161, low cutoff = 207.8, based on IQR multiplier of 3.

Constituent: Total Dissolved Solids Analysis Run 2/29/2024 4:08 PM
Plant Hammond Data: Huffaker Road Landfill

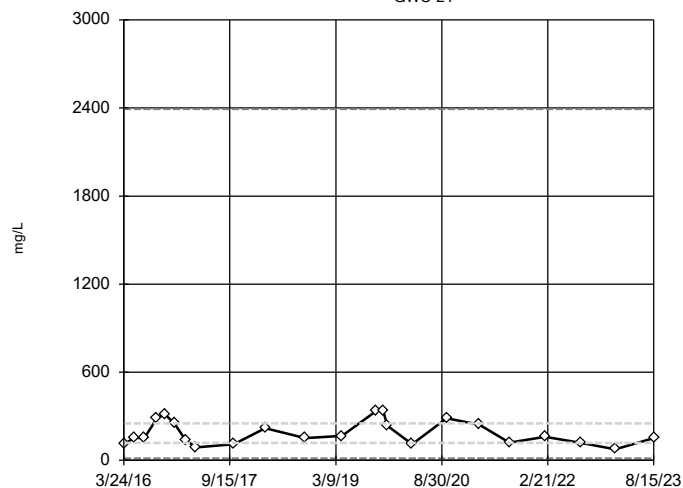
Tukey's Outlier Screening

GWC-10



Tukey's Outlier Screening

GWC-21



Constituent: Total Dissolved Solids Analysis Run 2/29/2024 4:08 PM
Plant Hammond Data: Huffaker Road Landfill

n = 23

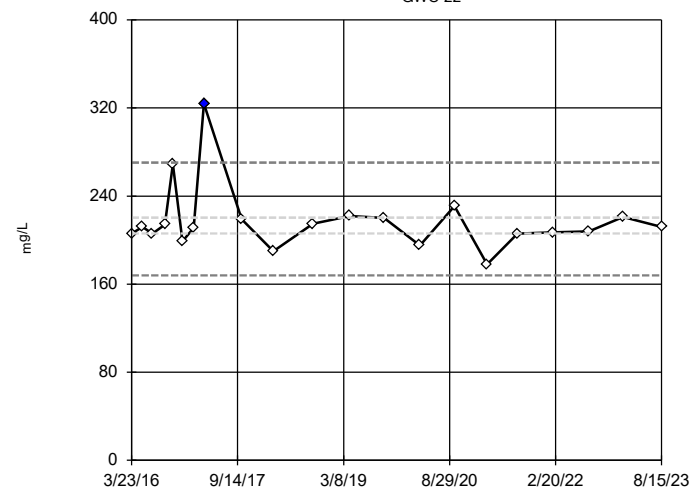
No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 2393, low cutoff = 12.53, based on IQR multiplier of 3.

Tukey's Outlier Screening

GWC-22



Constituent: Total Dissolved Solids Analysis Run 2/29/2024 4:08 PM
Plant Hammond Data: Huffaker Road Landfill

n = 21

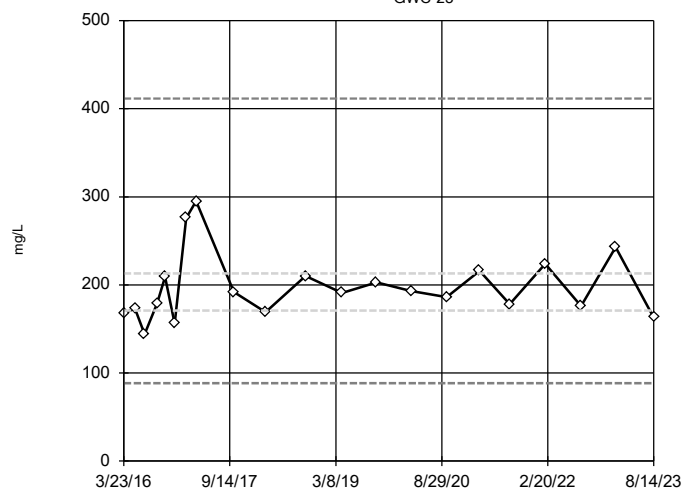
Outlier is drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 270.4, low cutoff = 168, based on IQR multiplier of 3.

Tukey's Outlier Screening

GWC-23



Constituent: Total Dissolved Solids Analysis Run 2/29/2024 4:08 PM
Plant Hammond Data: Huffaker Road Landfill

n = 21

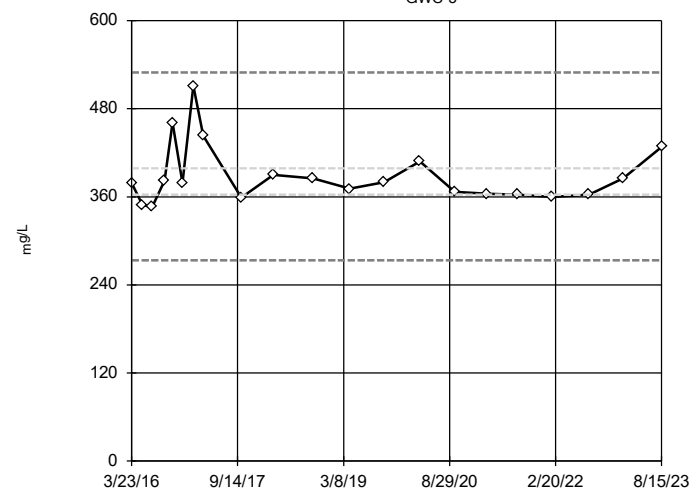
No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 411.6, low cutoff = 88.48, based on IQR multiplier of 3.

Tukey's Outlier Screening

GWC-5



Constituent: Total Dissolved Solids Analysis Run 2/29/2024 4:08 PM
Plant Hammond Data: Huffaker Road Landfill

n = 21

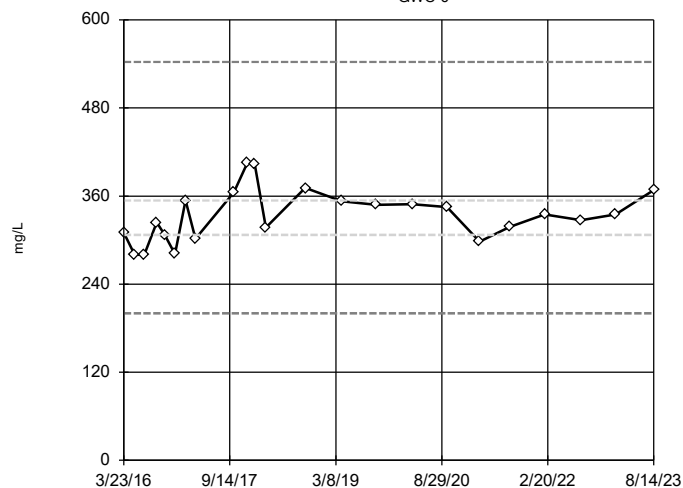
No outliers found.
Tukey's method selected by user.

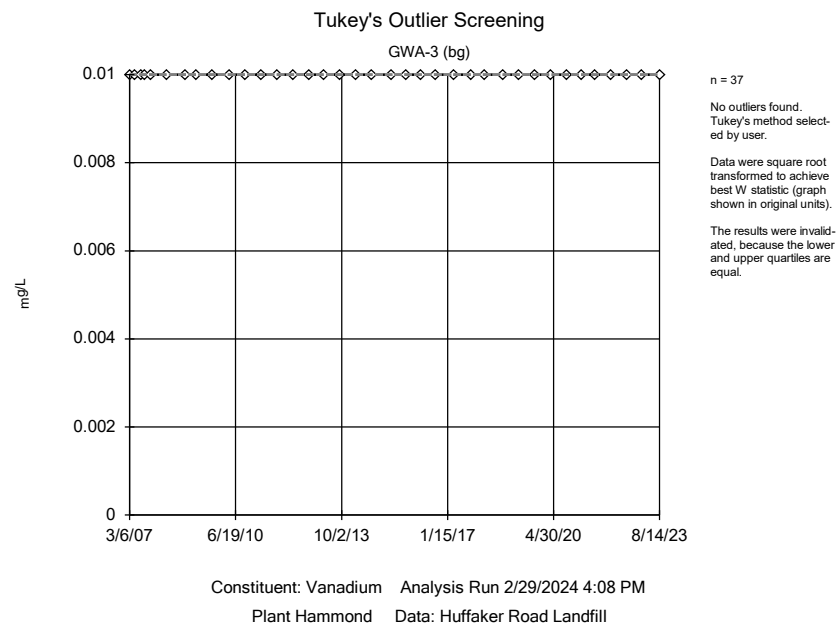
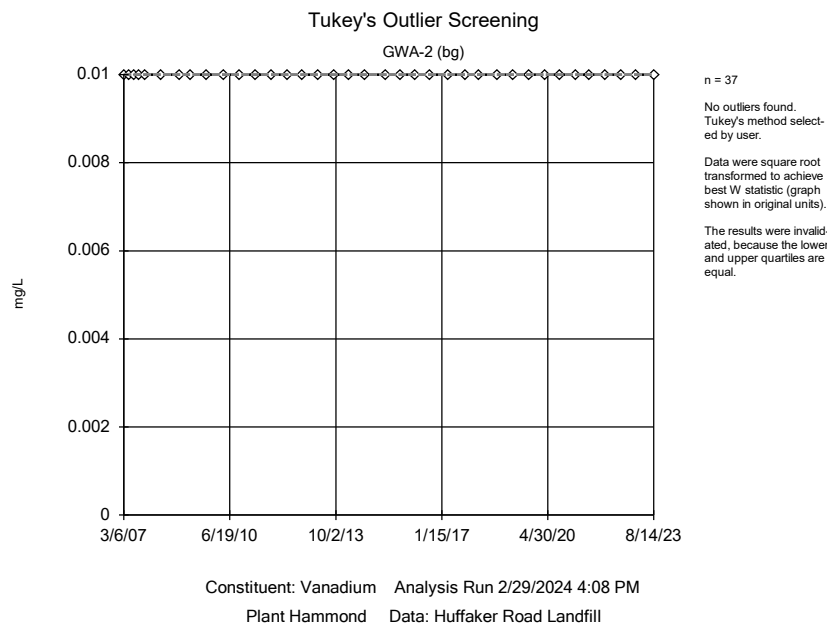
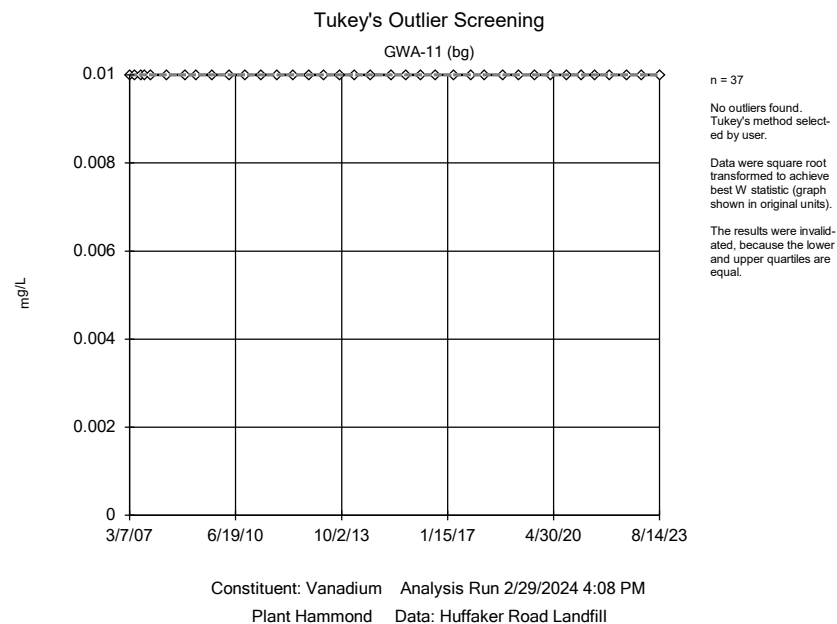
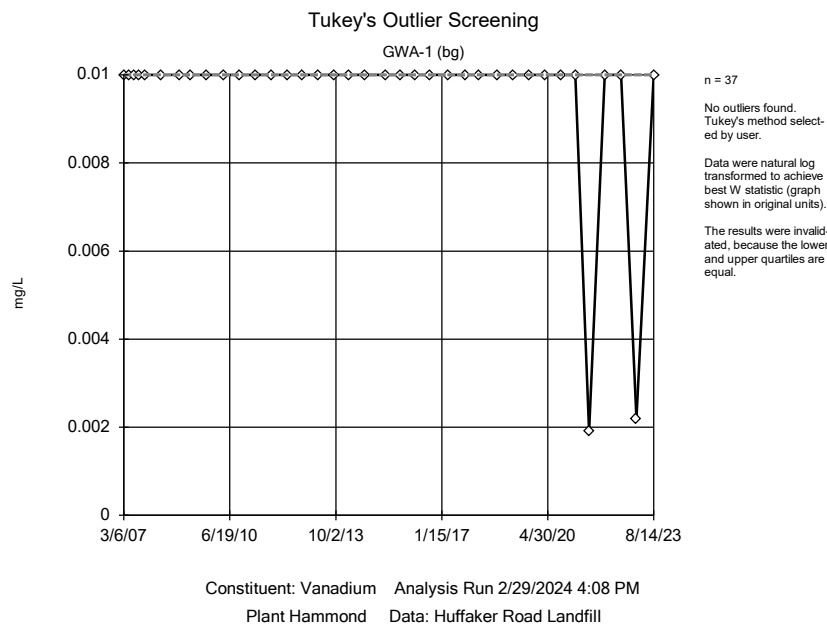
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 529.3, low cutoff = 273.6, based on IQR multiplier of 3.

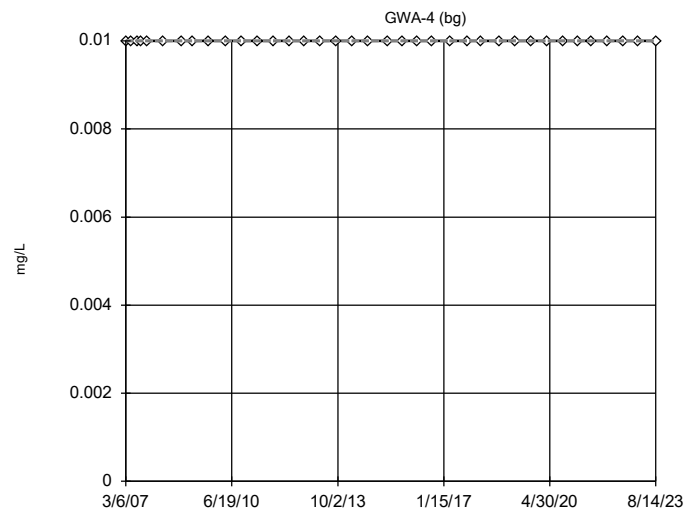
Tukey's Outlier Screening

GWC-6





Tukey's Outlier Screening



n = 37

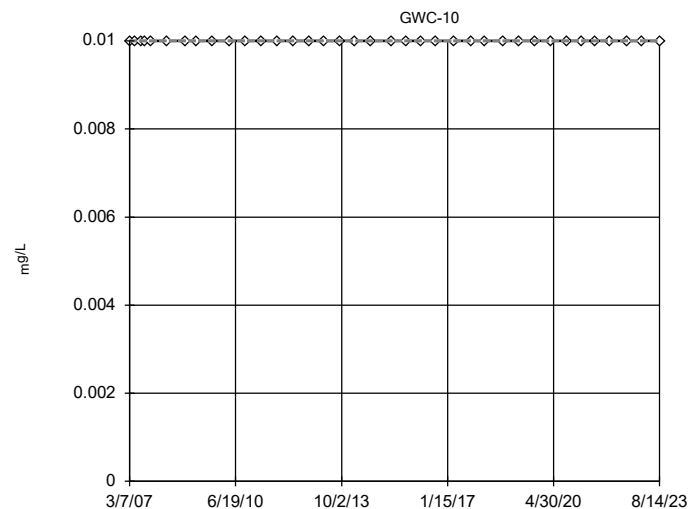
No outliers found.
Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Vanadium Analysis Run 2/29/2024 4:08 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening



n = 37

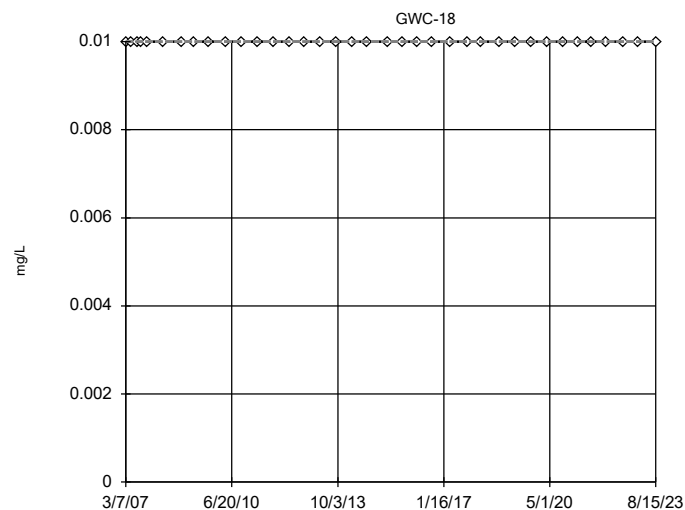
No outliers found.
Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Vanadium Analysis Run 2/29/2024 4:08 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening



n = 37

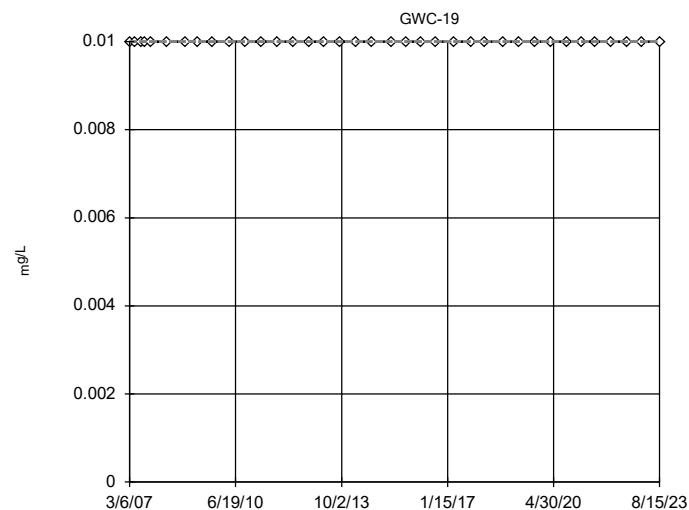
No outliers found.
Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Vanadium Analysis Run 2/29/2024 4:08 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening



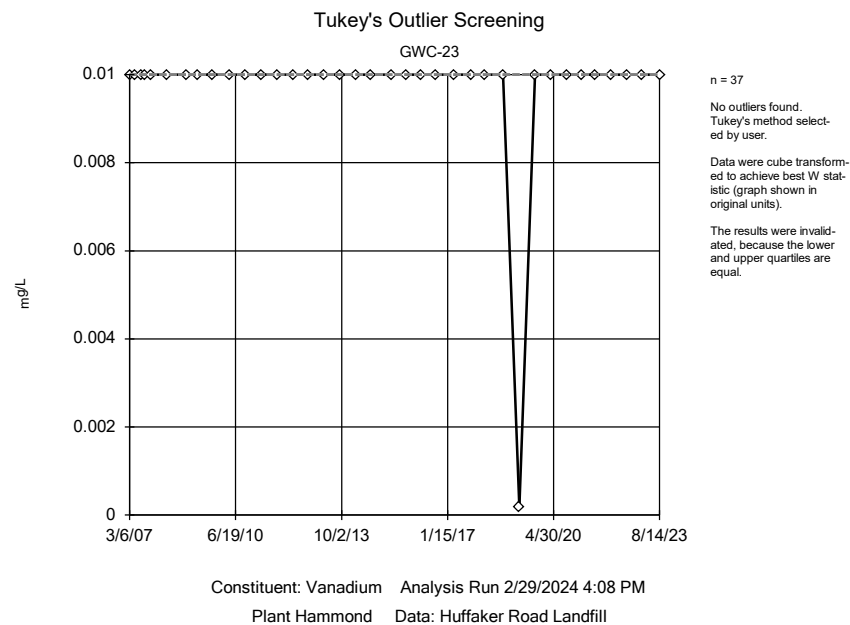
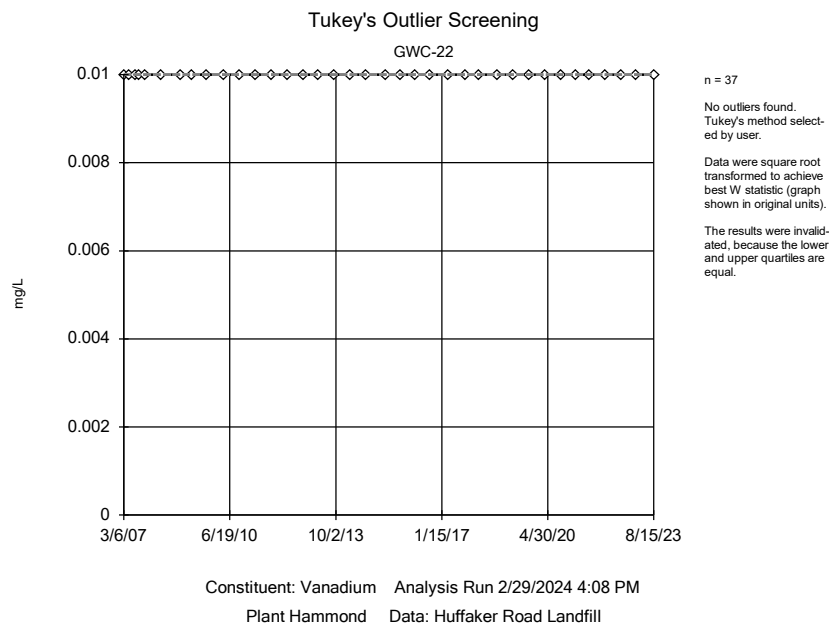
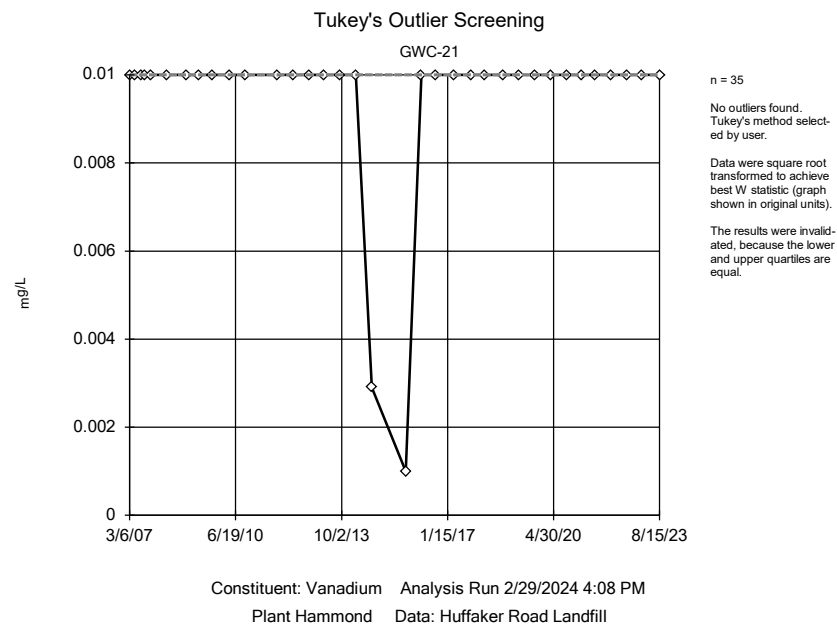
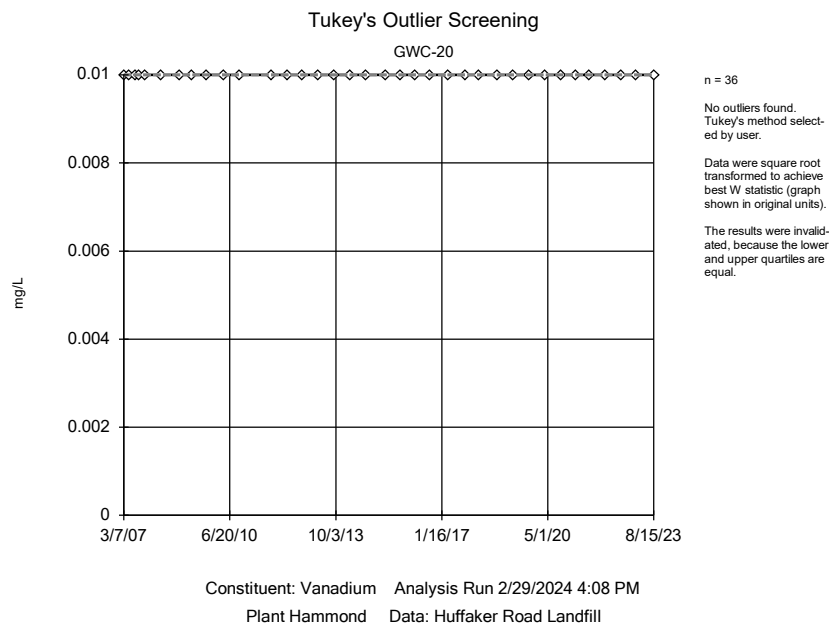
n = 37

No outliers found.
Tukey's method selected by user.

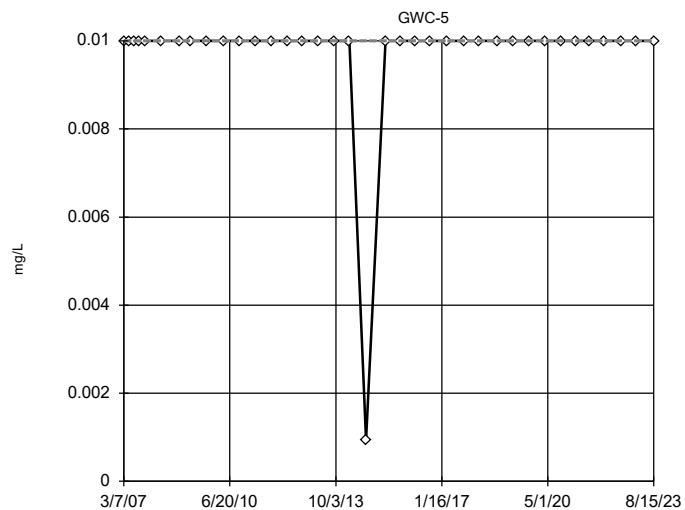
Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Vanadium Analysis Run 2/29/2024 4:08 PM
Plant Hammond Data: Huffaker Road Landfill



Tukey's Outlier Screening



n = 37

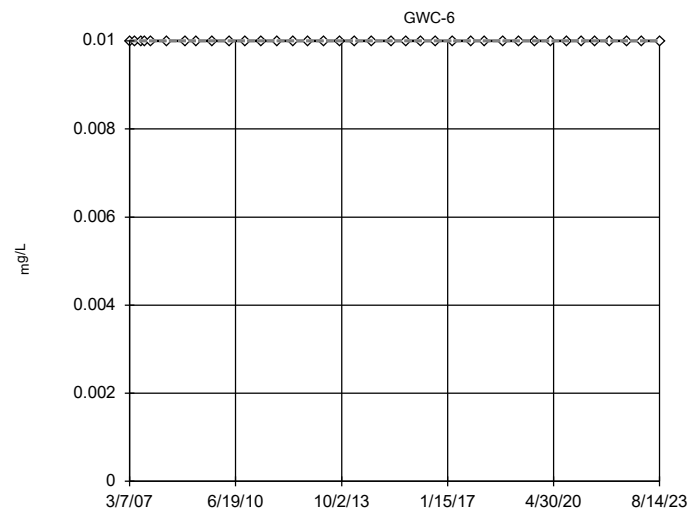
No outliers found.
Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Vanadium Analysis Run 2/29/2024 4:08 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening



n = 37

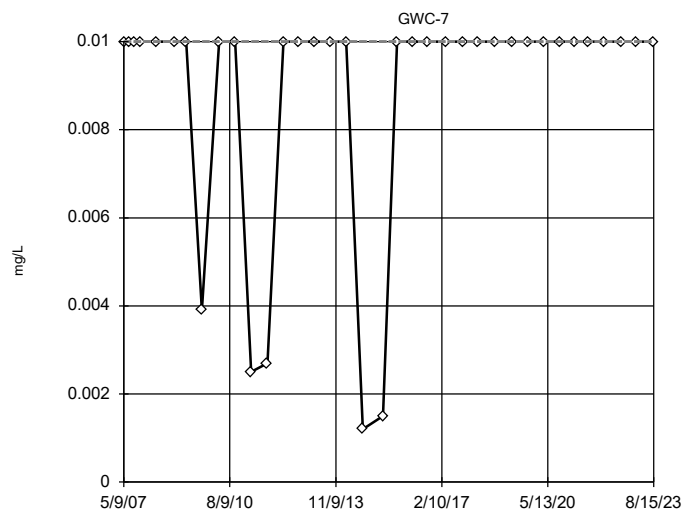
No outliers found.
Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Vanadium Analysis Run 2/29/2024 4:08 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening



n = 36

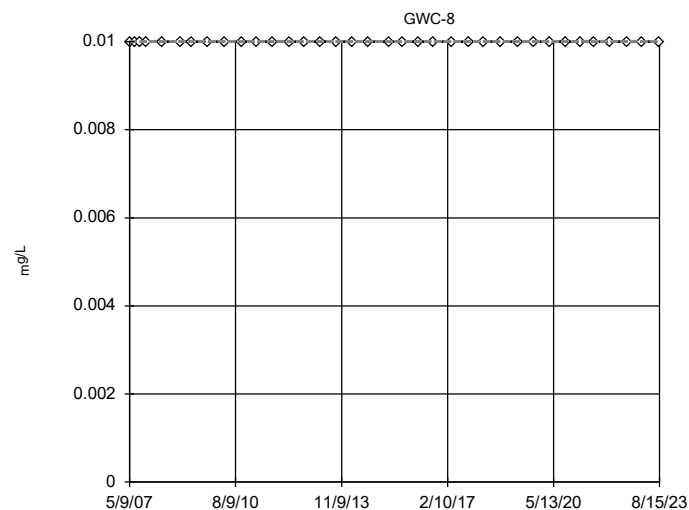
No outliers found.
Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Vanadium Analysis Run 2/29/2024 4:08 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening



n = 36

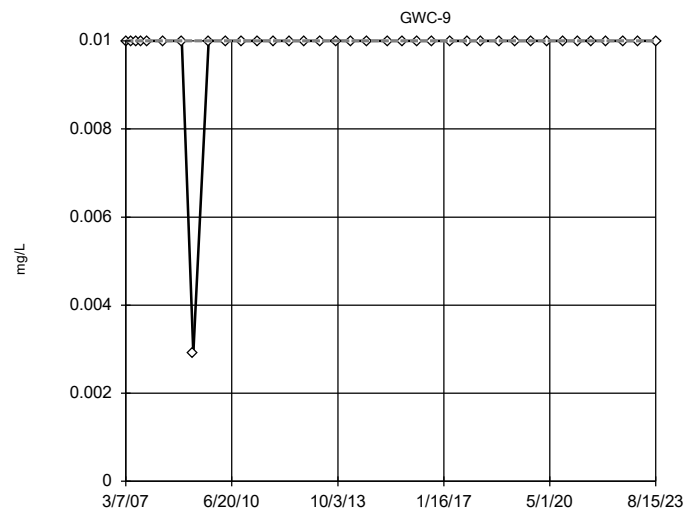
No outliers found.
Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

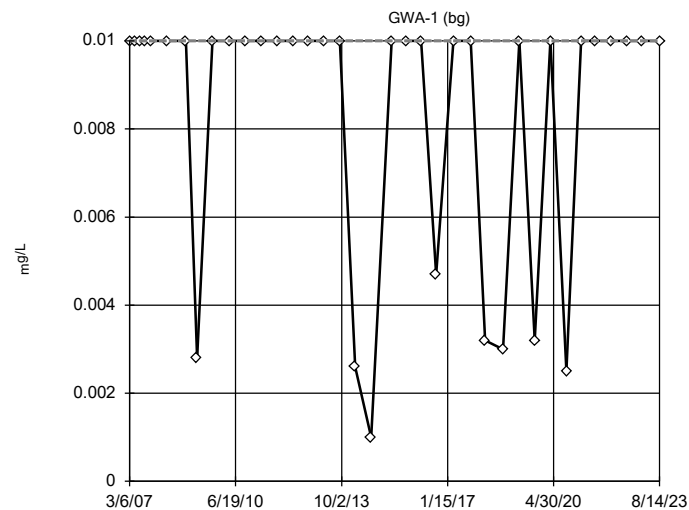
Constituent: Vanadium Analysis Run 2/29/2024 4:08 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening



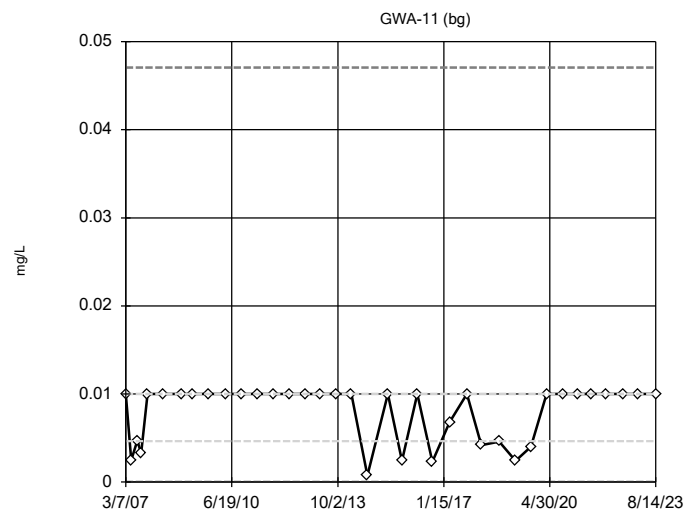
Constituent: Vanadium Analysis Run 2/29/2024 4:08 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening



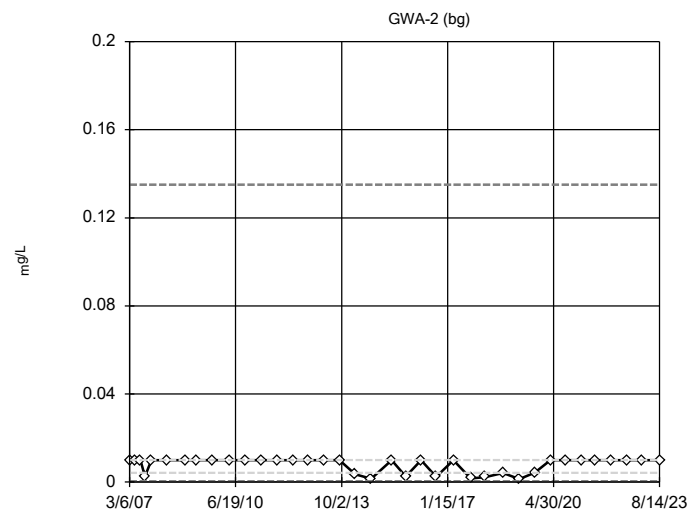
Constituent: Zinc Analysis Run 2/29/2024 4:08 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening



Constituent: Zinc Analysis Run 2/29/2024 4:08 PM
Plant Hammond Data: Huffaker Road Landfill

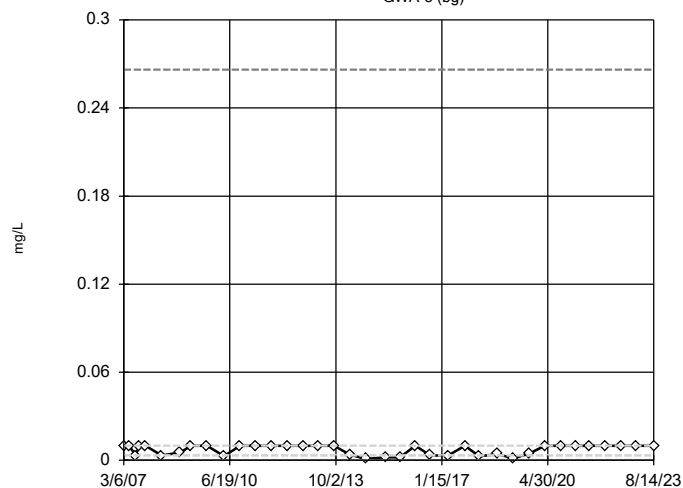
Tukey's Outlier Screening



Constituent: Zinc Analysis Run 2/29/2024 4:08 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWA-3 (bg)



n = 37

No outliers found.
Tukey's method selected by user.

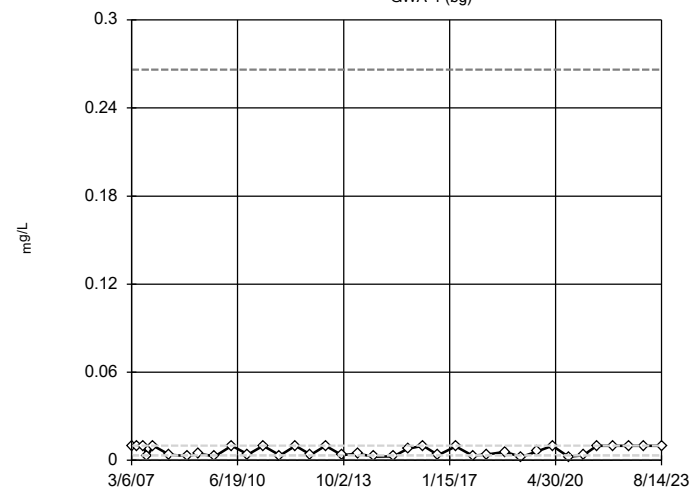
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.2661,
low cutoff = 0.0001259,
based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 2/29/2024 4:08 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWA-4 (bg)



n = 37

No outliers found.
Tukey's method selected by user.

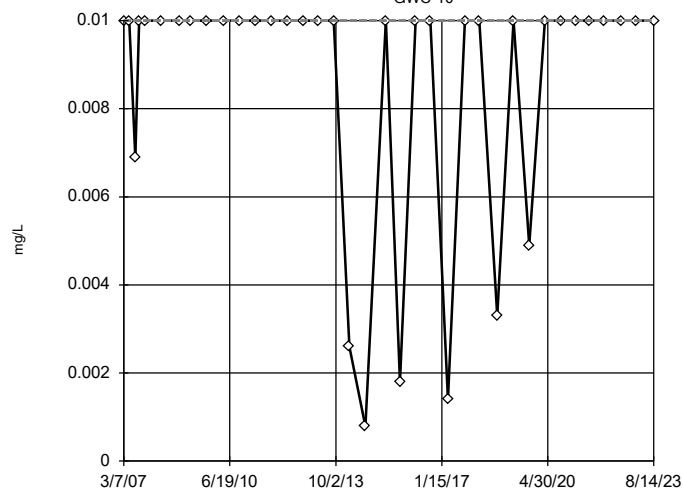
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.2661,
low cutoff = 0.0001259,
based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 2/29/2024 4:08 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-10



n = 37

No outliers found.
Tukey's method selected by user.

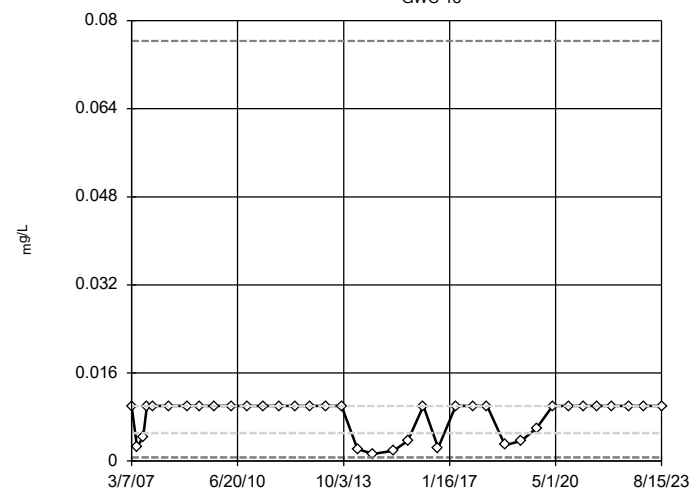
Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Zinc Analysis Run 2/29/2024 4:08 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-18



n = 37

No outliers found.
Tukey's method selected by user.

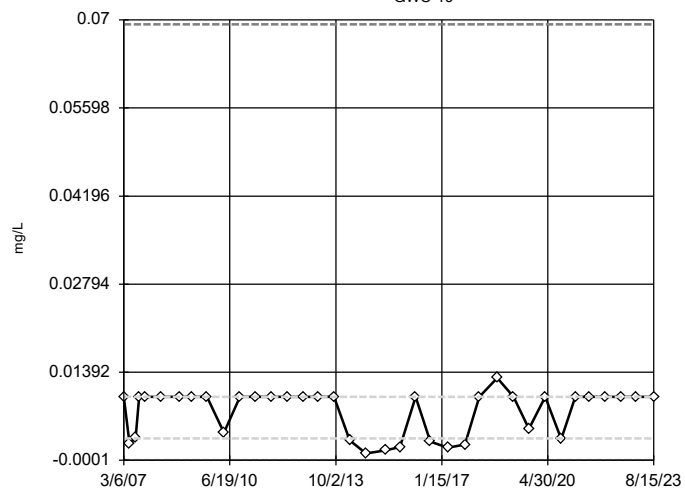
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.07631,
low cutoff = 0.0006656,
based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 2/29/2024 4:08 PM
Plant Hammond Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-19



Constituent: Zinc Analysis Run 2/29/2024 4:08 PM
Plant Hammond Data: Huffaker Road Landfill

n = 37

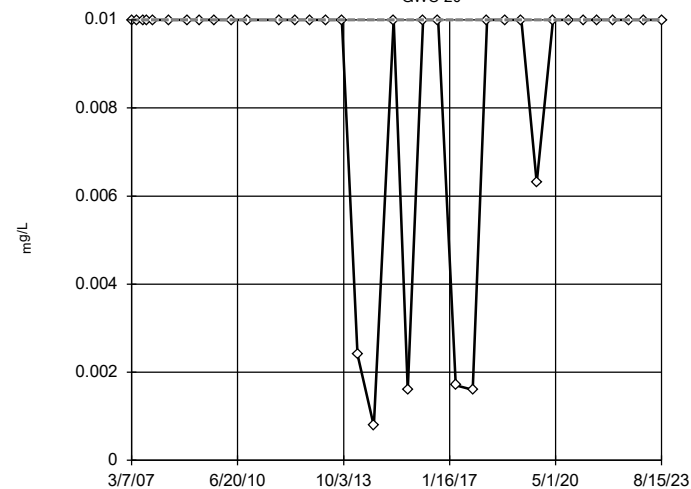
No outliers found.
Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.06928,
low cutoff = -0.00009058,
based on IQR multiplier of 3.

Tukey's Outlier Screening

GWC-20



Constituent: Zinc Analysis Run 2/29/2024 4:08 PM
Plant Hammond Data: Huffaker Road Landfill

n = 36

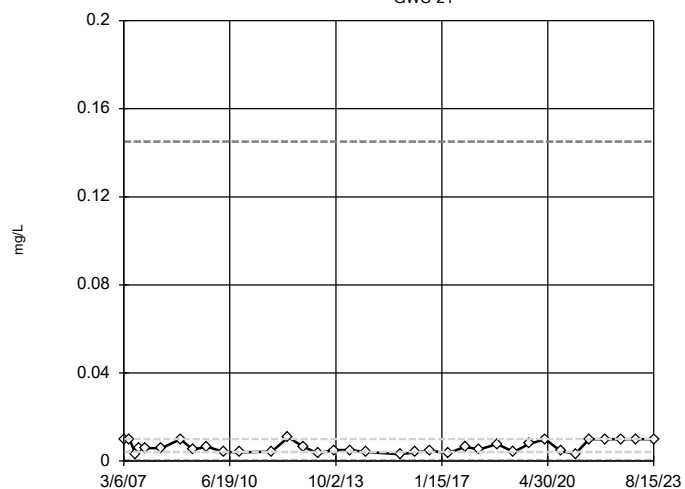
No outliers found.
Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Tukey's Outlier Screening

GWC-21



Constituent: Zinc Analysis Run 2/29/2024 4:08 PM
Plant Hammond Data: Huffaker Road Landfill

n = 35

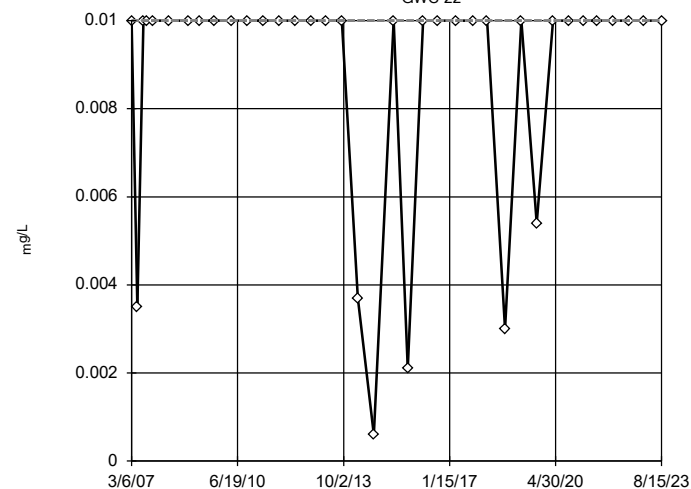
No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.1451,
low cutoff = 0.0002826,
based on IQR multiplier of 3.

Tukey's Outlier Screening

GWC-22



Constituent: Zinc Analysis Run 2/29/2024 4:08 PM
Plant Hammond Data: Huffaker Road Landfill

n = 37

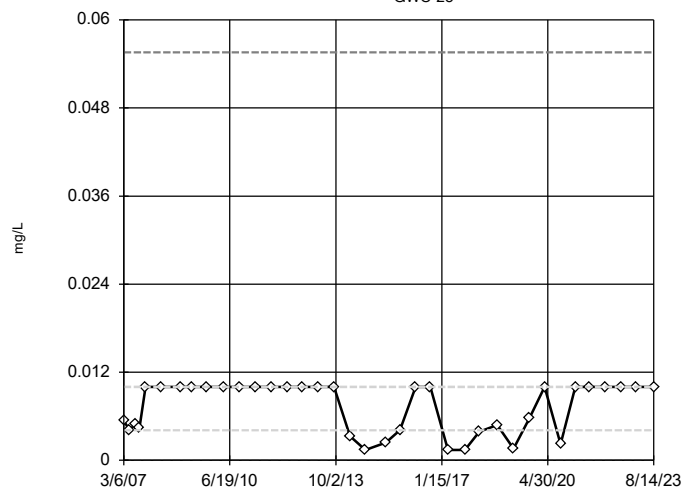
No outliers found.
Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Tukey's Outlier Screening

GWC-23



Constituent: Zinc Analysis Run 2/29/2024 4:08 PM
Plant Hammond Data: Huffaker Road Landfill

n = 37

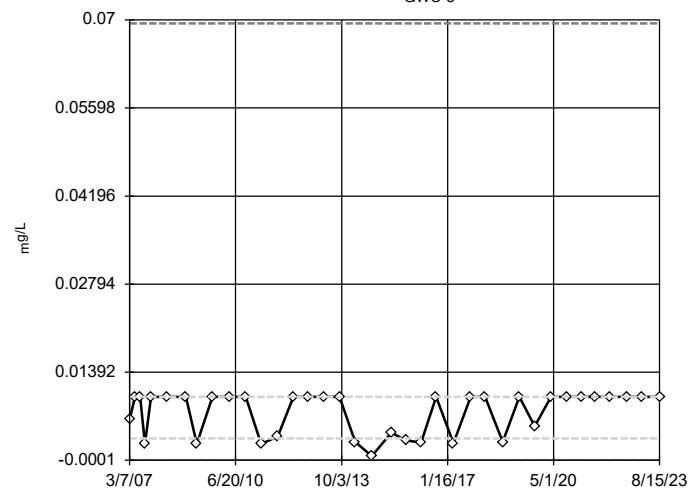
No outliers found.
Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.05558,
low cutoff = -2.3e-7,
based on IQR multiplier of 3.

Tukey's Outlier Screening

GWC-5



Constituent: Zinc Analysis Run 2/29/2024 4:09 PM
Plant Hammond Data: Huffaker Road Landfill

n = 37

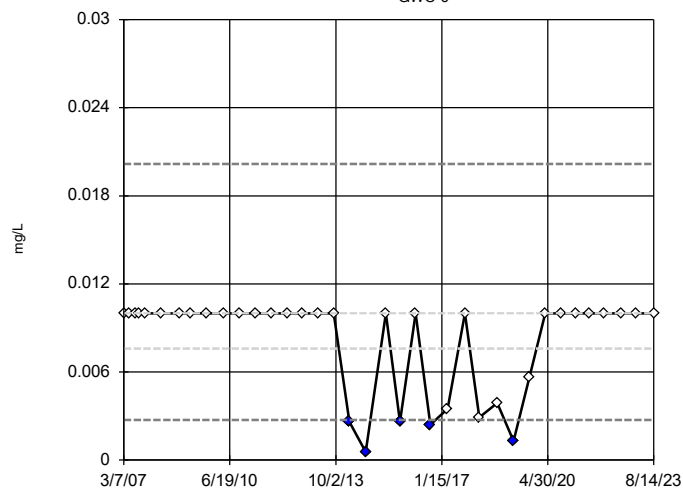
No outliers found.
Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.06946,
low cutoff = -0.0009342,
based on IQR multiplier of 3.

Tukey's Outlier Screening

GWC-6



Constituent: Zinc Analysis Run 2/29/2024 4:09 PM
Plant Hammond Data: Huffaker Road Landfill

n = 37

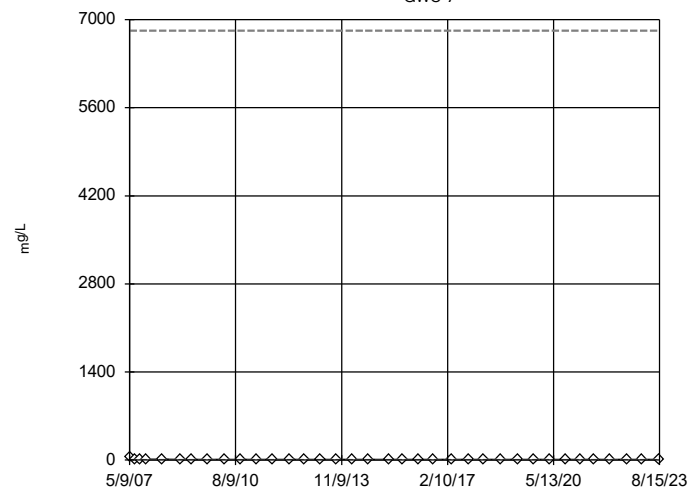
Outliers are drawn as solid.
Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.02018,
low cutoff = 0.002727,
based on IQR multiplier of 3.

Tukey's Outlier Screening

GWC-7



Constituent: Zinc Analysis Run 2/29/2024 4:09 PM
Plant Hammond Data: Huffaker Road Landfill

n = 36

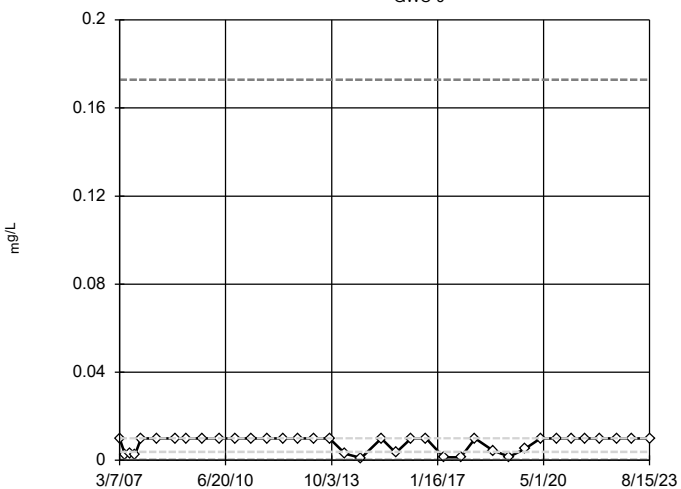
No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 6825, low cutoff = 0.0002827, based on IQR multiplier of 3.

Tukey's Outlier Screening

GWC-9



n = 37

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.1728,
low cutoff = 0.0002238,
based on IQR multiplier
of 3.

Constituent: Zinc Analysis Run 2/29/2024 4:09 PM
Plant Hammond Data: Huffaker Road Landfill

FIGURE D.

Appendix I - Welch's t-test/Mann-Whitney - Significant Results

Plant Hammond Data: Huffaker Road Landfill Printed 3/4/2024, 4:17 PM

<u>Constituent</u>	<u>Well</u>	<u>Calc.</u>	<u>0.01</u>	<u>Alpha</u>	<u>Method</u>
Antimony (mg/L)	GWA-1 (bg)	-3.406	Yes	0.01	Mann-W
Barium (mg/L)	GWA-11 (bg)	-2.673	Yes	0.01	Mann-W
Barium (mg/L)	GWA-2 (bg)	2.667	Yes	0.01	Mann-W
Barium (mg/L)	GWA-3 (bg)	-3.287	Yes	0.01	Mann-W
Barium (mg/L)	GWC-20	3.036	Yes	0.01	Mann-W
Barium (mg/L)	GWC-5	-2.943	Yes	0.01	Mann-W
Cobalt (mg/L)	GWA-1 (bg)	-2.603	Yes	0.01	Mann-W
Cobalt (mg/L)	GWA-11 (bg)	-3.064	Yes	0.01	Mann-W
Cobalt (mg/L)	GWA-3 (bg)	-2.937	Yes	0.01	Mann-W
Cobalt (mg/L)	GWC-8	-3.549	Yes	0.01	Mann-W
Nickel (mg/L)	GWA-11 (bg)	-2.838	Yes	0.01	Mann-W
Nickel (mg/L)	GWA-3 (bg)	-4.109	Yes	0.01	Mann-W
Nickel (mg/L)	GWC-9	-3.096	Yes	0.01	Mann-W

Appendix I - Welch's t-test/Mann-Whitney - All Results

Plant Hammond Data: Huffaker Road Landfill Printed 3/4/2024, 4:17 PM

<u>Constituent</u>	<u>Well</u>	<u>Calc.</u>	<u>0.01</u>	<u>Alpha</u>	<u>Method</u>
Antimony (mg/L)	GWA-1 (bg)	-3.406	Yes	0.01	Mann-W
Antimony (mg/L)	GWA-11 (bg)	0.4063	No	0.01	Mann-W
Antimony (mg/L)	GWA-2 (bg)	0.5351	No	0.01	Mann-W
Antimony (mg/L)	GWA-3 (bg)	0.2433	No	0.01	Mann-W
Antimony (mg/L)	GWA-4 (bg)	0.4063	No	0.01	Mann-W
Antimony (mg/L)	GWC-10	0.2433	No	0.01	Mann-W
Antimony (mg/L)	GWC-18	-1.974	No	0.01	Mann-W
Antimony (mg/L)	GWC-19	0.2433	No	0.01	Mann-W
Antimony (mg/L)	GWC-5	0.4063	No	0.01	Mann-W
Antimony (mg/L)	GWC-6	0.2433	No	0.01	Mann-W
Antimony (mg/L)	GWC-7	0.4119	No	0.01	Mann-W
Antimony (mg/L)	GWC-8	0.4177	No	0.01	Mann-W
Antimony (mg/L)	GWC-9	0.4063	No	0.01	Mann-W
Arsenic (mg/L)	GWA-11 (bg)	0.2433	No	0.01	Mann-W
Arsenic (mg/L)	GWA-3 (bg)	1.048	No	0.01	Mann-W
Arsenic (mg/L)	GWA-4 (bg)	0.4189	No	0.01	Mann-W
Arsenic (mg/L)	GWC-18	0.5277	No	0.01	Mann-W
Arsenic (mg/L)	GWC-21	0.919	No	0.01	Mann-W
Arsenic (mg/L)	GWC-23	0.4063	No	0.01	Mann-W
Arsenic (mg/L)	GWC-5	0.4063	No	0.01	Mann-W
Arsenic (mg/L)	GWC-7	-0.06727	No	0.01	Mann-W
Arsenic (mg/L)	GWC-8	-0.1972	No	0.01	Mann-W
Arsenic (mg/L)	GWC-9	0.2433	No	0.01	Mann-W
Barium (mg/L)	GWA-1 (bg)	-0.708	No	0.01	Mann-W
Barium (mg/L)	GWA-11 (bg)	-2.673	Yes	0.01	Mann-W
Barium (mg/L)	GWA-2 (bg)	2.667	Yes	0.01	Mann-W
Barium (mg/L)	GWA-3 (bg)	-3.287	Yes	0.01	Mann-W
Barium (mg/L)	GWA-4 (bg)	-2.337	No	0.01	Mann-W
Barium (mg/L)	GWC-10	1.059	No	0.01	Mann-W
Barium (mg/L)	GWC-18	1.137	No	0.01	Mann-W
Barium (mg/L)	GWC-19	-0.08388	No	0.01	Mann-W
Barium (mg/L)	GWC-20	3.036	Yes	0.01	Mann-W
Barium (mg/L)	GWC-21	-0.6991	No	0.01	Mann-W
Barium (mg/L)	GWC-22	-0.1659	No	0.01	Mann-W
Barium (mg/L)	GWC-23	2.507	No	0.01	Mann-W
Barium (mg/L)	GWC-5	-2.943	Yes	0.01	Mann-W
Barium (mg/L)	GWC-6	-0.1935	No	0.01	Mann-W
Barium (mg/L)	GWC-7	1.124	No	0.01	Mann-W
Barium (mg/L)	GWC-8	2.555	No	0.01	Mann-W
Barium (mg/L)	GWC-9	1.854	No	0.01	Mann-W
Beryllium (mg/L)	GWA-3 (bg)	0.2433	No	0.01	Mann-W
Beryllium (mg/L)	GWC-19	0.2433	No	0.01	Mann-W
Beryllium (mg/L)	GWC-7	-1.384	No	0.01	Mann-W
Cadmium (mg/L)	GWA-4 (bg)	0.2433	No	0.01	Mann-W
Cadmium (mg/L)	GWC-10	0.2433	No	0.01	Mann-W
Cadmium (mg/L)	GWC-18	0.2433	No	0.01	Mann-W
Cadmium (mg/L)	GWC-20	0.2466	No	0.01	Mann-W
Cadmium (mg/L)	GWC-21	0.4179	No	0.01	Mann-W
Cadmium (mg/L)	GWC-23	0.2433	No	0.01	Mann-W
Cadmium (mg/L)	GWC-5	-0.4056	No	0.01	Mann-W
Cadmium (mg/L)	GWC-7	-0.5179	No	0.01	Mann-W
Cadmium (mg/L)	GWC-8	0.2466	No	0.01	Mann-W
Cadmium (mg/L)	GWC-9	0.4063	No	0.01	Mann-W
Chromium (mg/L)	GWA-1 (bg)	-0.05805	No	0.01	Mann-W
Chromium (mg/L)	GWA-11 (bg)	0.5277	No	0.01	Mann-W
Chromium (mg/L)	GWA-2 (bg)	0.2433	No	0.01	Mann-W
Chromium (mg/L)	GWA-3 (bg)	0.4063	No	0.01	Mann-W
Chromium (mg/L)	GWA-4 (bg)	0.4063	No	0.01	Mann-W
Chromium (mg/L)	GWC-10	-1.094	No	0.01	Mann-W
Chromium (mg/L)	GWC-18	0.4063	No	0.01	Mann-W
Chromium (mg/L)	GWC-19	0.5277	No	0.01	Mann-W
Chromium (mg/L)	GWC-20	0.146	No	0.01	Mann-W
Chromium (mg/L)	GWC-21	0.4177	No	0.01	Mann-W
Chromium (mg/L)	GWC-22	0.6309	No	0.01	Mann-W
Chromium (mg/L)	GWC-23	-0.05805	No	0.01	Mann-W
Chromium (mg/L)	GWC-5	0.2433	No	0.01	Mann-W
Chromium (mg/L)	GWC-6	0.2433	No	0.01	Mann-W
Chromium (mg/L)	GWC-7	0.8345	No	0.01	Mann-W

Appendix I - Welch's t-test/Mann-Whitney - All Results

Page 2

Plant Hammond Data: Huffaker Road Landfill Printed 3/4/2024, 4:17 PM

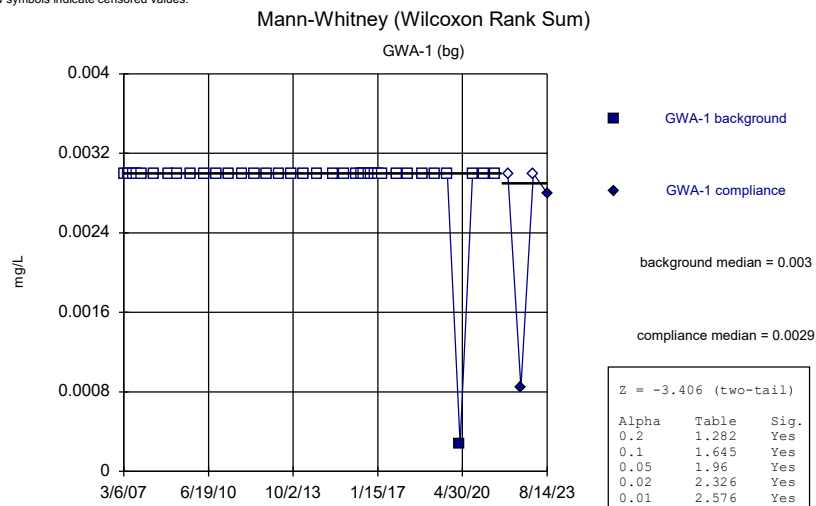
<u>Constituent</u>	<u>Well</u>	<u>Calc.</u>	<u>0.01</u>	<u>Alpha</u>	<u>Method</u>
Chromium (mg/L)	GWC-8	0.6401	No	0.01	Mann-W
Chromium (mg/L)	GWC-9	0.5277	No	0.01	Mann-W
Cobalt (mg/L)	GWA-1 (bg)	-2.603	Yes	0.01	Mann-W
Cobalt (mg/L)	GWA-11 (bg)	-3.064	Yes	0.01	Mann-W
Cobalt (mg/L)	GWA-2 (bg)	0.2433	No	0.01	Mann-W
Cobalt (mg/L)	GWA-3 (bg)	-2.937	Yes	0.01	Mann-W
Cobalt (mg/L)	GWA-4 (bg)	1.404	No	0.01	Mann-W
Cobalt (mg/L)	GWC-10	0.2433	No	0.01	Mann-W
Cobalt (mg/L)	GWC-21	-1.026	No	0.01	Mann-W
Cobalt (mg/L)	GWC-23	0.6309	No	0.01	Mann-W
Cobalt (mg/L)	GWC-5	-2.218	No	0.01	Mann-W
Cobalt (mg/L)	GWC-6	0.2433	No	0.01	Mann-W
Cobalt (mg/L)	GWC-7	-0.99	No	0.01	Mann-W
Cobalt (mg/L)	GWC-8	-3.549	Yes	0.01	Mann-W
Cobalt (mg/L)	GWC-9	0.8098	No	0.01	Mann-W
Copper (mg/L)	GWA-11 (bg)	0.5682	No	0.01	Mann-W
Copper (mg/L)	GWA-2 (bg)	0.5682	No	0.01	Mann-W
Copper (mg/L)	GWA-3 (bg)	0.5682	No	0.01	Mann-W
Copper (mg/L)	GWA-4 (bg)	-0.2583	No	0.01	Mann-W
Copper (mg/L)	GWC-10	-1.343	No	0.01	Mann-W
Copper (mg/L)	GWC-18	0.5682	No	0.01	Mann-W
Copper (mg/L)	GWC-19	0.7818	No	0.01	Mann-W
Copper (mg/L)	GWC-20	0.4437	No	0.01	Mann-W
Copper (mg/L)	GWC-21	0.06748	No	0.01	Mann-W
Copper (mg/L)	GWC-22	0.5682	No	0.01	Mann-W
Copper (mg/L)	GWC-23	-0.1949	No	0.01	Mann-W
Copper (mg/L)	GWC-5	0.7818	No	0.01	Mann-W
Copper (mg/L)	GWC-6	0.2611	No	0.01	Mann-W
Copper (mg/L)	GWC-7	0.4081	No	0.01	Mann-W
Copper (mg/L)	GWC-8	0.2652	No	0.01	Mann-W
Copper (mg/L)	GWC-9	0.4368	No	0.01	Mann-W
Lead (mg/L)	GWA-11 (bg)	0.2433	No	0.01	Mann-W
Lead (mg/L)	GWA-3 (bg)	0.4063	No	0.01	Mann-W
Lead (mg/L)	GWC-10	0.2433	No	0.01	Mann-W
Lead (mg/L)	GWC-18	0.2433	No	0.01	Mann-W
Lead (mg/L)	GWC-19	0.5277	No	0.01	Mann-W
Lead (mg/L)	GWC-20	0.2466	No	0.01	Mann-W
Lead (mg/L)	GWC-21	0.6494	No	0.01	Mann-W
Lead (mg/L)	GWC-22	0.6309	No	0.01	Mann-W
Lead (mg/L)	GWC-23	0.8097	No	0.01	Mann-W
Lead (mg/L)	GWC-5	0.4063	No	0.01	Mann-W
Lead (mg/L)	GWC-6	0.2433	No	0.01	Mann-W
Lead (mg/L)	GWC-7	0.8188	No	0.01	Mann-W
Lead (mg/L)	GWC-8	0.4119	No	0.01	Mann-W
Nickel (mg/L)	GWA-1 (bg)	0.9661	No	0.01	Mann-W
Nickel (mg/L)	GWA-11 (bg)	-2.838	Yes	0.01	Mann-W
Nickel (mg/L)	GWA-2 (bg)	0.2611	No	0.01	Mann-W
Nickel (mg/L)	GWA-3 (bg)	-4.109	Yes	0.01	Mann-W
Nickel (mg/L)	GWA-4 (bg)	0.2132	No	0.01	Mann-W
Nickel (mg/L)	GWC-10	0.2611	No	0.01	Mann-W
Nickel (mg/L)	GWC-18	-1.462	No	0.01	Mann-W
Nickel (mg/L)	GWC-19	0.155	No	0.01	Mann-W
Nickel (mg/L)	GWC-20	0.4437	No	0.01	Mann-W
Nickel (mg/L)	GWC-21	1.917	No	0.01	Mann-W
Nickel (mg/L)	GWC-22	0.2611	No	0.01	Mann-W
Nickel (mg/L)	GWC-23	0.06053	No	0.01	Mann-W
Nickel (mg/L)	GWC-5	0.9661	No	0.01	Mann-W
Nickel (mg/L)	GWC-6	0.5682	No	0.01	Mann-W
Nickel (mg/L)	GWC-7	-0.3407	No	0.01	Mann-W
Nickel (mg/L)	GWC-8	0.5815	No	0.01	Mann-W
Nickel (mg/L)	GWC-9	-3.096	Yes	0.01	Mann-W
Selenium (mg/L)	GWA-4 (bg)	0.2433	No	0.01	Mann-W
Selenium (mg/L)	GWC-10	0.2433	No	0.01	Mann-W
Selenium (mg/L)	GWC-21	0.4177	No	0.01	Mann-W
Selenium (mg/L)	GWC-22	0.4063	No	0.01	Mann-W
Selenium (mg/L)	GWC-9	0.2433	No	0.01	Mann-W
Vanadium (mg/L)	GWA-1 (bg)	-1.809	No	0.01	Mann-W
Vanadium (mg/L)	GWC-21	0.451	No	0.01	Mann-W

Appendix I - Welch's t-test/Mann-Whitney - All Results

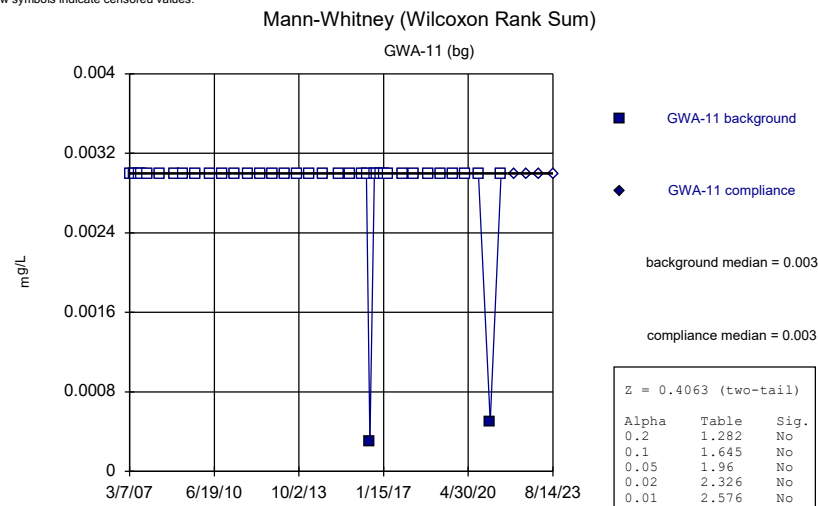
Page 3

Plant Hammond Data: Huffaker Road Landfill Printed 3/4/2024, 4:17 PM

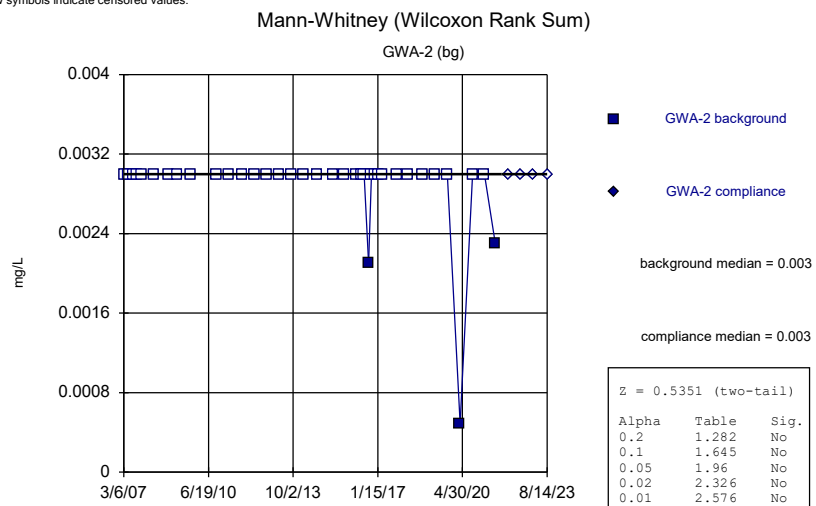
<u>Constituent</u>	<u>Well</u>	<u>Calc.</u>	<u>0.01</u>	<u>Alpha</u>	<u>Method</u>
Vanadium (mg/L)	GWC-23	0.2611	No	0.01	Mann-W
Vanadium (mg/L)	GWC-5	0.2611	No	0.01	Mann-W
Vanadium (mg/L)	GWC-7	0.7952	No	0.01	Mann-W
Vanadium (mg/L)	GWC-9	0.2611	No	0.01	Mann-W
Zinc (mg/L)	GWA-1 (bg)	1.053	No	0.01	Mann-W
Zinc (mg/L)	GWA-11 (bg)	1.301	No	0.01	Mann-W
Zinc (mg/L)	GWA-2 (bg)	1.22	No	0.01	Mann-W
Zinc (mg/L)	GWA-3 (bg)	1.543	No	0.01	Mann-W
Zinc (mg/L)	GWA-4 (bg)	2.203	No	0.01	Mann-W
Zinc (mg/L)	GWC-10	0.9661	No	0.01	Mann-W
Zinc (mg/L)	GWC-18	1.22	No	0.01	Mann-W
Zinc (mg/L)	GWC-19	1.233	No	0.01	Mann-W
Zinc (mg/L)	GWC-20	0.8918	No	0.01	Mann-W
Zinc (mg/L)	GWC-21	2.485	No	0.01	Mann-W
Zinc (mg/L)	GWC-22	0.8763	No	0.01	Mann-W
Zinc (mg/L)	GWC-23	1.624	No	0.01	Mann-W
Zinc (mg/L)	GWC-5	1.463	No	0.01	Mann-W
Zinc (mg/L)	GWC-6	1.137	No	0.01	Mann-W
Zinc (mg/L)	GWC-7	-0.5964	No	0.01	Mann-W
Zinc (mg/L)	GWC-8	1.158	No	0.01	Mann-W
Zinc (mg/L)	GWC-9	1.301	No	0.01	Mann-W



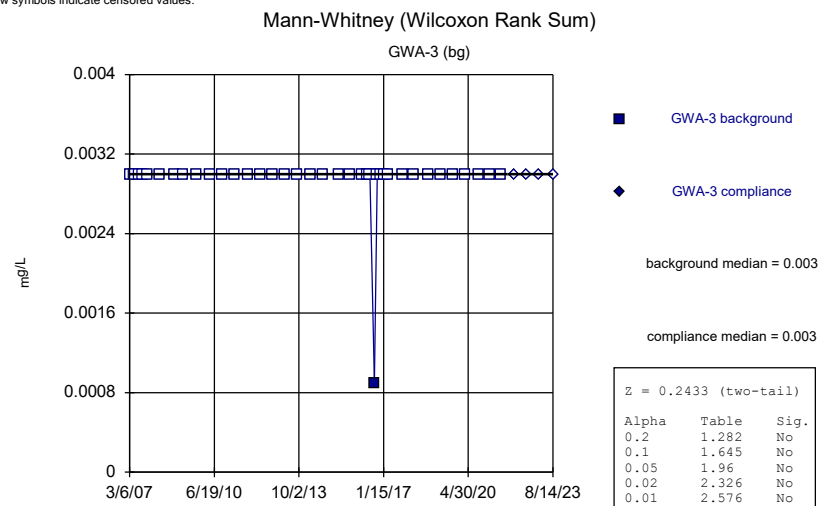
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Plant Hammond Data: Huffaker Road Landfill



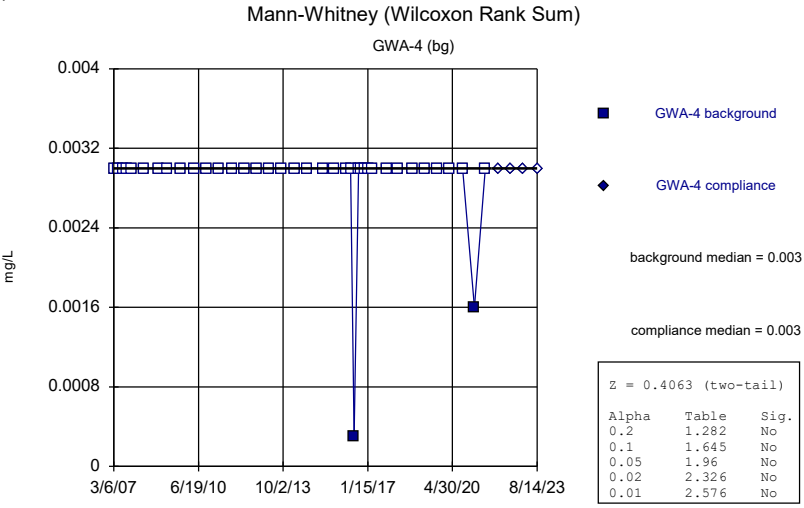
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Plant Hammond Data: Huffaker Road Landfill



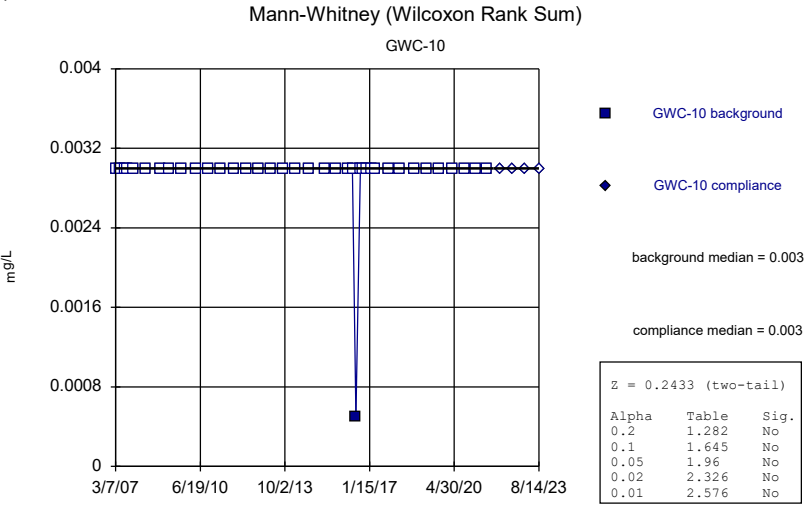
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Plant Hammond Data: Huffaker Road Landfill



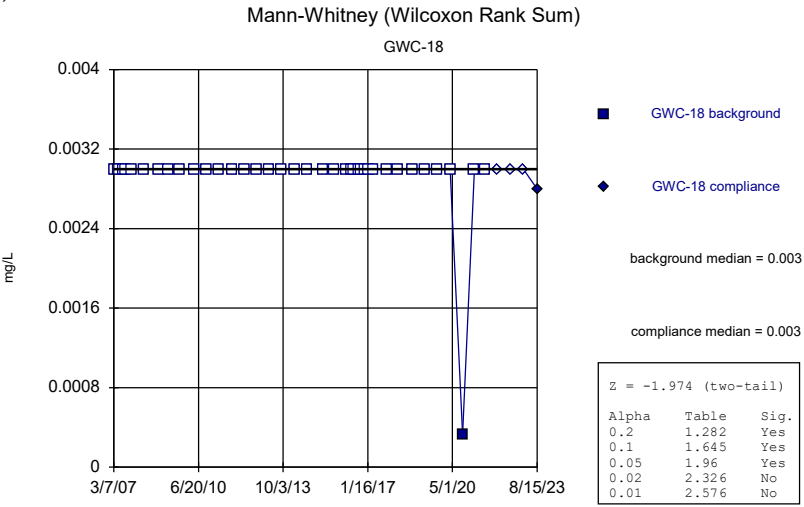
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Plant Hammond Data: Huffaker Road Landfill



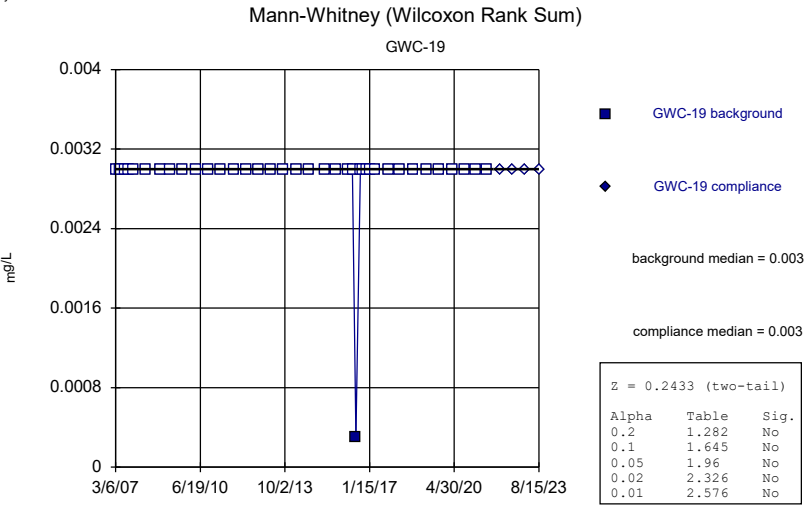
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Plant Hammond Data: Huffaker Road Landfill



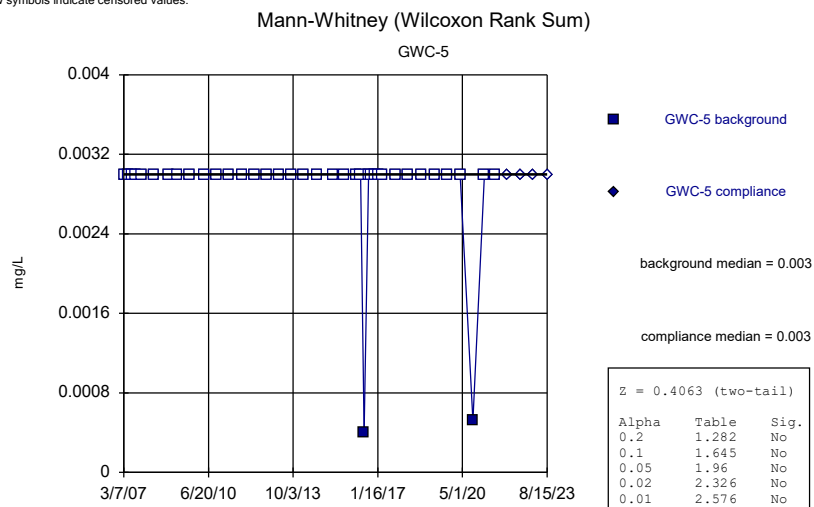
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Plant Hammond Data: Huffaker Road Landfill



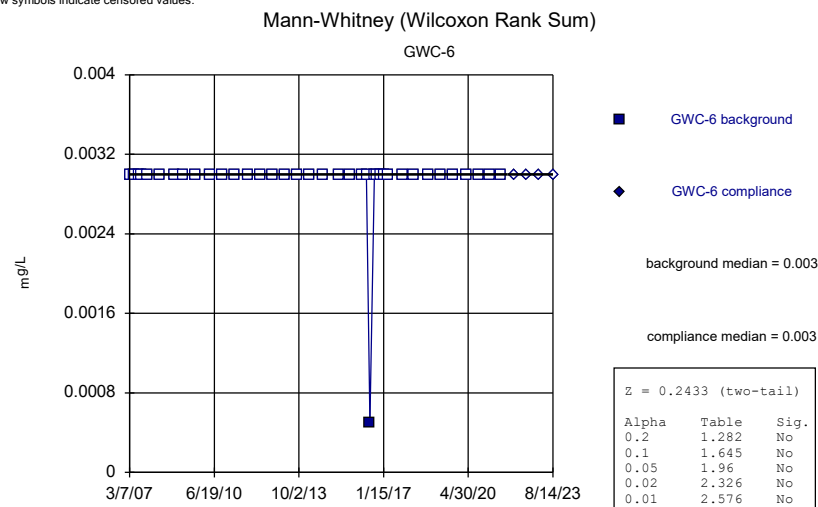
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Plant Hammond Data: Huffaker Road Landfill



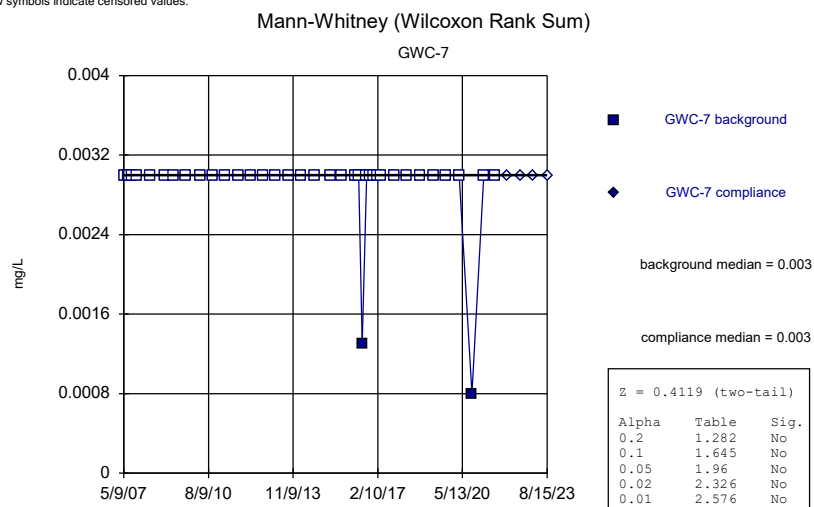
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Plant Hammond Data: Huffaker Road Landfill



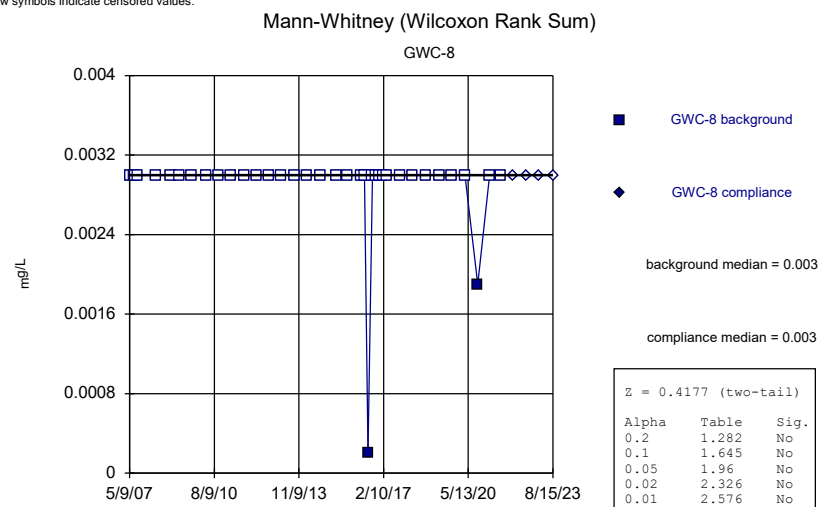
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Plant Hammond Data: Huffaker Road Landfill



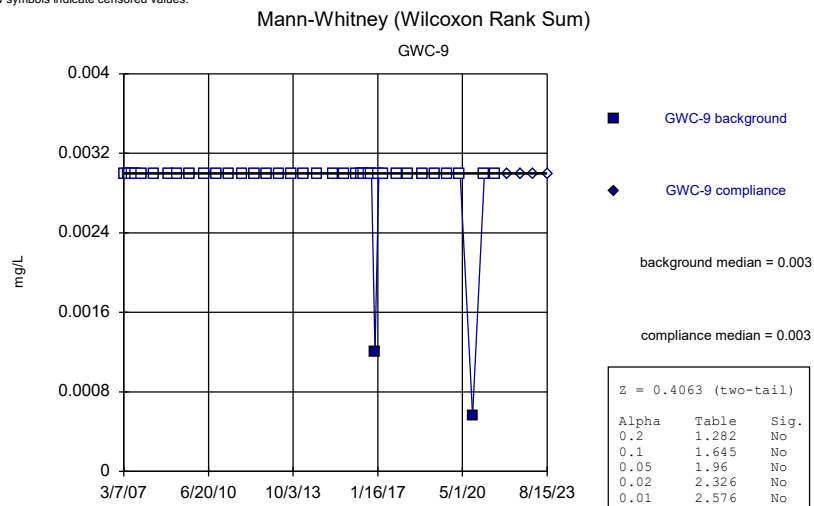
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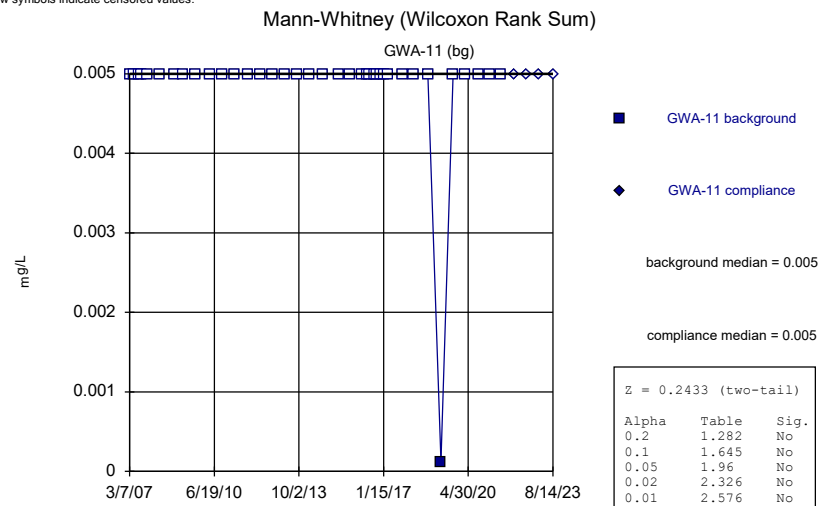
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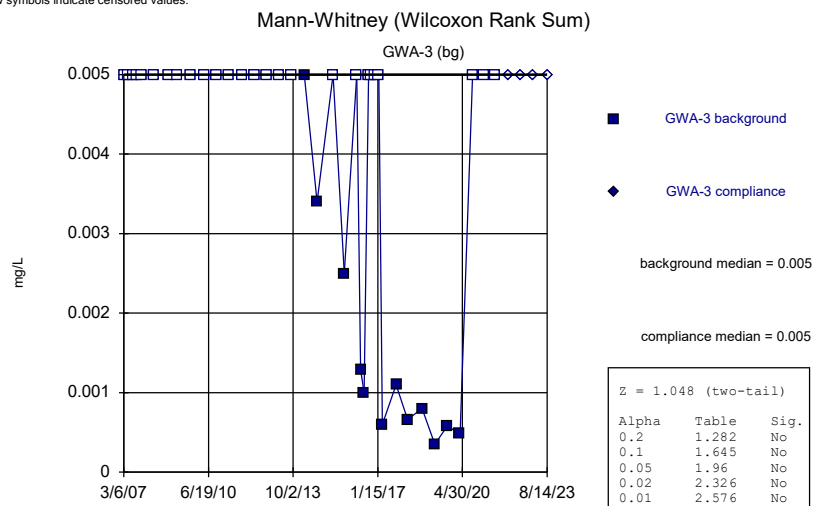
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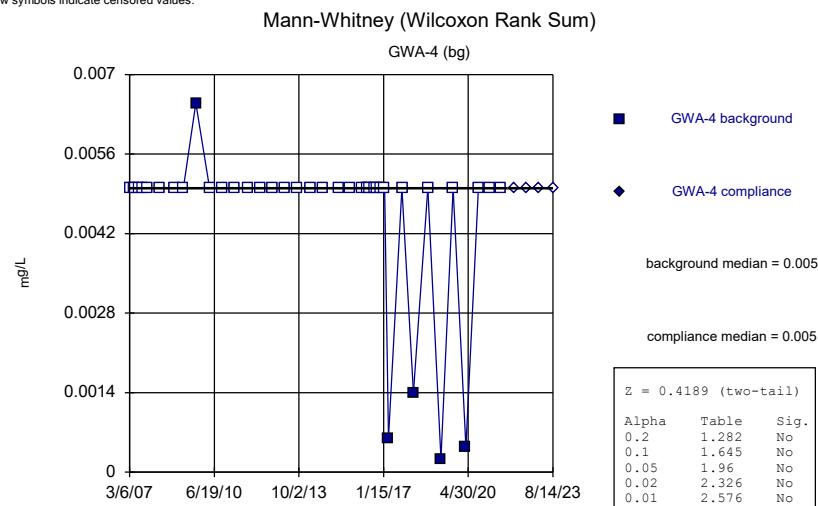
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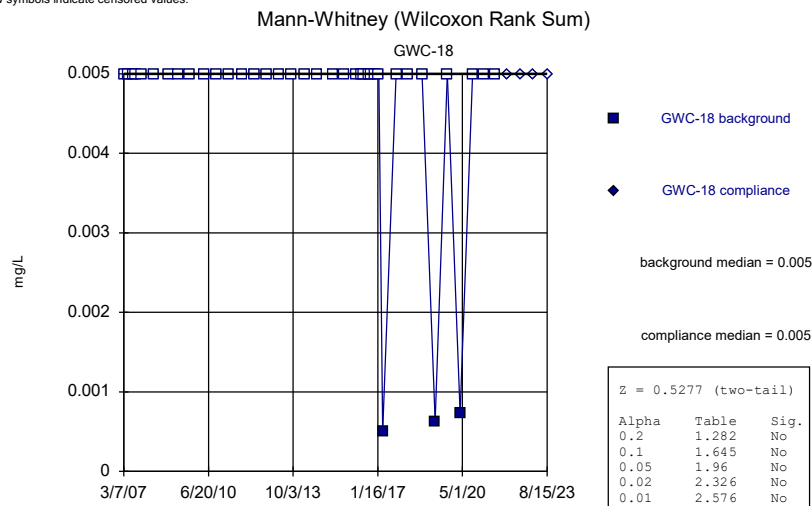
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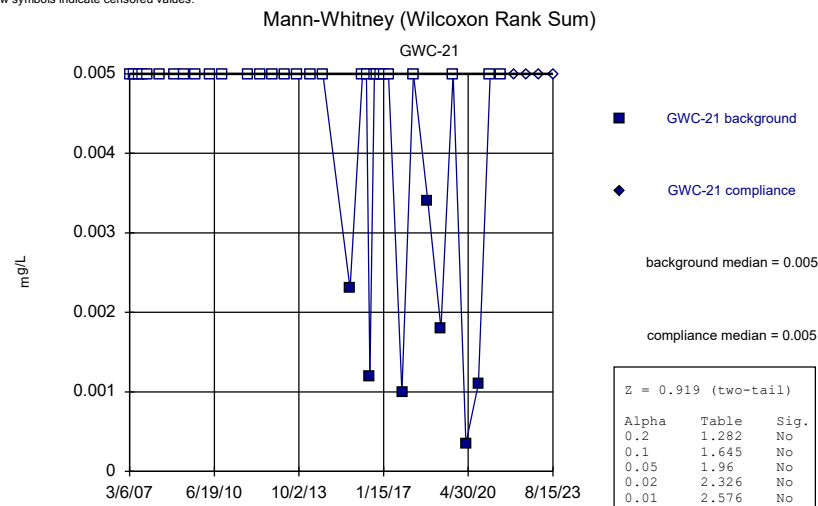
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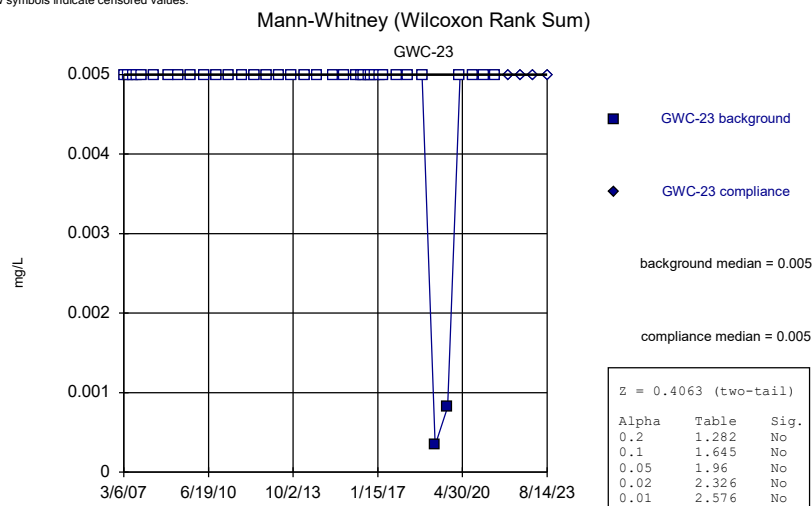
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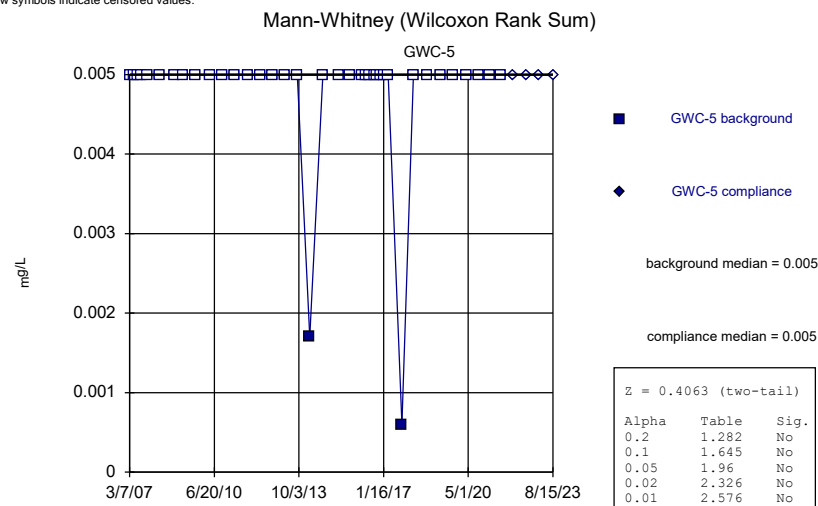
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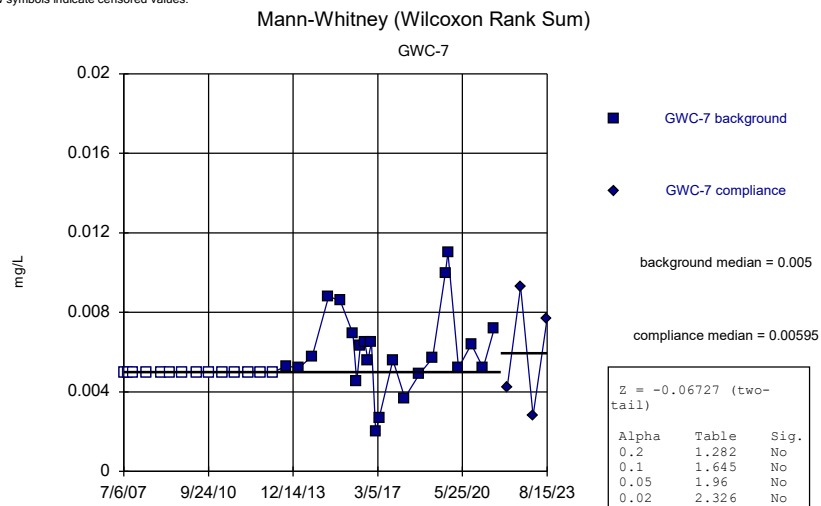
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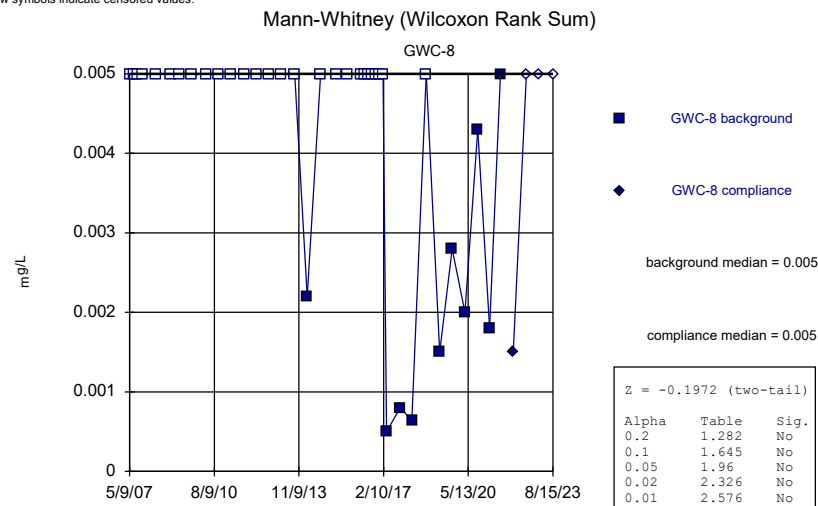
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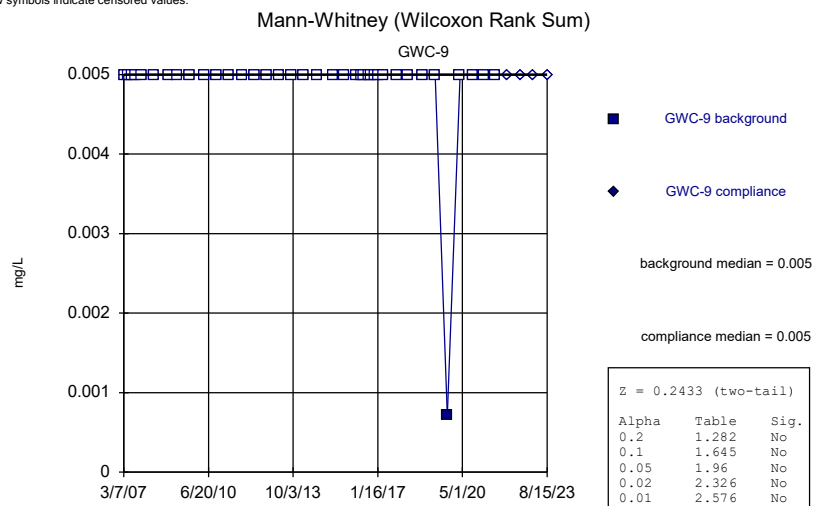
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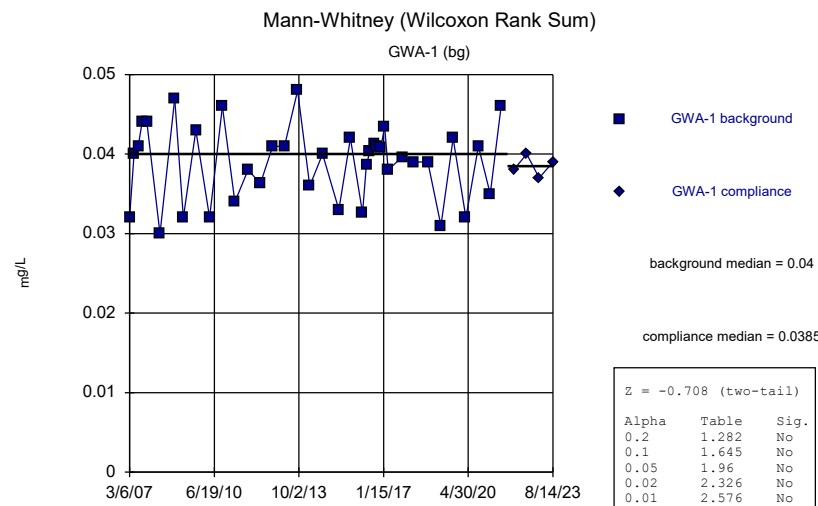
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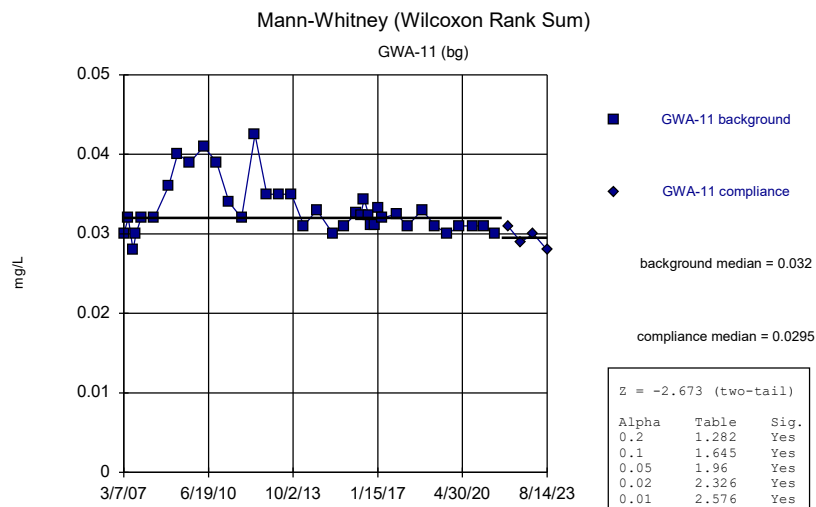
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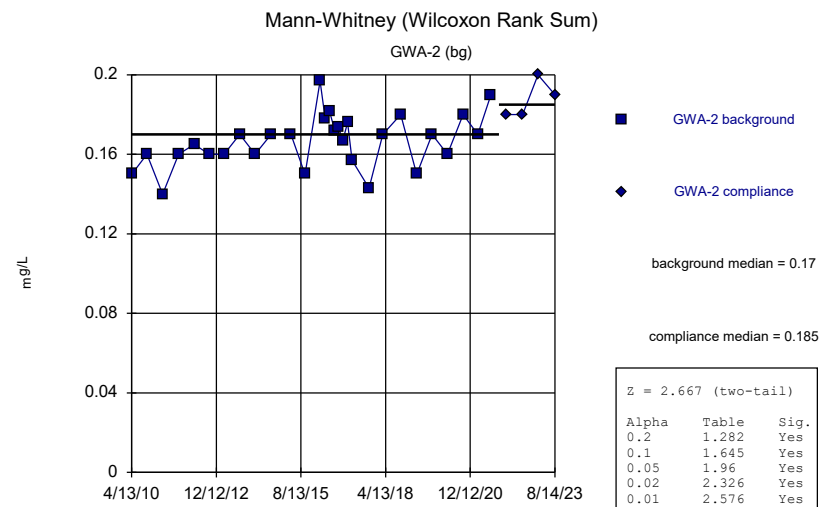
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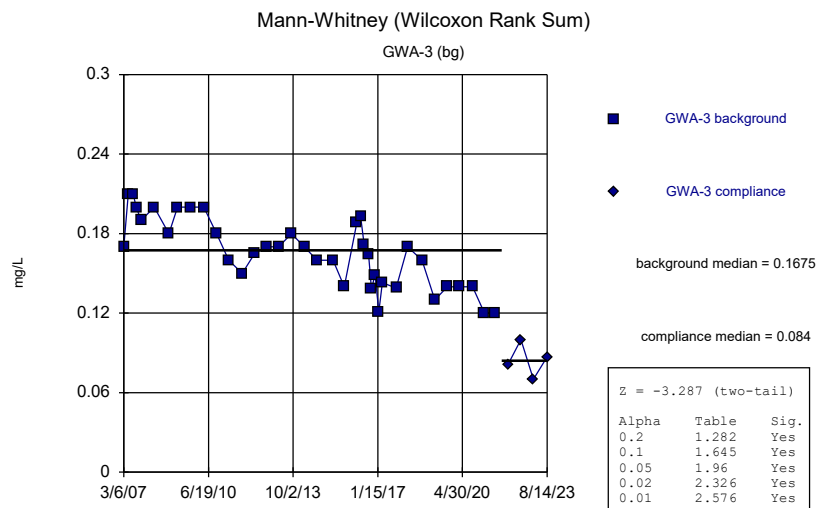
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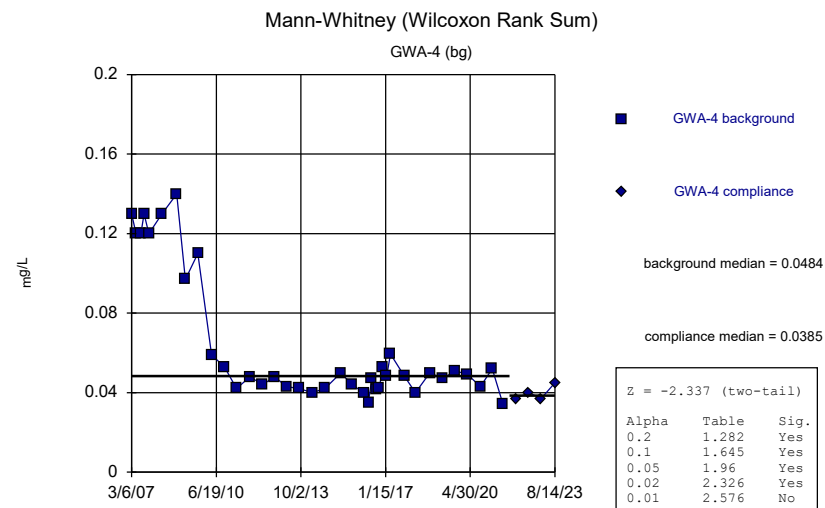
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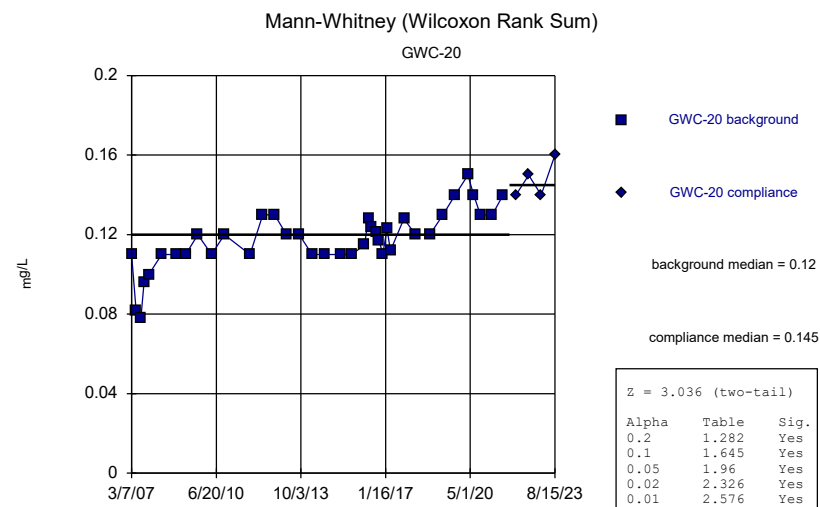
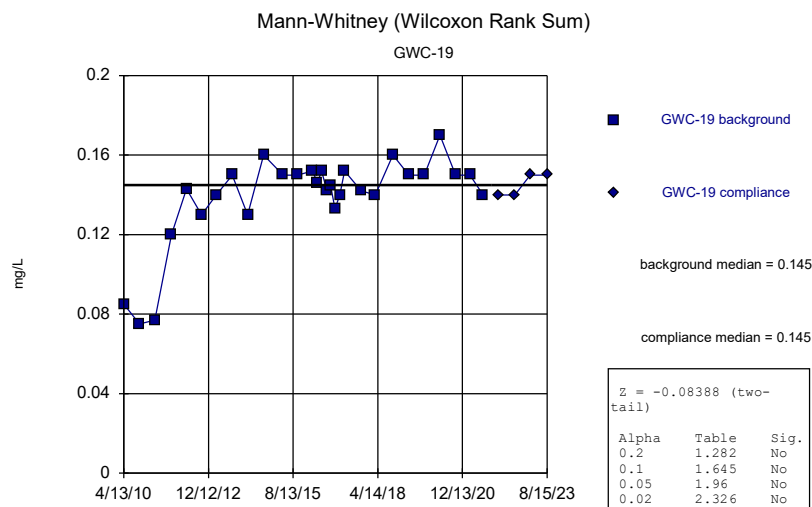
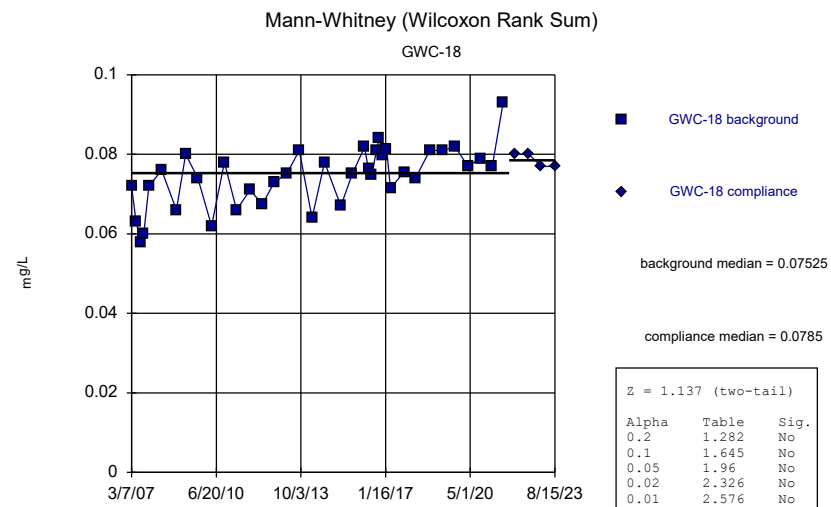
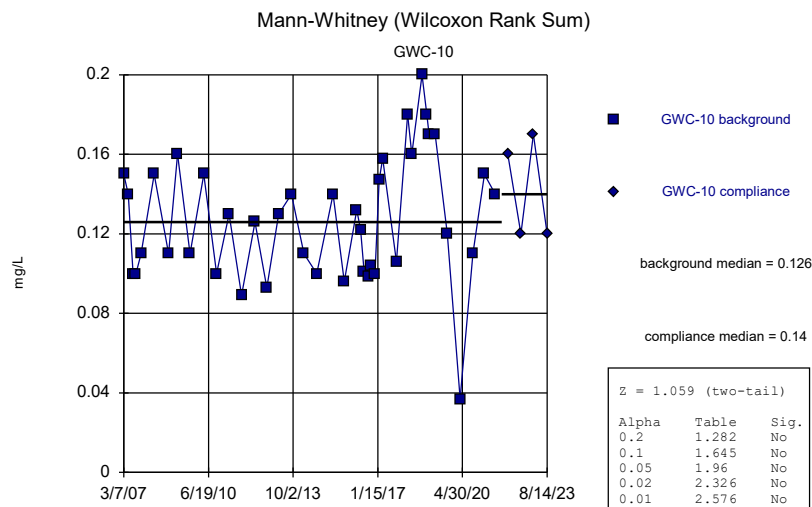
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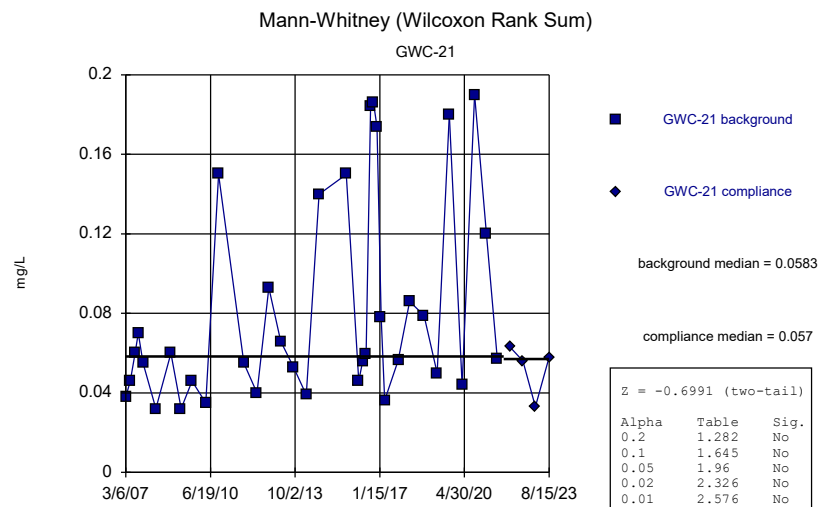


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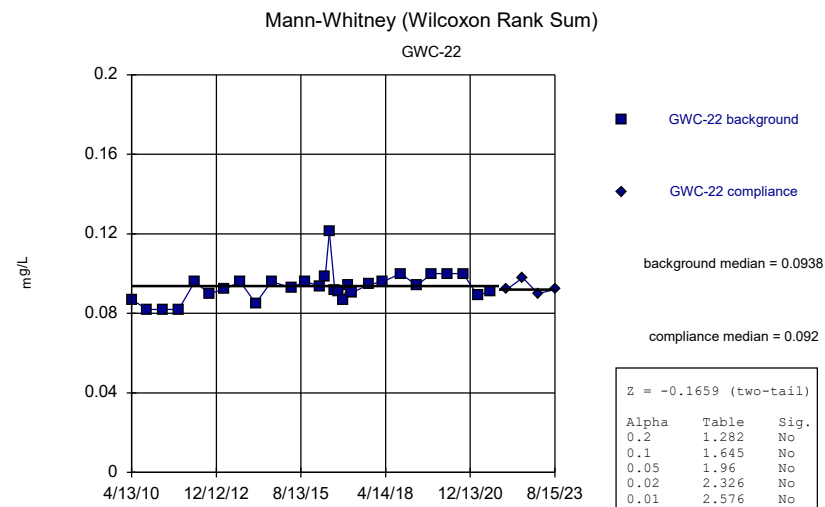


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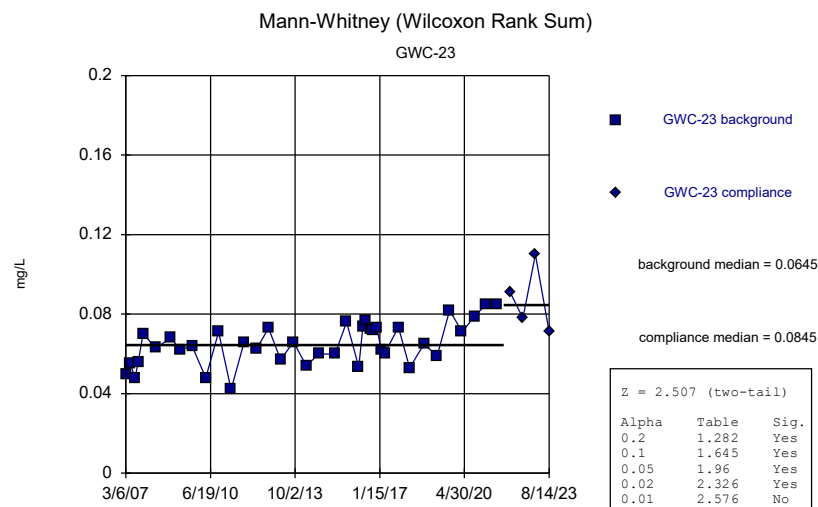




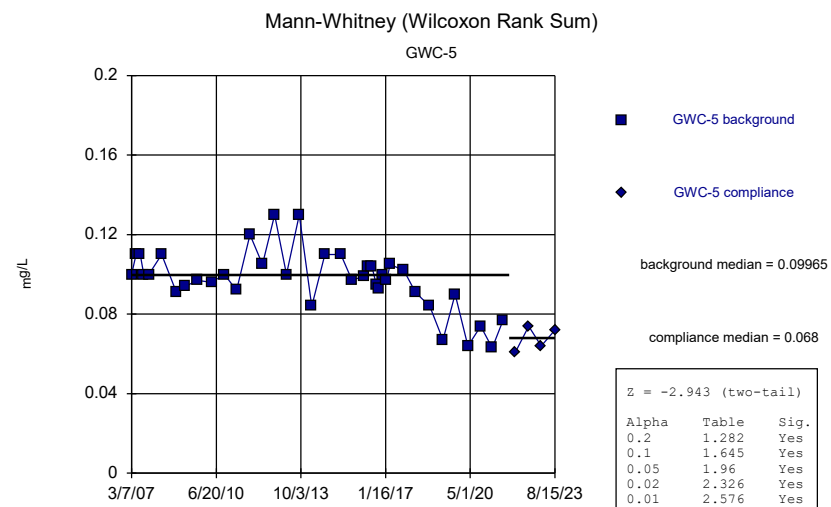
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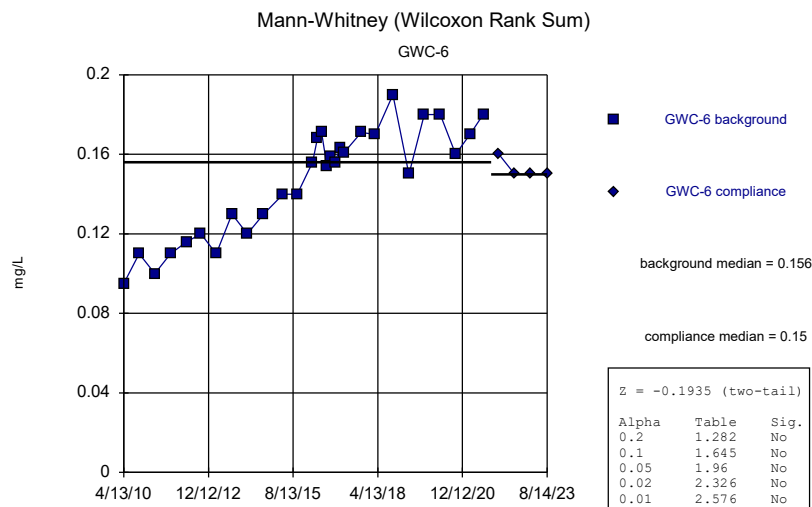
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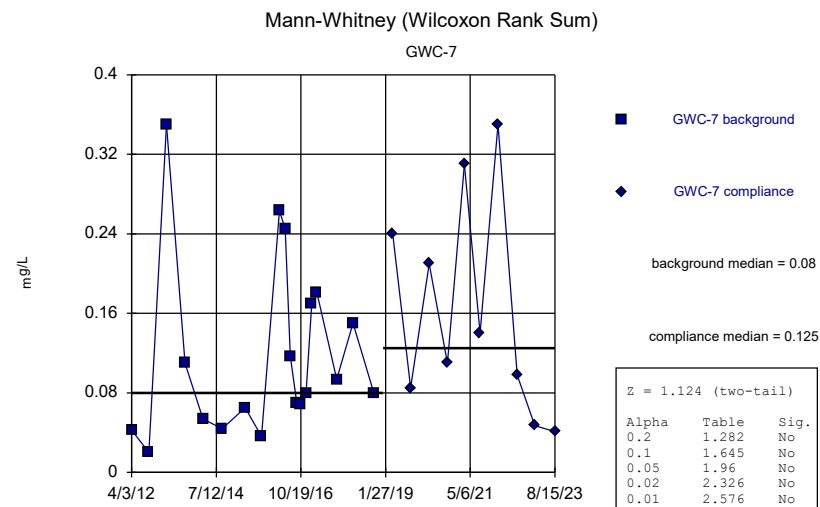
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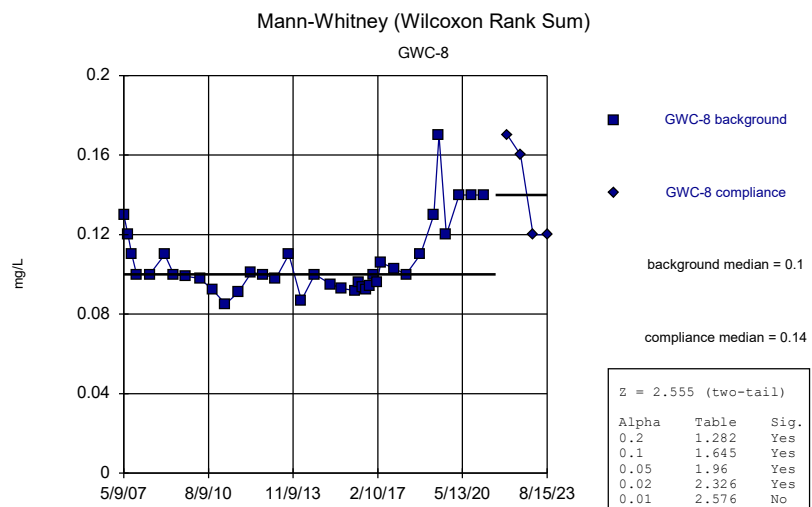
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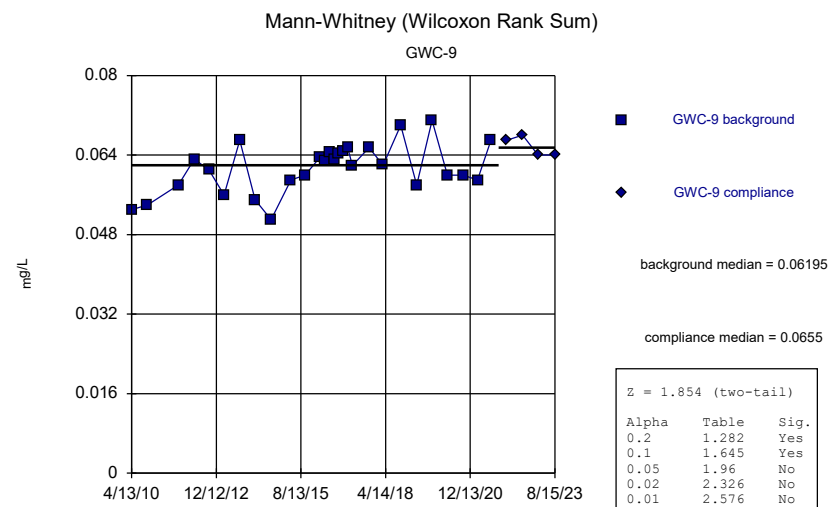
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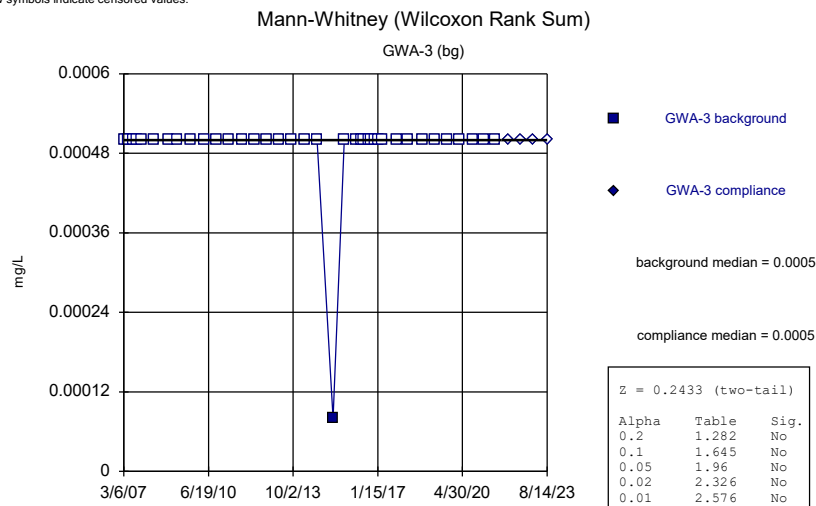
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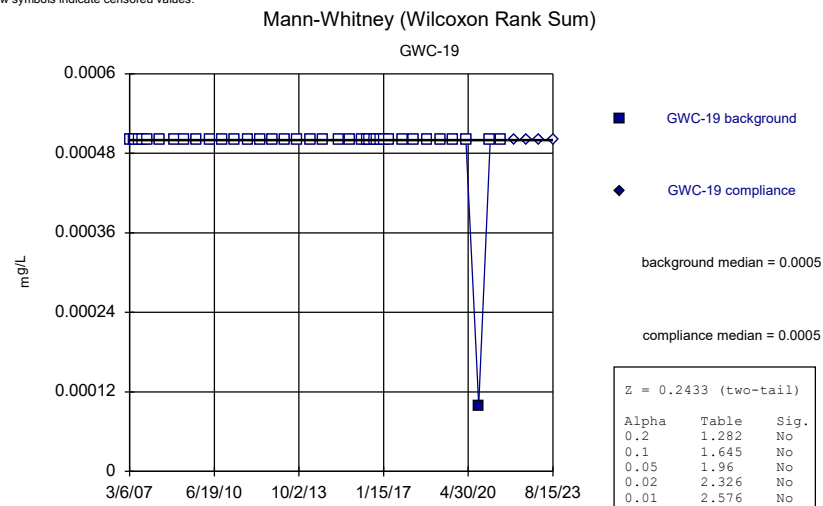
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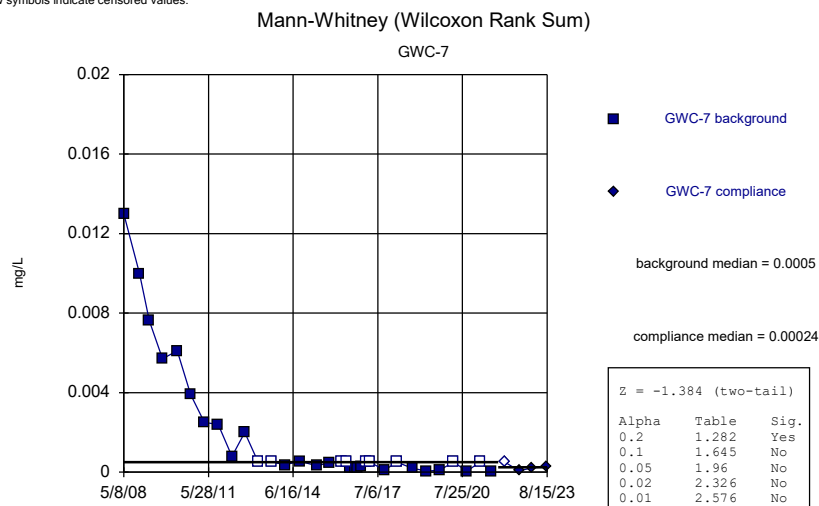
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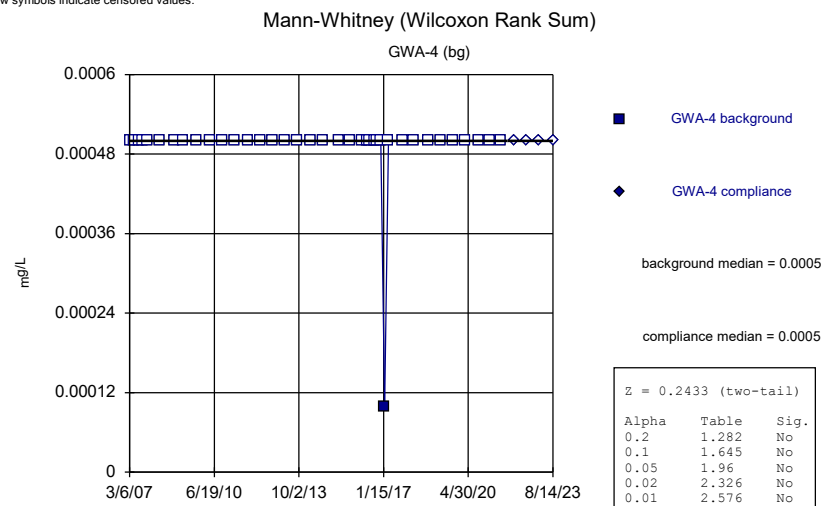
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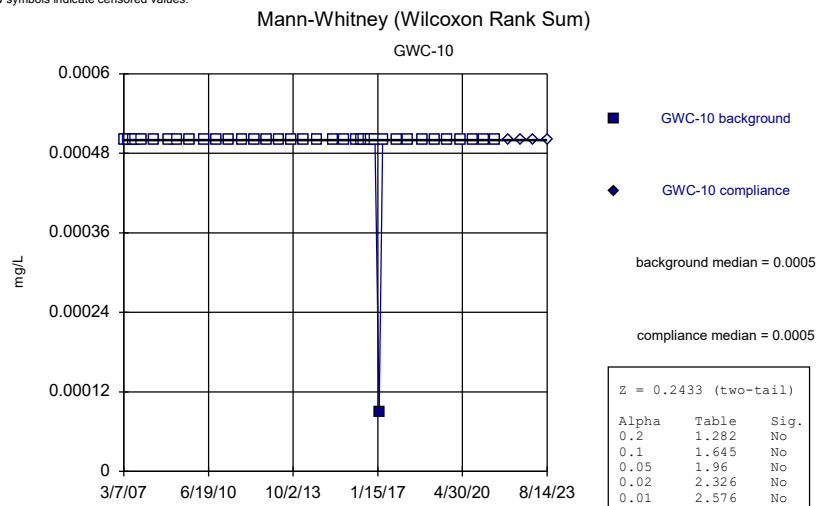
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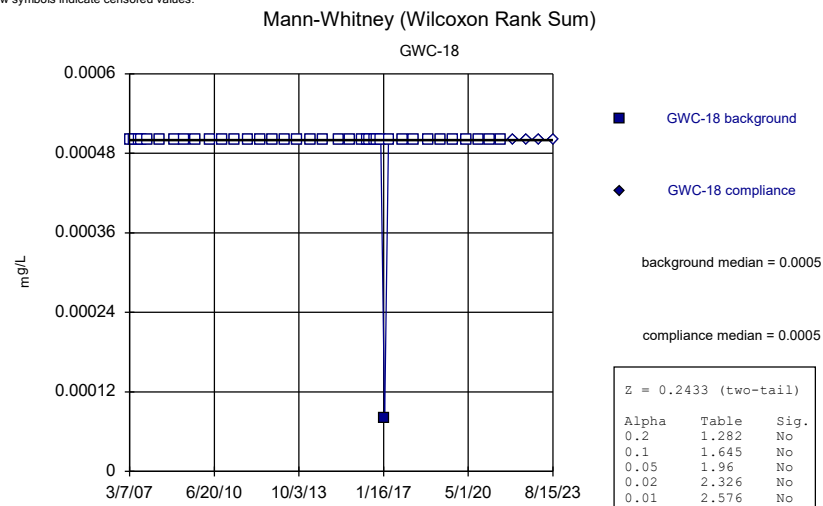
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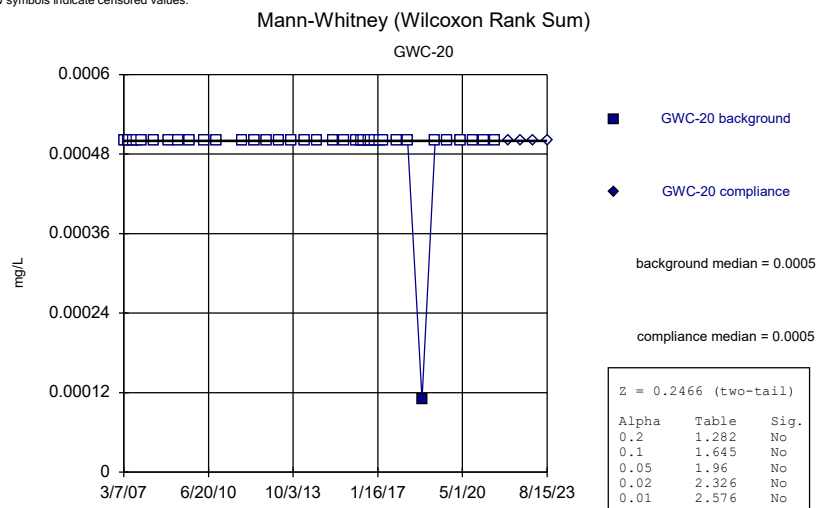
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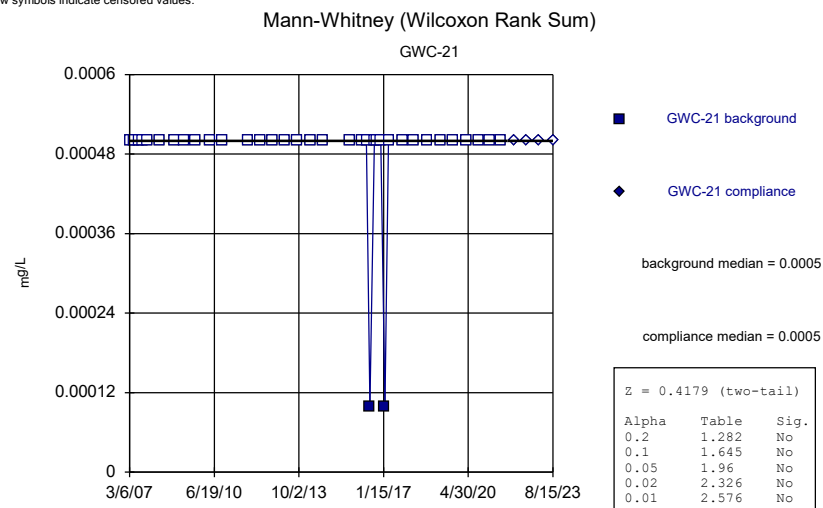
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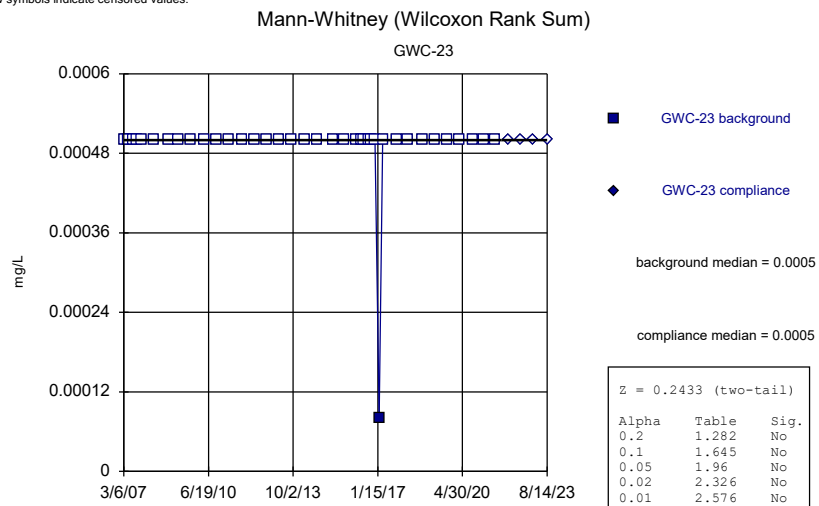
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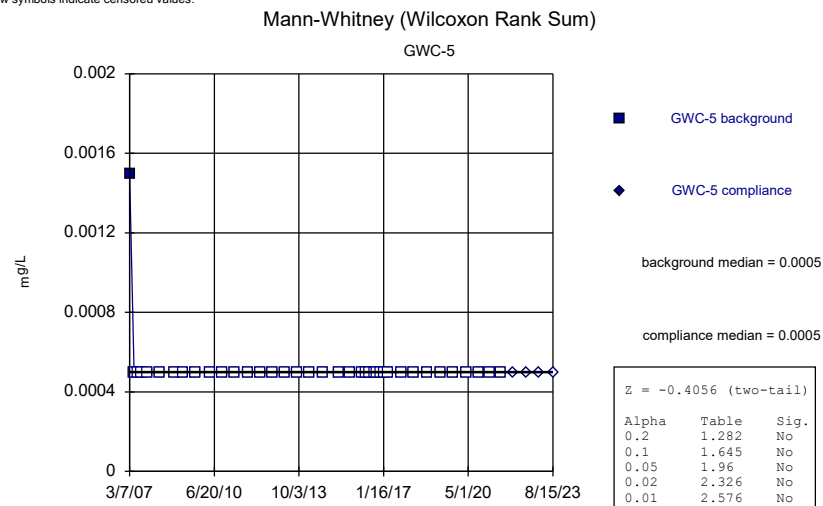
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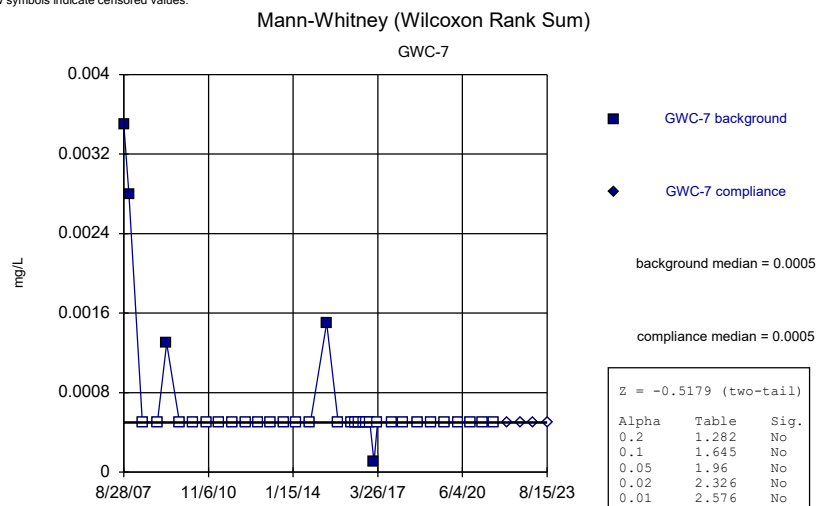
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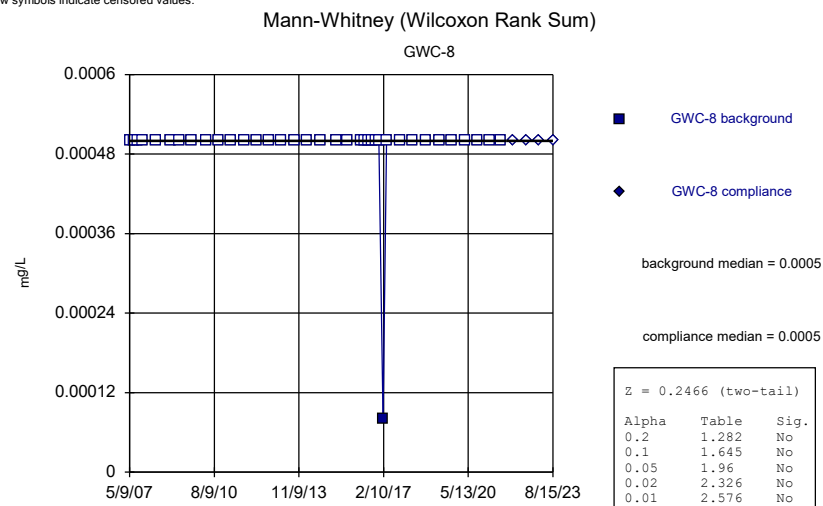
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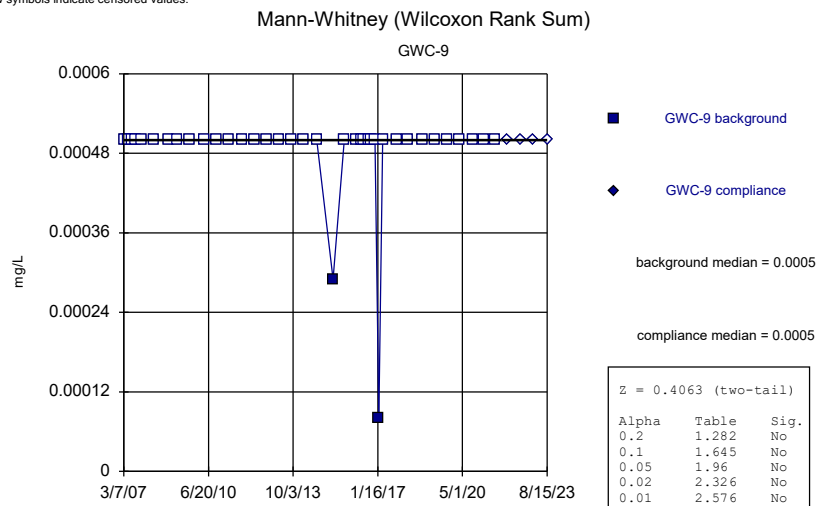
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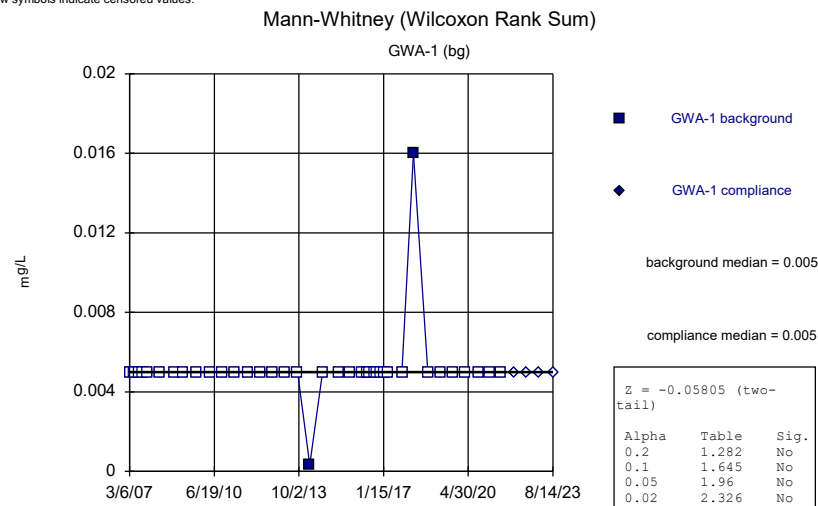
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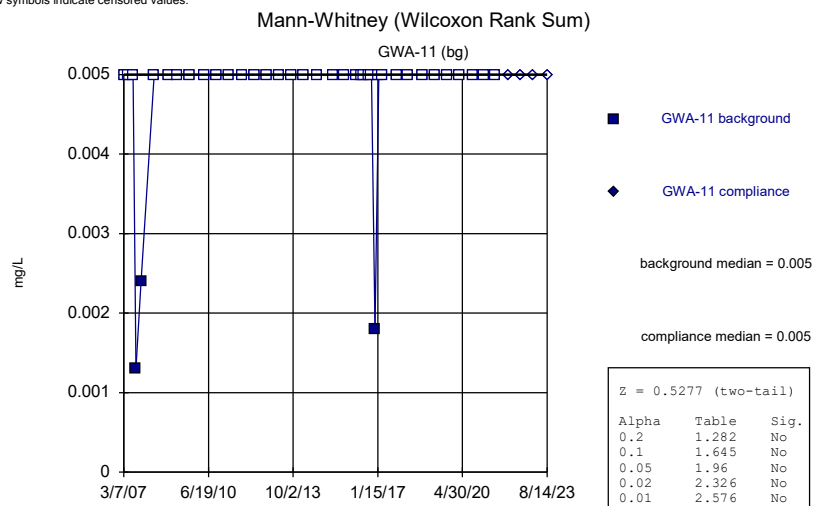
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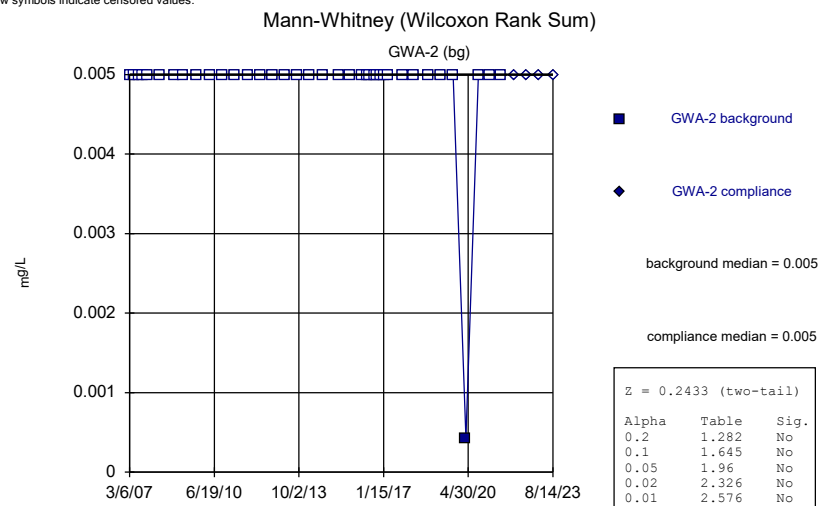
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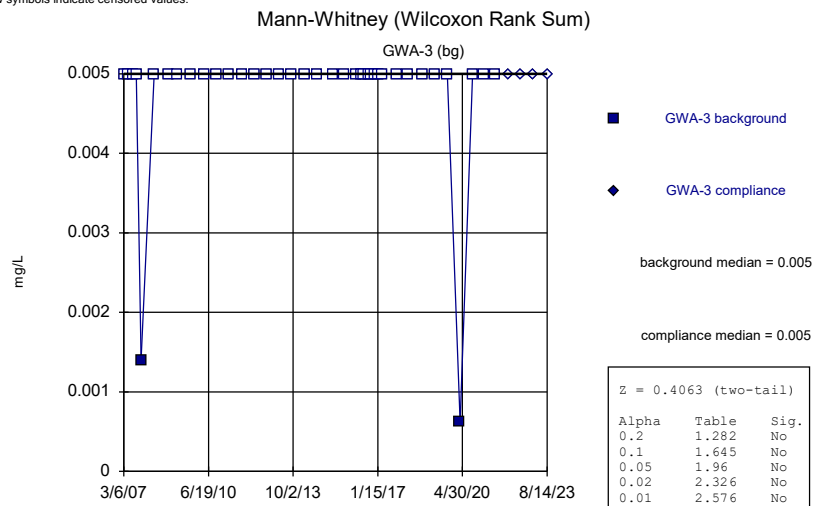
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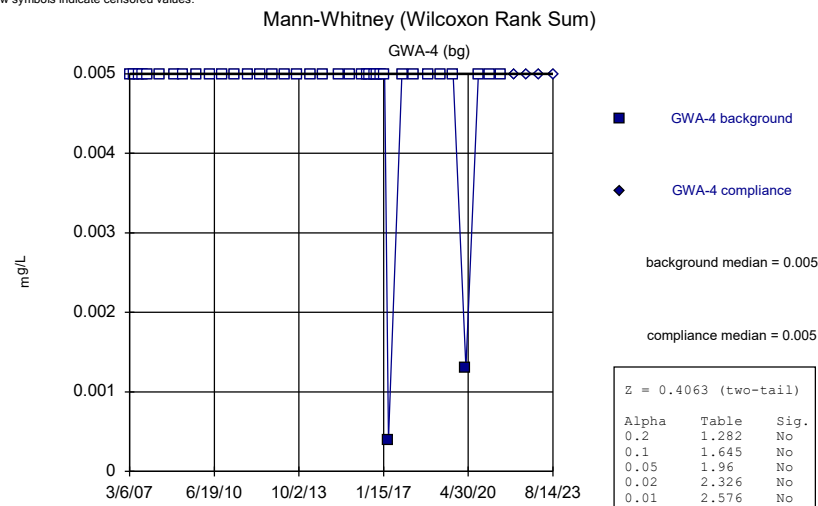
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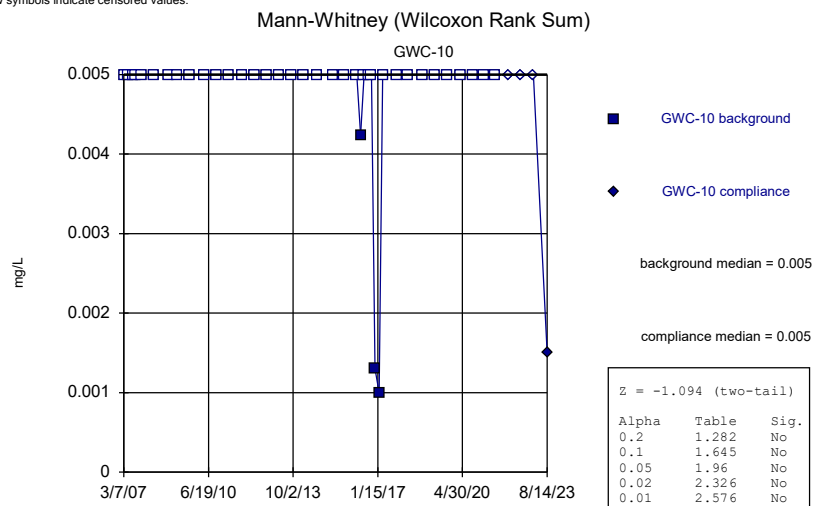
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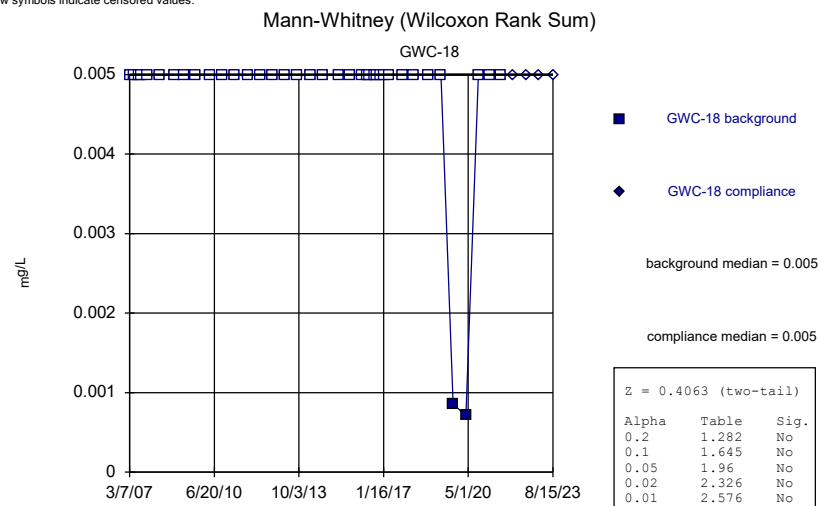
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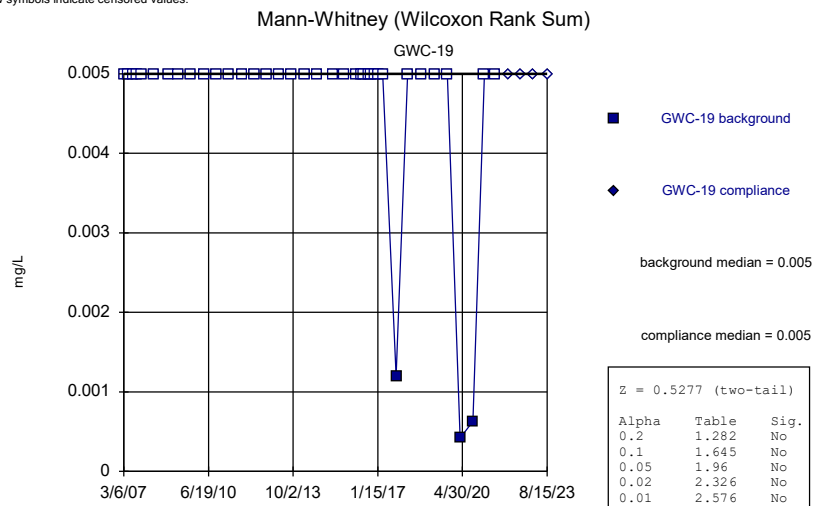
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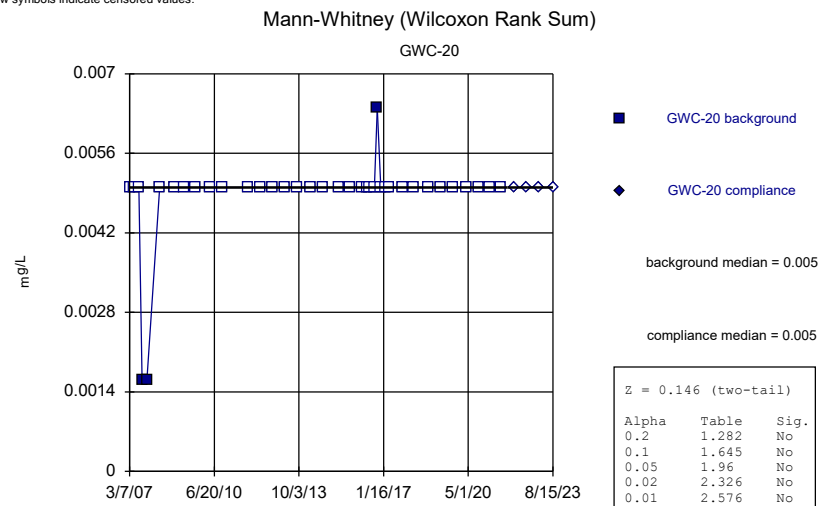
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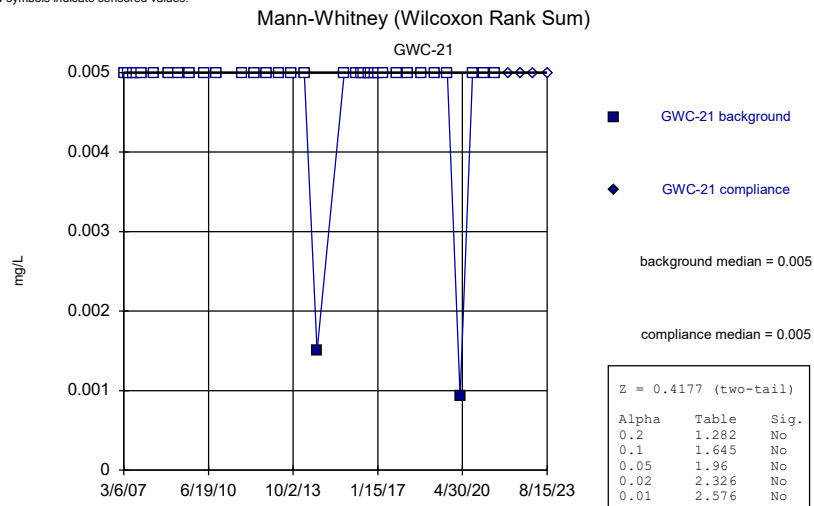
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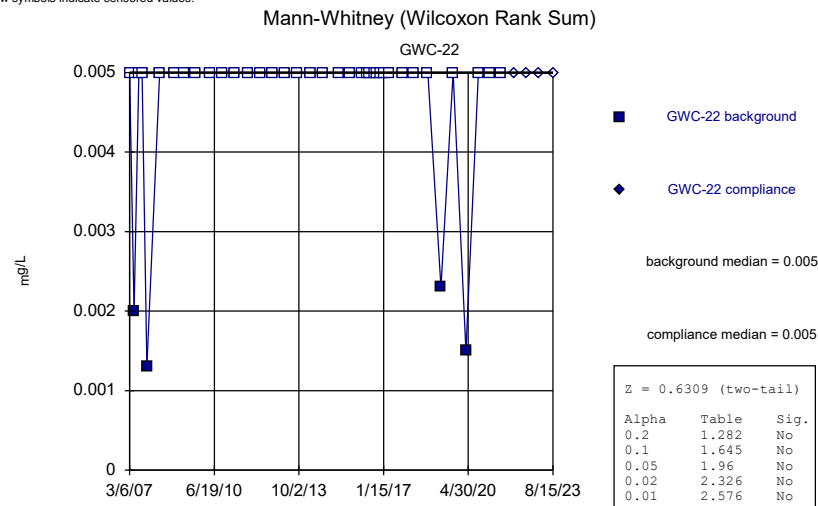
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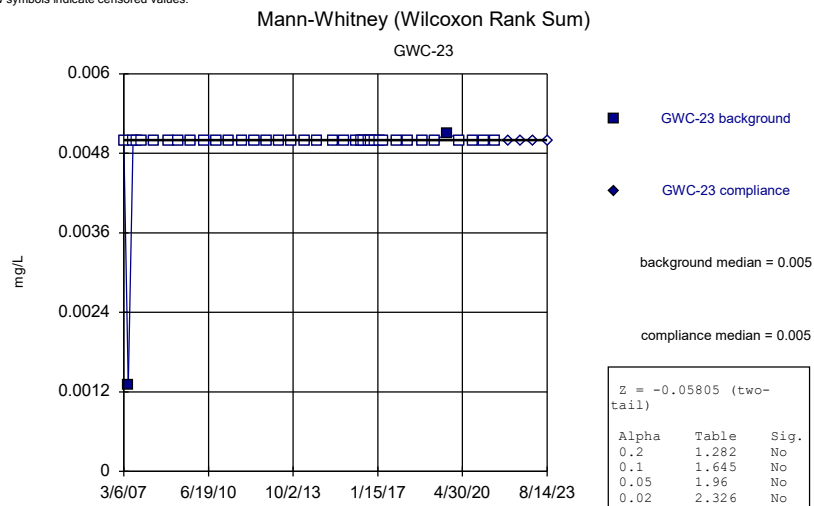
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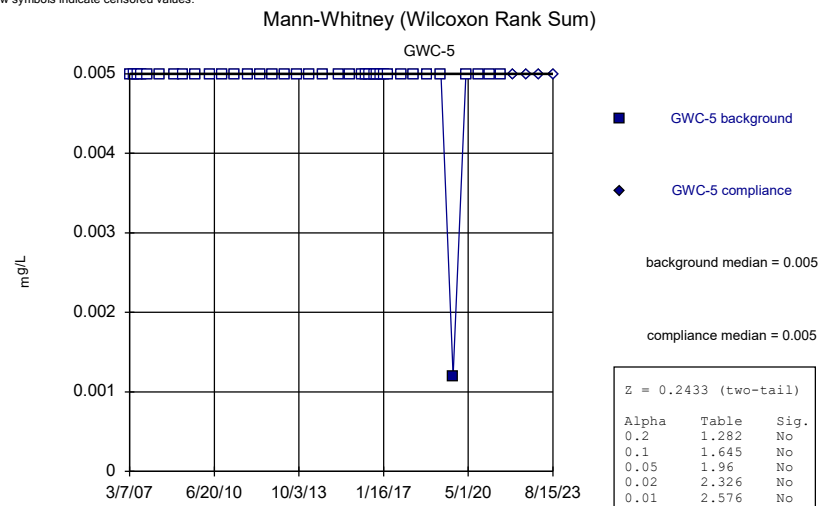
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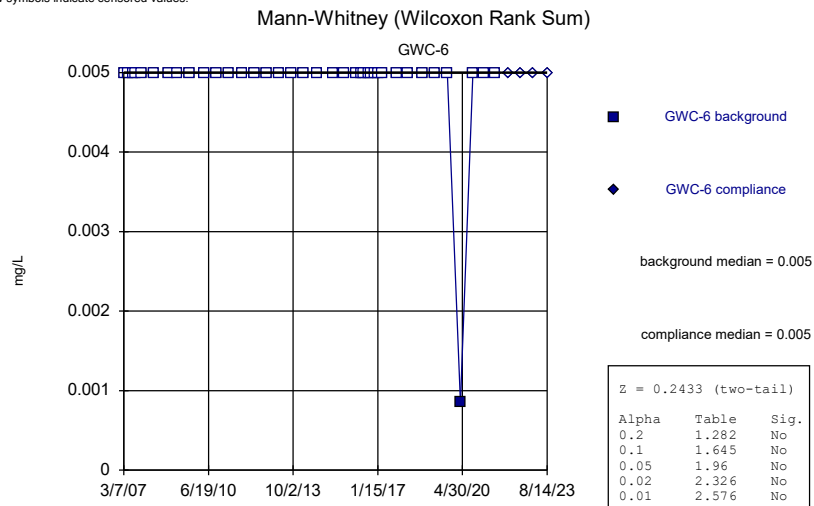
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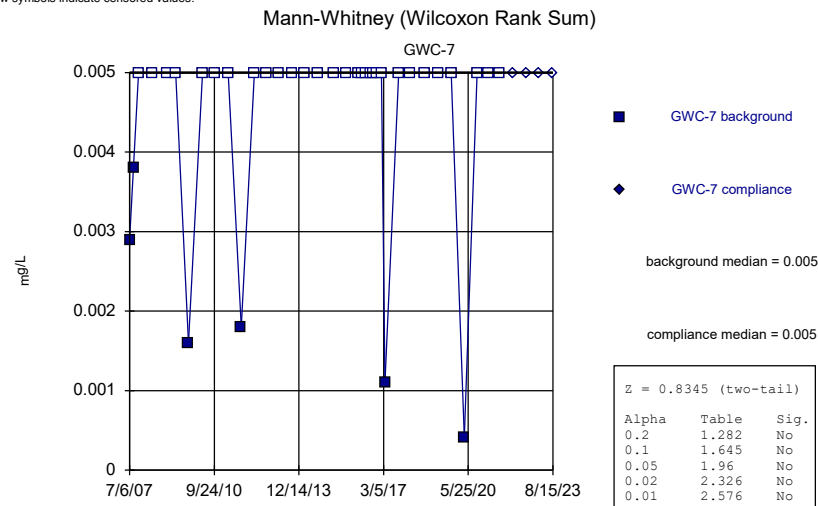
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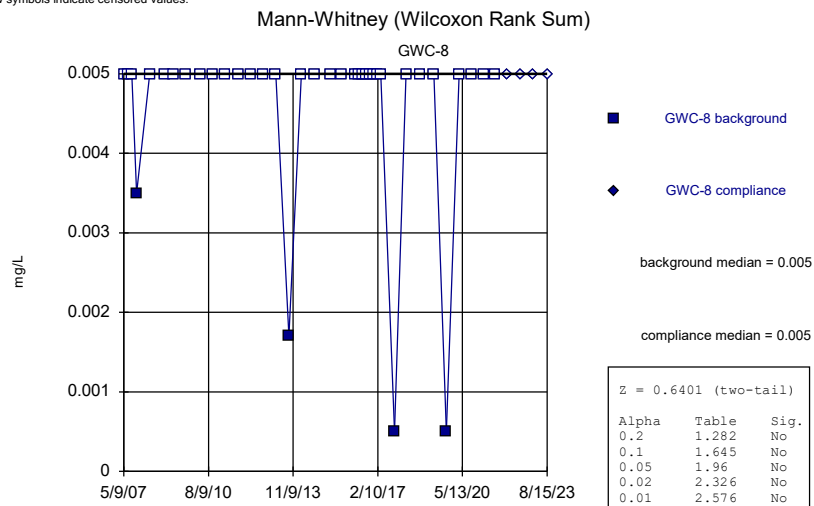
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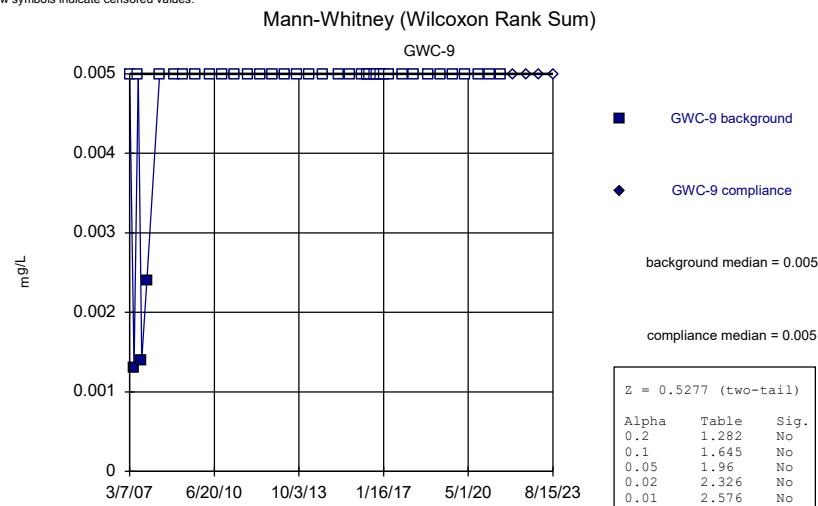
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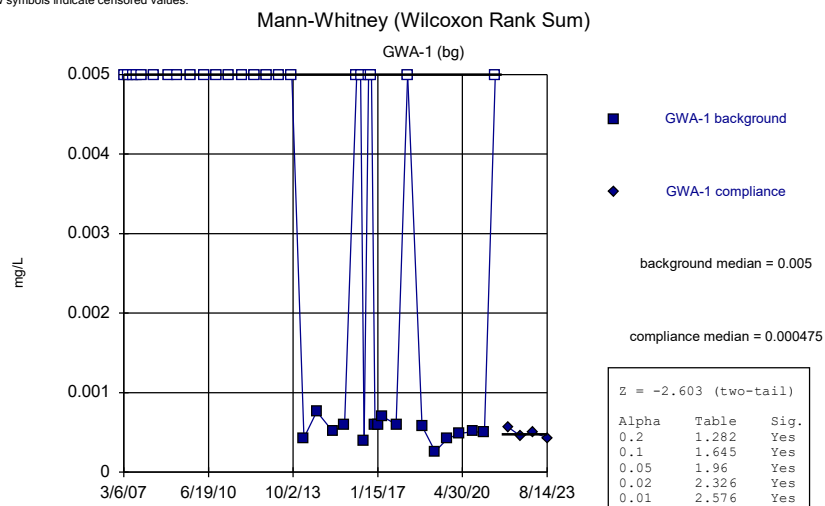
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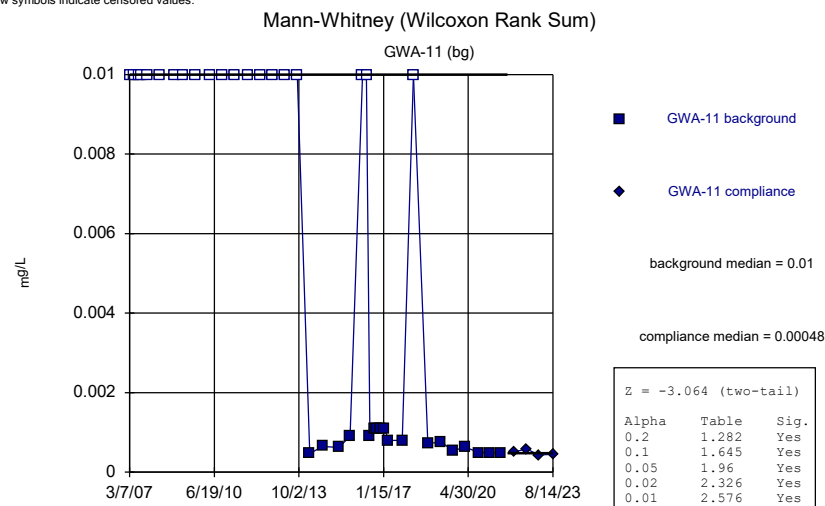
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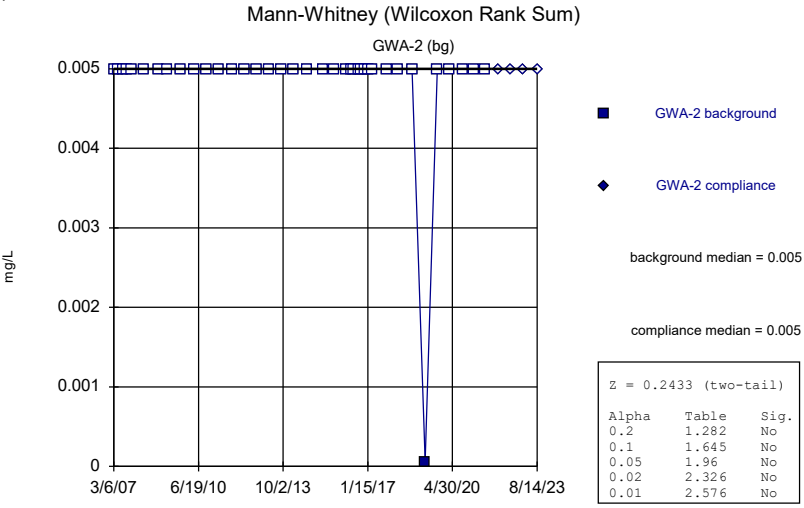
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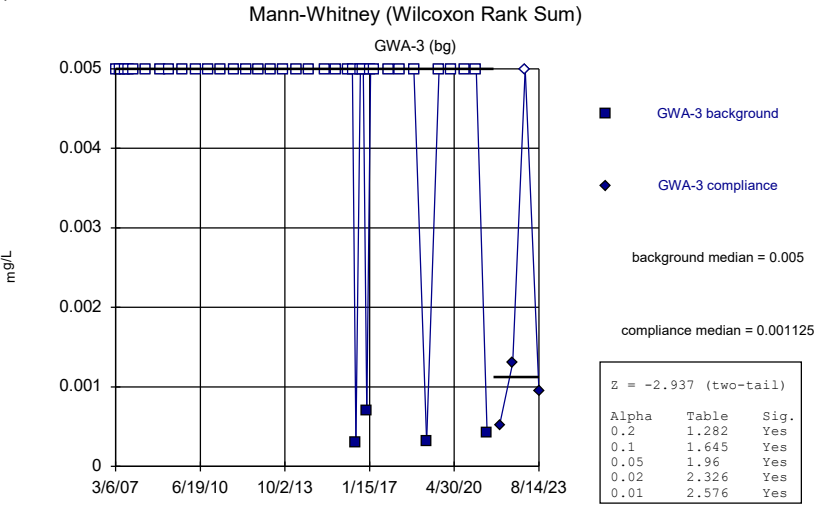
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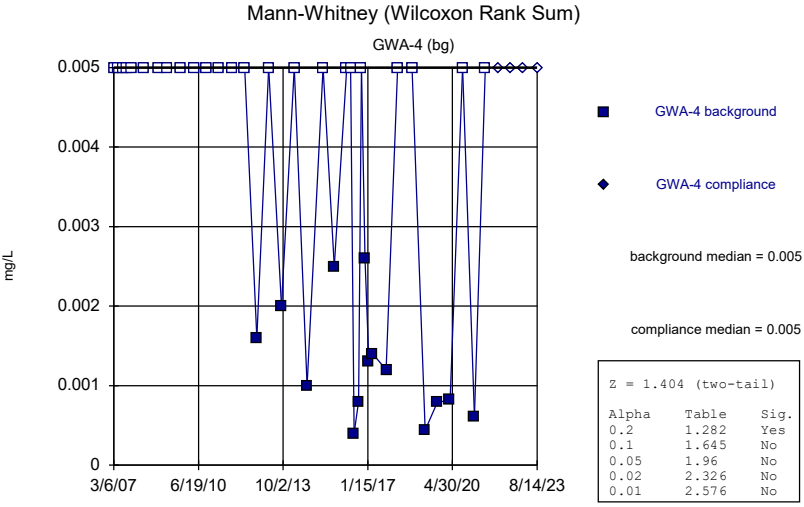
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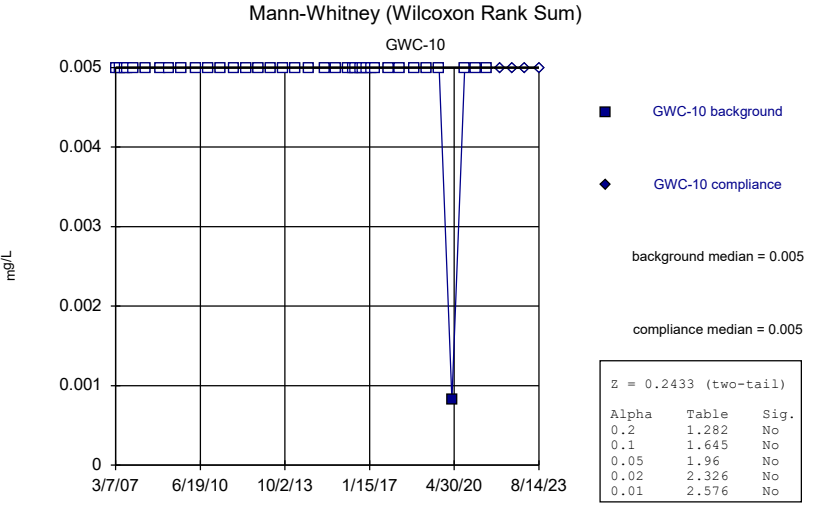
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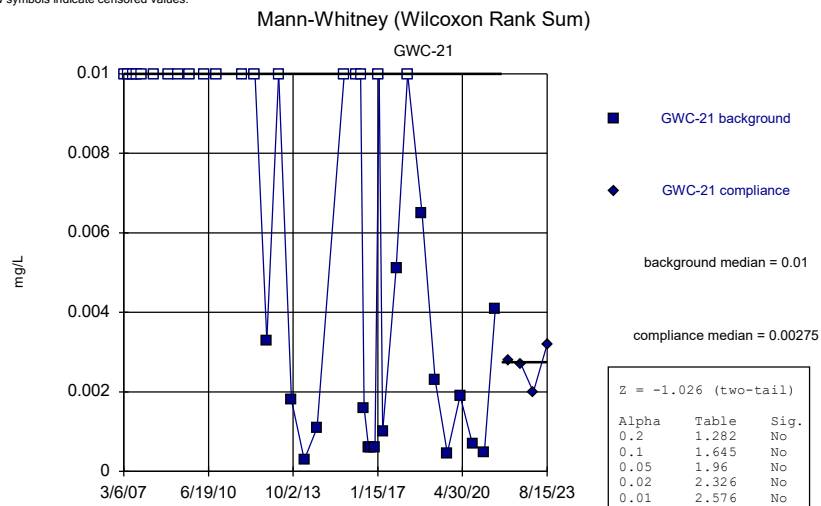
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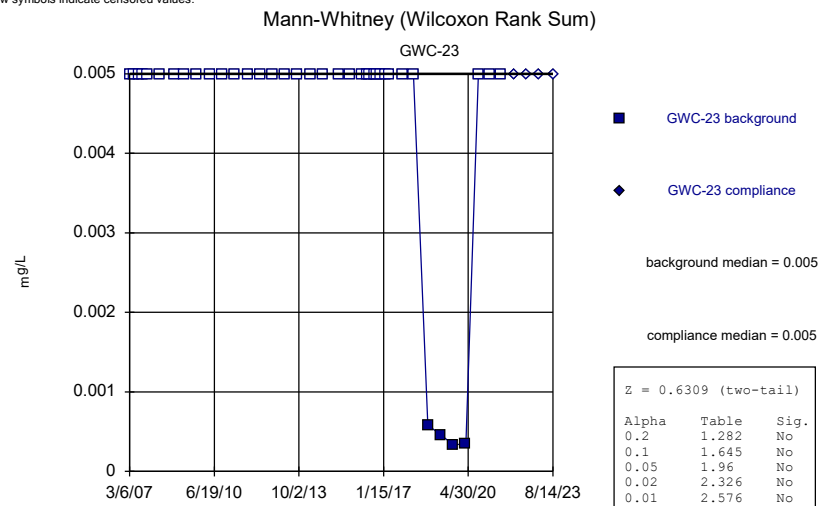
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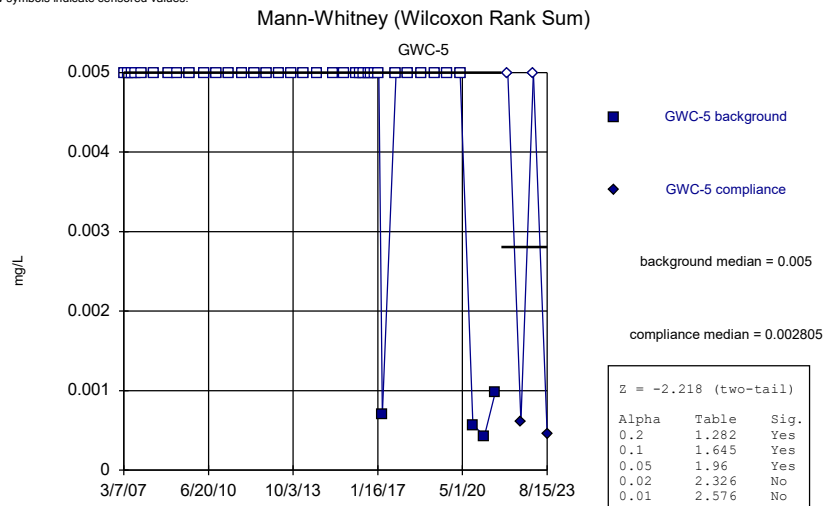
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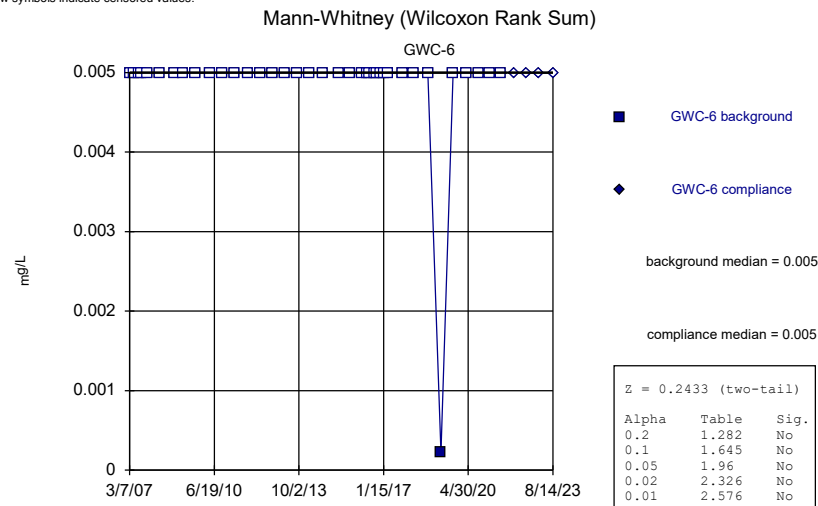
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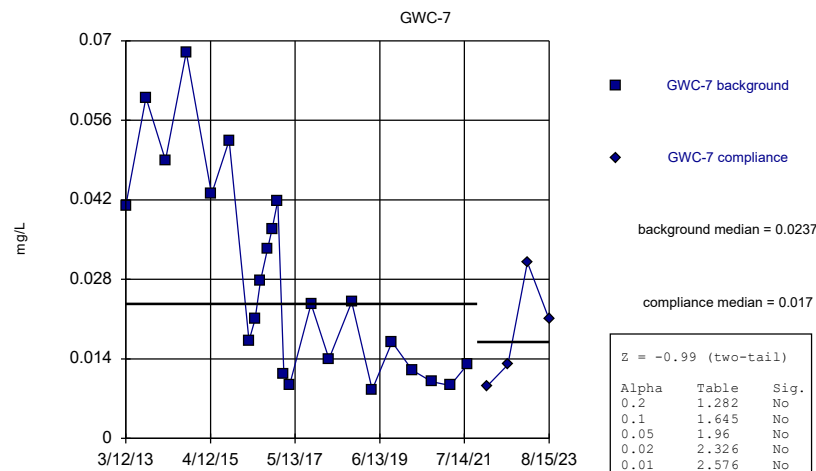


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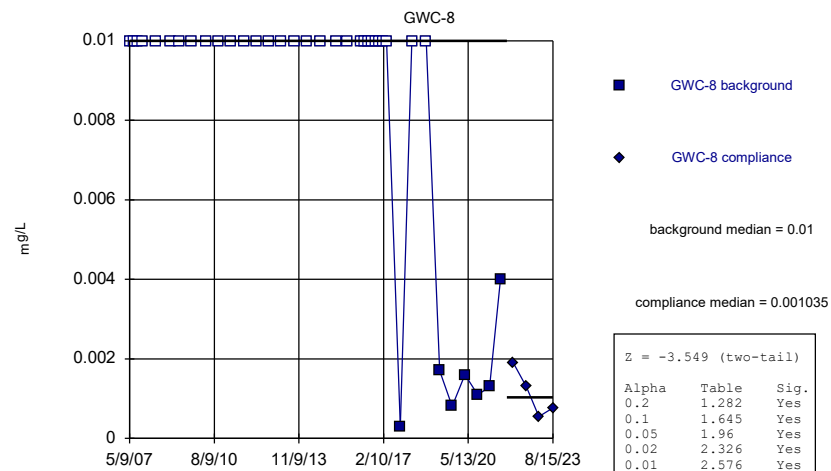
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Plant Hammond Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



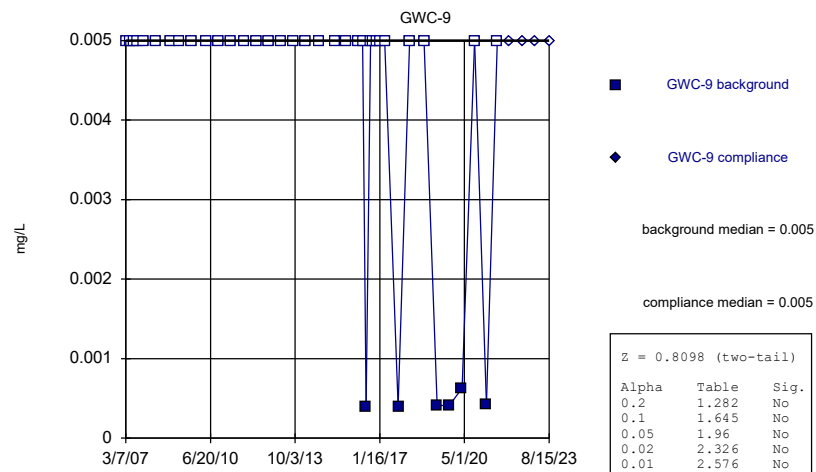
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Plant Hammond Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



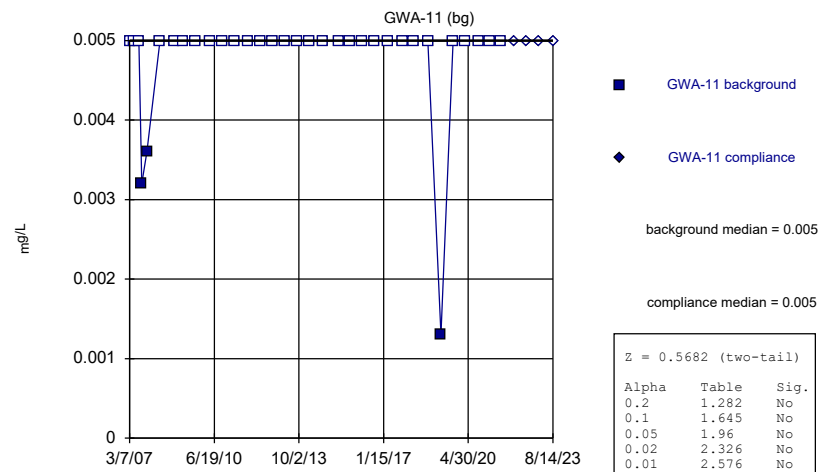
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Plant Hammond Data: Huffaker Road Landfill

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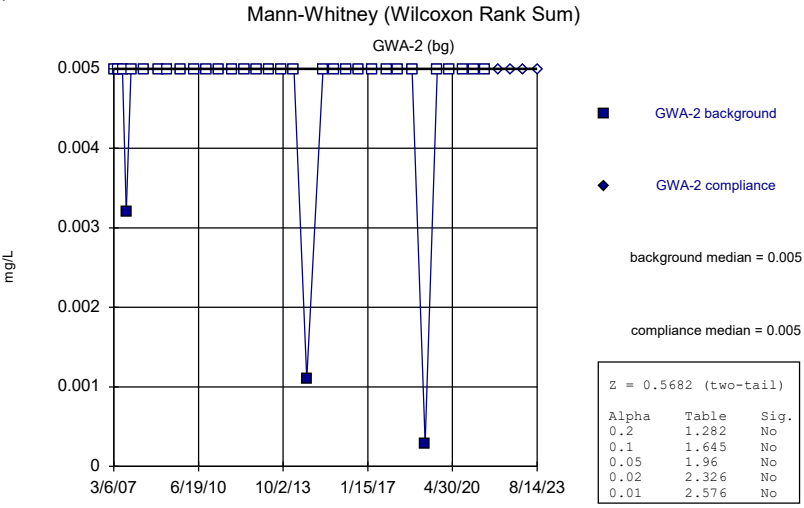


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Plant Hammond Data: Huffaker Road Landfill

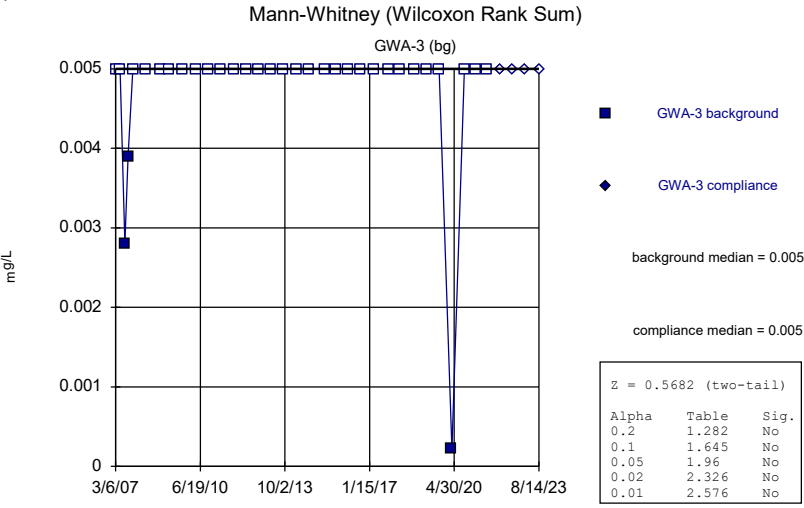
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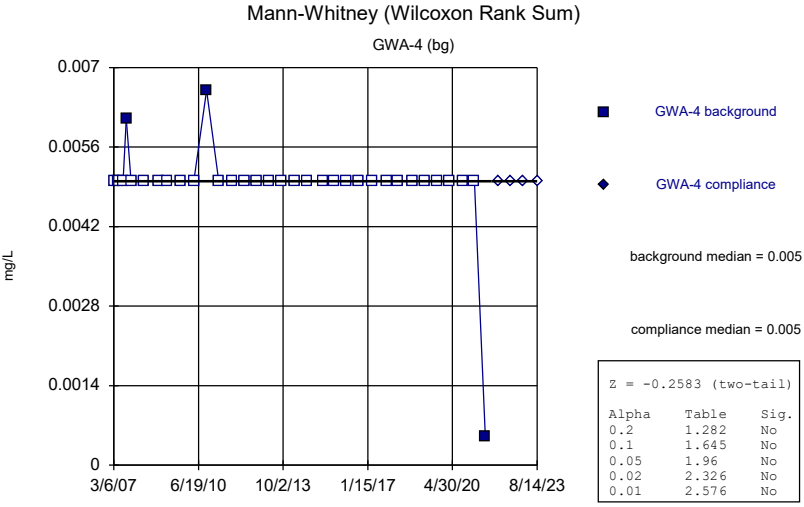
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Plant Hammond Data: Huffaker Road Landfill



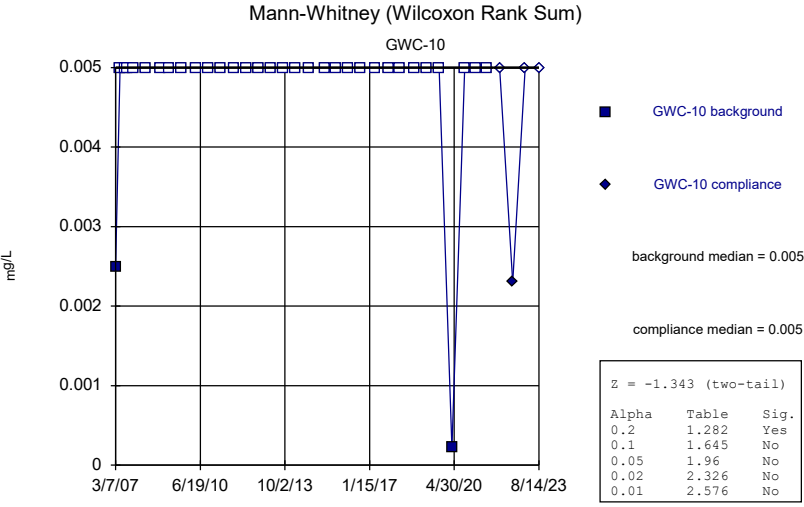
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Plant Hammond Data: Huffaker Road Landfill



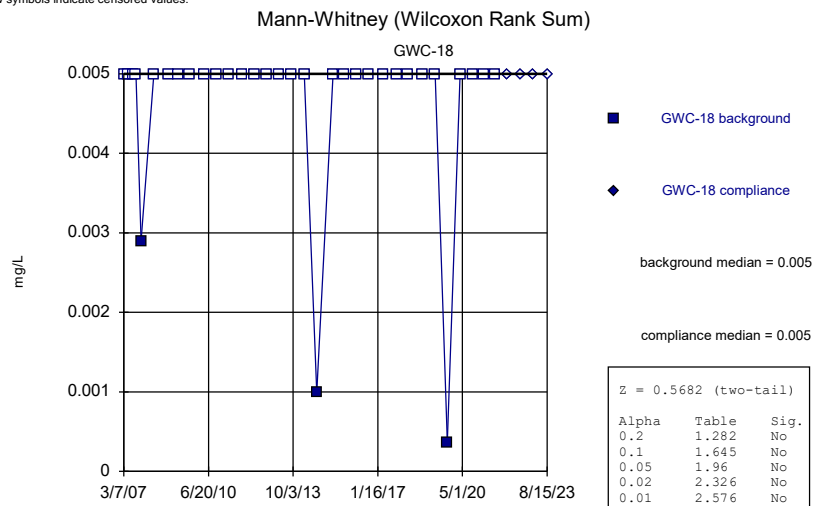
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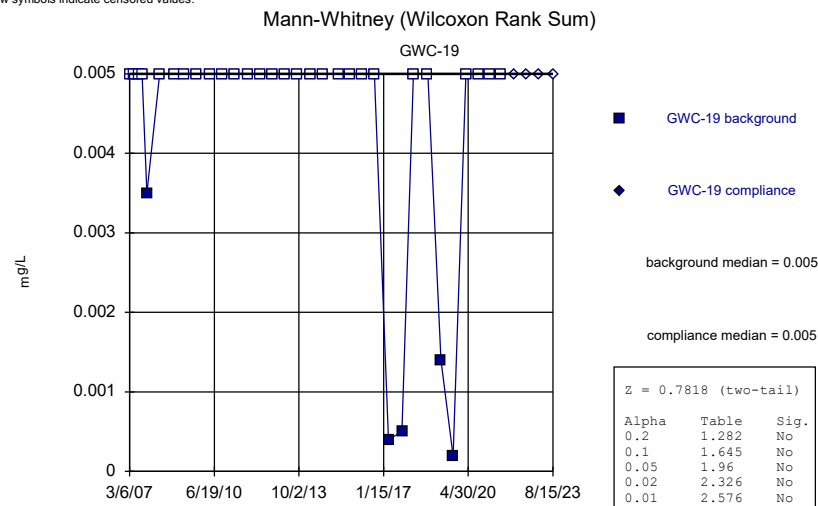
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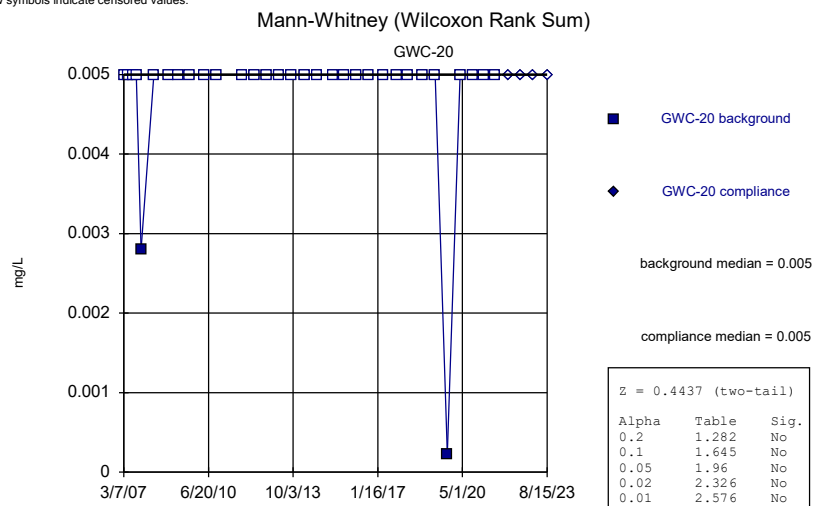
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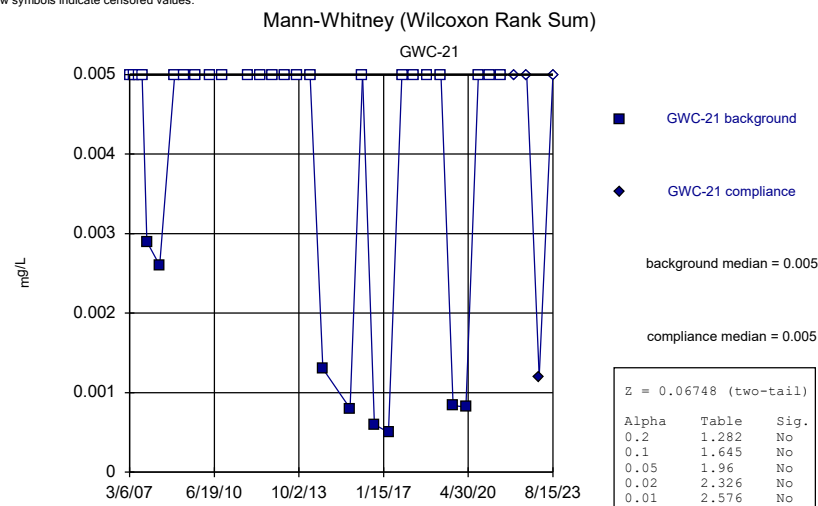
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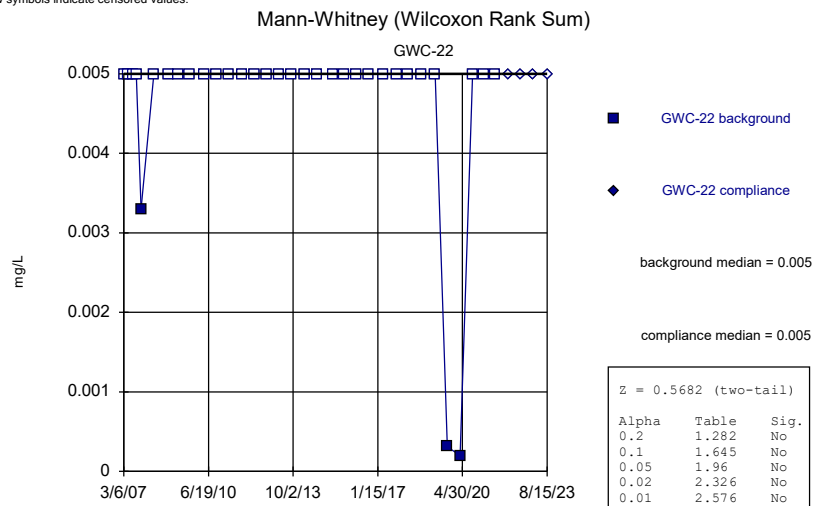
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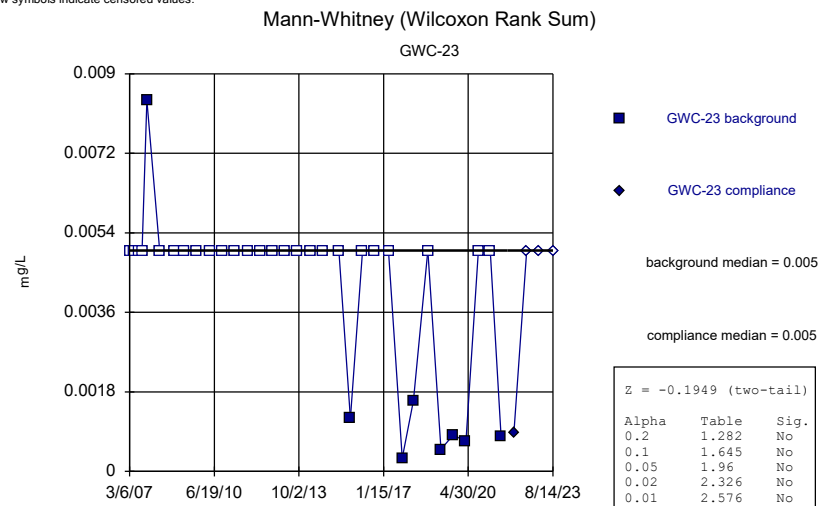
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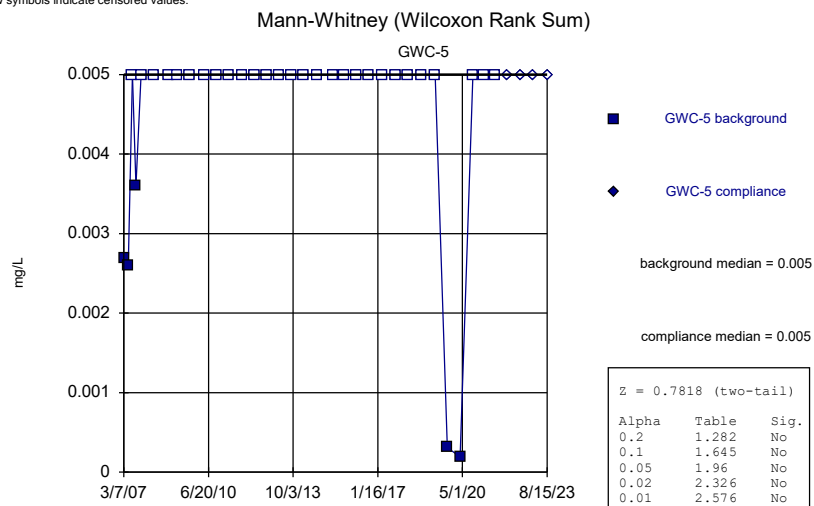
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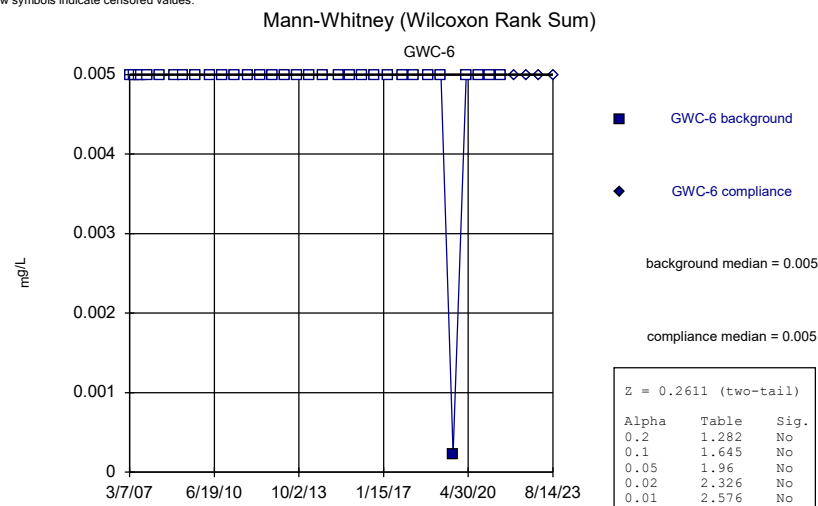
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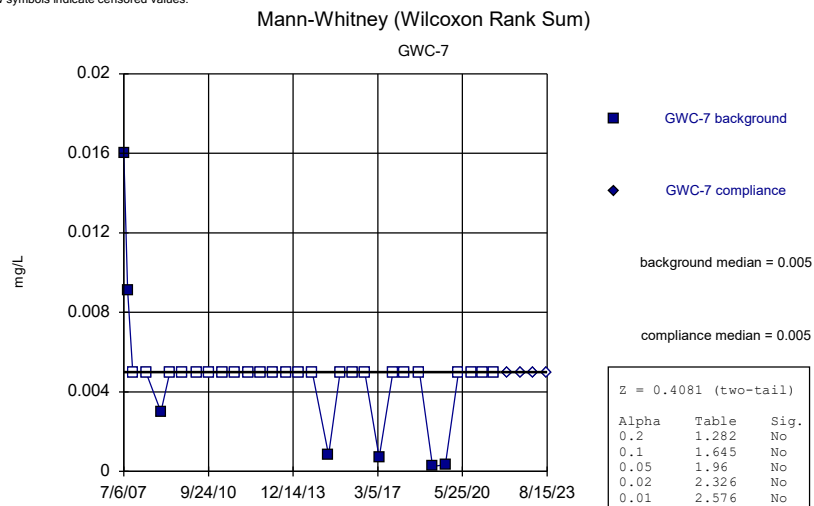
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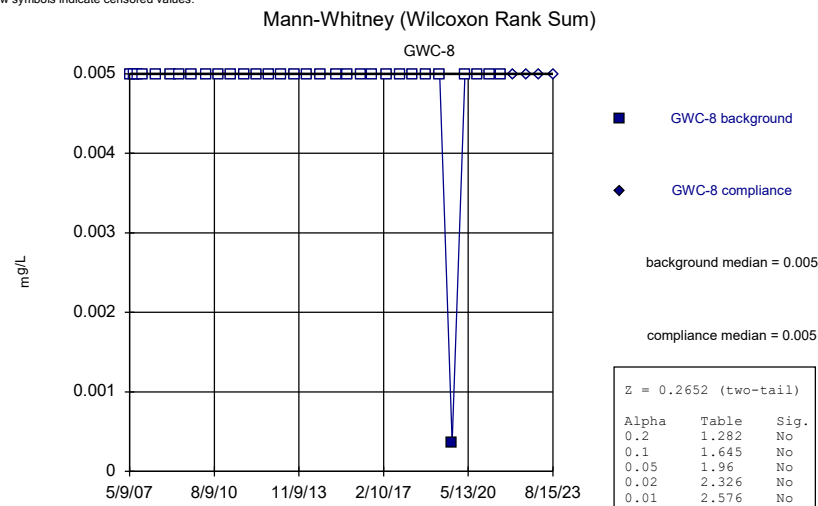
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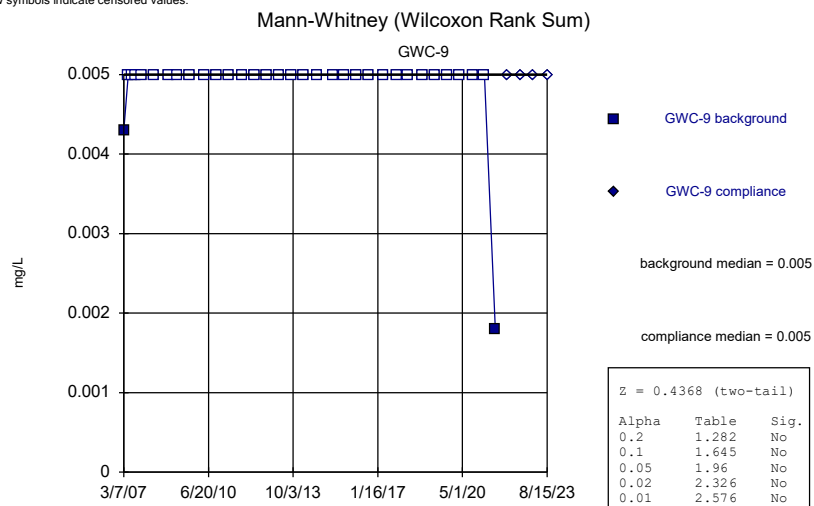
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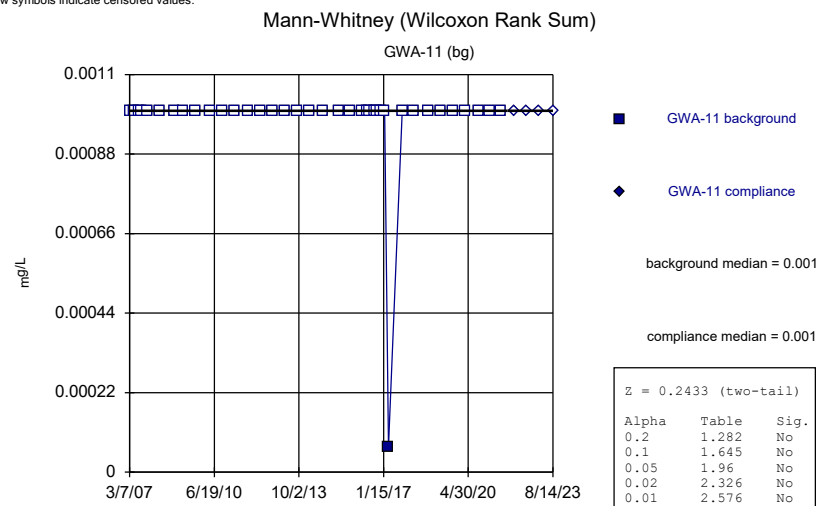
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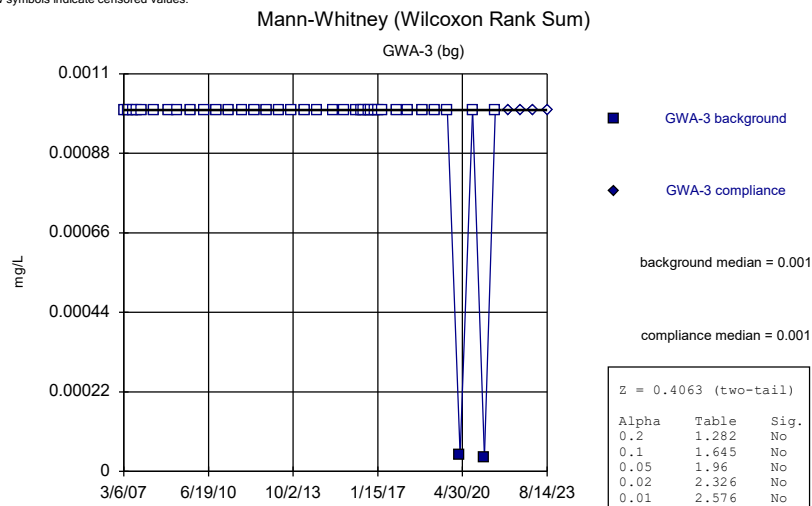
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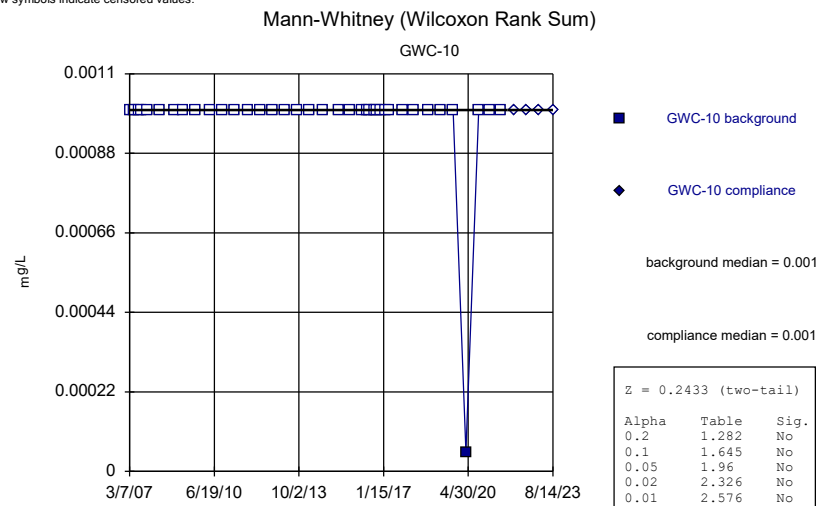
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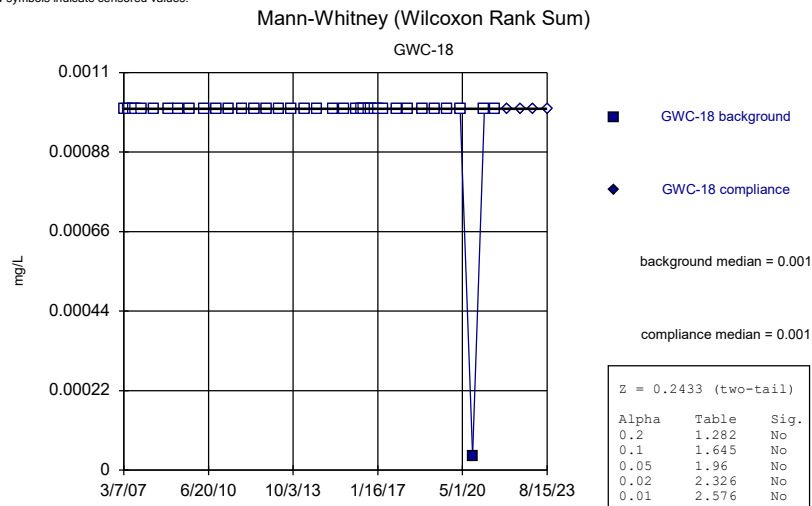
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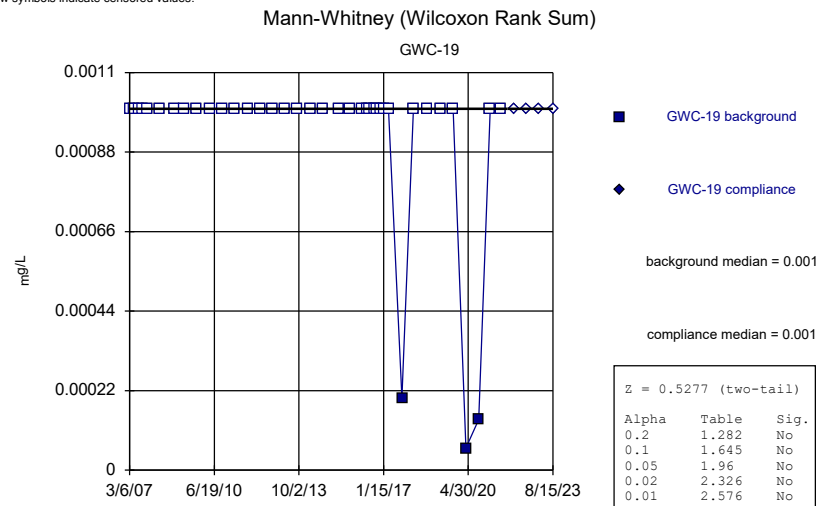
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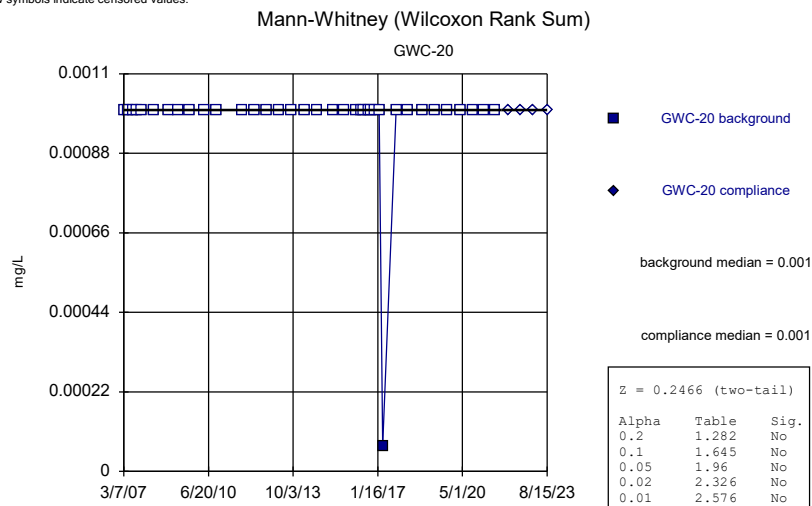
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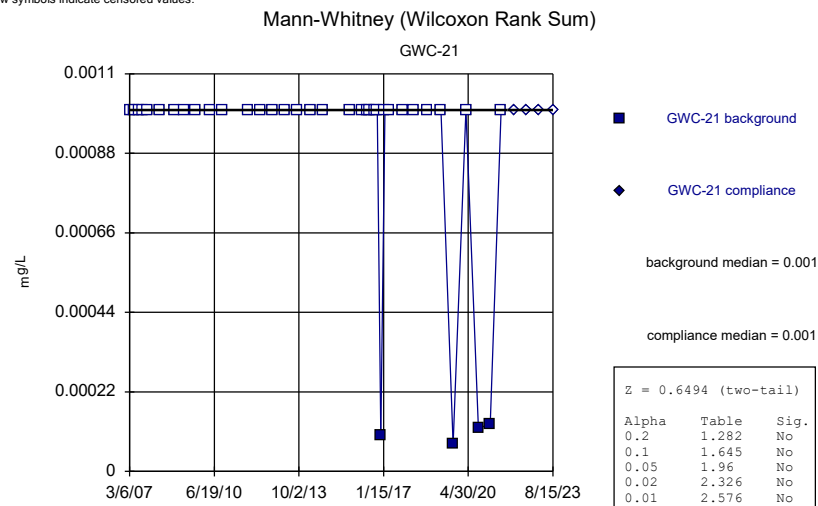
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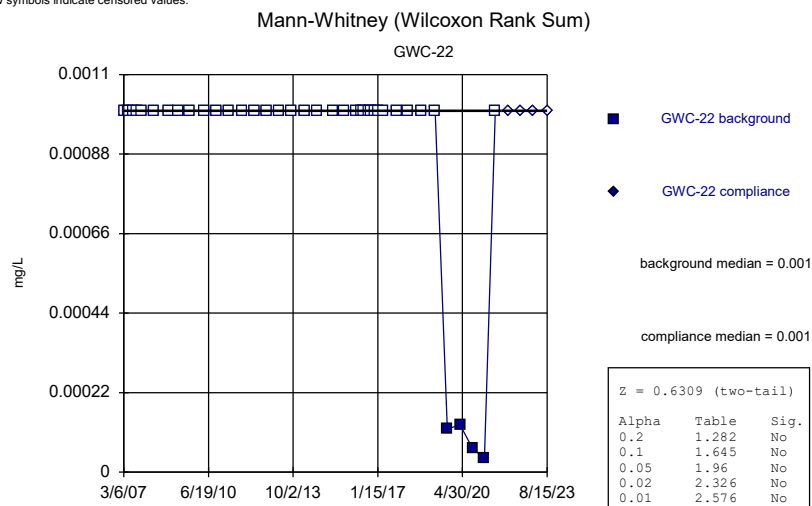
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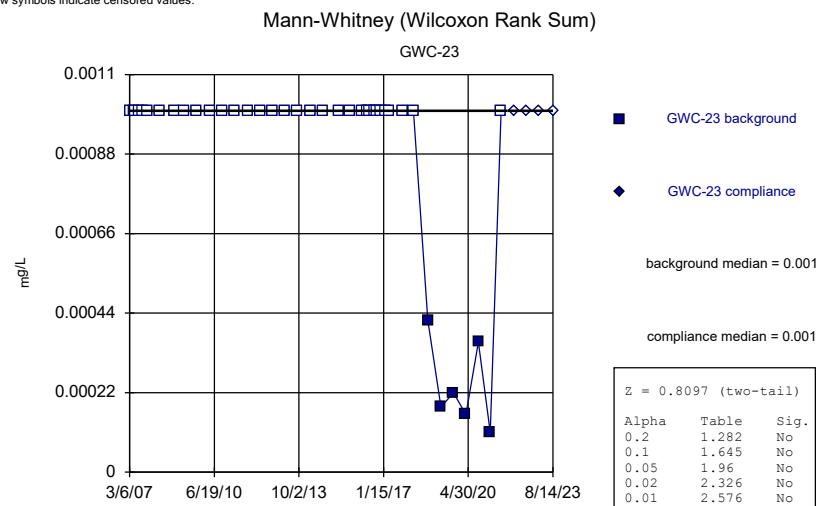
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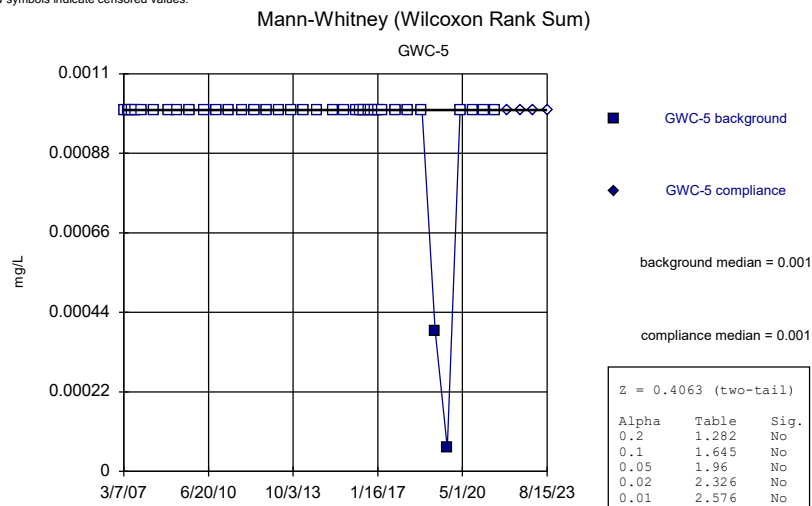
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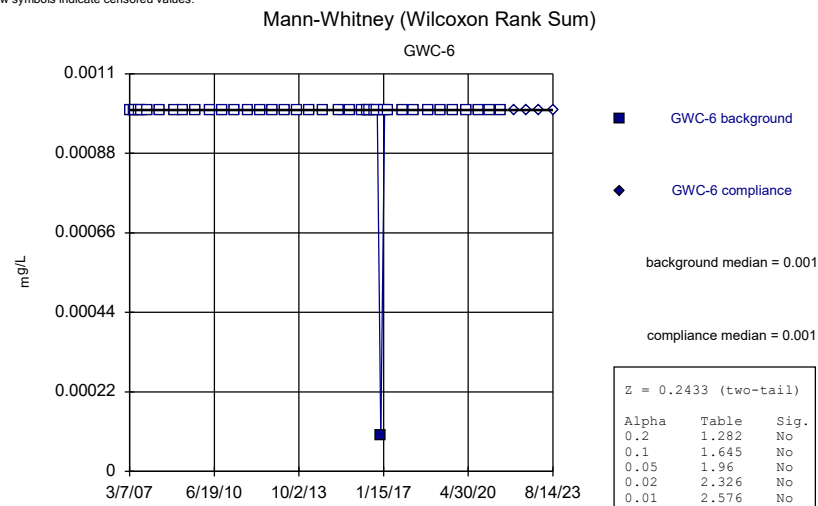
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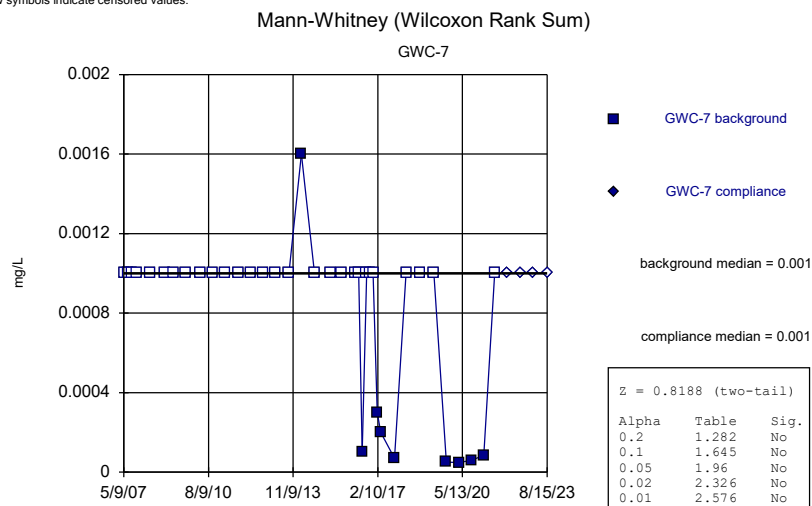
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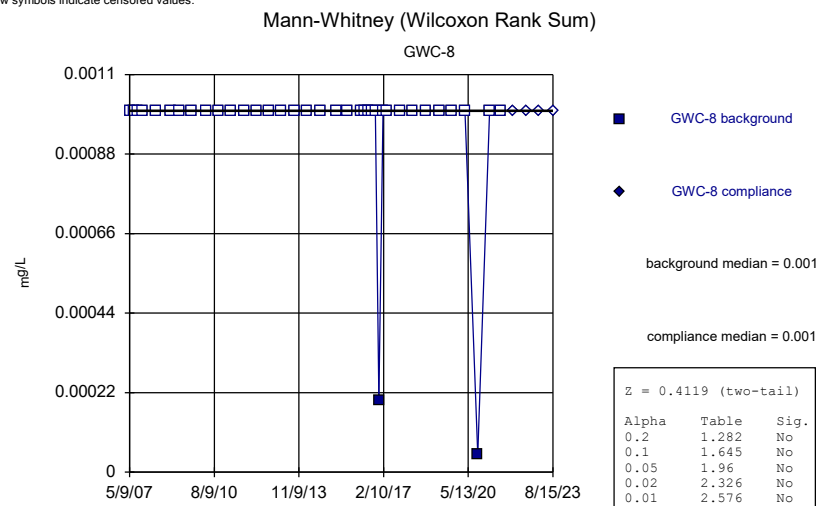
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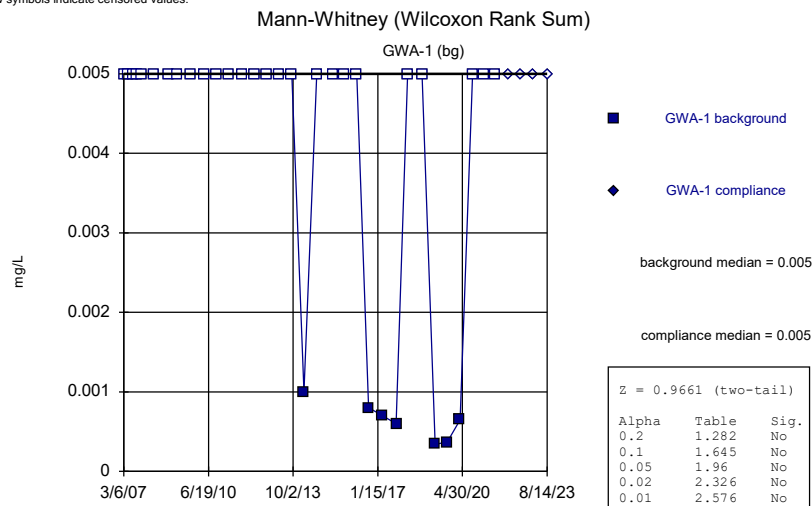
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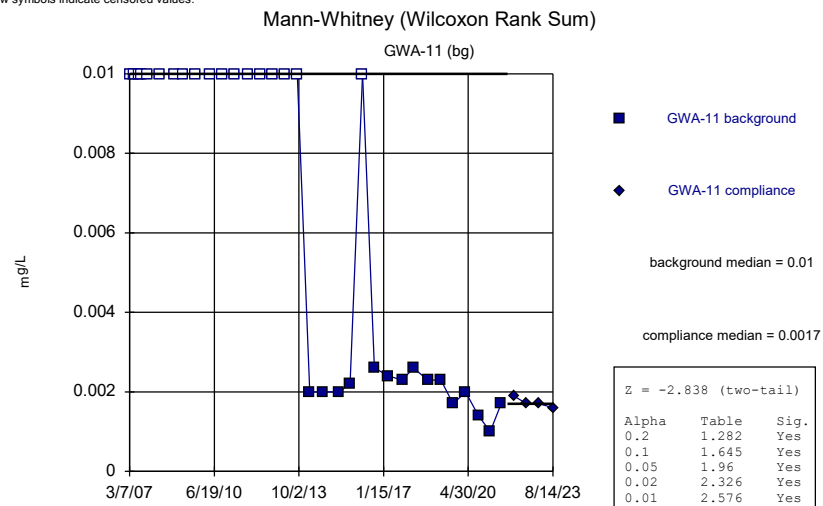
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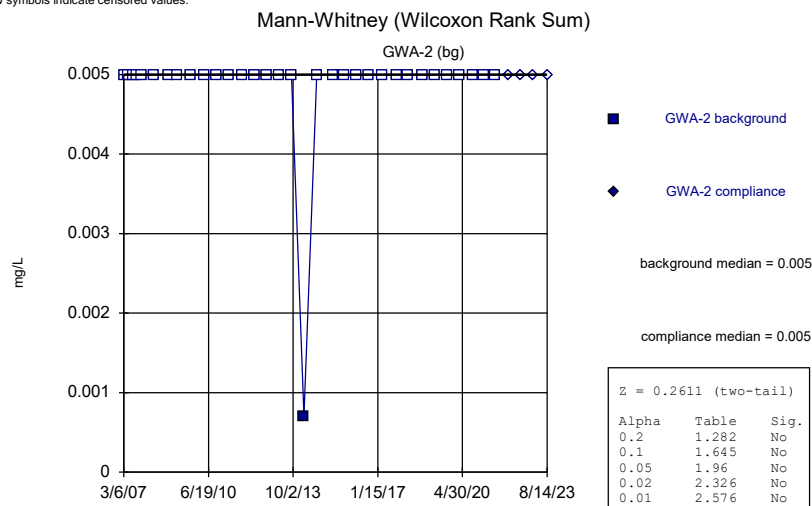
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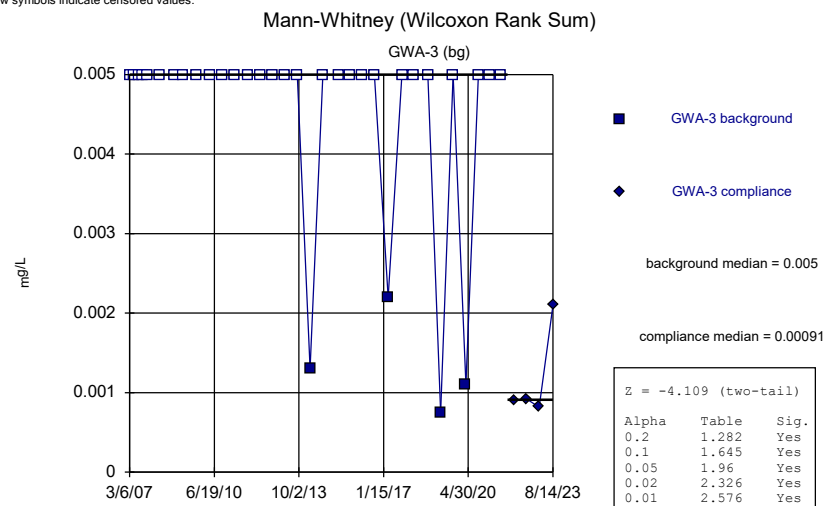
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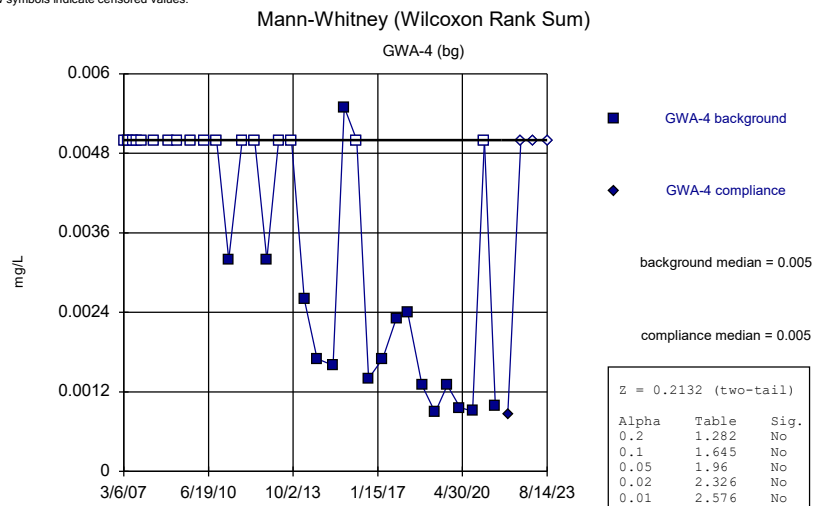
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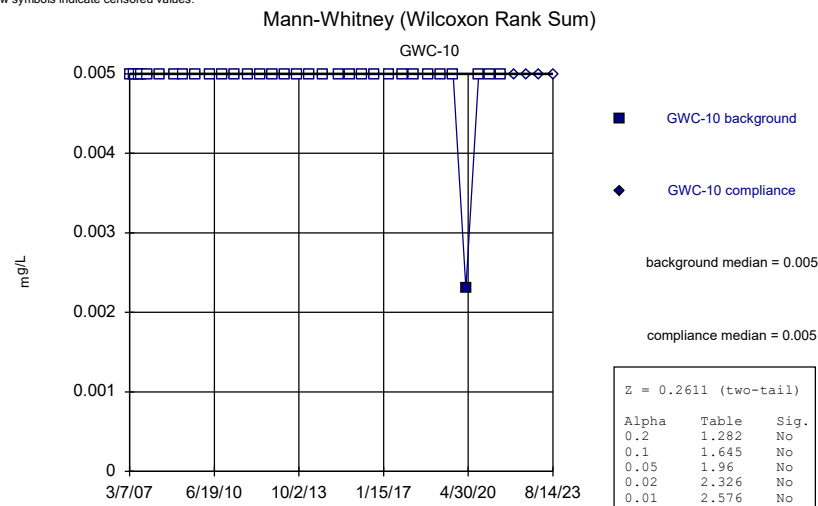
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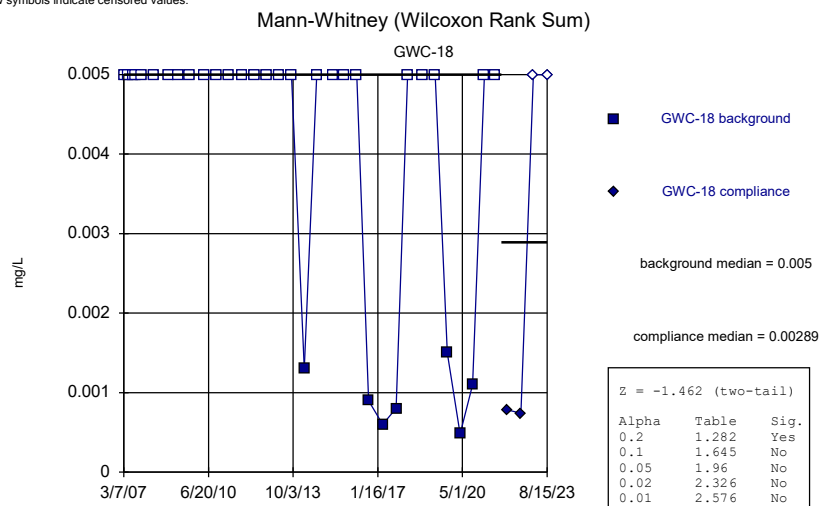
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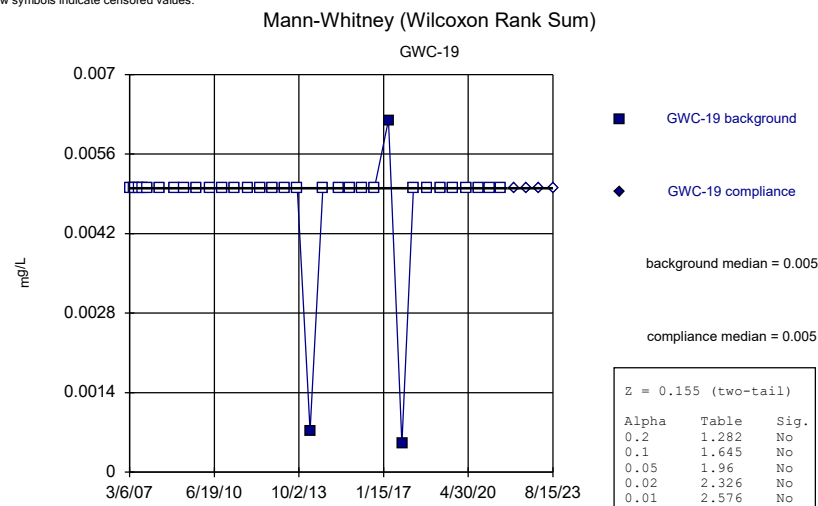
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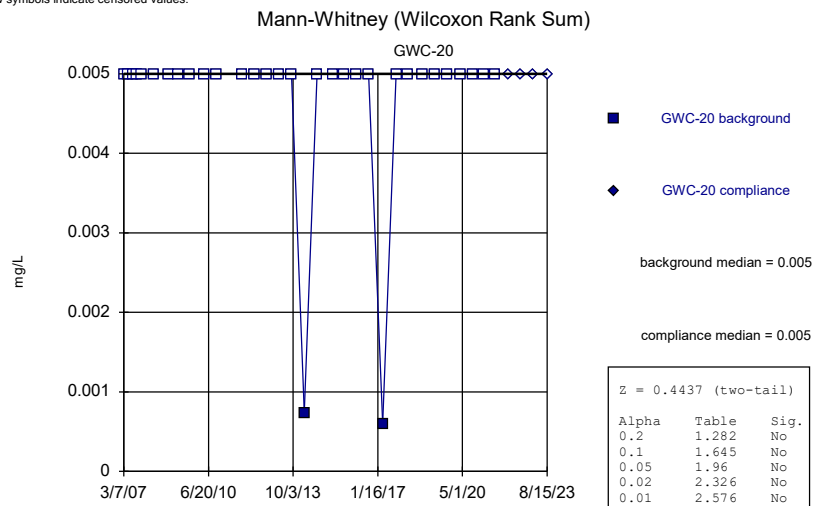
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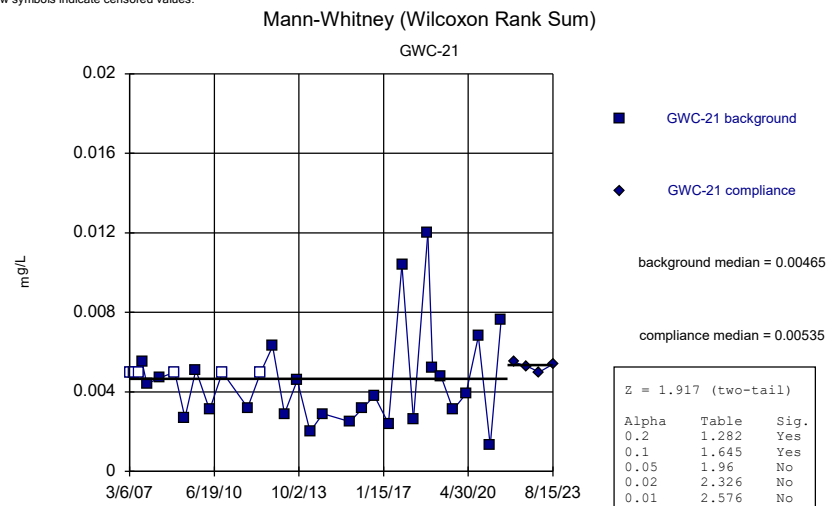
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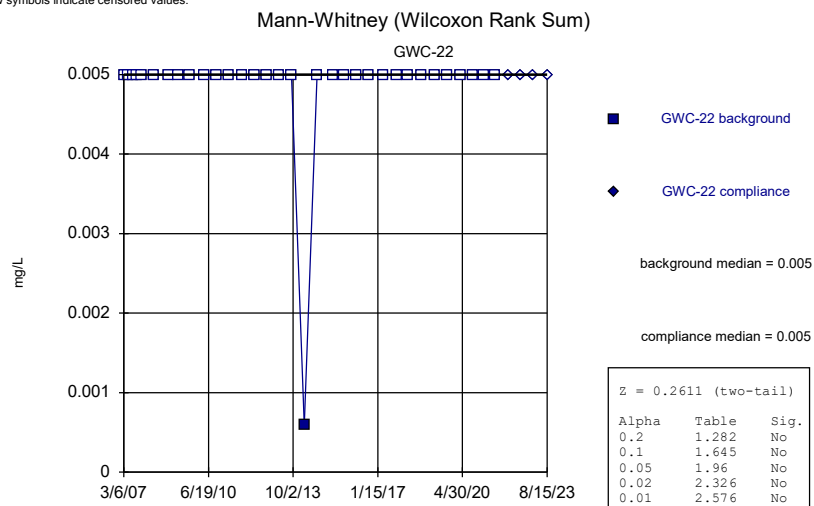
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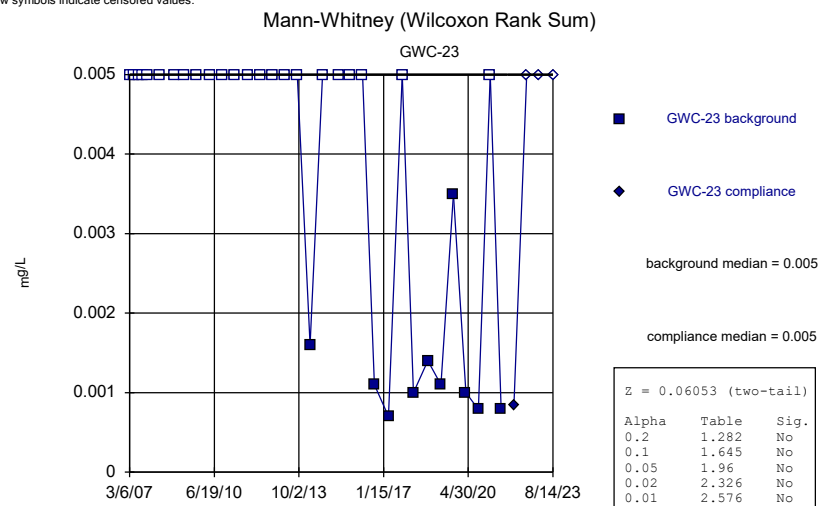
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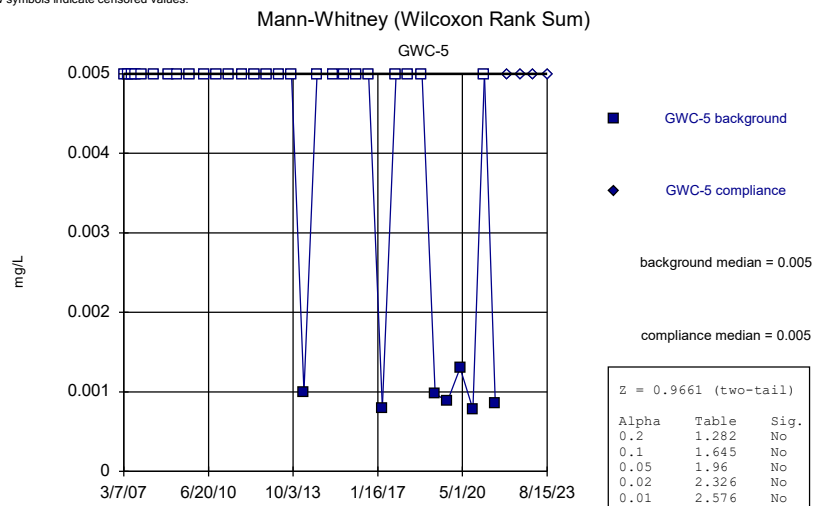
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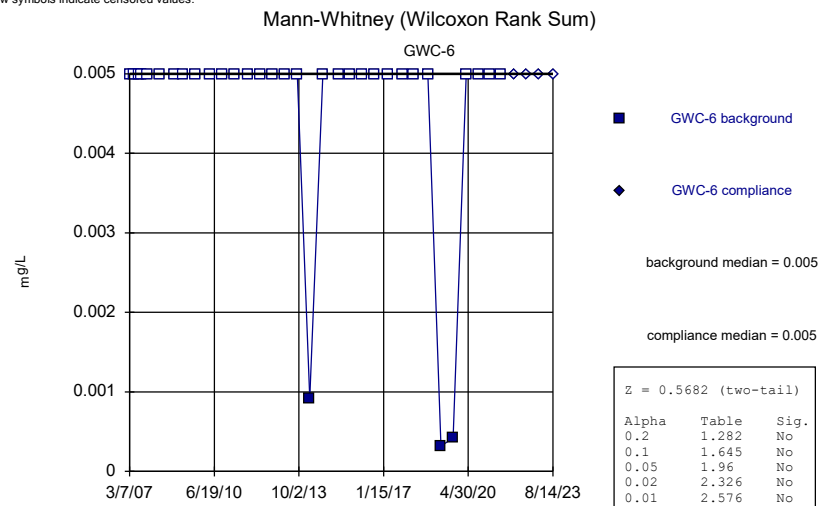
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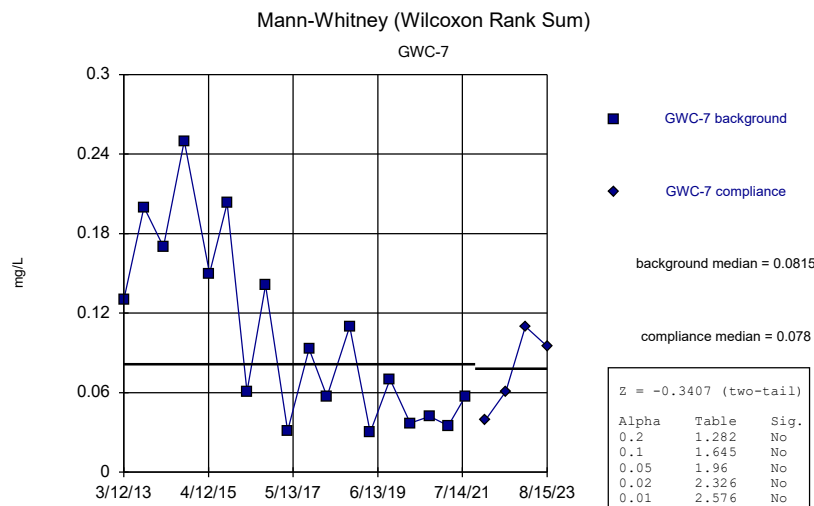
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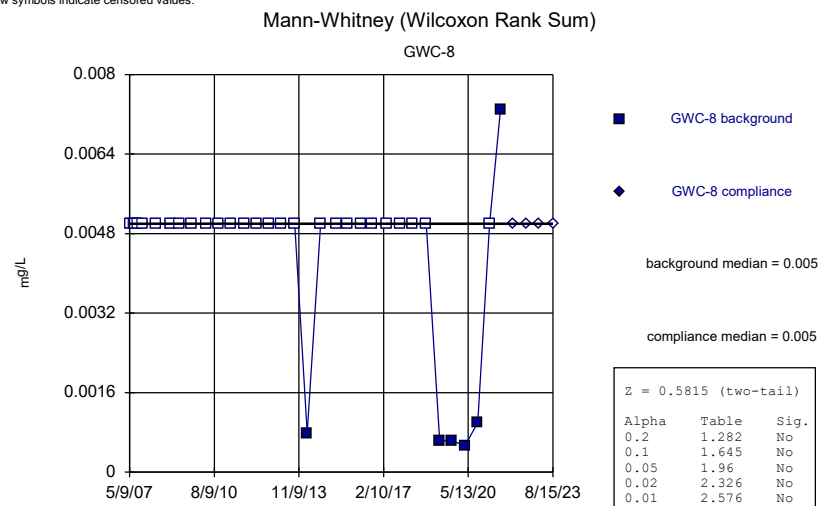
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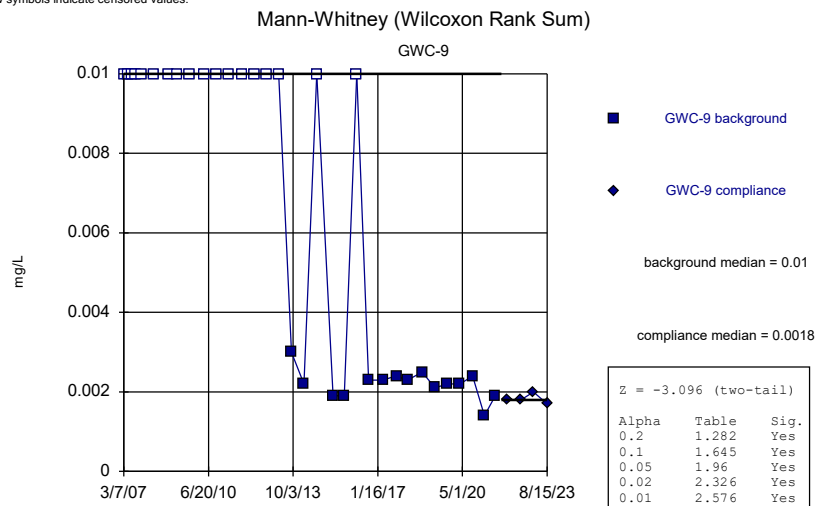
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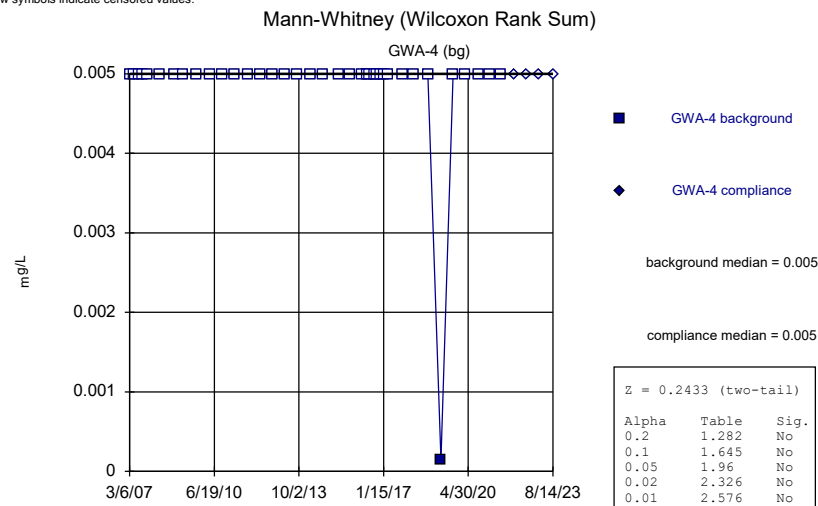
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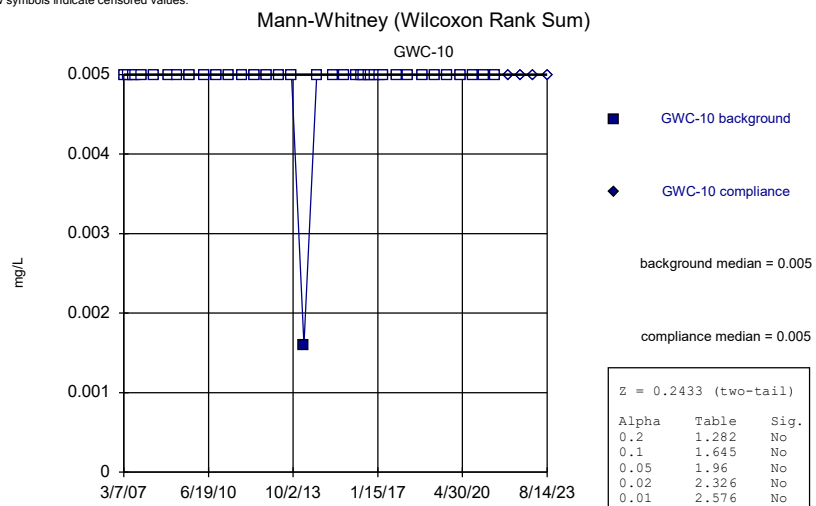
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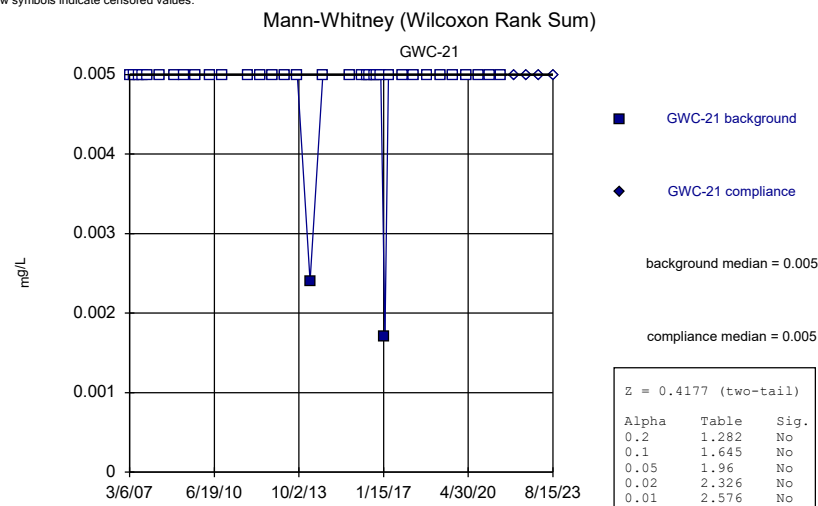
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Plant Hammond Data: Huffaker Road Landfill



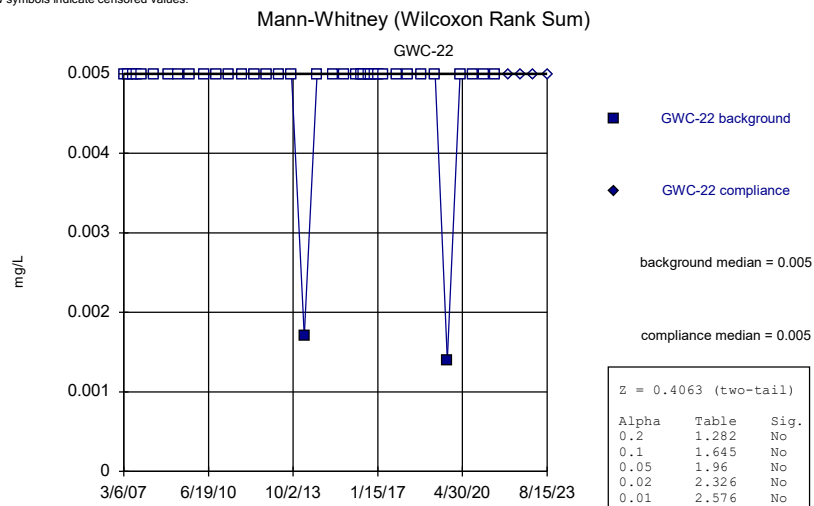
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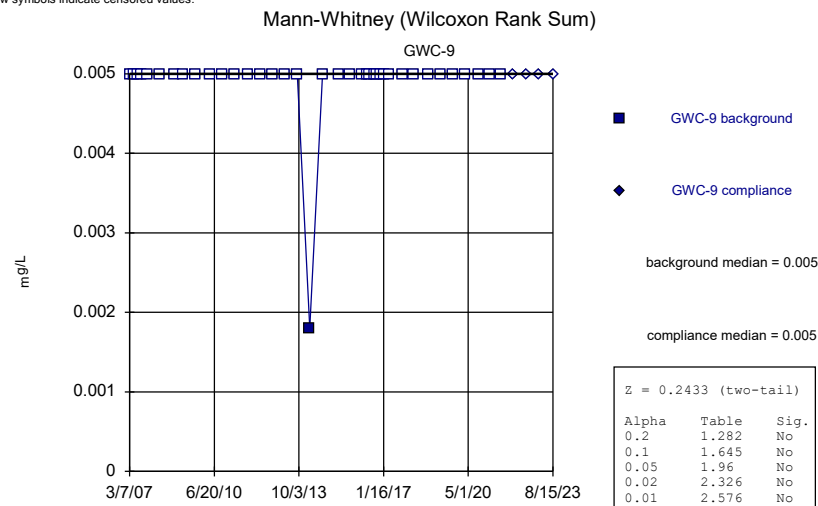
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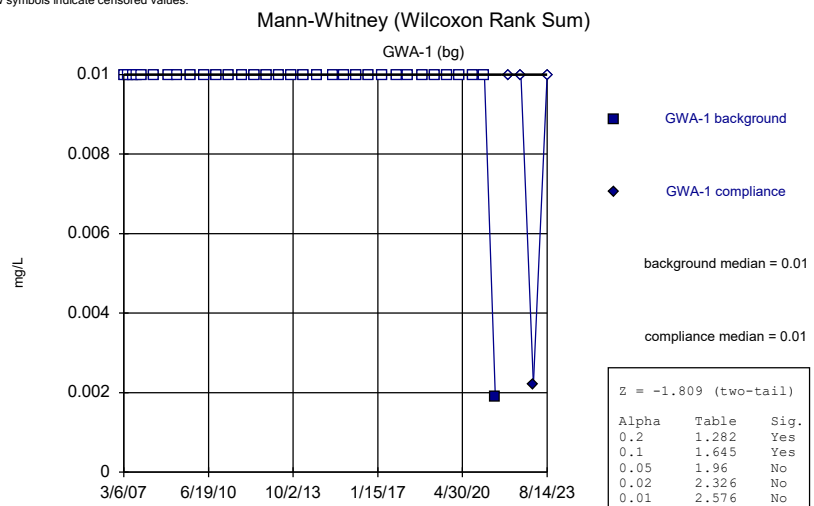
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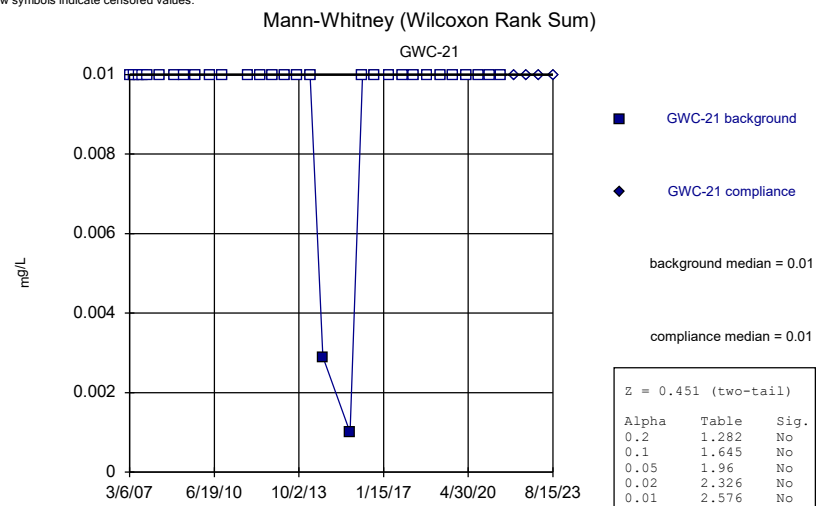
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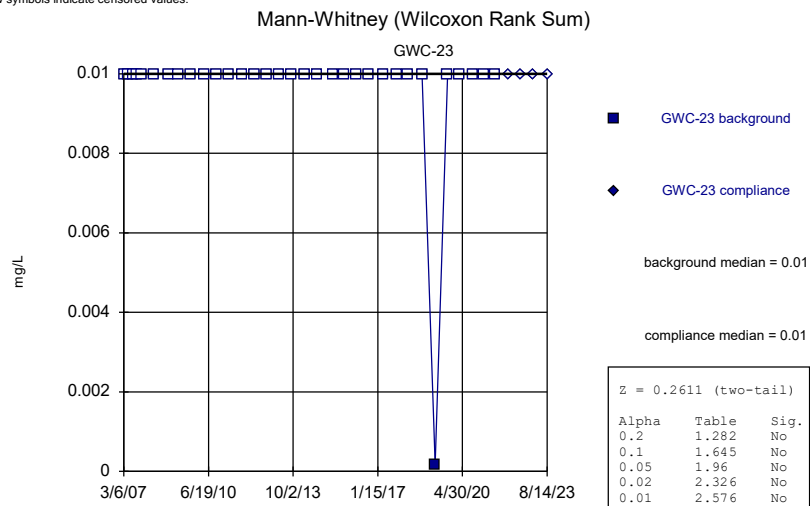
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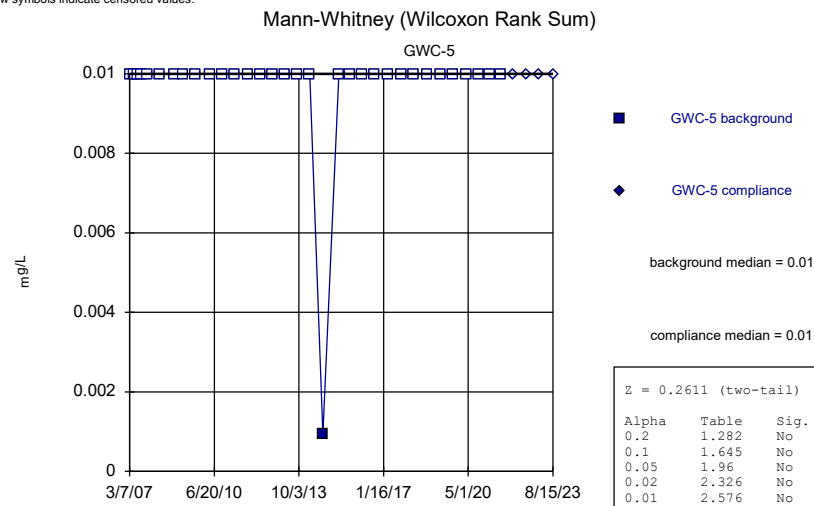
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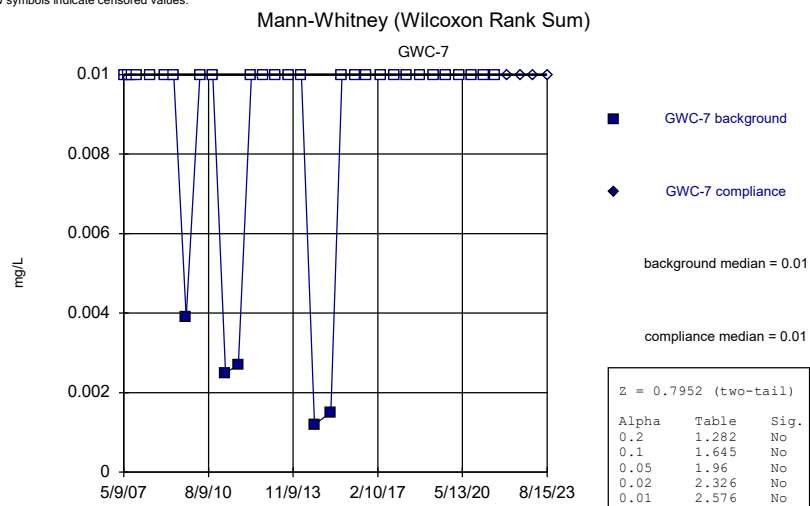
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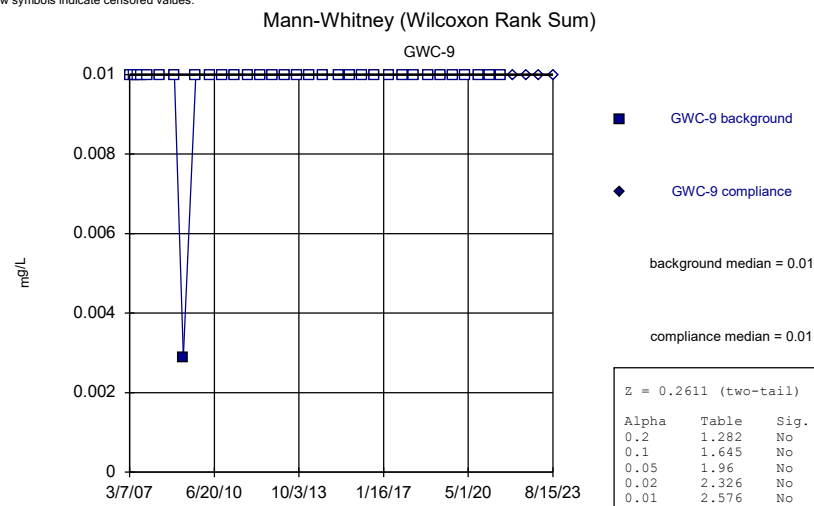
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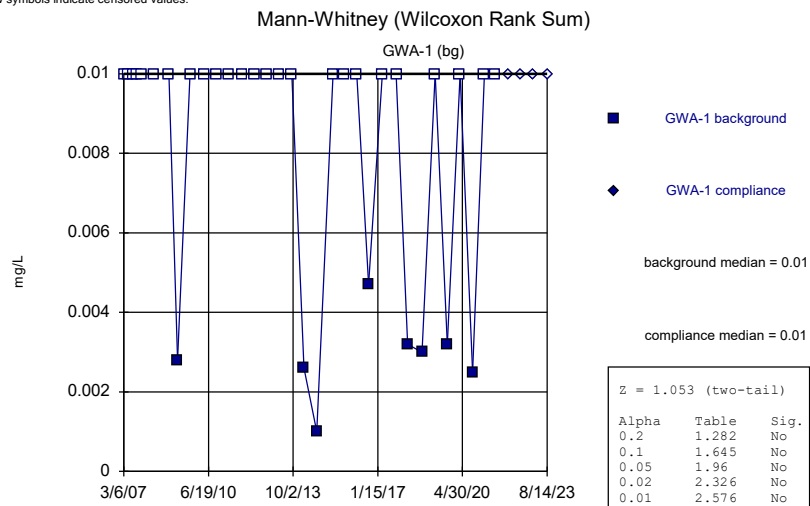
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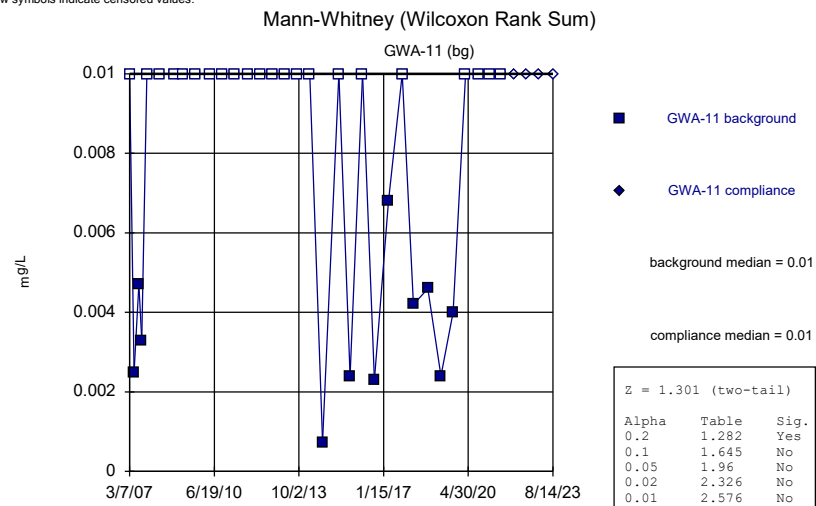
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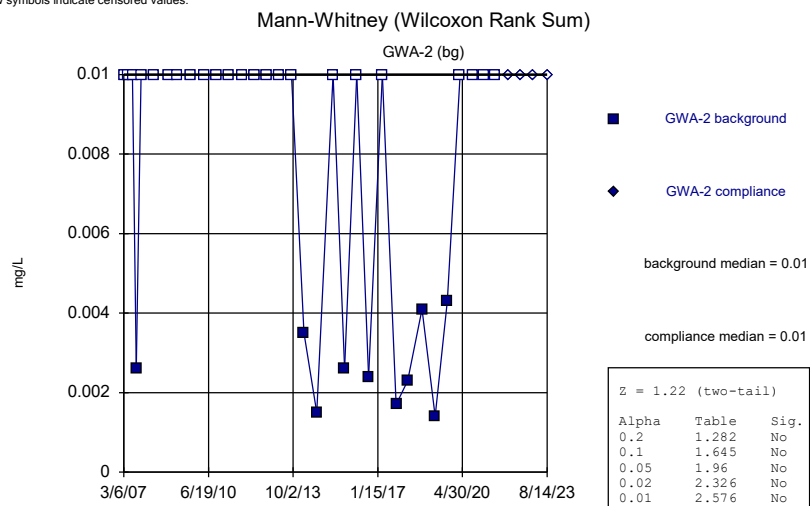
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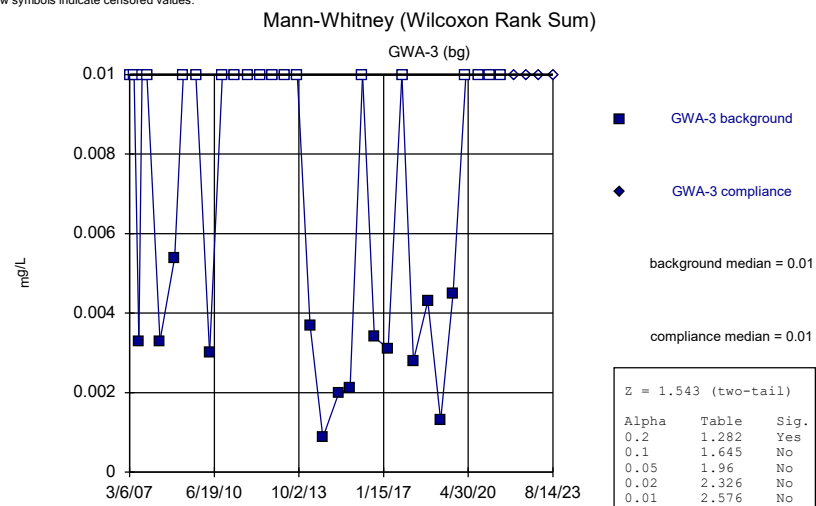
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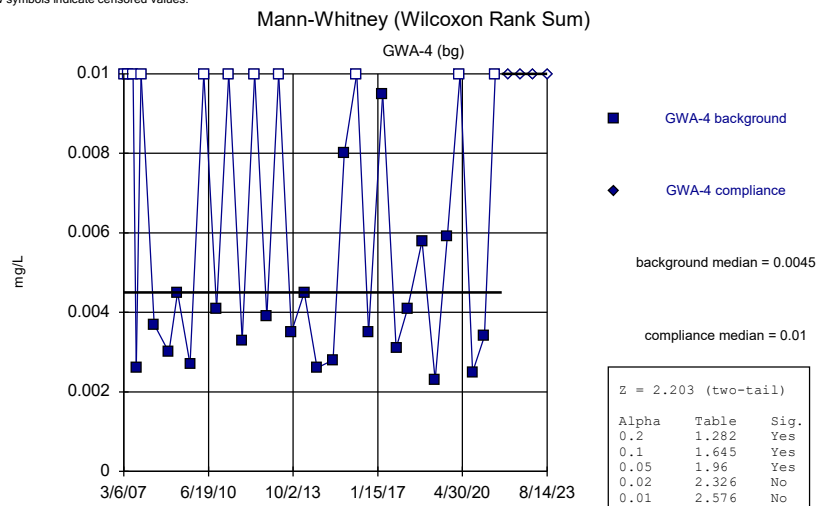
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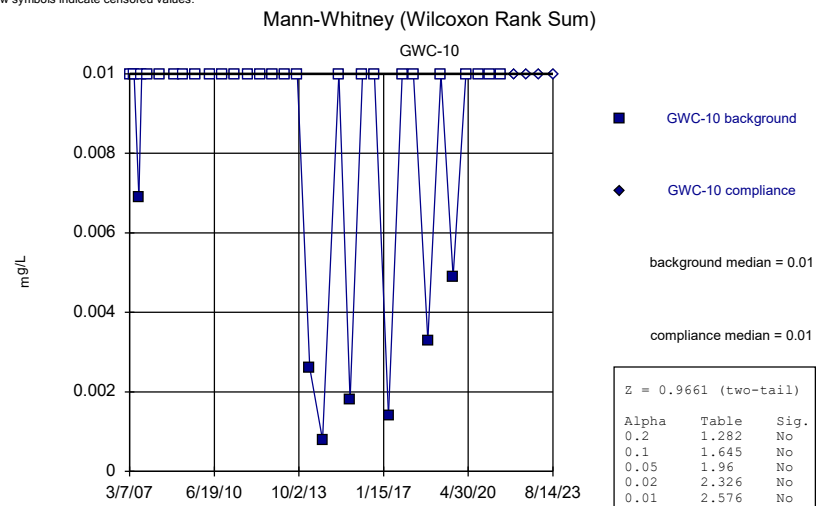
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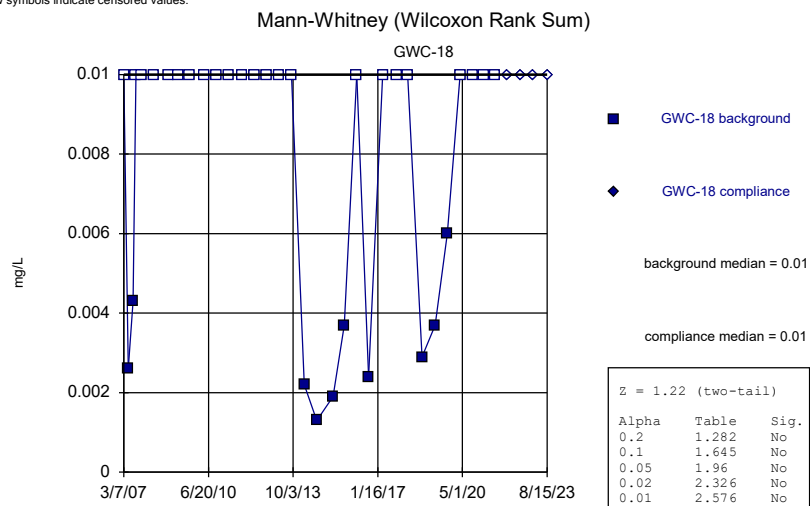
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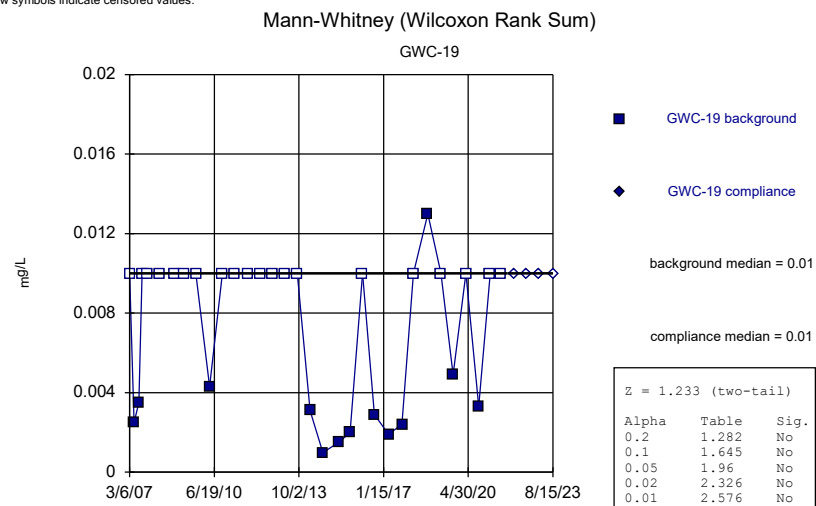
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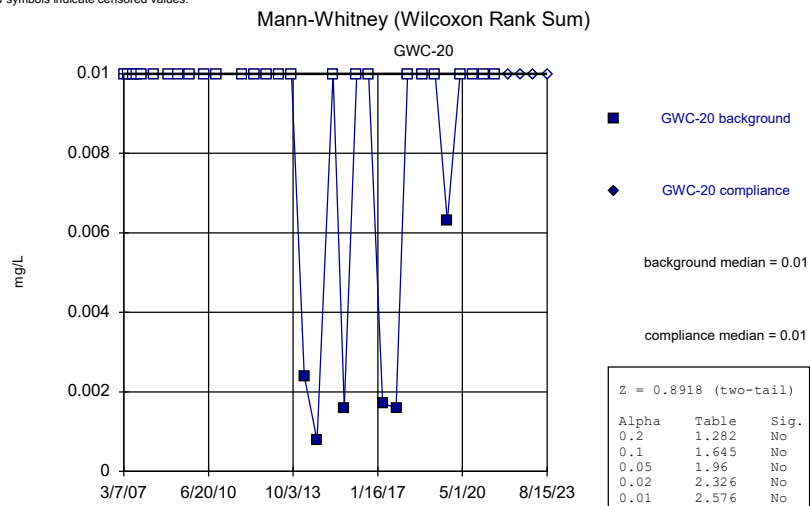
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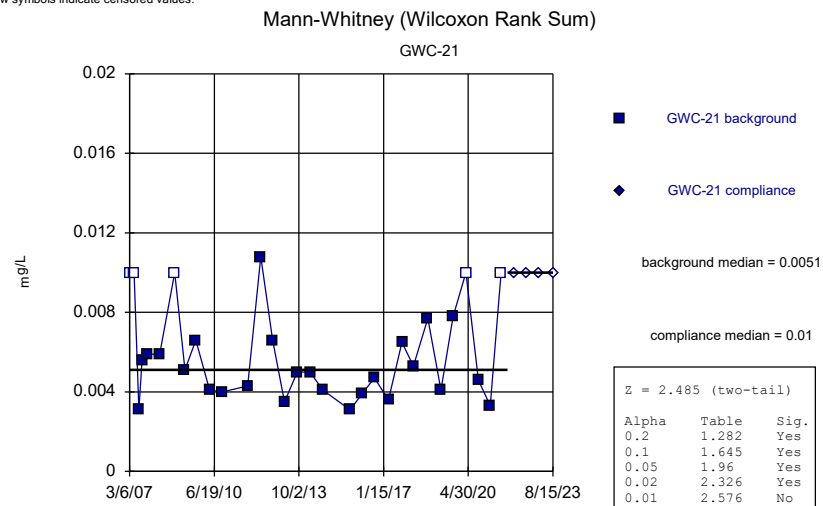
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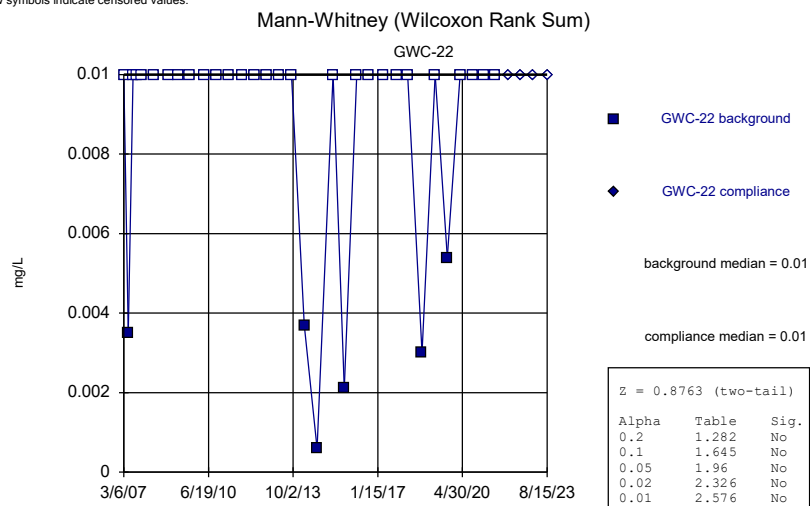
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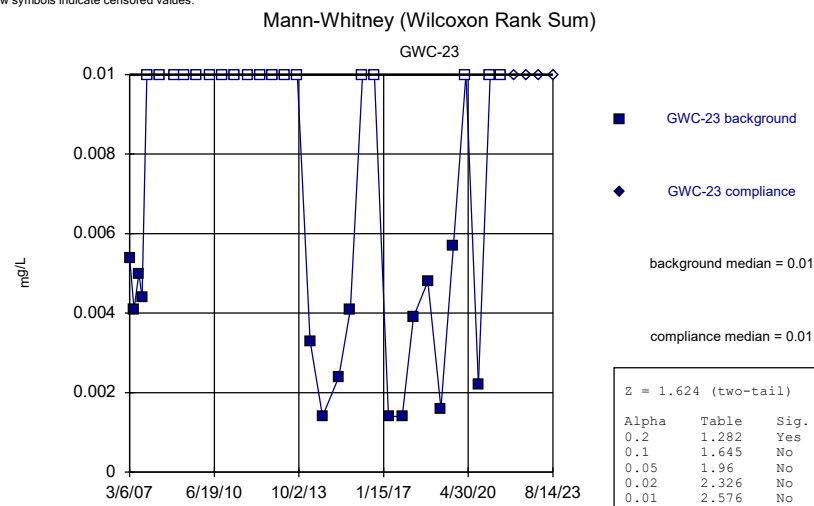
Constituent: Zinc Analysis Run 3/4/2024 4:16 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill



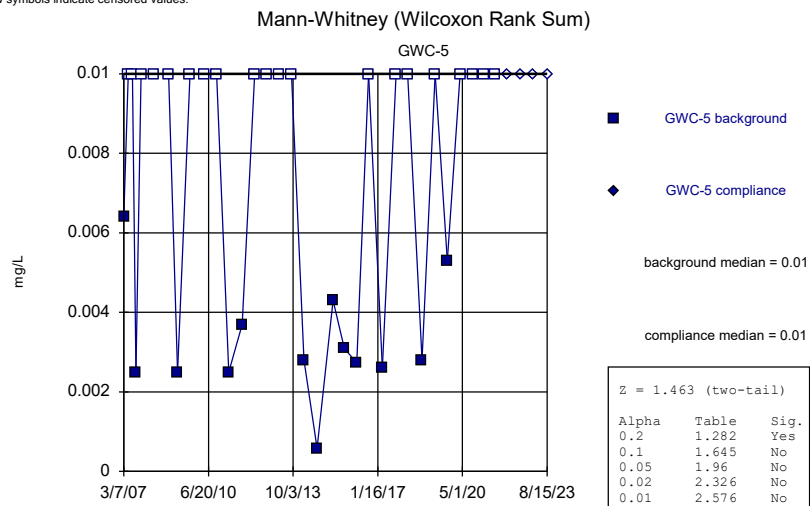
Constituent: Zinc Analysis Run 3/4/2024 4:16 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill



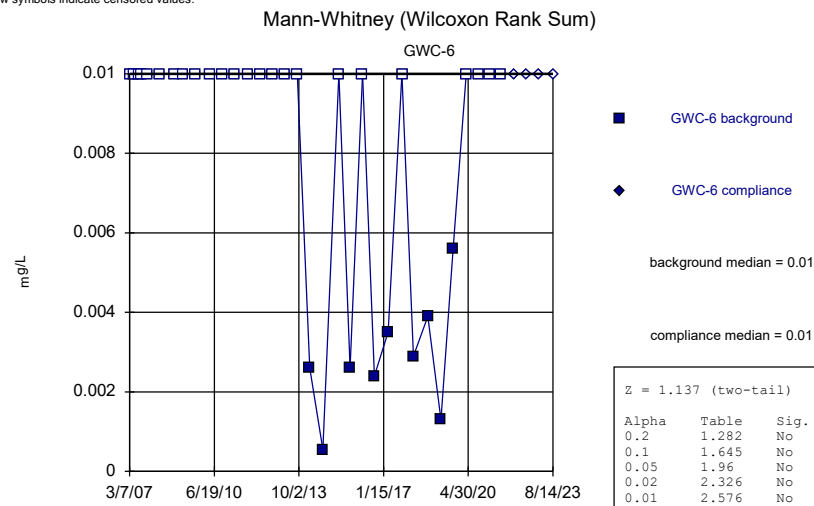
Constituent: Zinc Analysis Run 3/4/2024 4:16 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill



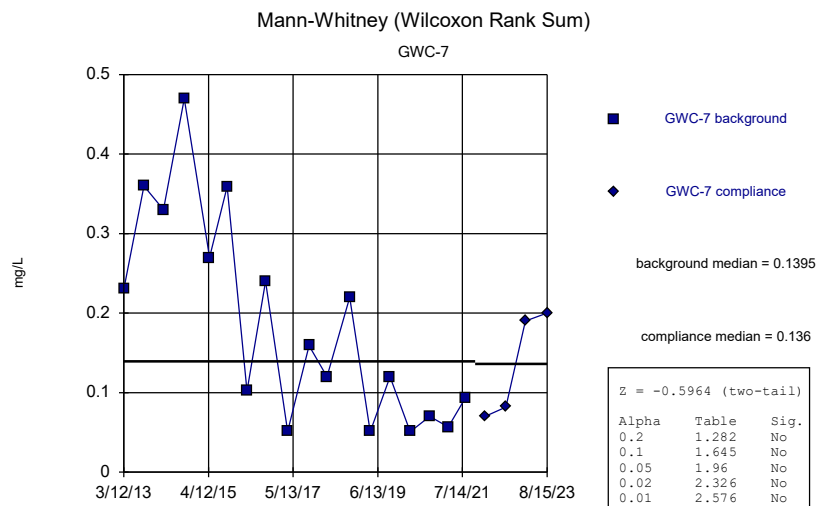
Constituent: Zinc Analysis Run 3/4/2024 4:16 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill



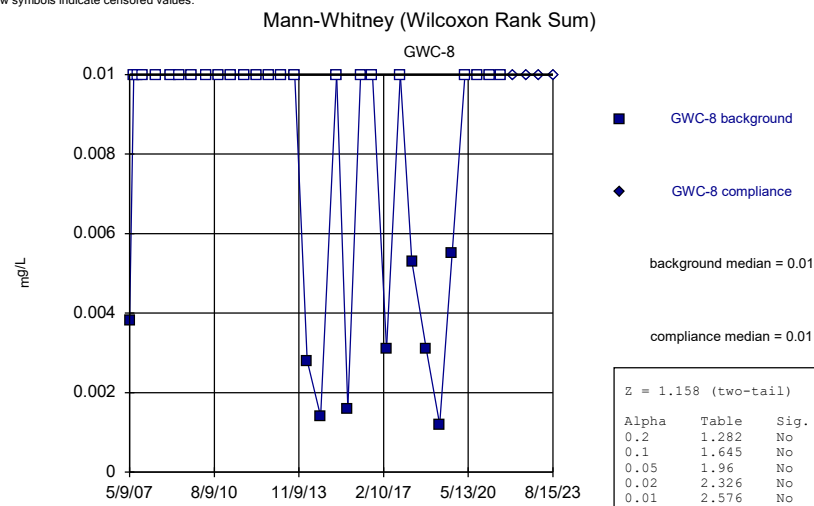
Constituent: Zinc Analysis Run 3/4/2024 4:16 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill



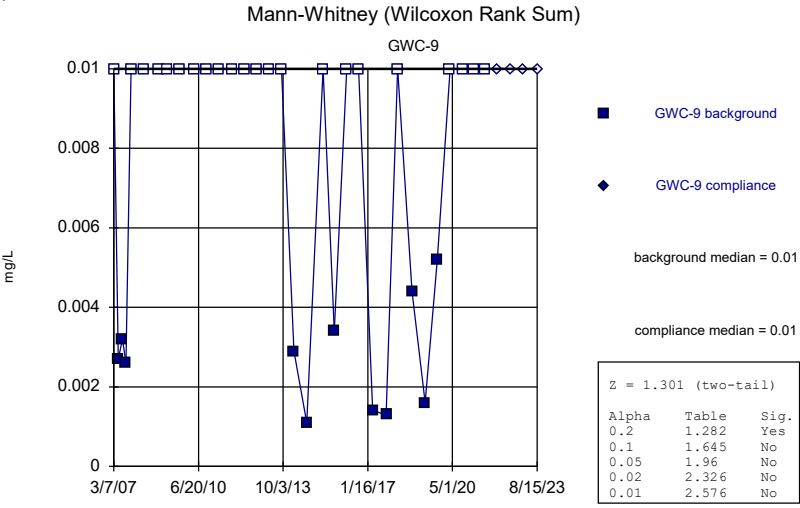
Constituent: Zinc Analysis Run 3/4/2024 4:16 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill



Constituent: Zinc Analysis Run 3/4/2024 4:17 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill



Constituent: Zinc Analysis Run 3/4/2024 4:17 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill



Constituent: Zinc Analysis Run 3/4/2024 4:17 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		0.0028 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		<0.003

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		<0.003

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		<0.003

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		<0.003

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		<0.003

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		0.0028 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.003

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.003

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		<0.003

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.003

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.003

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.003

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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)
8/15/2023		0.0077 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		0.039

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		0.028

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		0.19

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		0.087

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		0.045

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I

Plant Hammond 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
8/14/2023		0.12

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		0.077

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		0.15

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		0.16

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		0.058

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		0.092

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		0.071

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		0.072

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		0.15

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		0.041

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		0.12

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		0.064

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Beryllium (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		<0.0005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Beryllium (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.0005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Beryllium (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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)
8/15/2023		0.00027 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		<0.0005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		<0.0005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.0005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.0005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.0005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		<0.0005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.0005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.0005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.0005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		0.0015 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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)
8/14/2023		0.00043 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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)
8/14/2023		0.00045 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		0.00095 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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)
8/15/2023		0.0032 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		0.00046 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		0.021

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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)
8/15/2023		0.00077 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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)
8/15/2023		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		<0.001

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		<0.001

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		<0.001

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.001

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.001

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.001

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.001

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.001

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		<0.001

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.001

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		<0.001

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.001

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.001

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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)
8/14/2023		0.0016 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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)
8/14/2023		0.0021 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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)
8/15/2023		0.0054

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		0.095

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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)
8/15/2023		0.0017 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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)
8/14/2023		<0.01

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.01

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		<0.01

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.01

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.01

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		<0.01

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		<0.01

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		<0.01

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		<0.01

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		<0.01

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		<0.01

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.01

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.01

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.01

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.01

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.01

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		<0.01

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.01

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/14/2023		<0.01

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		0.2

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.01

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 3/4/2024 4:18 PM View: Appendix I
Plant Hammond 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
8/15/2023		<0.01

Appendix III - Welch's t-test/Mann-Whitney - Significant Results

Plant Hammond Data: Huffaker Road Landfill Printed 3/4/2024, 4:27 PM

<u>Constituent</u>	<u>Well</u>	<u>Calc.</u>	<u>0.01</u>	<u>Alpha</u>	<u>Method</u>
Boron (mg/L)	GWC-19	-2.843	Yes	0.01	Mann-W
Calcium (mg/L)	GWA-2 (bg)	2.732	Yes	0.01	Mann-W
Calcium (mg/L)	GWA-3 (bg)	-3	Yes	0.01	Mann-W
Calcium (mg/L)	GWC-20	2.64	Yes	0.01	Mann-W
Chloride (mg/L)	GWA-3 (bg)	-3.092	Yes	0.01	Mann-W
Chloride (mg/L)	GWC-18	-2.661	Yes	0.01	Mann-W
Chloride (mg/L)	GWC-19	-2.62	Yes	0.01	Mann-W
Chloride (mg/L)	GWC-22	-2.936	Yes	0.01	Mann-W
Fluoride (mg/L)	GWA-3 (bg)	-2.6	Yes	0.01	Mann-W
Sulfate (mg/L)	GWA-1 (bg)	-3.106	Yes	0.01	Mann-W
Sulfate (mg/L)	GWA-11 (bg)	-2.925	Yes	0.01	Mann-W
Sulfate (mg/L)	GWA-2 (bg)	2.824	Yes	0.01	Mann-W
Sulfate (mg/L)	GWA-3 (bg)	-3.051	Yes	0.01	Mann-W
Sulfate (mg/L)	GWC-18	-2.599	Yes	0.01	Mann-W
Sulfate (mg/L)	GWC-21	-2.644	Yes	0.01	Mann-W
Total Dissolved Solids (mg/L)	GWA-2 (bg)	2.779	Yes	0.01	Mann-W
Total Dissolved Solids (mg/L)	GWA-3 (bg)	-3.051	Yes	0.01	Mann-W
Total Dissolved Solids (mg/L)	GWC-20	2.644	Yes	0.01	Mann-W

Appendix III - Welch's t-test/Mann-Whitney - All Results

Plant Hammond Data: Huffaker Road Landfill Printed 3/4/2024, 4:27 PM

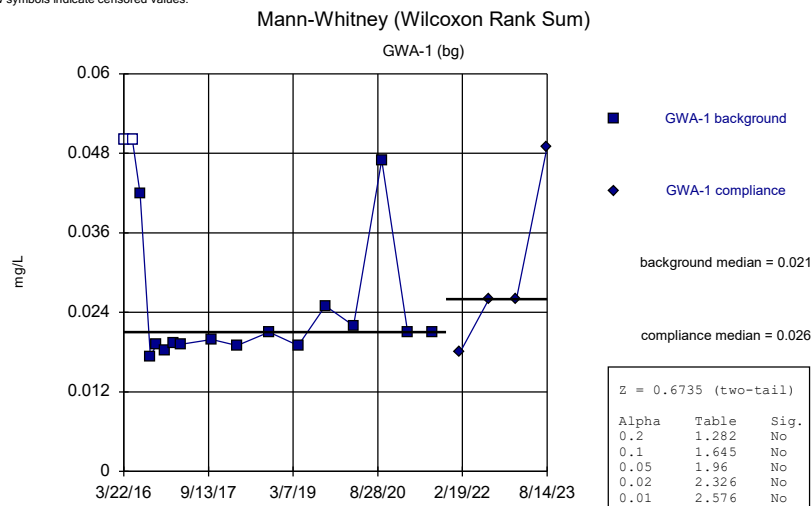
<u>Constituent</u>	<u>Well</u>	<u>Calc.</u>	<u>0.01</u>	<u>Alpha</u>	<u>Method</u>
Boron (mg/L)	GWA-1 (bg)	0.6735	No	0.01	Mann-W
Boron (mg/L)	GWA-11 (bg)	0.6732	No	0.01	Mann-W
Boron (mg/L)	GWA-2 (bg)	0.5375	No	0.01	Mann-W
Boron (mg/L)	GWA-3 (bg)	-1.305	No	0.01	Mann-W
Boron (mg/L)	GWA-4 (bg)	-2.105	No	0.01	Mann-W
Boron (mg/L)	GWC-10	0.3141	No	0.01	Mann-W
Boron (mg/L)	GWC-18	-1.09	No	0.01	Mann-W
Boron (mg/L)	GWC-19	-2.843	Yes	0.01	Mann-W
Boron (mg/L)	GWC-20	-1.438	No	0.01	Mann-W
Boron (mg/L)	GWC-21	-1.568	No	0.01	Mann-W
Boron (mg/L)	GWC-22	-1.568	No	0.01	Mann-W
Boron (mg/L)	GWC-23	0.4728	No	0.01	Mann-W
Boron (mg/L)	GWC-5	-1.567	No	0.01	Mann-W
Boron (mg/L)	GWC-6	-1.109	No	0.01	Mann-W
Boron (mg/L)	GWC-7	-1.926	No	0.01	Mann-W
Boron (mg/L)	GWC-8	0.4689	No	0.01	Mann-W
Boron (mg/L)	GWC-9	-1.256	No	0.01	Mann-W
Calcium (mg/L)	GWA-1 (bg)	0.9419	No	0.01	Mann-W
Calcium (mg/L)	GWA-11 (bg)	1.165	No	0.01	Mann-W
Calcium (mg/L)	GWA-2 (bg)	2.732	Yes	0.01	Mann-W
Calcium (mg/L)	GWA-3 (bg)	-3	Yes	0.01	Mann-W
Calcium (mg/L)	GWA-4 (bg)	-1.209	No	0.01	Mann-W
Calcium (mg/L)	GWC-10	0.8113	No	0.01	Mann-W
Calcium (mg/L)	GWC-18	1.235	No	0.01	Mann-W
Calcium (mg/L)	GWC-19	0.9795	No	0.01	Mann-W
Calcium (mg/L)	GWC-20	2.64	Yes	0.01	Mann-W
Calcium (mg/L)	GWC-21	-1.663	No	0.01	Mann-W
Calcium (mg/L)	GWC-22	0.6294	No	0.01	Mann-W
Calcium (mg/L)	GWC-23	2.105	No	0.01	Mann-W
Calcium (mg/L)	GWC-5	0.4926	No	0.01	Mann-W
Calcium (mg/L)	GWC-6	1.388	No	0.01	Mann-W
Calcium (mg/L)	GWC-7	-0.7613	No	0.01	Mann-W
Calcium (mg/L)	GWC-8	1.663	No	0.01	Mann-W
Calcium (mg/L)	GWC-9	1.568	No	0.01	Mann-W
Chloride (mg/L)	GWA-1 (bg)	-1.571	No	0.01	Mann-W
Chloride (mg/L)	GWA-11 (bg)	-2.175	No	0.01	Mann-W
Chloride (mg/L)	GWA-2 (bg)	-0.2708	No	0.01	Mann-W
Chloride (mg/L)	GWA-3 (bg)	-3.092	Yes	0.01	Mann-W
Chloride (mg/L)	GWA-4 (bg)	-2.553	No	0.01	Mann-W
Chloride (mg/L)	GWC-10	-1.795	No	0.01	Mann-W
Chloride (mg/L)	GWC-18	-2.661	Yes	0.01	Mann-W
Chloride (mg/L)	GWC-19	-2.62	Yes	0.01	Mann-W
Chloride (mg/L)	GWC-20	-2.537	No	0.01	Mann-W
Chloride (mg/L)	GWC-21	1.066	No	0.01	Mann-W
Chloride (mg/L)	GWC-22	-2.936	Yes	0.01	Mann-W
Chloride (mg/L)	GWC-23	-2.117	No	0.01	Mann-W
Chloride (mg/L)	GWC-5	-2.288	No	0.01	Mann-W
Chloride (mg/L)	GWC-6	-1.272	No	0.01	Mann-W
Chloride (mg/L)	GWC-7	0.6327	No	0.01	Mann-W
Chloride (mg/L)	GWC-8	0.08135	No	0.01	Mann-W
Chloride (mg/L)	GWC-9	-2.202	No	0.01	Mann-W
Fluoride (mg/L)	GWA-1 (bg)	-0.3145	No	0.01	Mann-W
Fluoride (mg/L)	GWA-11 (bg)	-0.3141	No	0.01	Mann-W
Fluoride (mg/L)	GWA-2 (bg)	-1.48	No	0.01	Mann-W
Fluoride (mg/L)	GWA-3 (bg)	-2.6	Yes	0.01	Mann-W
Fluoride (mg/L)	GWA-4 (bg)	-2.12	No	0.01	Mann-W
Fluoride (mg/L)	GWC-10	-1.033	No	0.01	Mann-W
Fluoride (mg/L)	GWC-18	-0.6323	No	0.01	Mann-W
Fluoride (mg/L)	GWC-19	-1.31	No	0.01	Mann-W
Fluoride (mg/L)	GWC-20	-0.08959	No	0.01	Mann-W
Fluoride (mg/L)	GWC-21	-0.6797	No	0.01	Mann-W
Fluoride (mg/L)	GWC-22	-0.1794	No	0.01	Mann-W
Fluoride (mg/L)	GWC-23	-0.6728	No	0.01	Mann-W
Fluoride (mg/L)	GWC-5	-0.2696	No	0.01	Mann-W
Fluoride (mg/L)	GWC-6	-0.4929	No	0.01	Mann-W
Fluoride (mg/L)	GWC-7	-1.843	No	0.01	Mann-W
Fluoride (mg/L)	GWC-8	-0.6849	No	0.01	Mann-W
Fluoride (mg/L)	GWC-9	-0.1797	No	0.01	Mann-W

Appendix III - Welch's t-test/Mann-Whitney - All Results

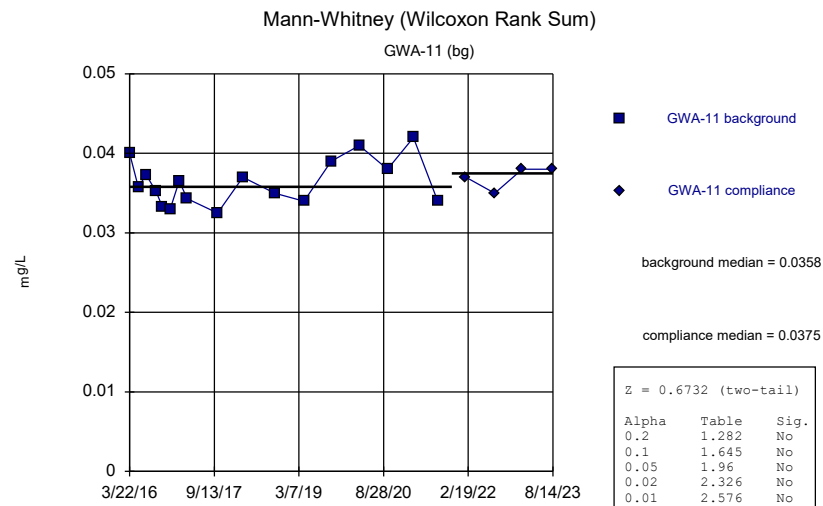
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Plant Hammond Data: Huffaker Road Landfill Printed 3/4/2024, 4:27 PM

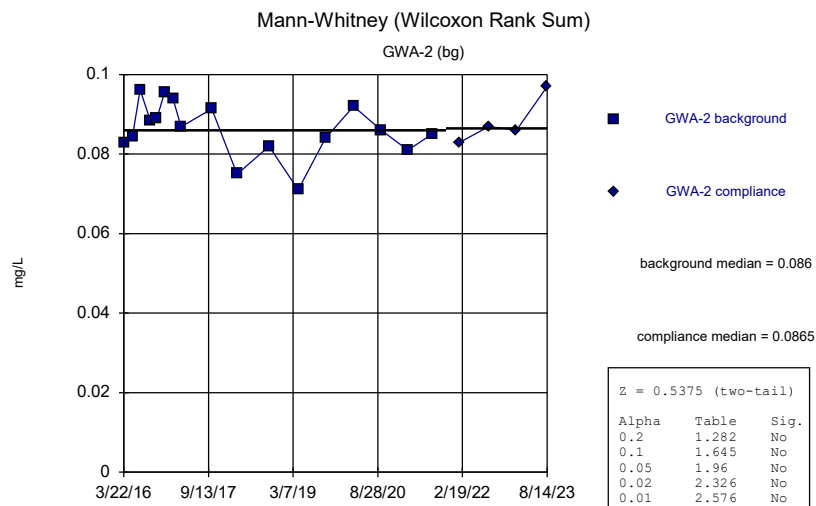
<u>Constituent</u>	<u>Well</u>	<u>Calc.</u>	<u>0.01</u>	<u>Alpha</u>	<u>Method</u>
pH (SU)	GWA-1 (bg)	2.468	No	0.01	Mann-W
pH (SU)	GWA-11 (bg)	1.434	No	0.01	Mann-W
pH (SU)	GWA-2 (bg)	1.616	No	0.01	Mann-W
pH (SU)	GWA-3 (bg)	-1.3	No	0.01	Mann-W
pH (SU)	GWA-4 (bg)	1.076	No	0.01	Mann-W
pH (SU)	GWC-10	2.215	No	0.01	Mann-W
pH (SU)	GWC-18	0	No	0.01	Mann-W
pH (SU)	GWC-19	1.301	No	0.01	Mann-W
pH (SU)	GWC-20	2.094	No	0.01	Mann-W
pH (SU)	GWC-21	-1.613	No	0.01	Mann-W
pH (SU)	GWC-22	0.8943	No	0.01	Mann-W
pH (SU)	GWC-23	-0.04488	No	0.01	Mann-W
pH (SU)	GWC-5	1.39	No	0.01	Mann-W
pH (SU)	GWC-6	1.828	No	0.01	Mann-W
pH (SU)	GWC-7	-0.2129	No	0.01	Mann-W
pH (SU)	GWC-8	-0.2714	No	0.01	Mann-W
pH (SU)	GWC-9	1.389	No	0.01	Mann-W
Sulfate (mg/L)	GWA-1 (bg)	-3.106	Yes	0.01	Mann-W
Sulfate (mg/L)	GWA-11 (bg)	-2.925	Yes	0.01	Mann-W
Sulfate (mg/L)	GWA-2 (bg)	2.824	Yes	0.01	Mann-W
Sulfate (mg/L)	GWA-3 (bg)	-3.051	Yes	0.01	Mann-W
Sulfate (mg/L)	GWA-4 (bg)	-1.12	No	0.01	Mann-W
Sulfate (mg/L)	GWC-10	-1.492	No	0.01	Mann-W
Sulfate (mg/L)	GWC-18	-2.599	Yes	0.01	Mann-W
Sulfate (mg/L)	GWC-19	2.375	No	0.01	Mann-W
Sulfate (mg/L)	GWC-20	2.546	No	0.01	Mann-W
Sulfate (mg/L)	GWC-21	-2.644	Yes	0.01	Mann-W
Sulfate (mg/L)	GWC-22	-0.6278	No	0.01	Mann-W
Sulfate (mg/L)	GWC-23	-0.05004	No	0.01	Mann-W
Sulfate (mg/L)	GWC-5	0.45	No	0.01	Mann-W
Sulfate (mg/L)	GWC-6	-2.016	No	0.01	Mann-W
Sulfate (mg/L)	GWC-7	-0.2693	No	0.01	Mann-W
Sulfate (mg/L)	GWC-8	-2.463	No	0.01	Mann-W
Sulfate (mg/L)	GWC-9	0.3836	No	0.01	Mann-W
Total Dissolved Solids (mg/L)	GWA-1 (bg)	0.08965	No	0.01	Mann-W
Total Dissolved Solids (mg/L)	GWA-11 (bg)	0.08991	No	0.01	Mann-W
Total Dissolved Solids (mg/L)	GWA-2 (bg)	2.779	Yes	0.01	Mann-W
Total Dissolved Solids (mg/L)	GWA-3 (bg)	-3.051	Yes	0.01	Mann-W
Total Dissolved Solids (mg/L)	GWA-4 (bg)	-0.6675	No	0.01	Mann-W
Total Dissolved Solids (mg/L)	GWC-10	0.1343	No	0.01	Mann-W
Total Dissolved Solids (mg/L)	GWC-18	0.5674	No	0.01	Mann-W
Total Dissolved Solids (mg/L)	GWC-19	-0.1418	No	0.01	Mann-W
Total Dissolved Solids (mg/L)	GWC-20	2.644	Yes	0.01	Mann-W
Total Dissolved Solids (mg/L)	GWC-21	-1.461	No	0.01	Mann-W
Total Dissolved Solids (mg/L)	GWC-22	0.08971	No	0.01	Mann-W
Total Dissolved Solids (mg/L)	GWC-23	0.2239	No	0.01	Mann-W
Total Dissolved Solids (mg/L)	GWC-5	-0.2241	No	0.01	Mann-W
Total Dissolved Solids (mg/L)	GWC-6	0.6086	No	0.01	Mann-W
Total Dissolved Solids (mg/L)	GWC-7	-0.0448	No	0.01	Mann-W
Total Dissolved Solids (mg/L)	GWC-8	0.8519	No	0.01	Mann-W
Total Dissolved Solids (mg/L)	GWC-9	0.7625	No	0.01	Mann-W



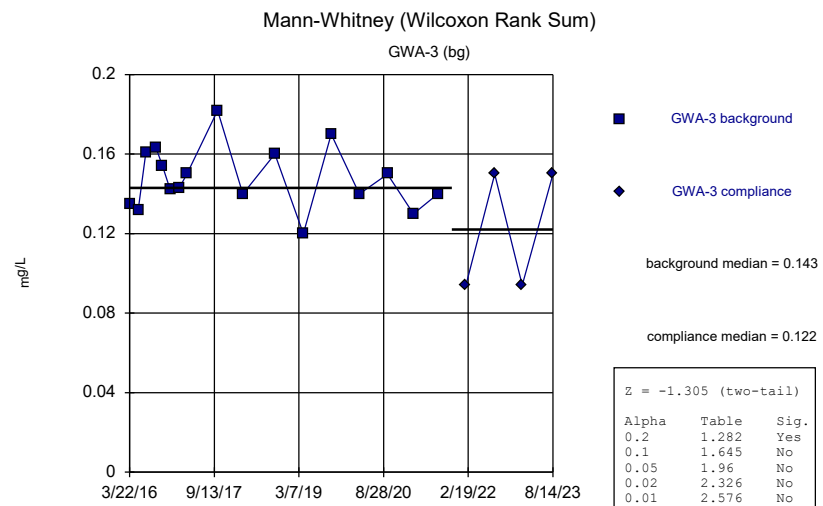
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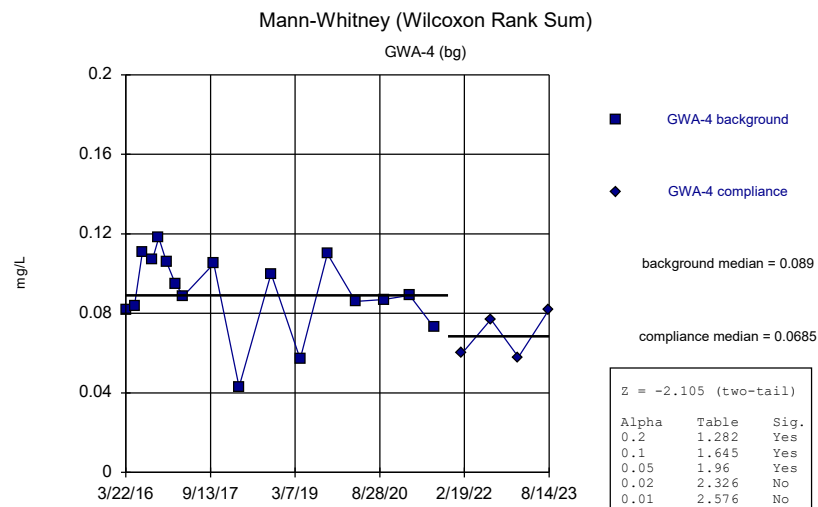
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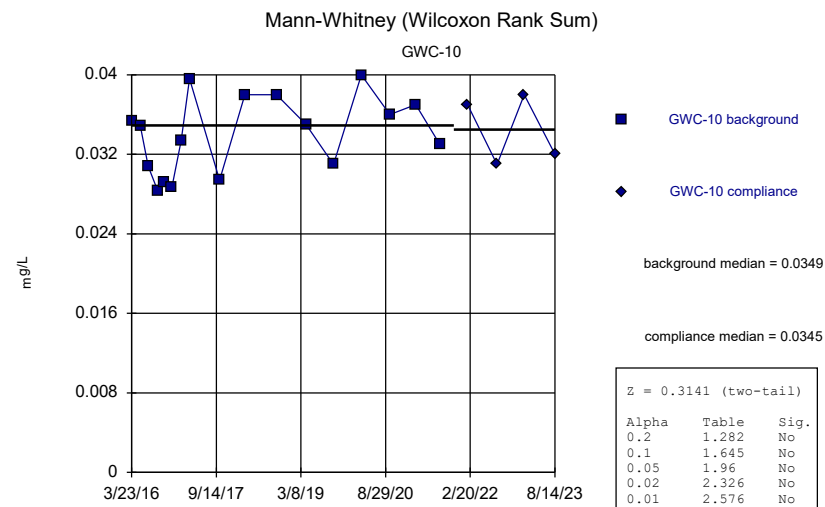
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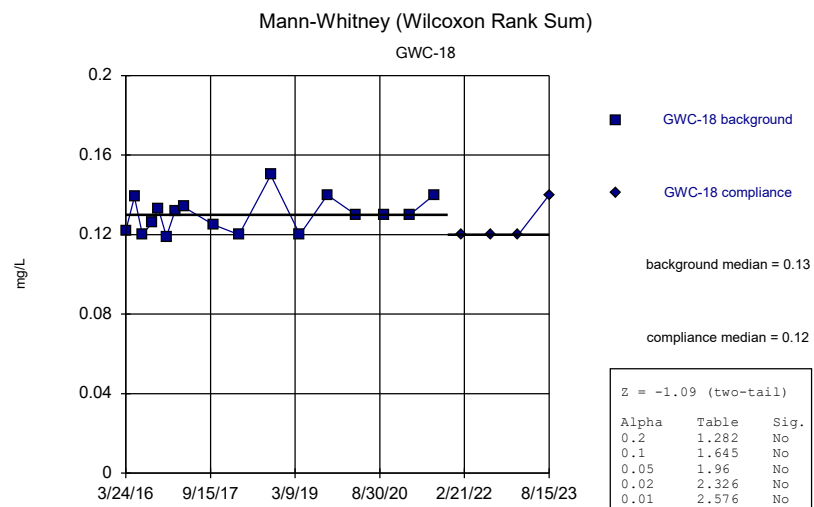
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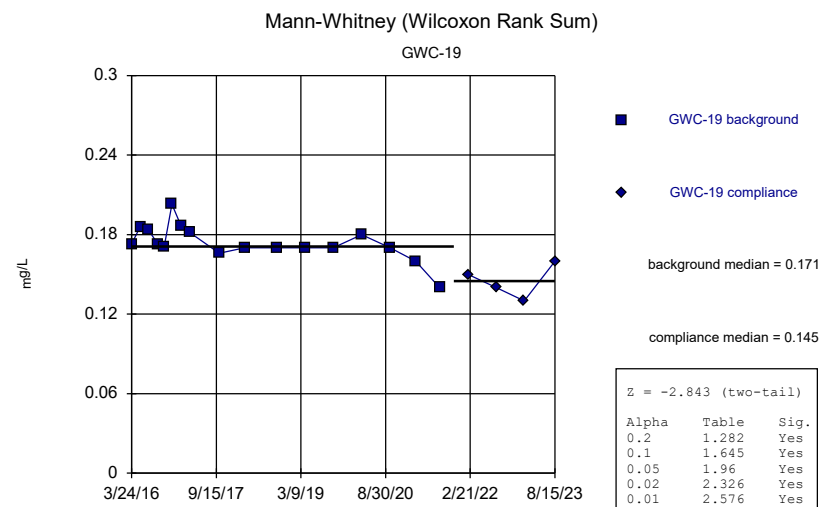
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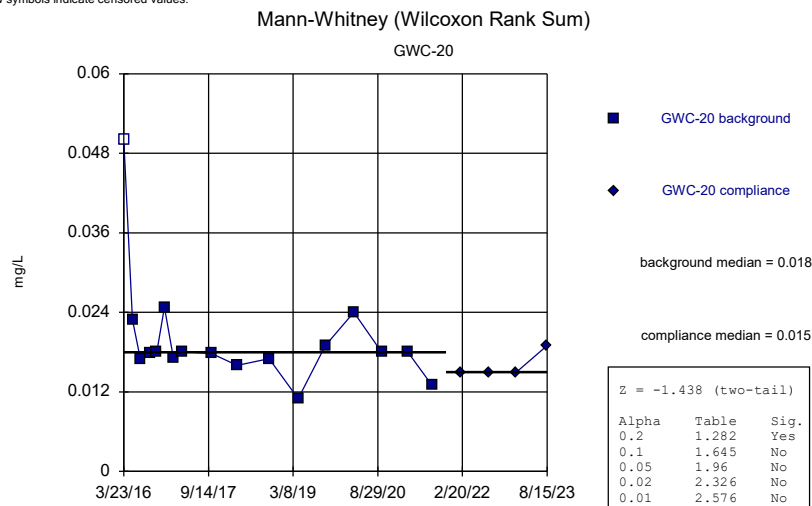
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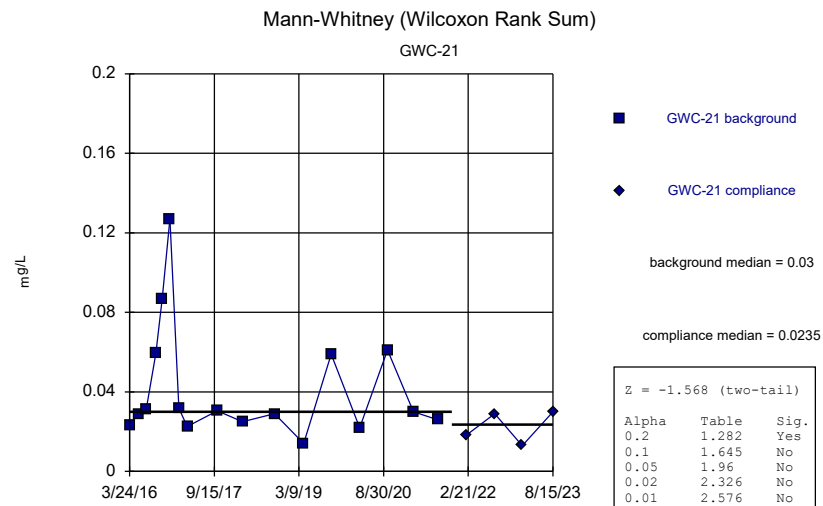
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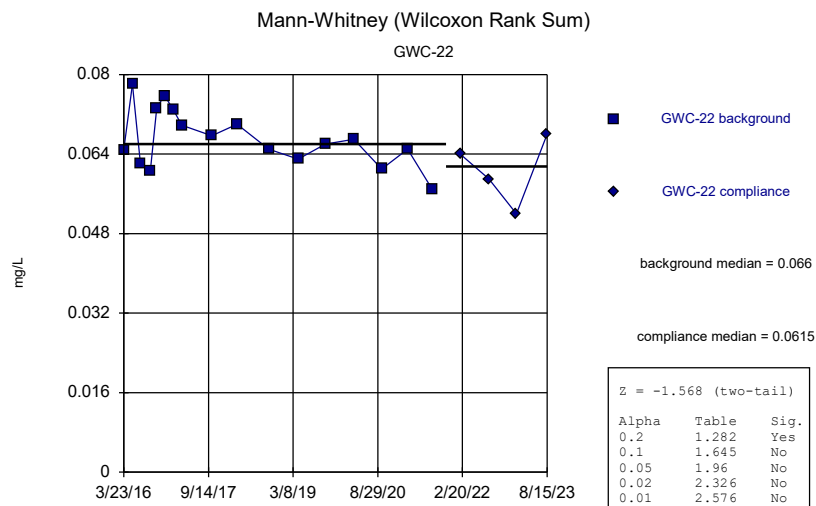
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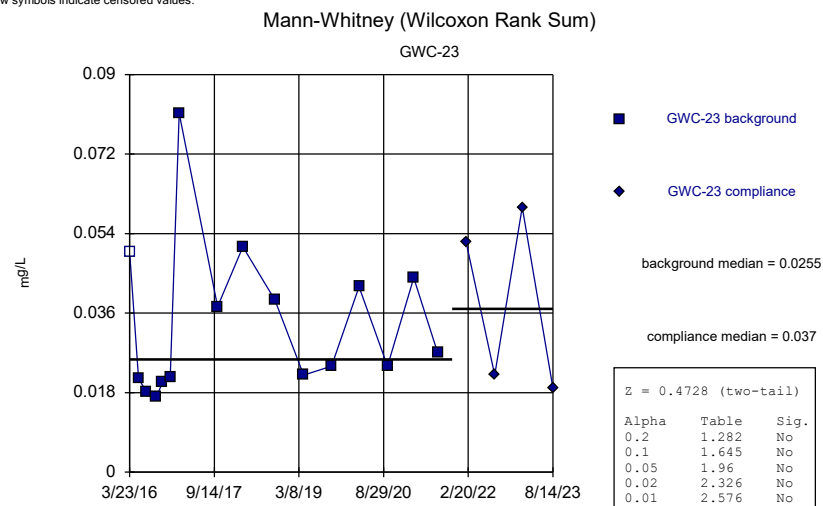
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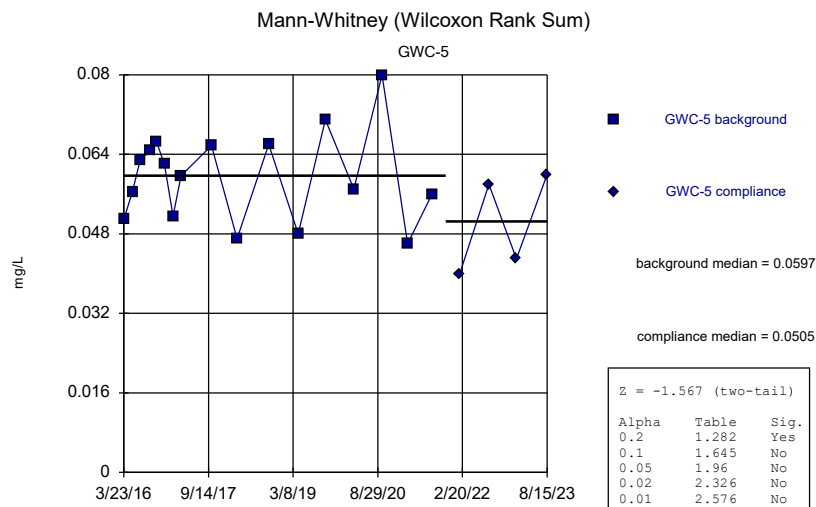
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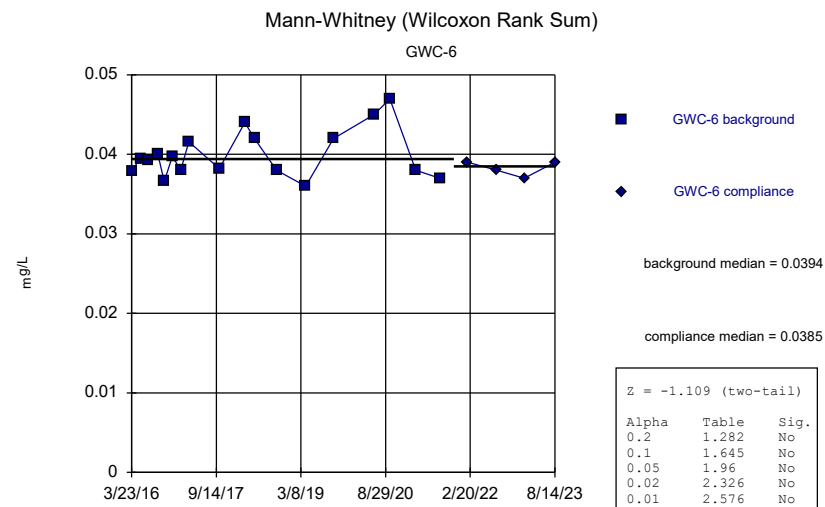
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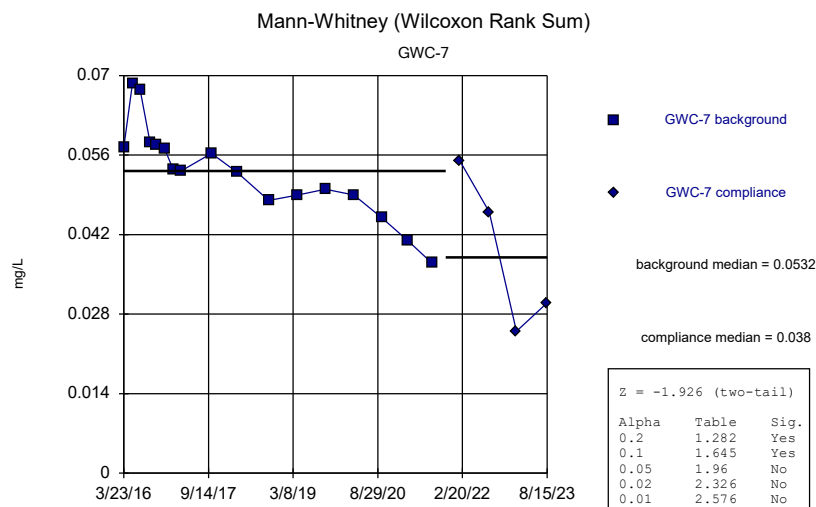
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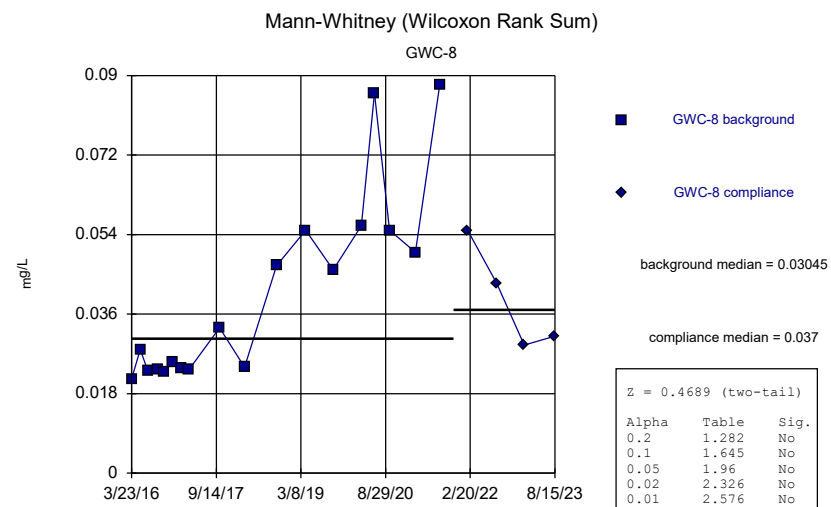
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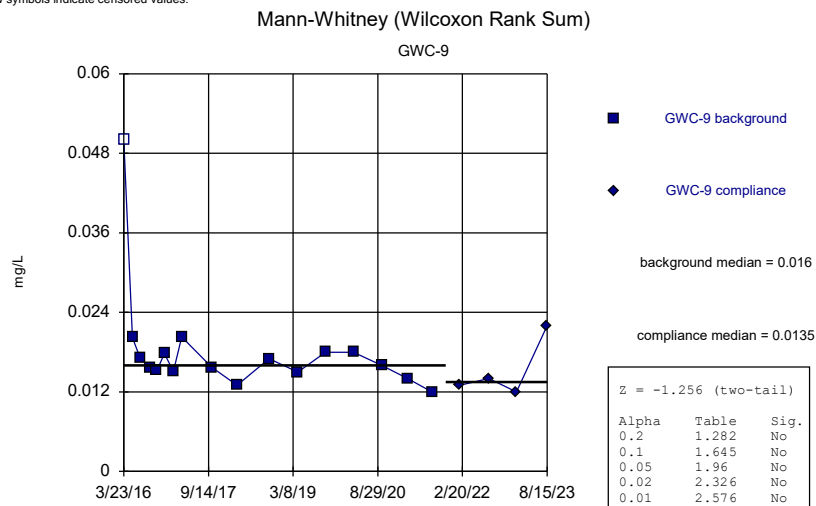
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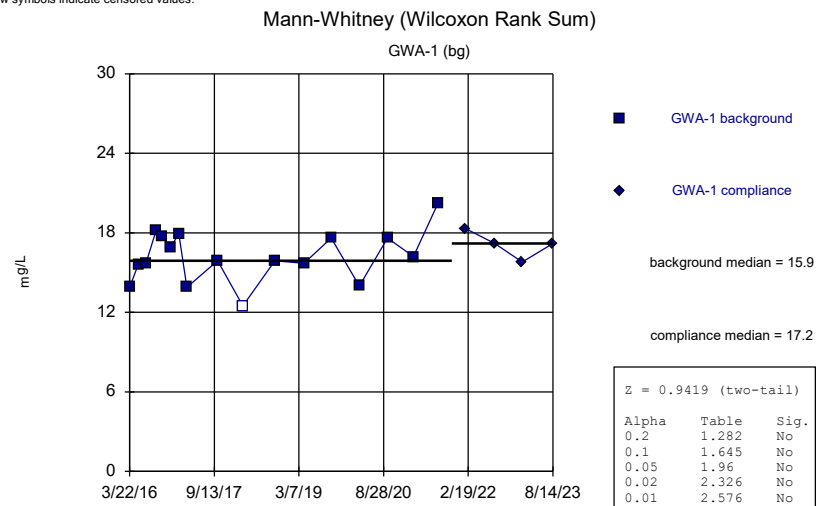
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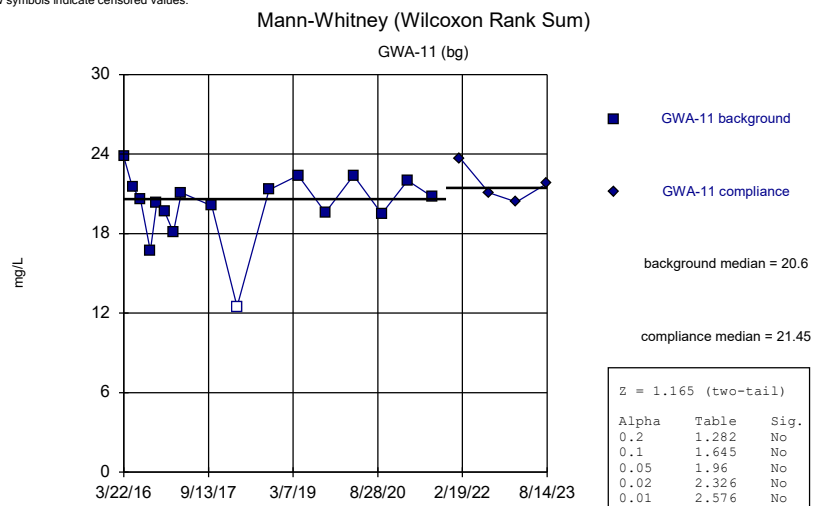
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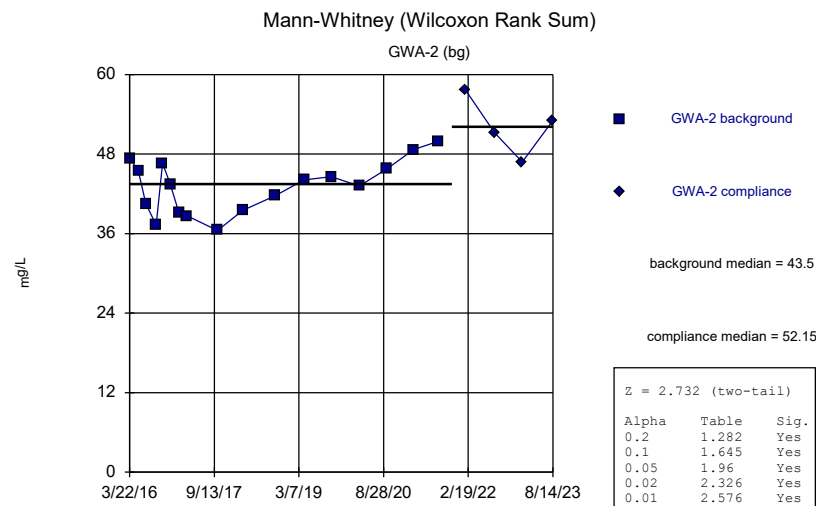
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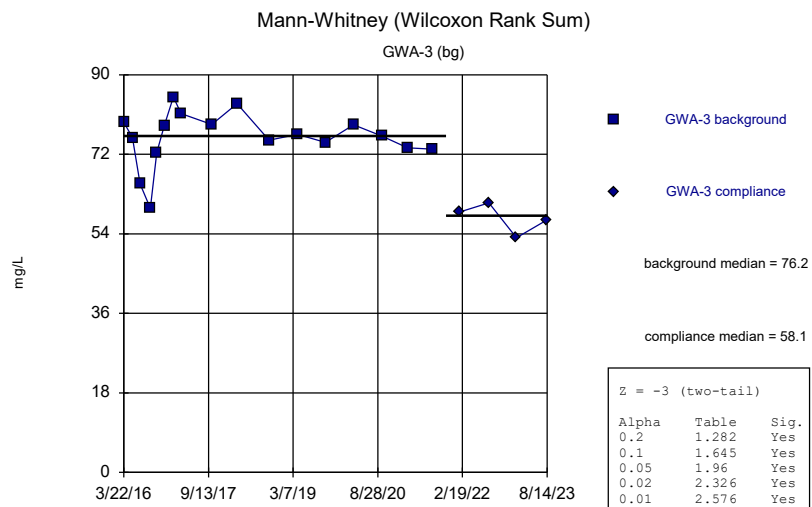
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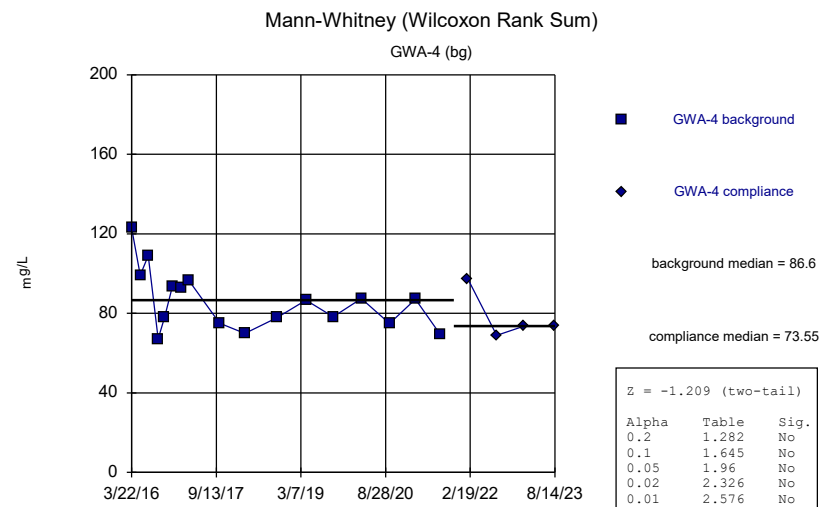
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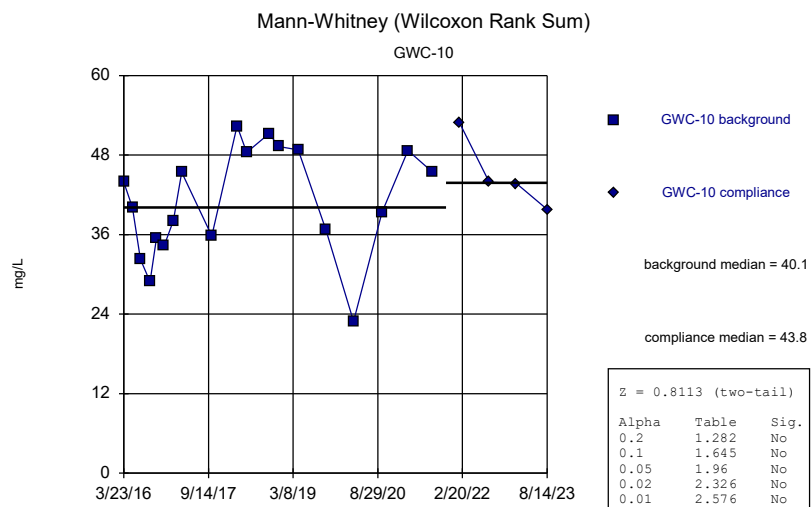
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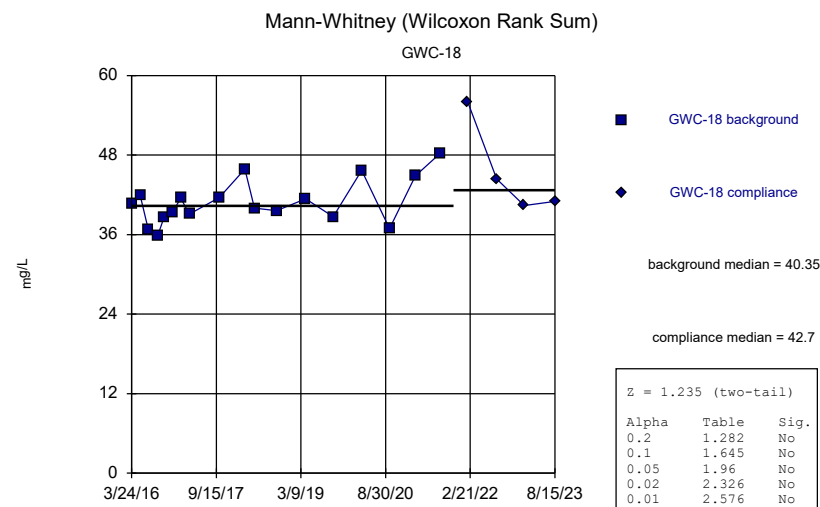
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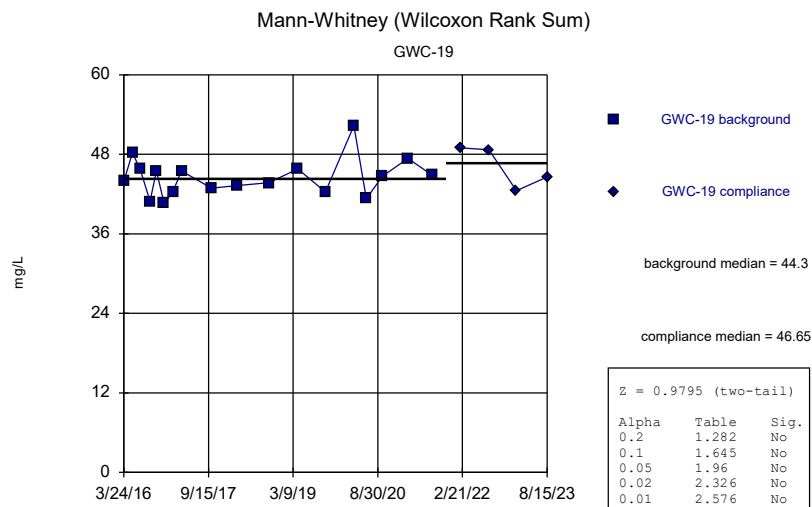
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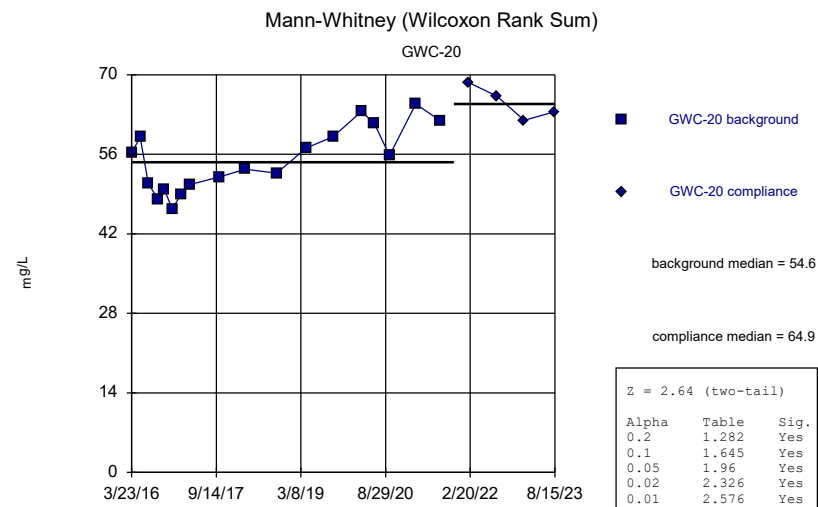
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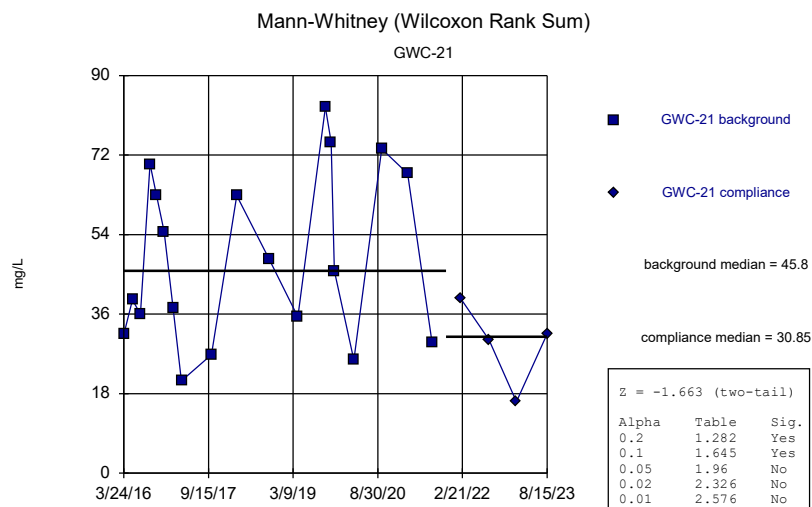
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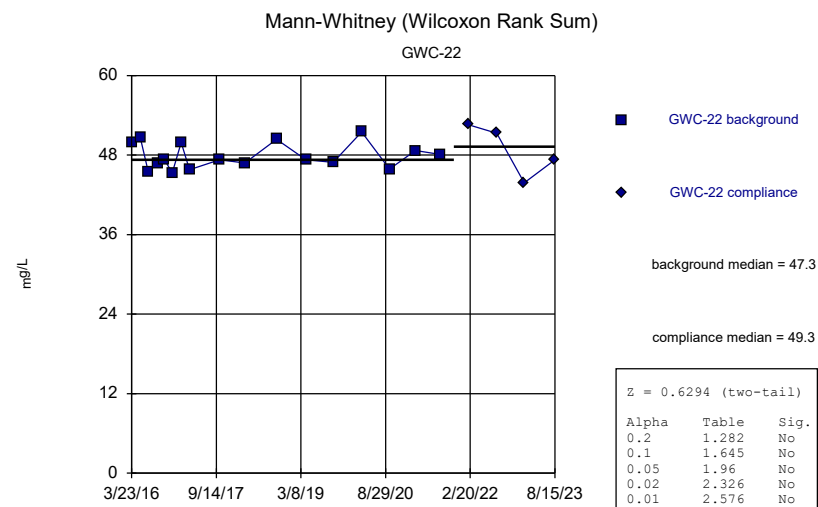
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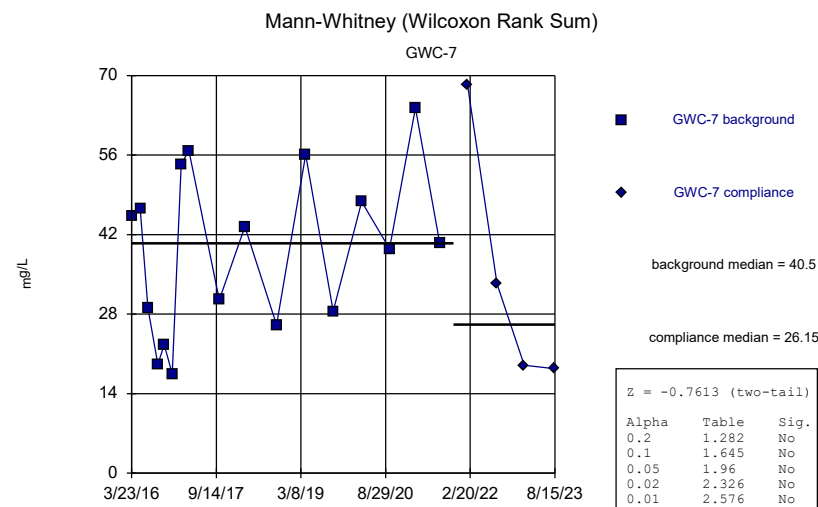
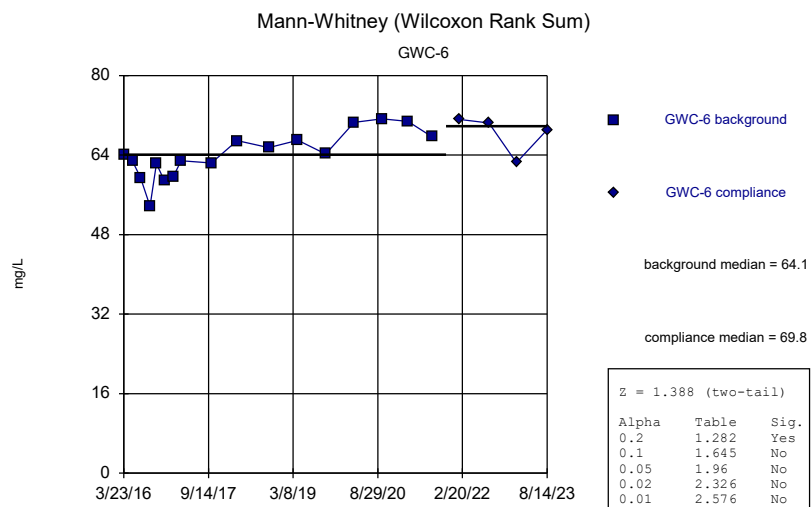
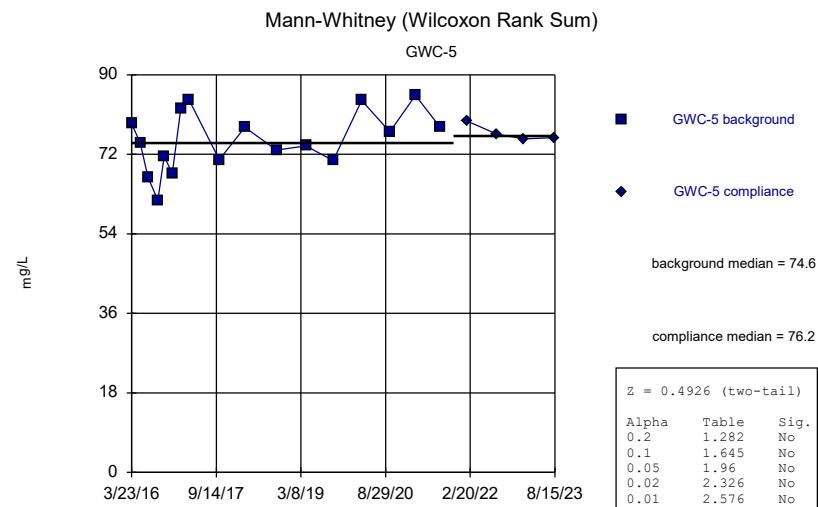
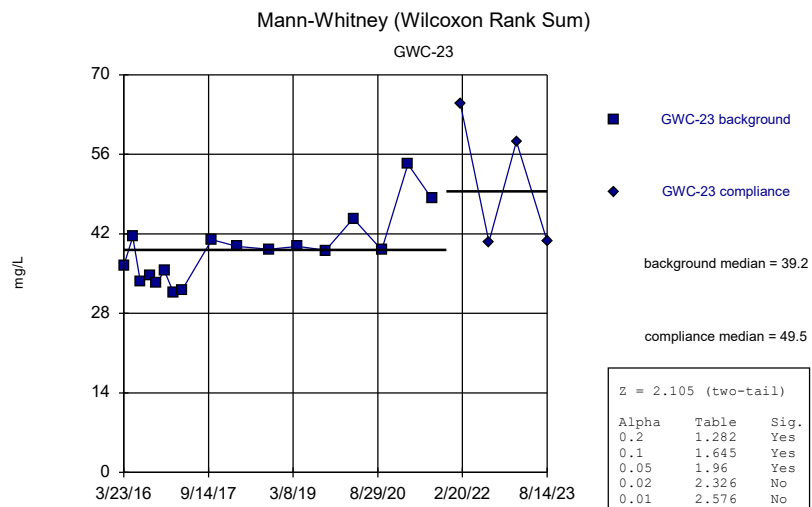
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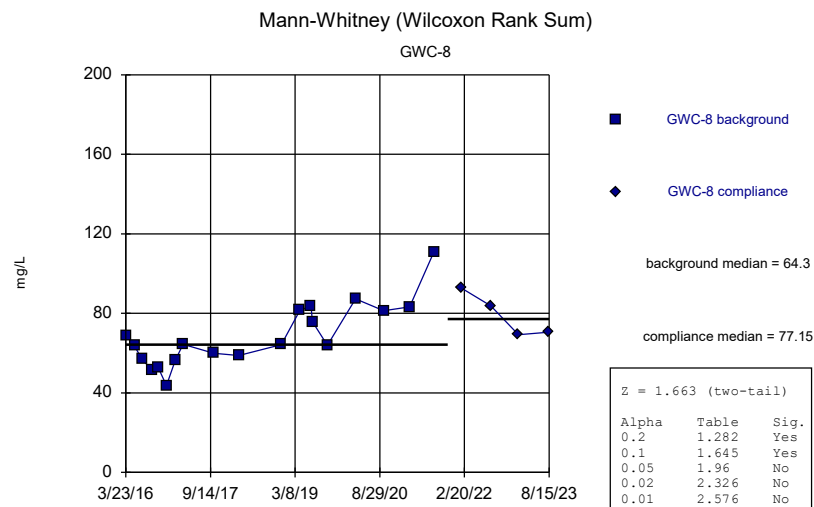


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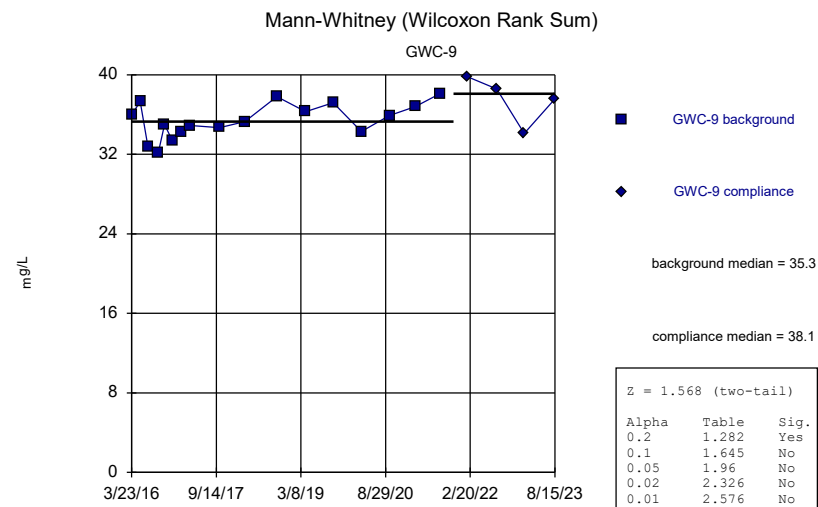


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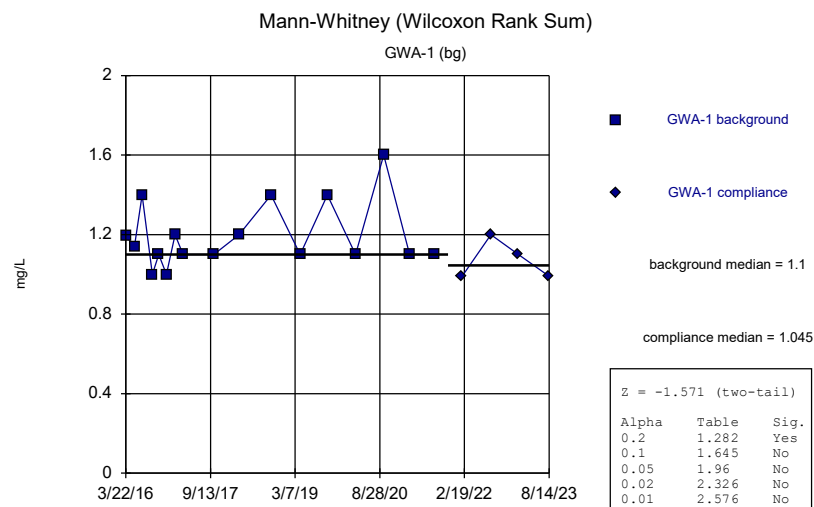




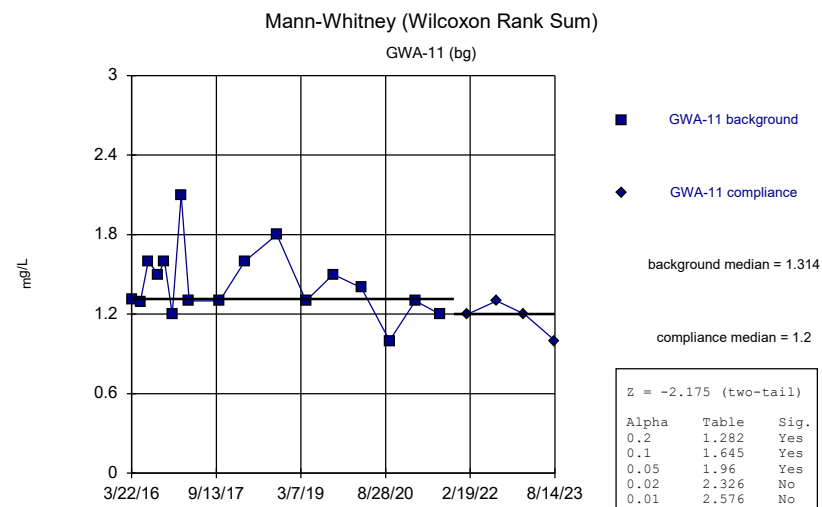
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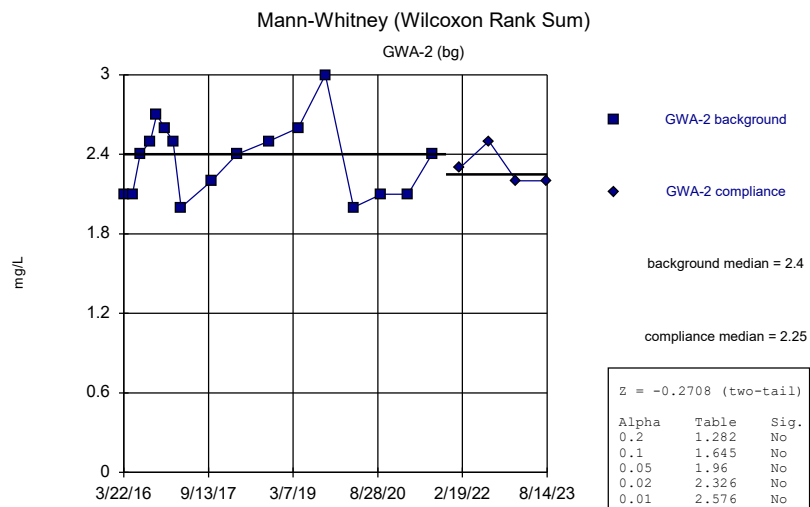
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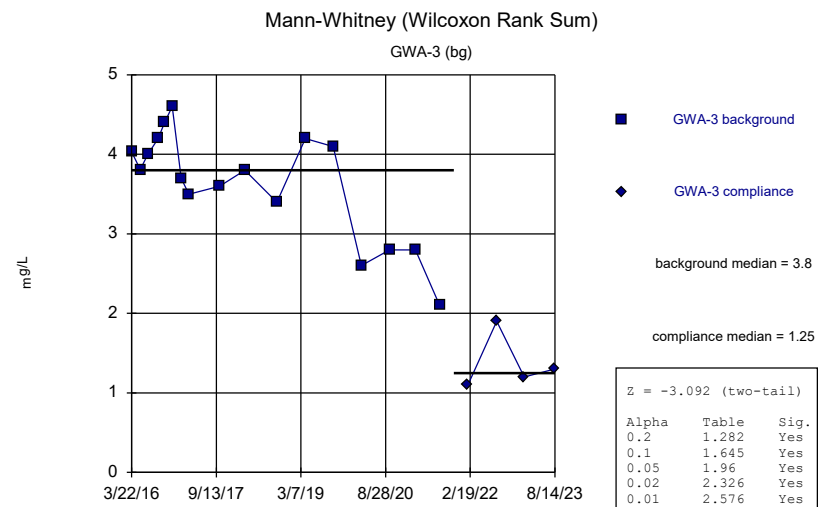
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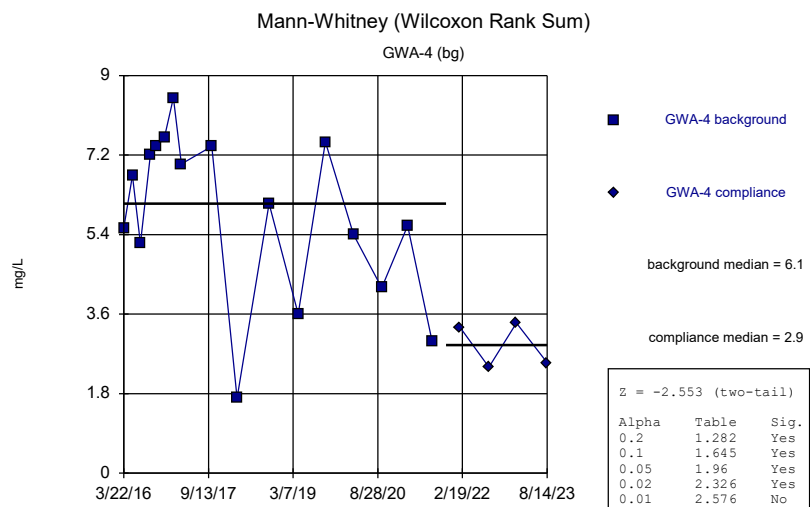
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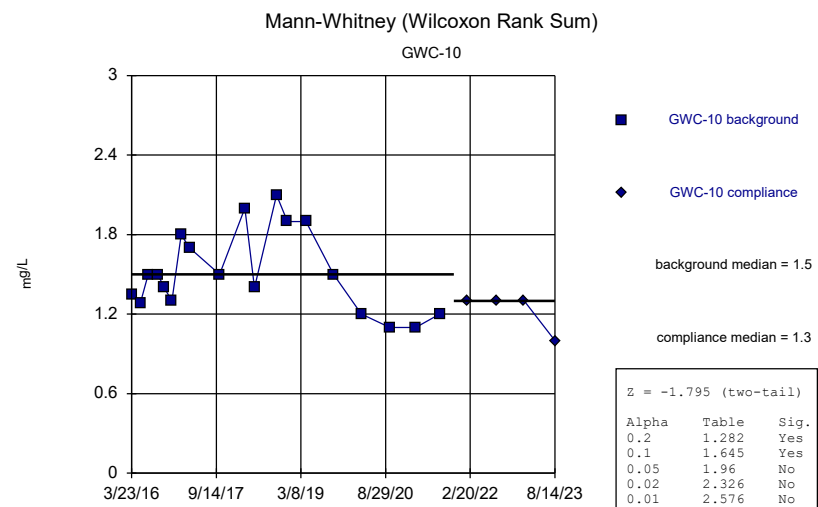
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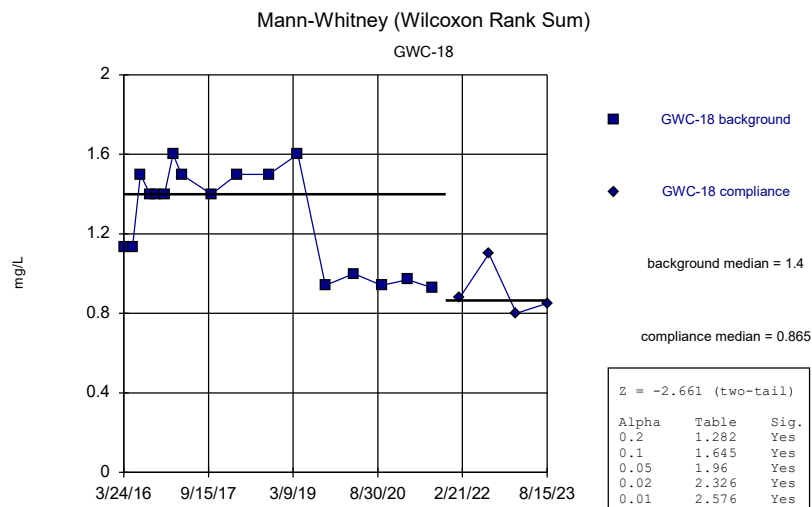
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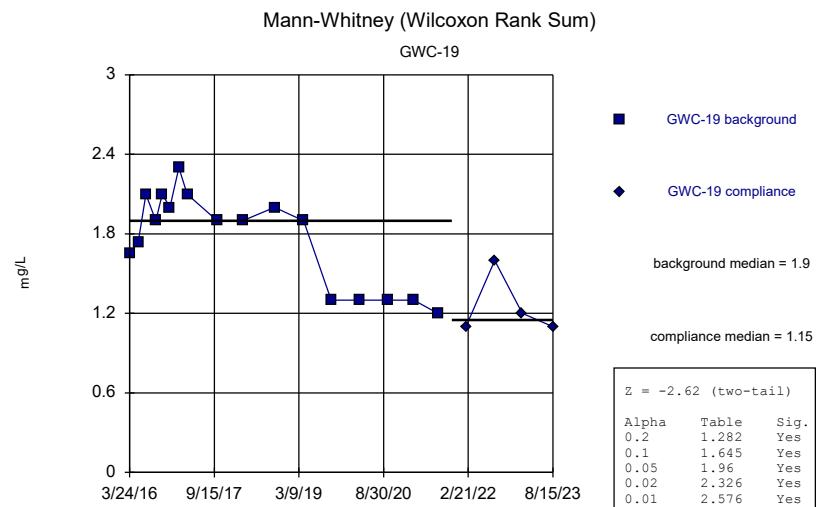
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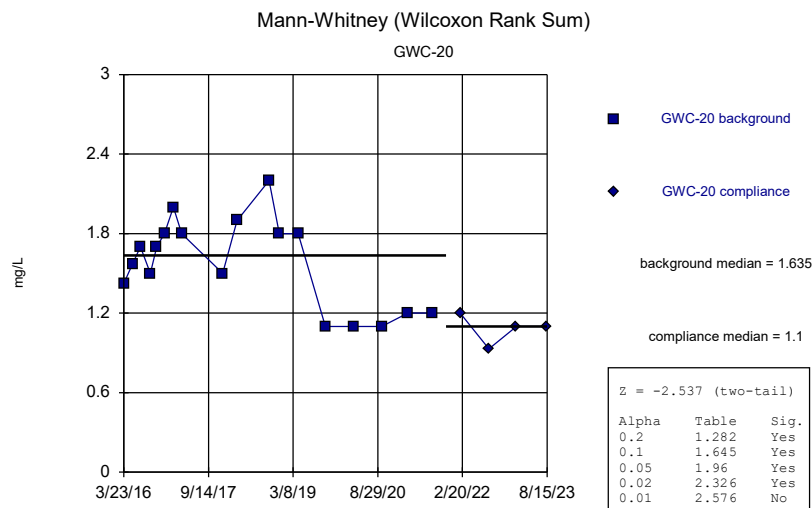
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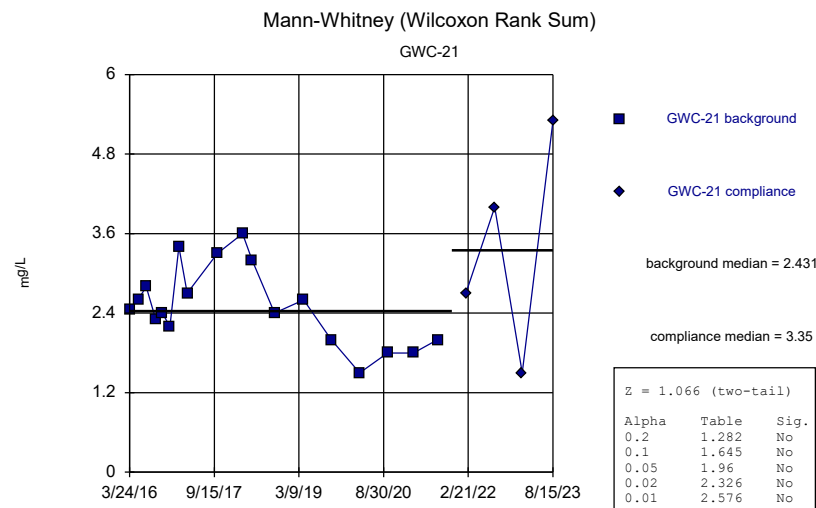
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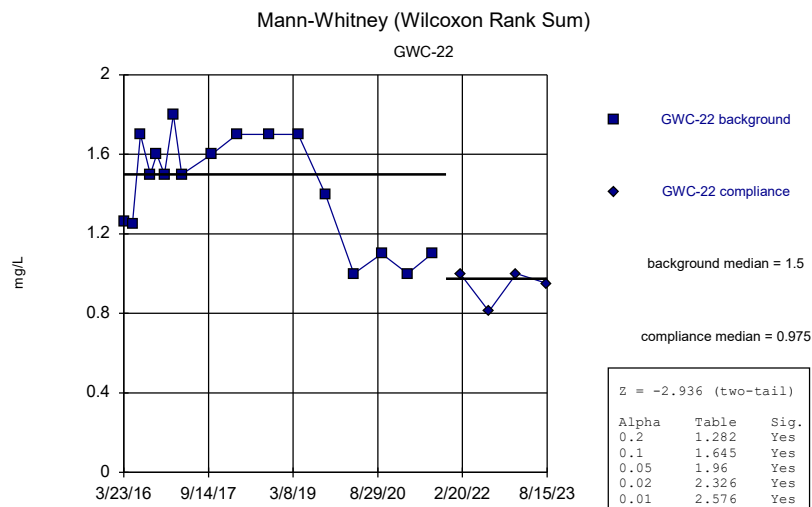
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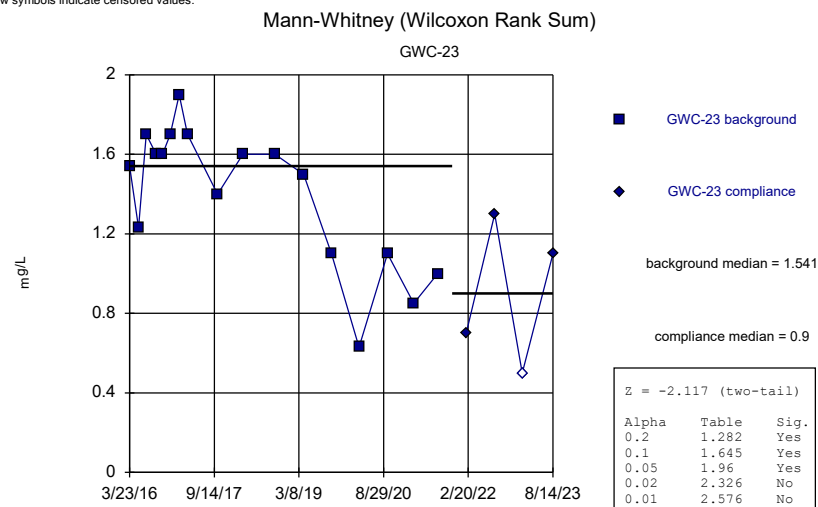
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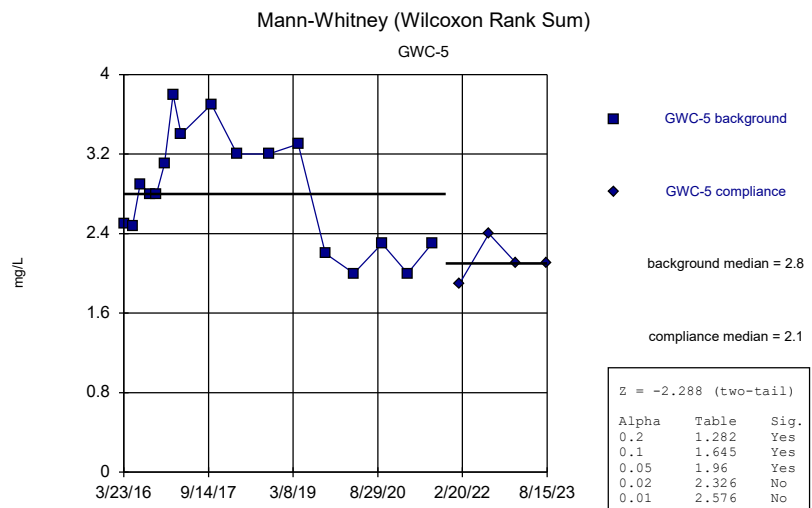
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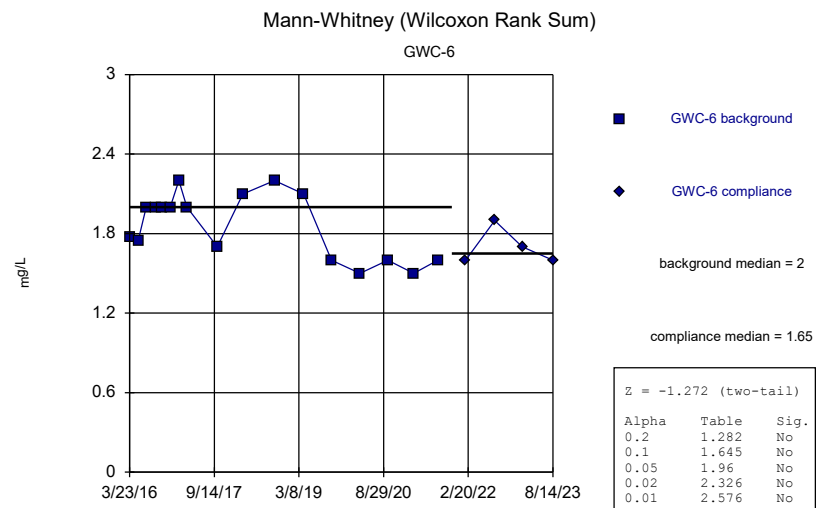
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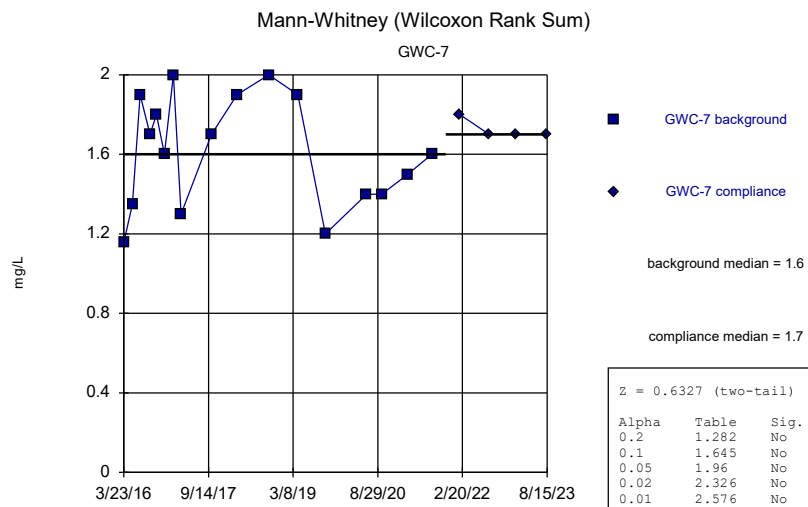
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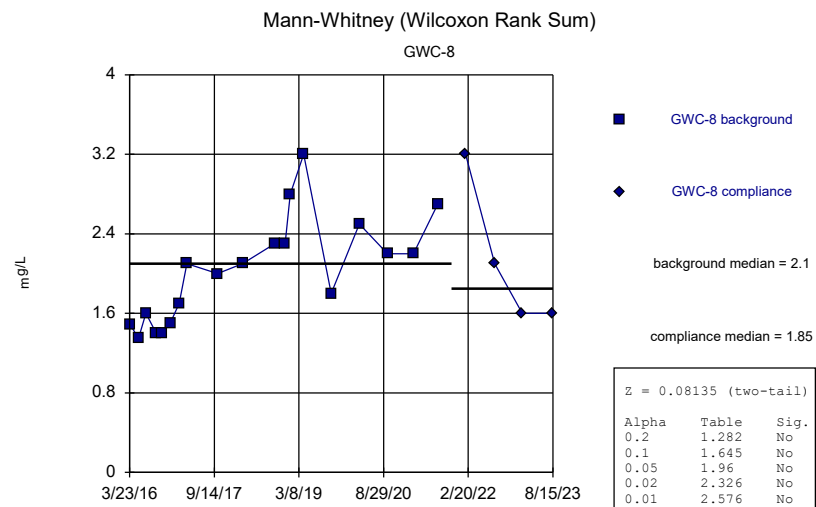
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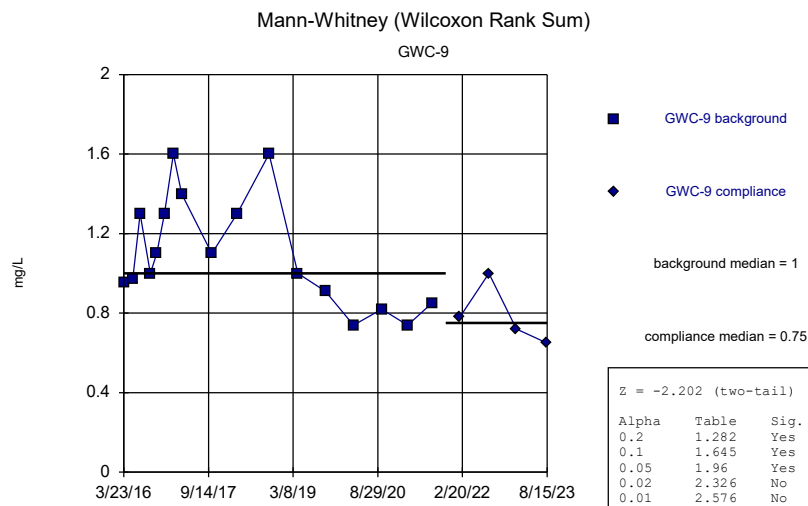
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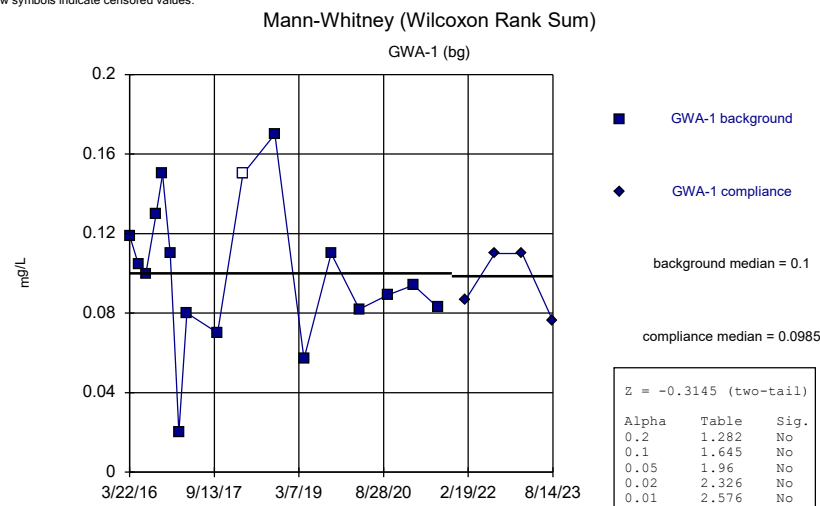
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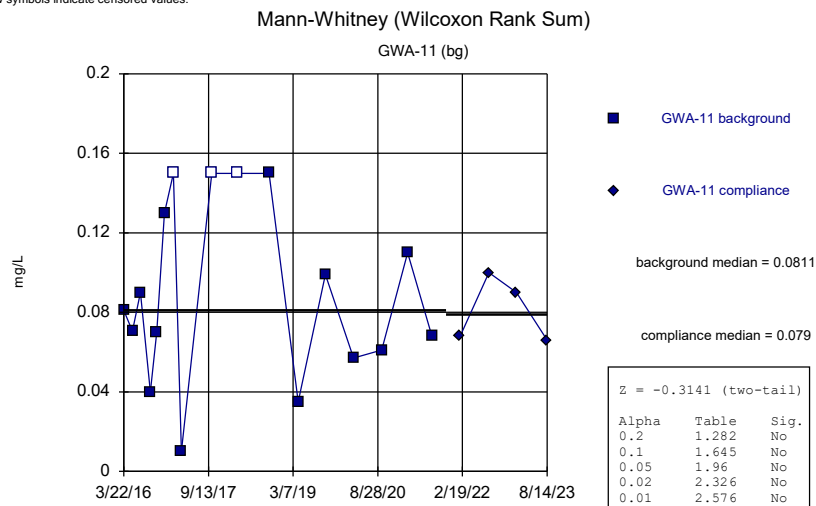
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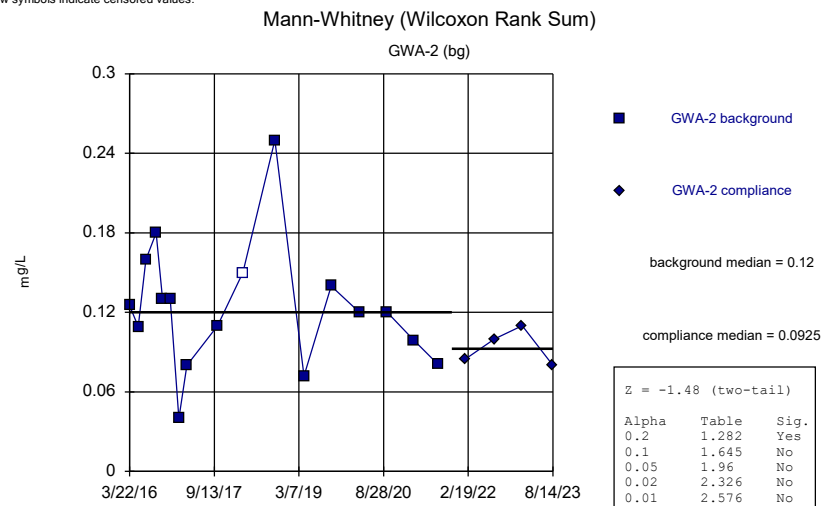
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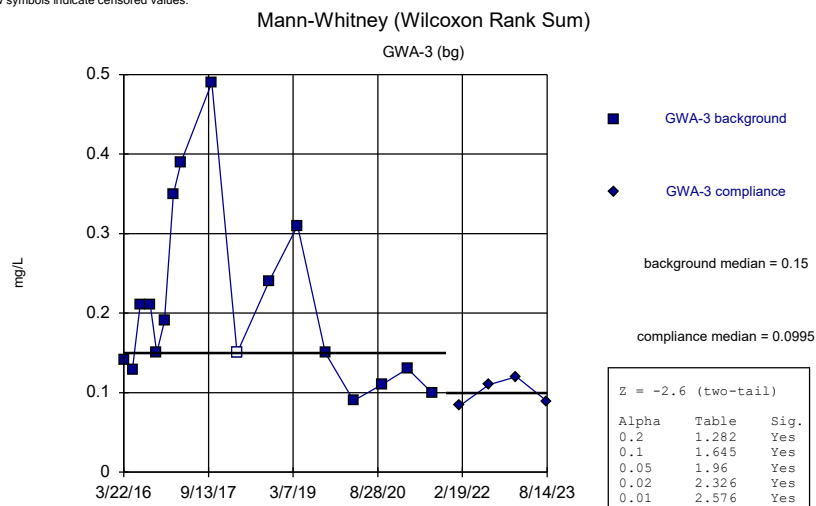
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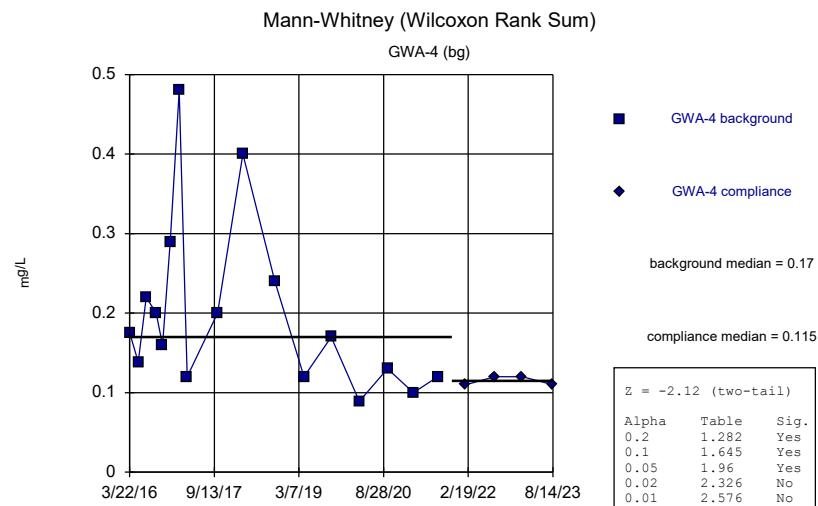
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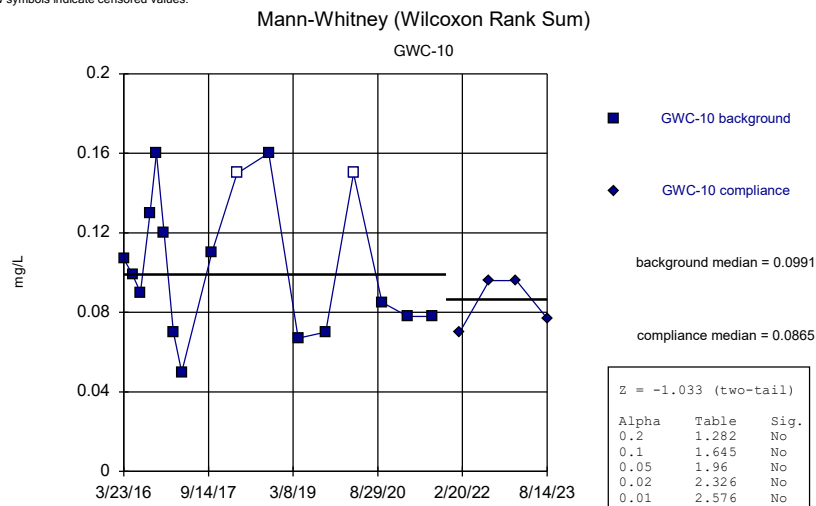
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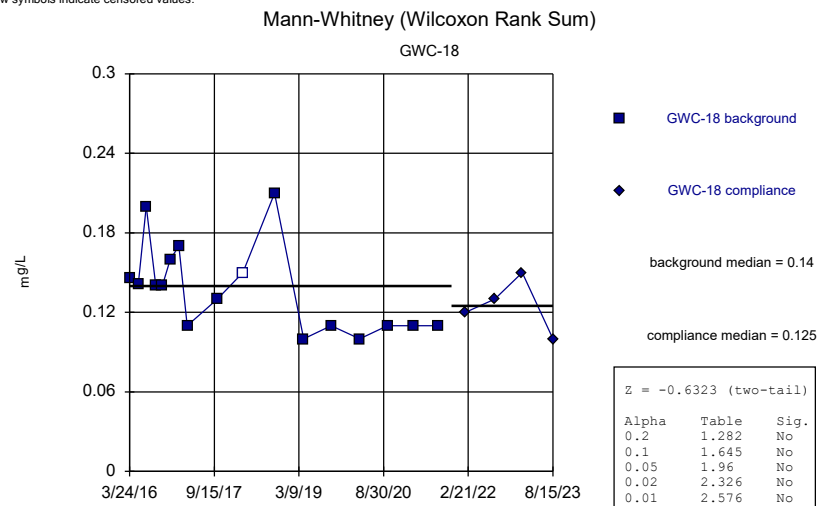
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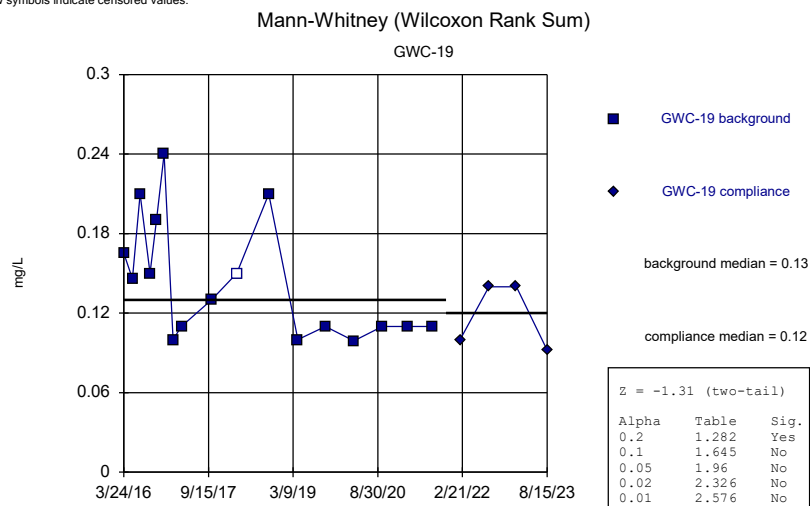
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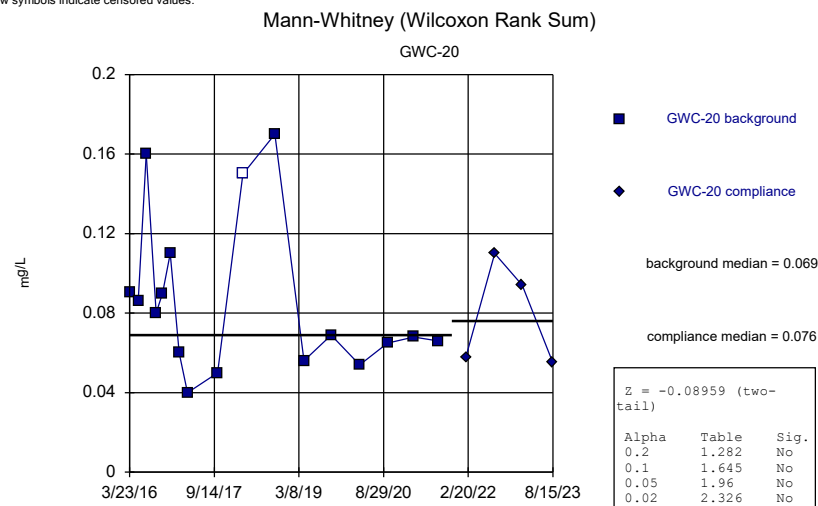
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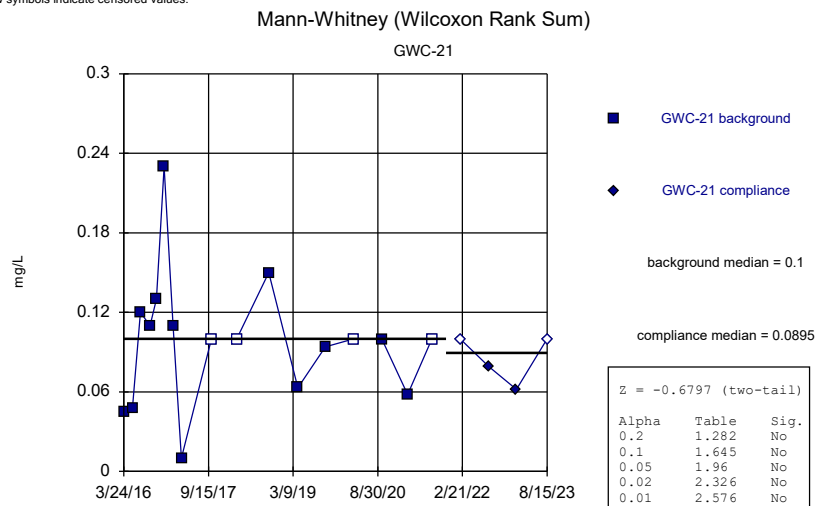
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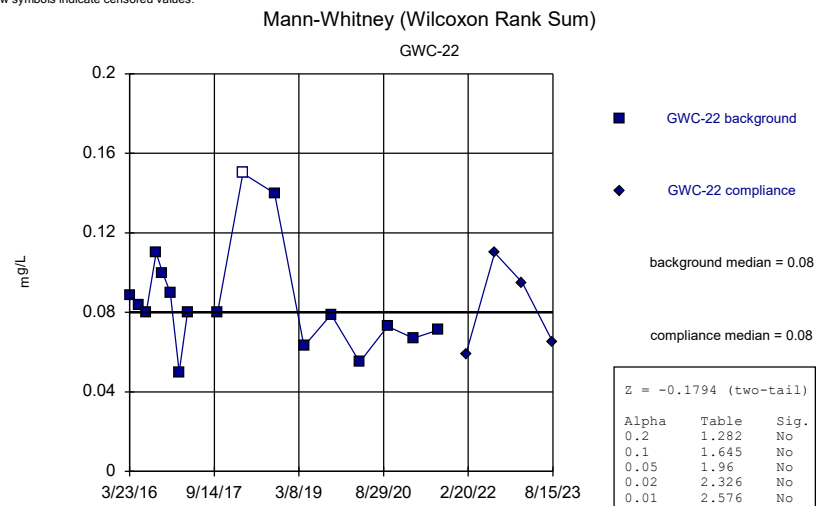
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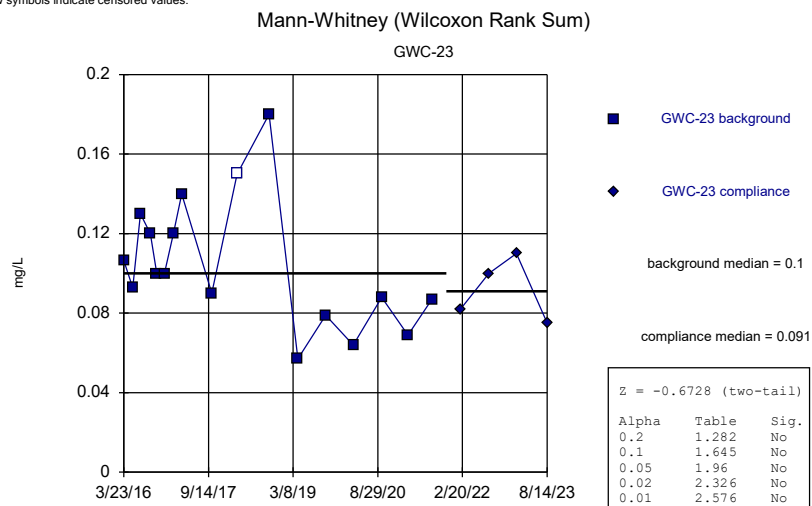
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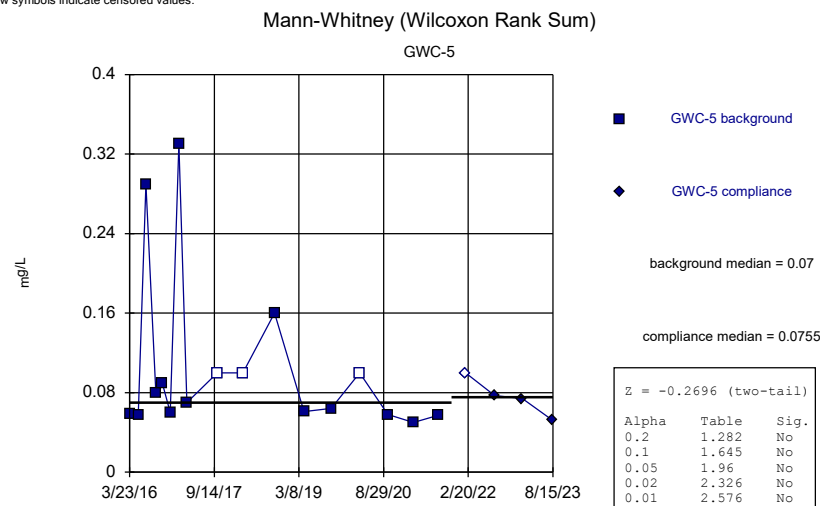
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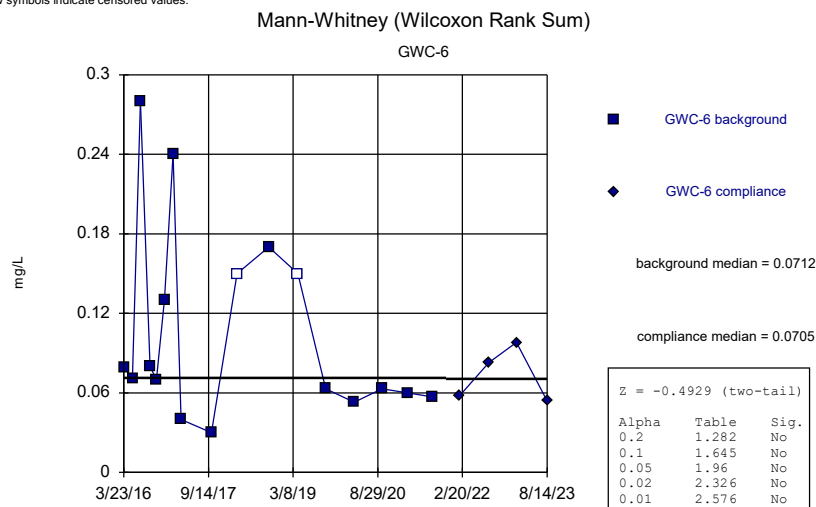
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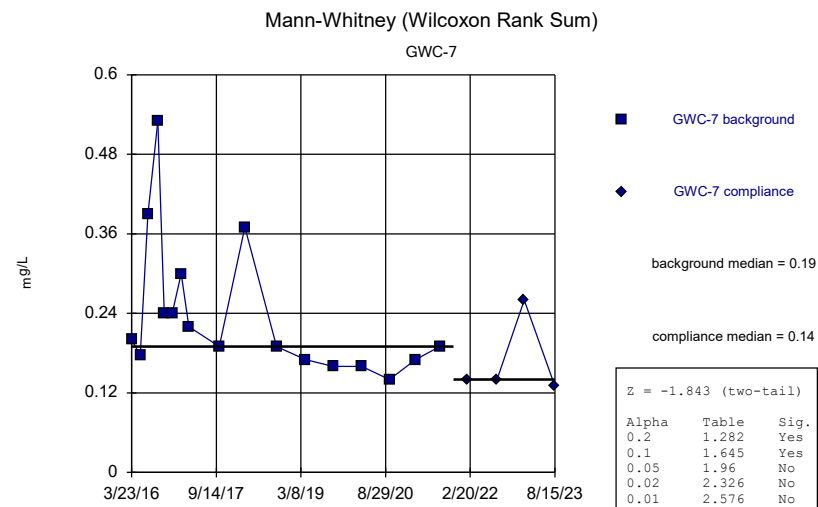
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Plant Hammond Data: Huffaker Road Landfill



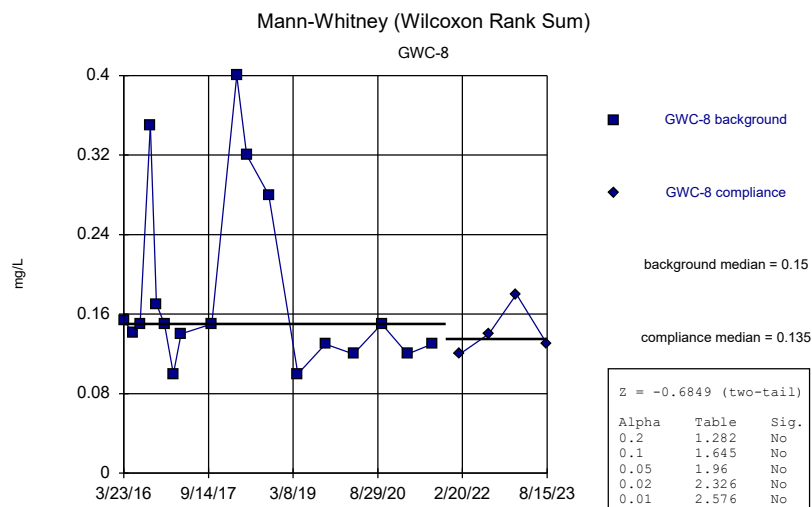
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Plant Hammond Data: Huffaker Road Landfill



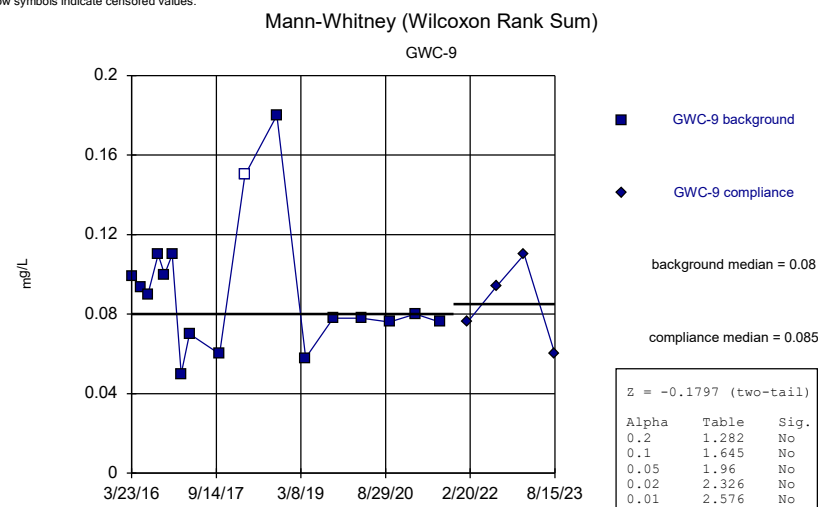
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Plant Hammond Data: Huffaker Road Landfill



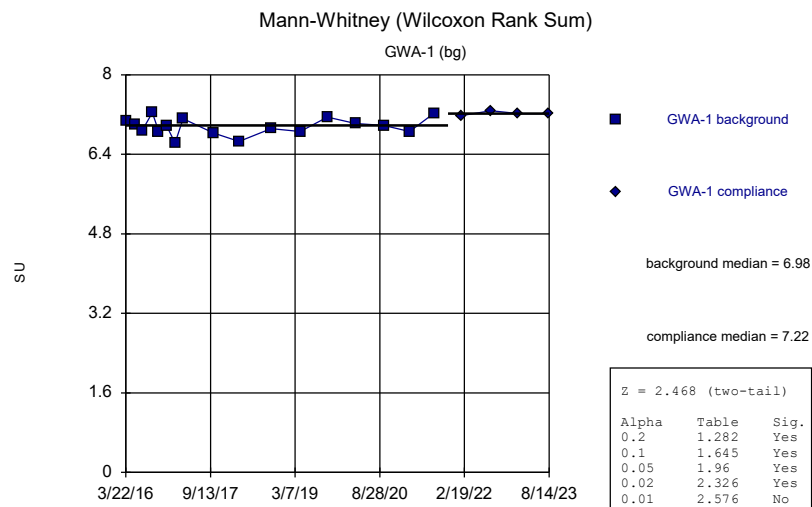
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Plant Hammond Data: Huffaker Road Landfill



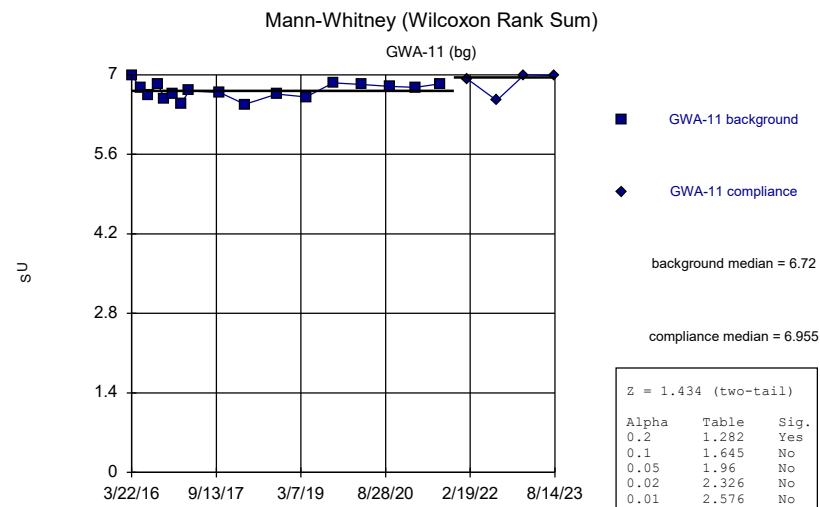
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Plant Hammond Data: Huffaker Road Landfill



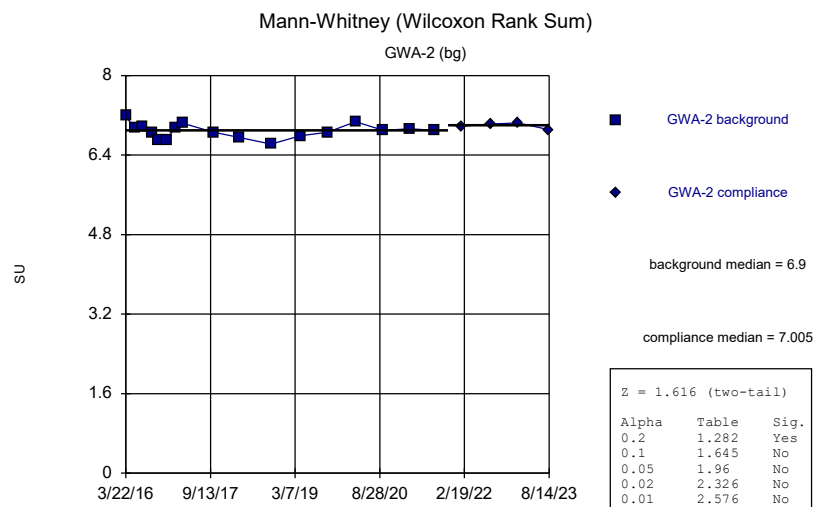
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Plant Hammond Data: Huffaker Road Landfill



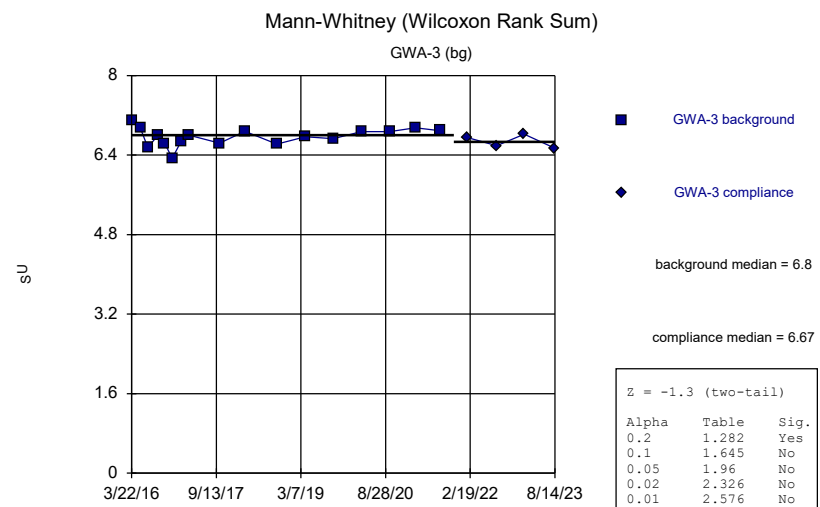
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Plant Hammond Data: Huffaker Road Landfill



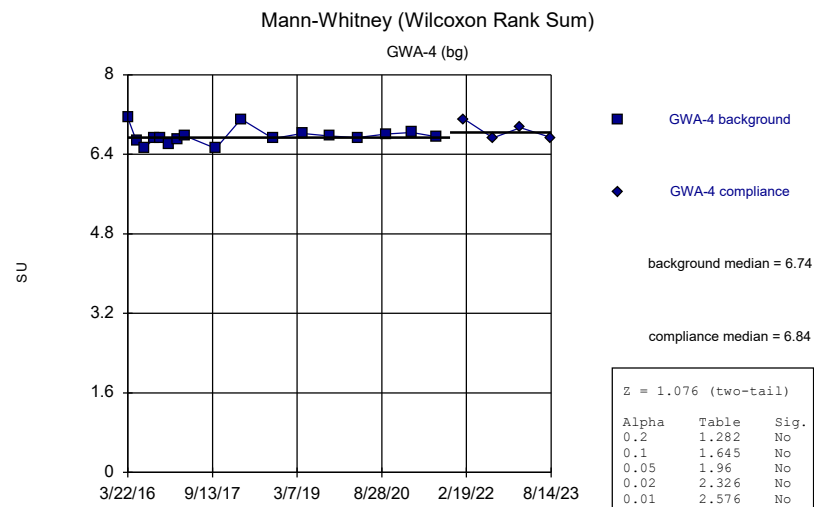
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Plant Hammond Data: Huffaker Road Landfill



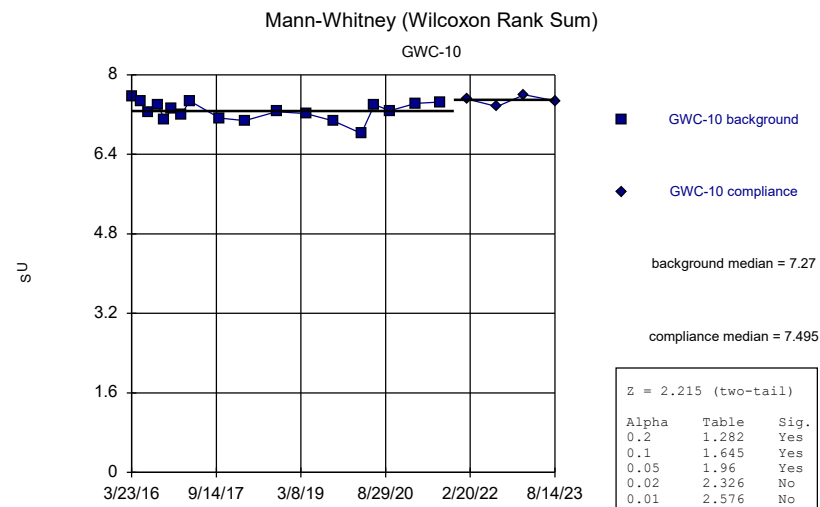
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Plant Hammond Data: Huffaker Road Landfill



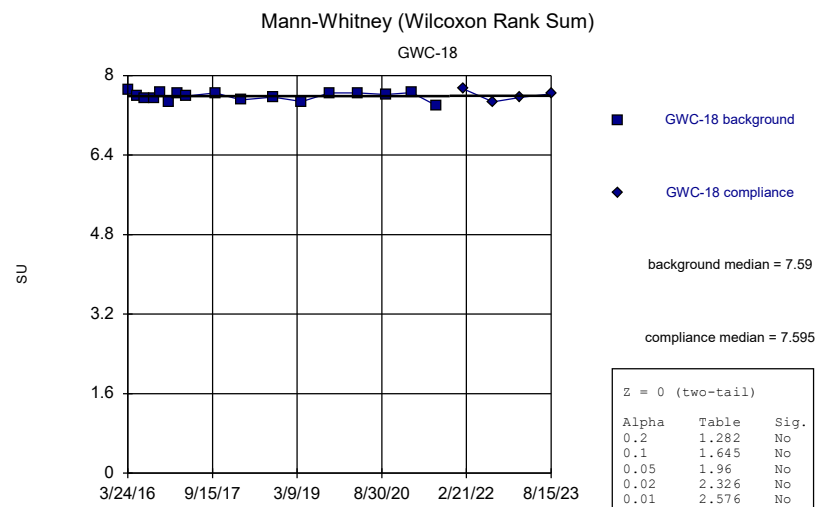
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Plant Hammond Data: Huffaker Road Landfill



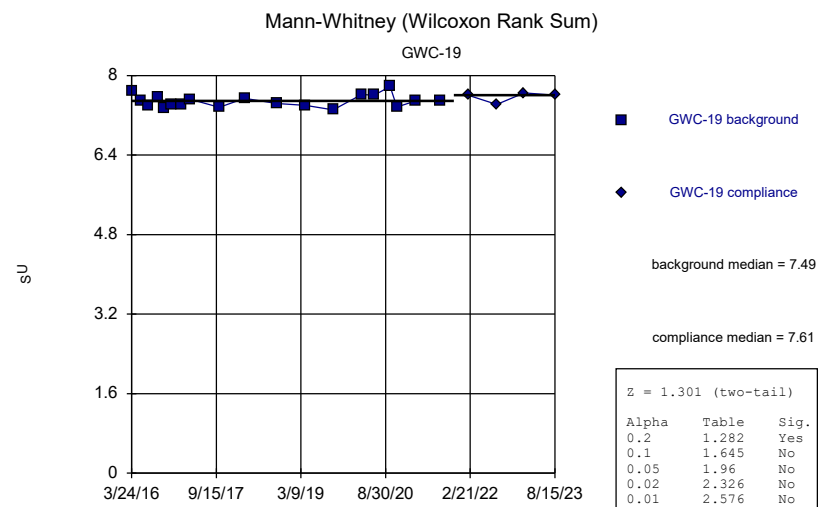
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 Plant Hammond Data: Huffaker Road Landfill



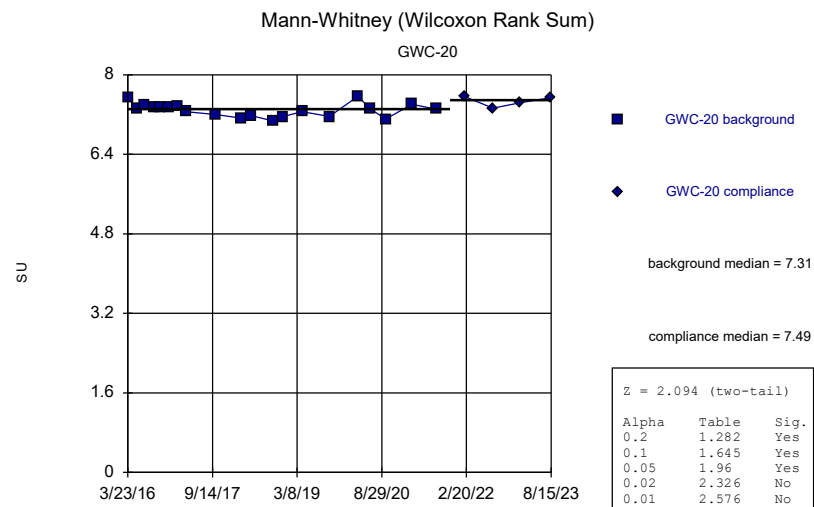
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 Plant Hammond Data: Huffaker Road Landfill



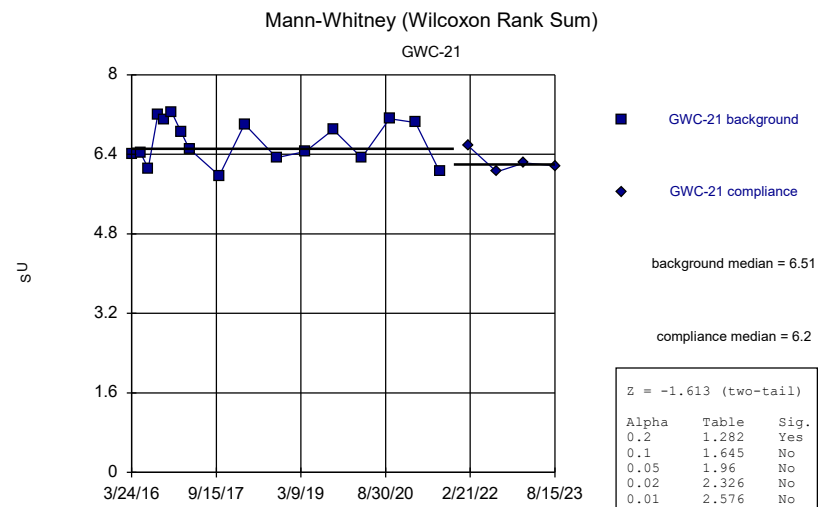
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 Plant Hammond Data: Huffaker Road Landfill



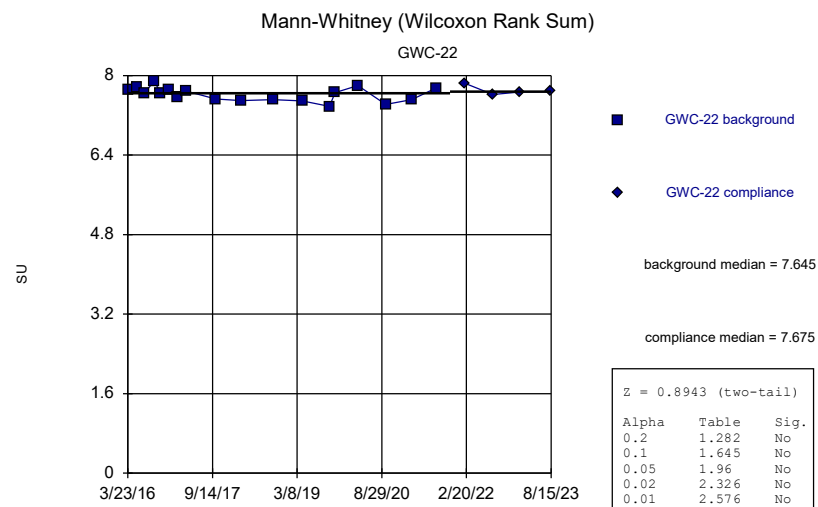
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 Plant Hammond Data: Huffaker Road Landfill



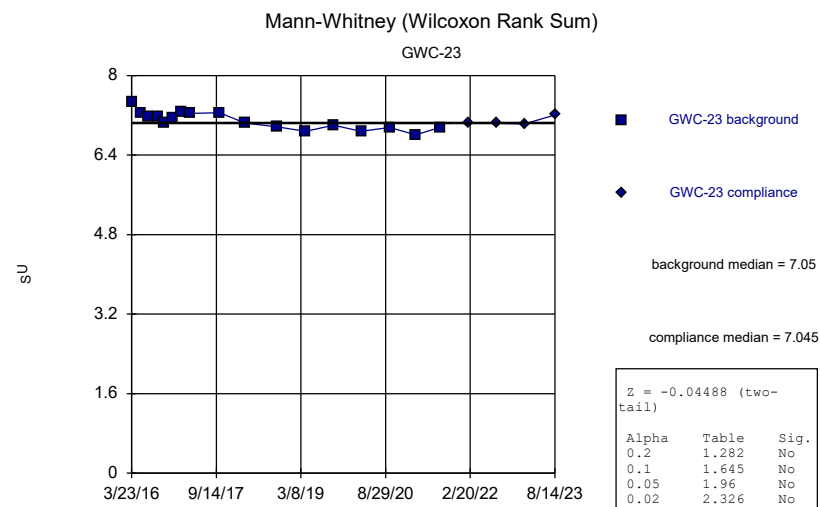
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Plant Hammond Data: Huffaker Road Landfill



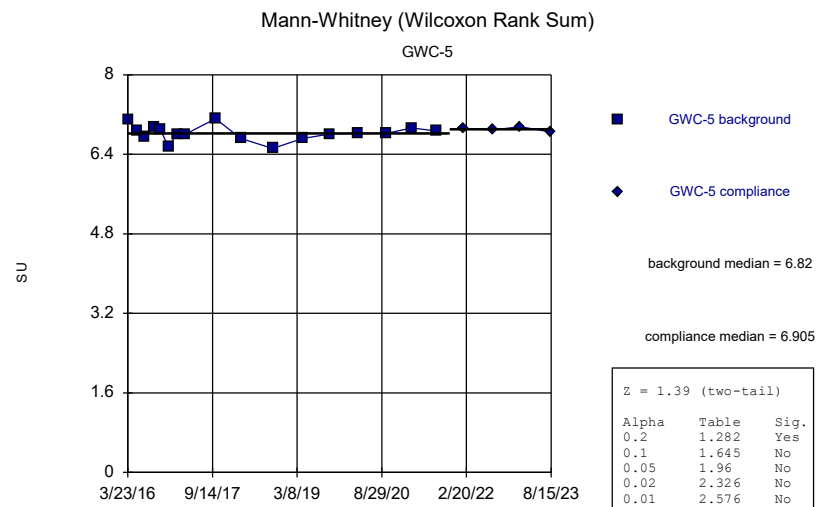
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Plant Hammond Data: Huffaker Road Landfill



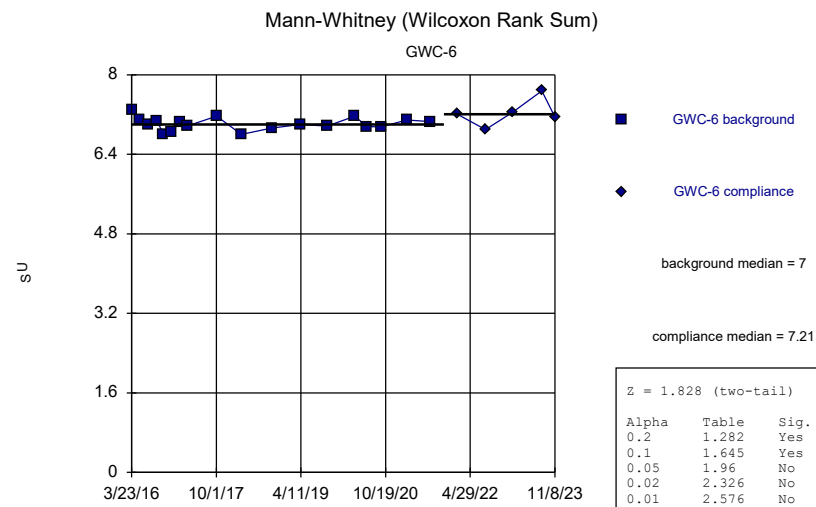
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Plant Hammond Data: Huffaker Road Landfill



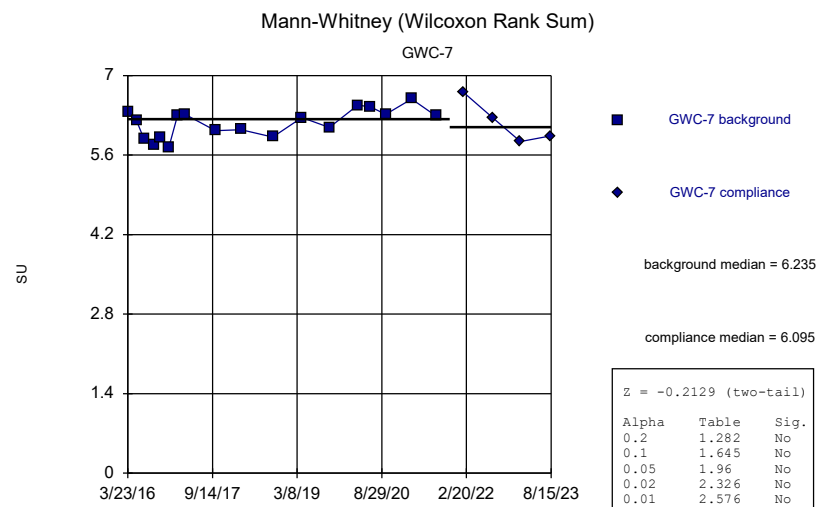
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Plant Hammond Data: Huffaker Road Landfill



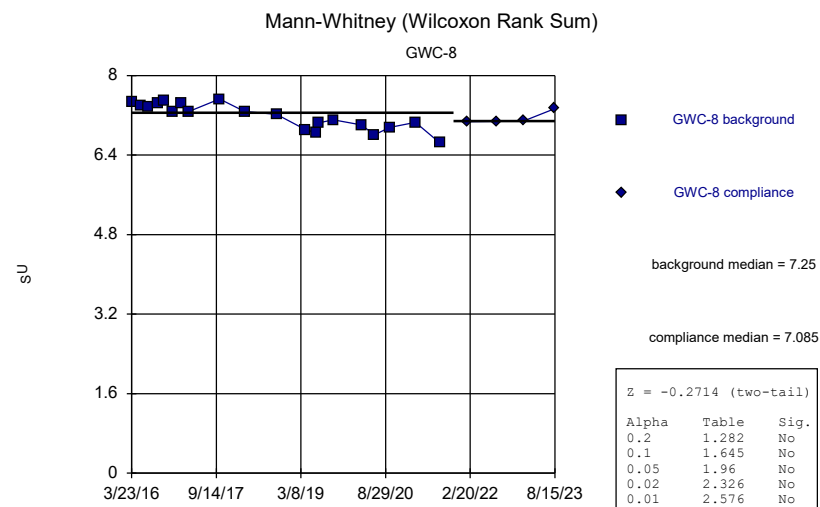
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Plant Hammond Data: Huffaker Road Landfill



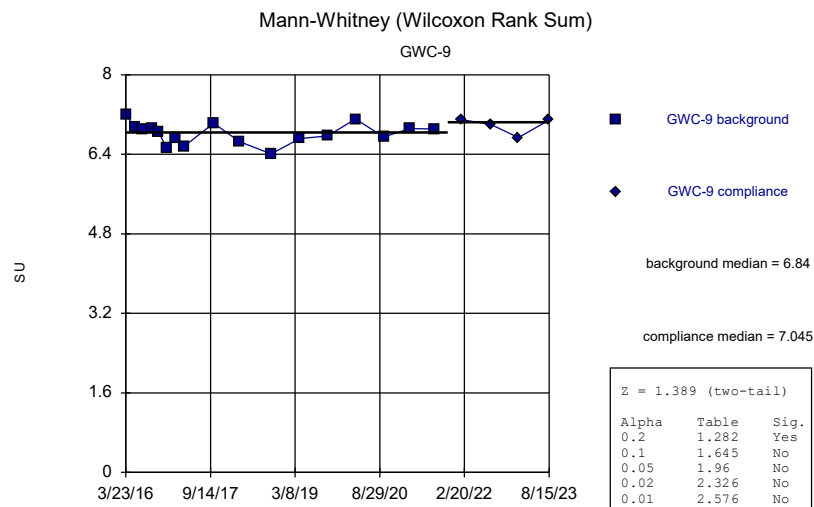
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Plant Hammond Data: Huffaker Road Landfill



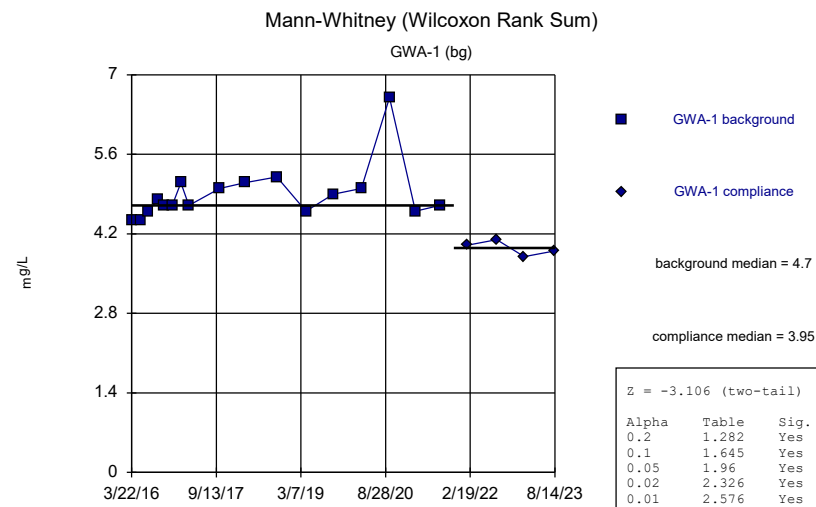
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Plant Hammond Data: Huffaker Road Landfill



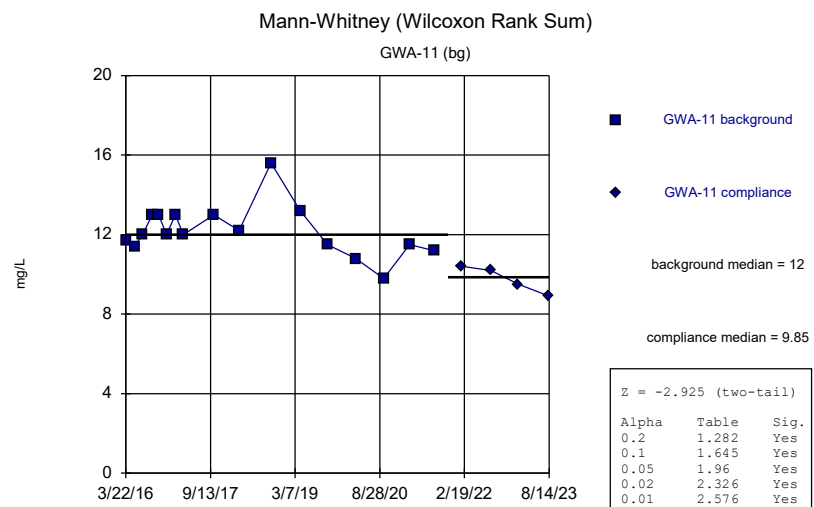
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Plant Hammond Data: Huffaker Road Landfill



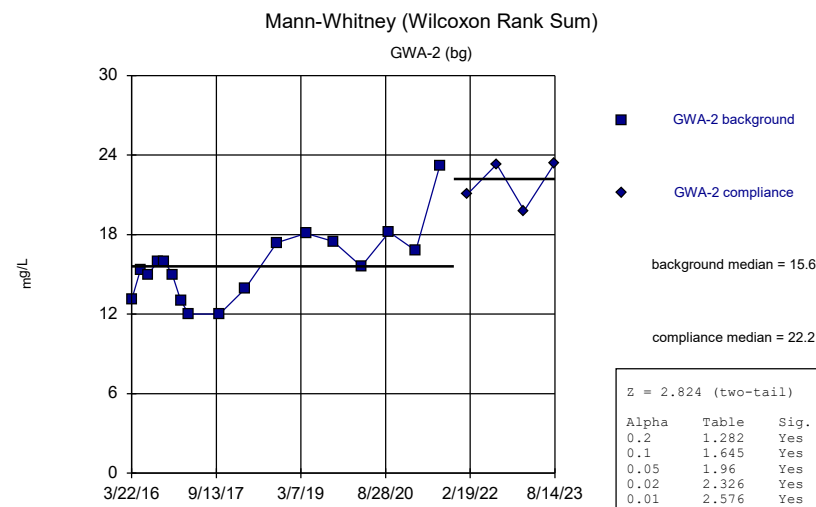
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Plant Hammond Data: Huffaker Road Landfill



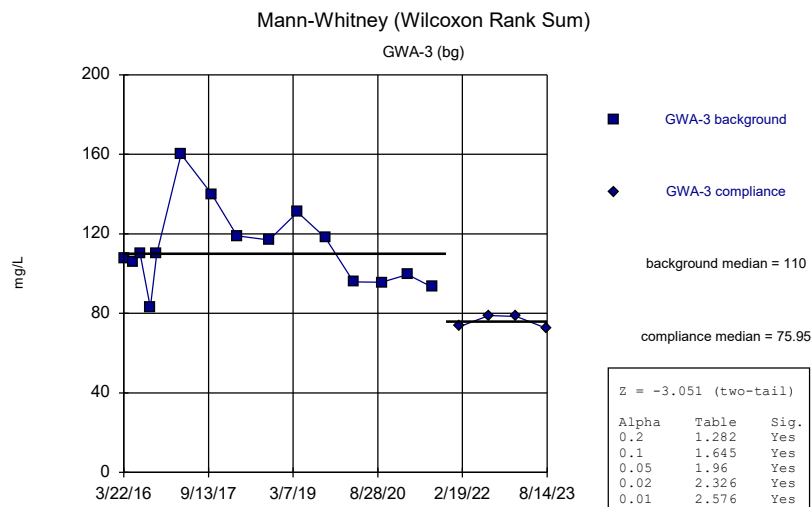
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Plant Hammond Data: Huffaker Road Landfill



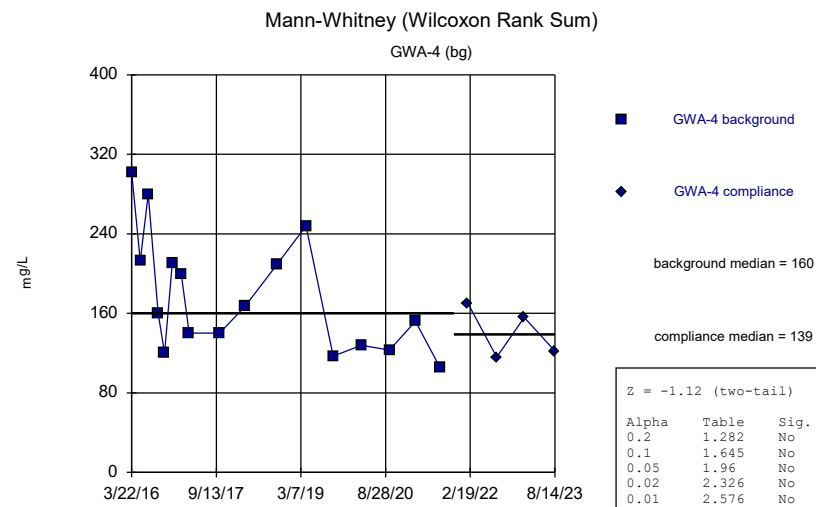
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Plant Hammond Data: Huffaker Road Landfill



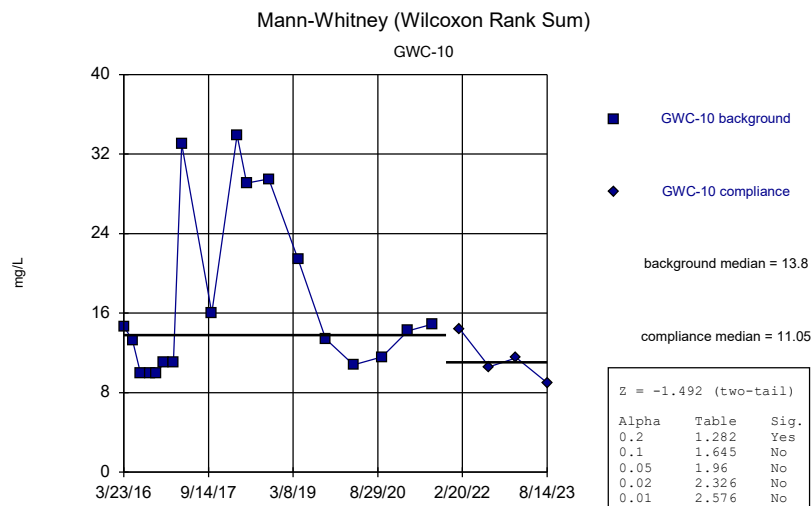
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Plant Hammond Data: Huffaker Road Landfill



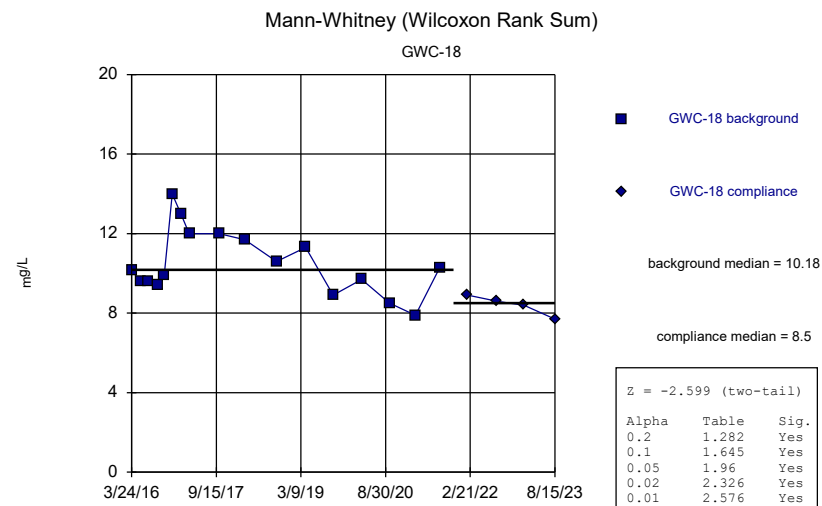
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Plant Hammond Data: Huffaker Road Landfill



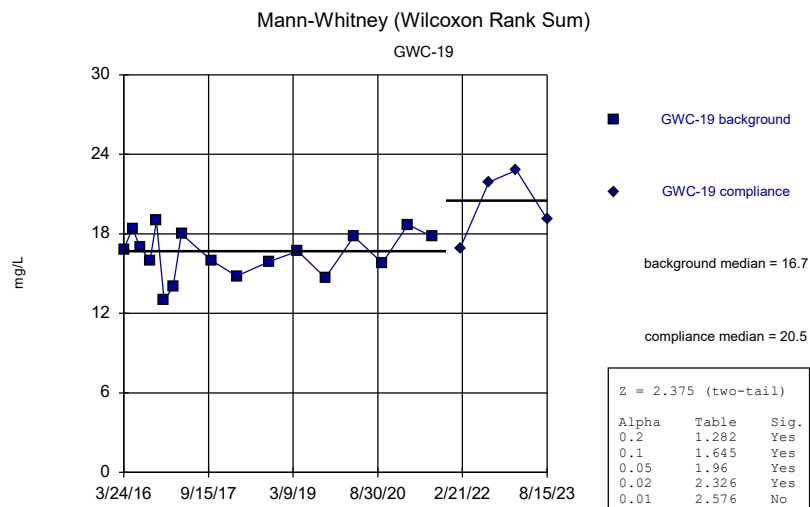
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Plant Hammond Data: Huffaker Road Landfill



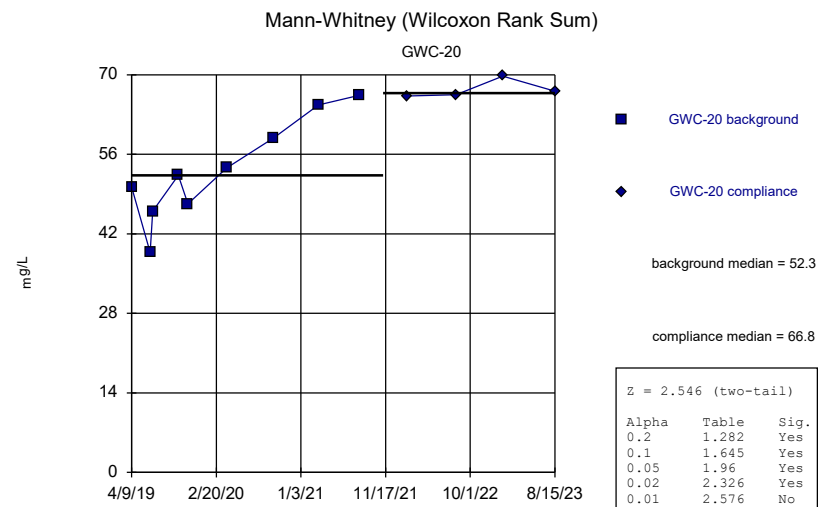
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Plant Hammond Data: Huffaker Road Landfill



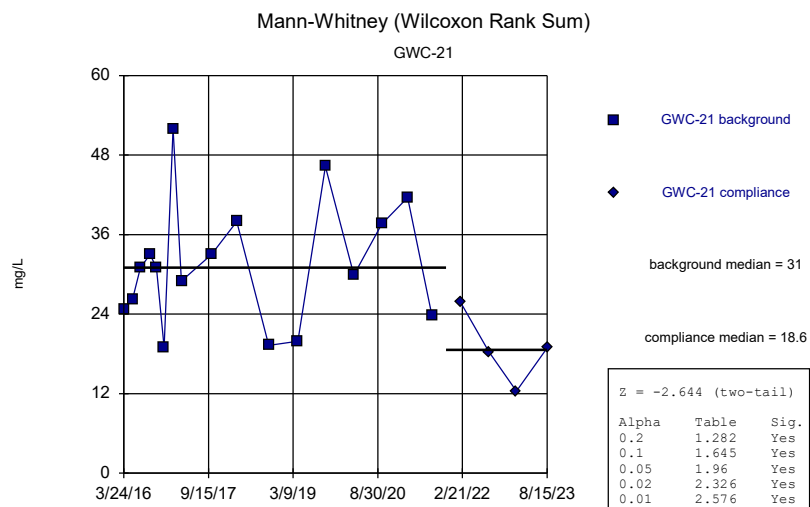
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Plant Hammond Data: Huffaker Road Landfill



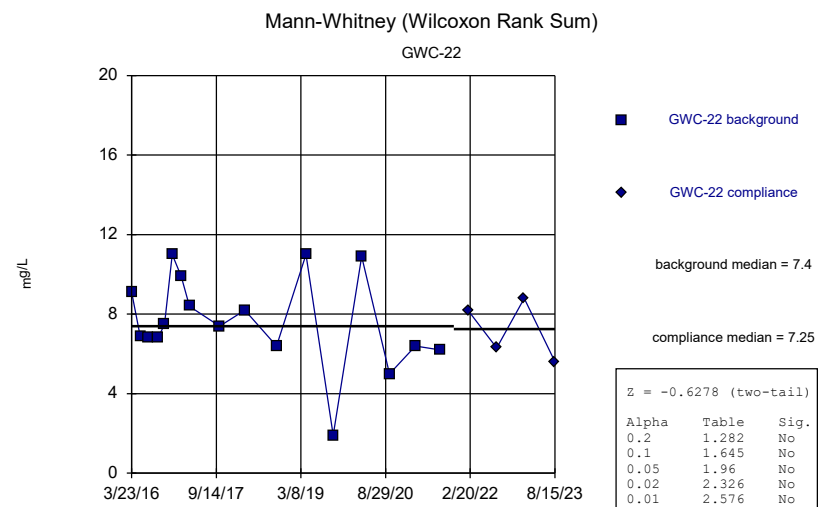
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Plant Hammond Data: Huffaker Road Landfill



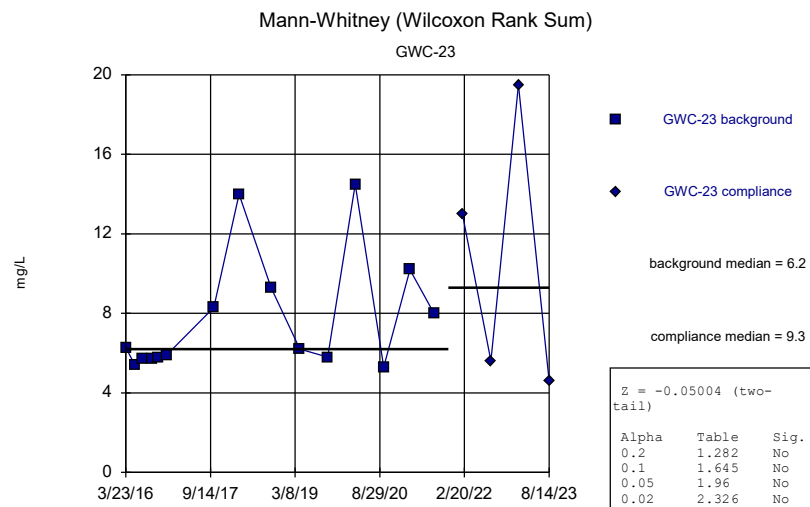
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Plant Hammond Data: Huffaker Road Landfill



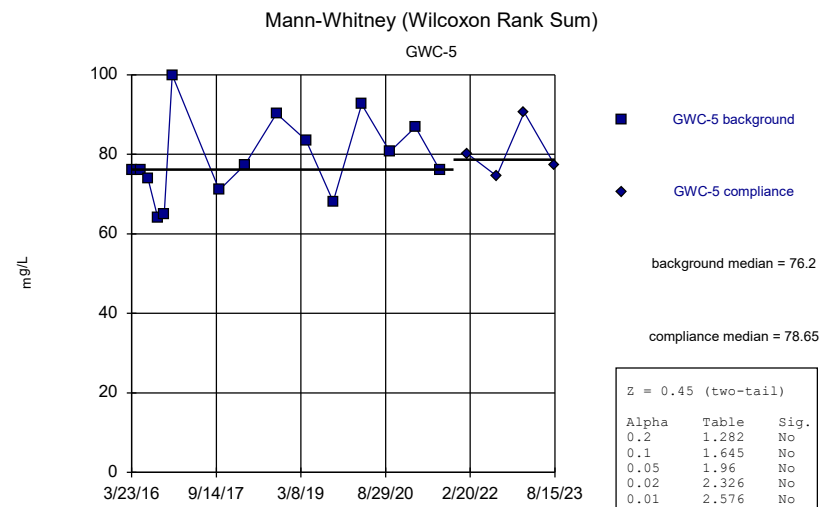
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Plant Hammond Data: Huffaker Road Landfill



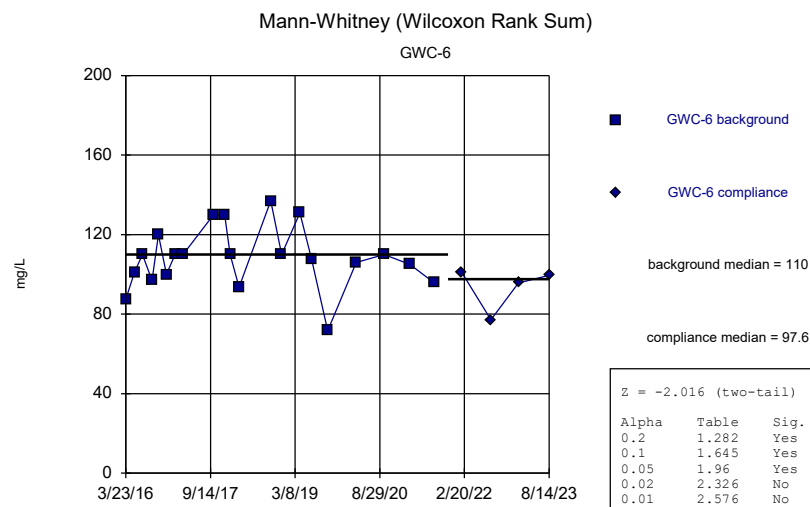
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Plant Hammond Data: Huffaker Road Landfill



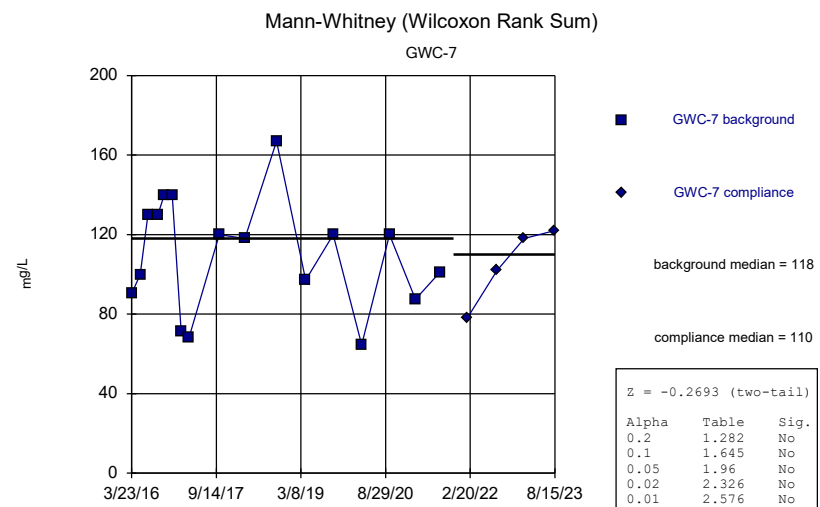
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Plant Hammond Data: Huffaker Road Landfill



Constituent: Sulfate Analysis Run 3/4/2024 4:25 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill



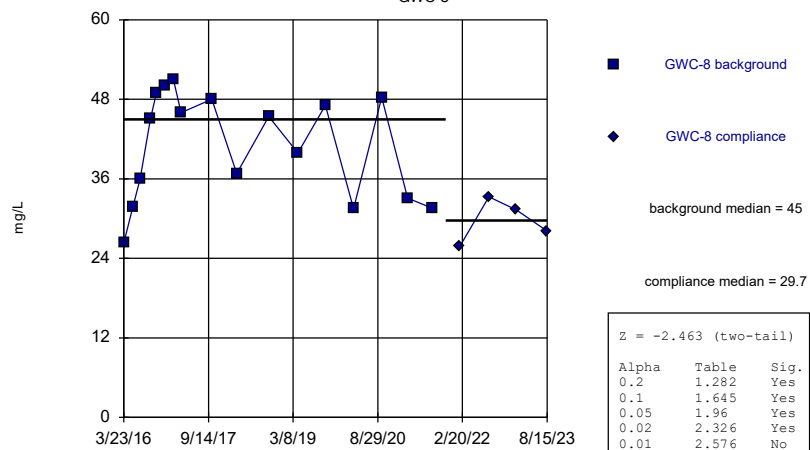
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Plant Hammond Data: Huffaker Road Landfill



Constituent: Sulfate Analysis Run 3/4/2024 4:25 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)

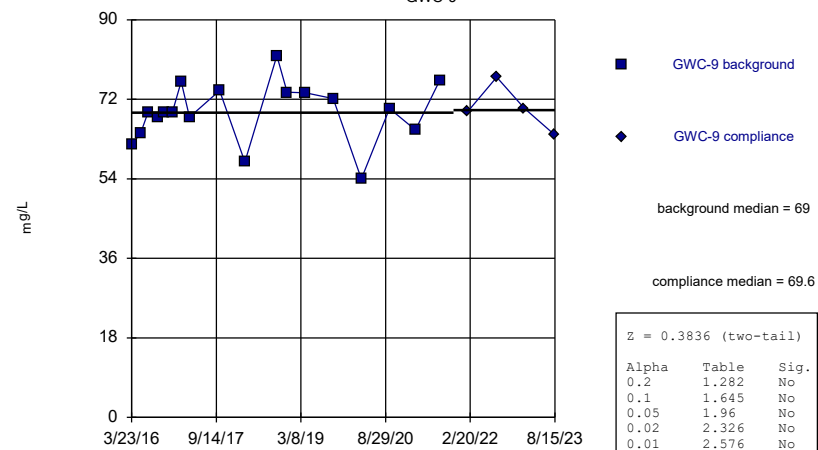
GWC-8



Constituent: Sulfate Analysis Run 3/4/2024 4:25 PM View: Appendix III
 Plant Hammond Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)

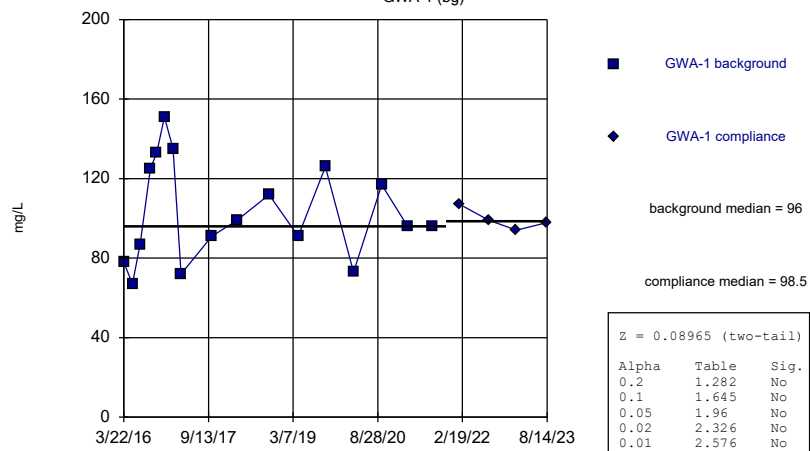
GWC-9



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 Plant Hammond Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)

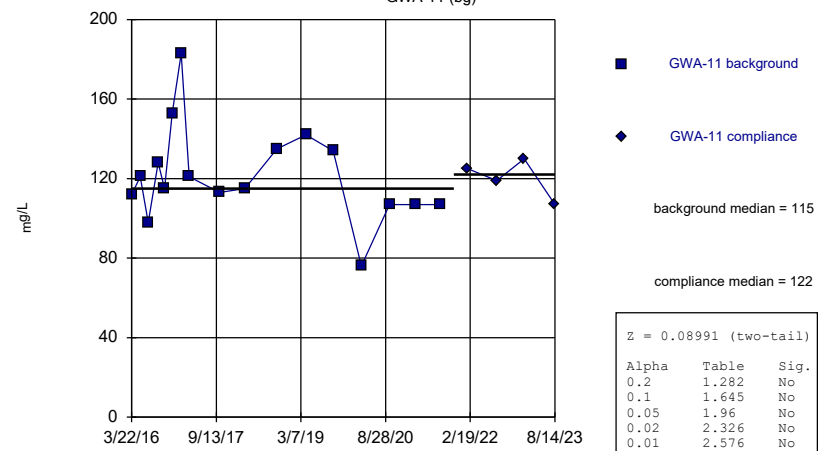
GWA-1 (bg)



Constituent: Total Dissolved Solids Analysis Run 3/4/2024 4:25 PM View: Appendix III
 Plant Hammond Data: Huffaker Road Landfill

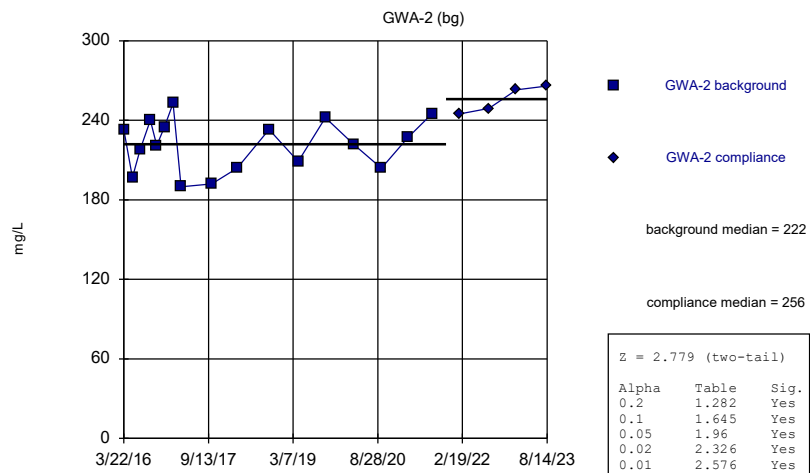
Mann-Whitney (Wilcoxon Rank Sum)

GWA-11 (bg)



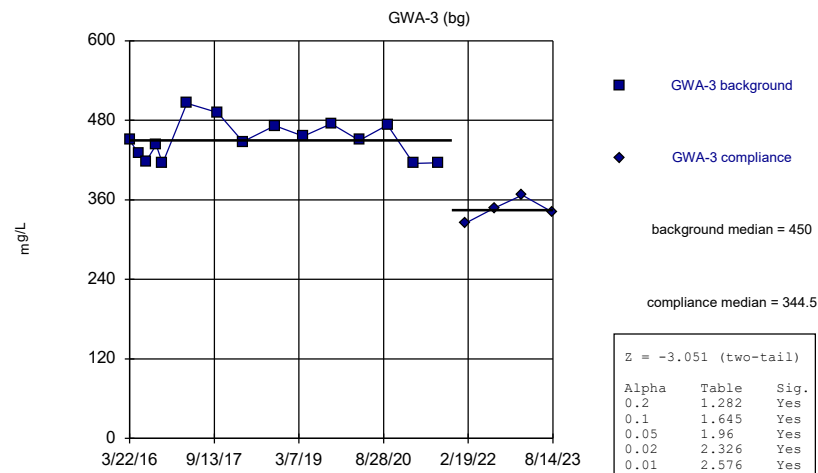
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 Plant Hammond Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



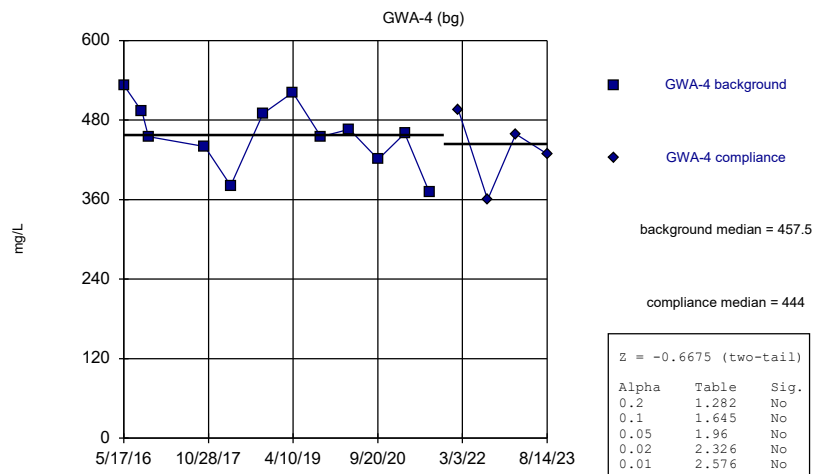
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Plant Hammond Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



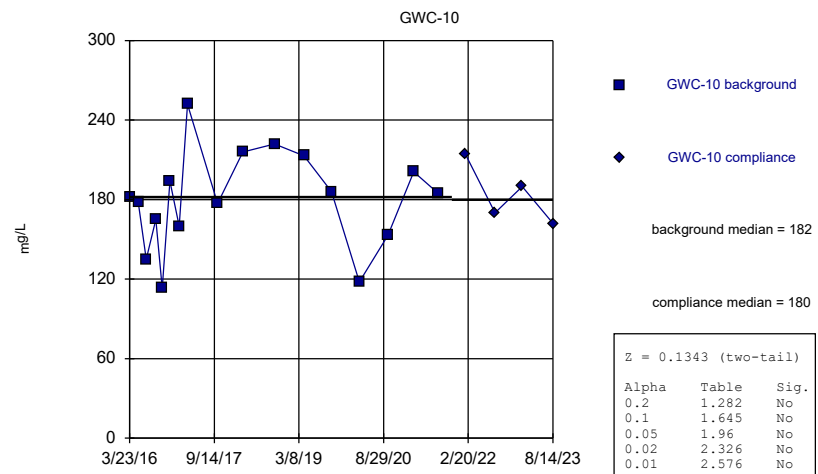
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Plant Hammond Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)

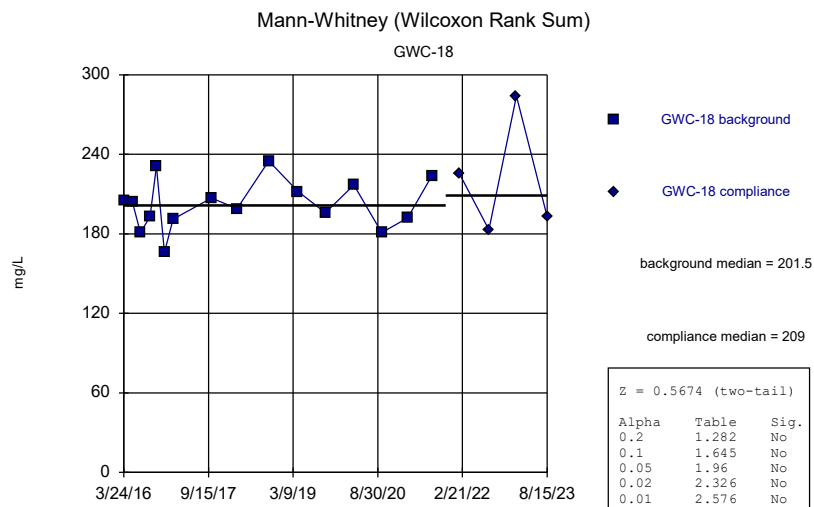


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Plant Hammond Data: Huffaker Road Landfill

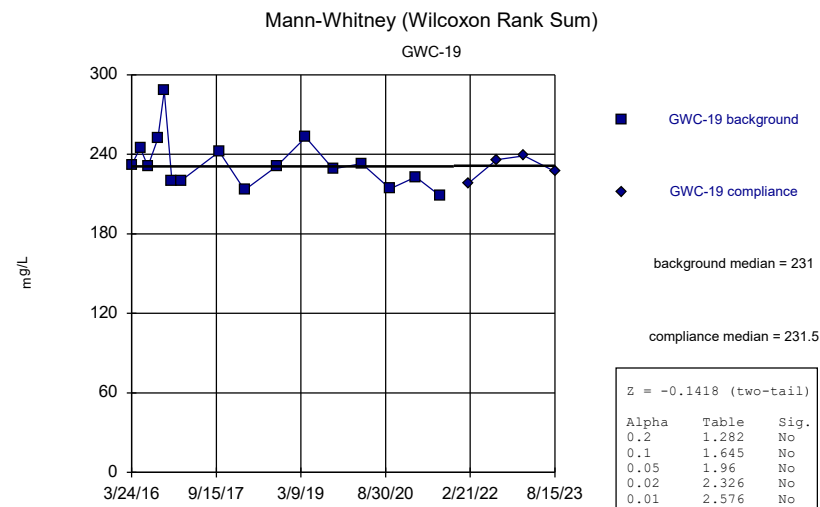
Mann-Whitney (Wilcoxon Rank Sum)



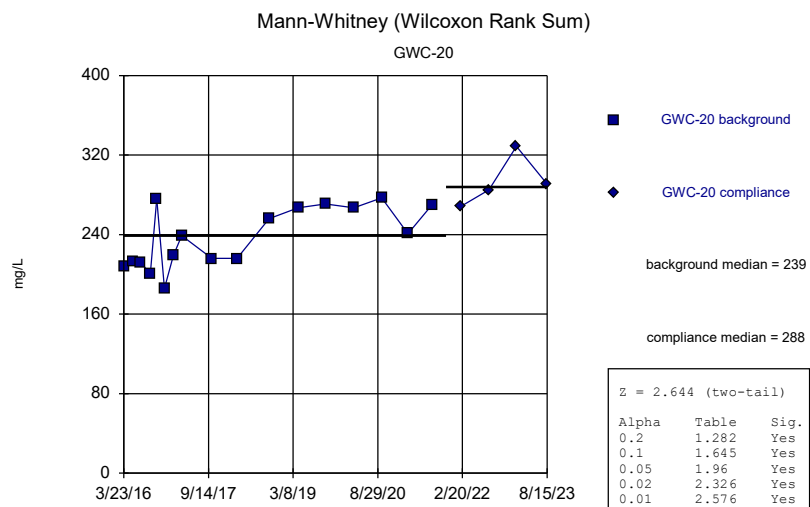
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Plant Hammond Data: Huffaker Road Landfill



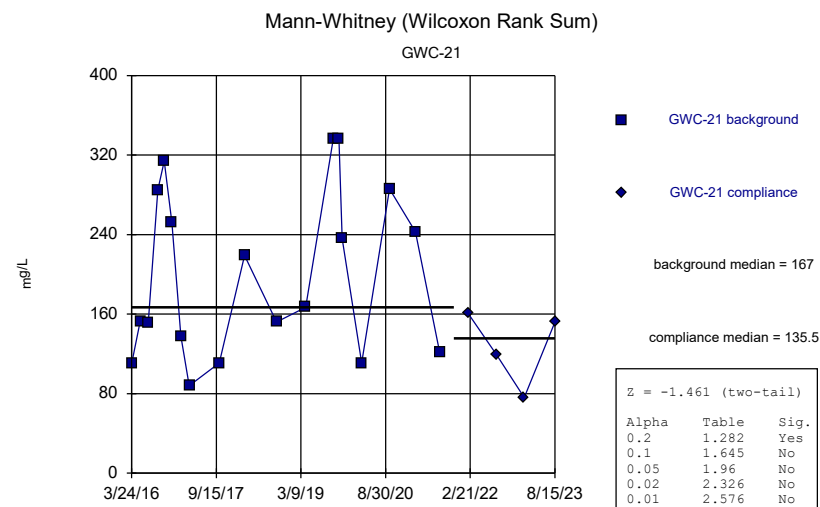
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Plant Hammond Data: Huffaker Road Landfill



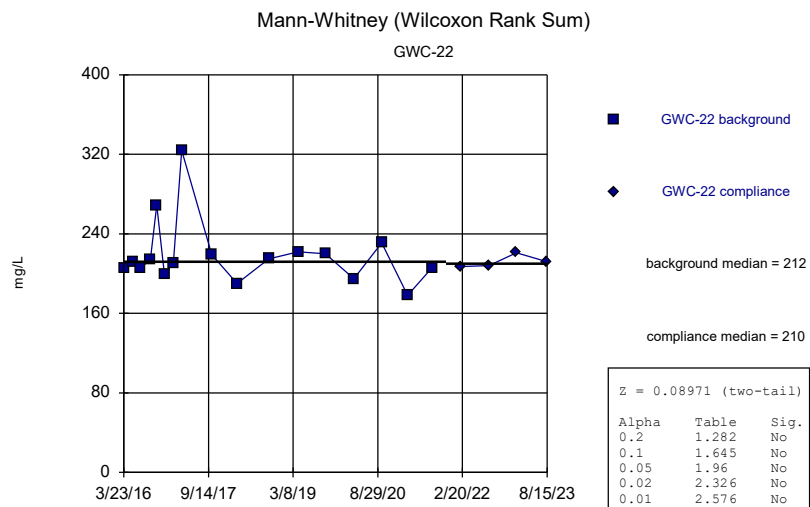
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Plant Hammond Data: Huffaker Road Landfill



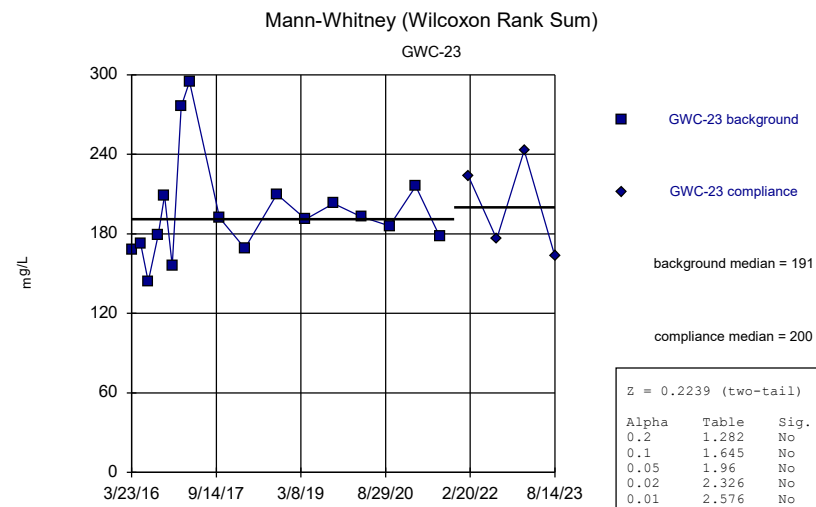
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Plant Hammond Data: Huffaker Road Landfill



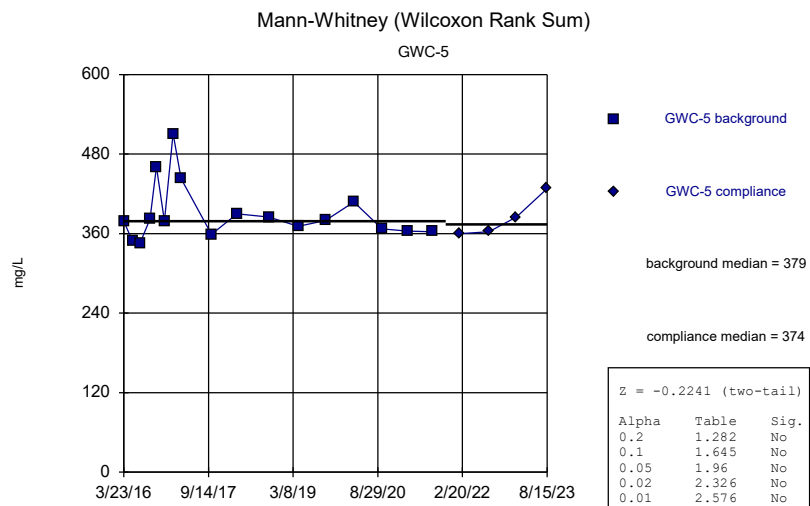
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Plant Hammond Data: Huffaker Road Landfill



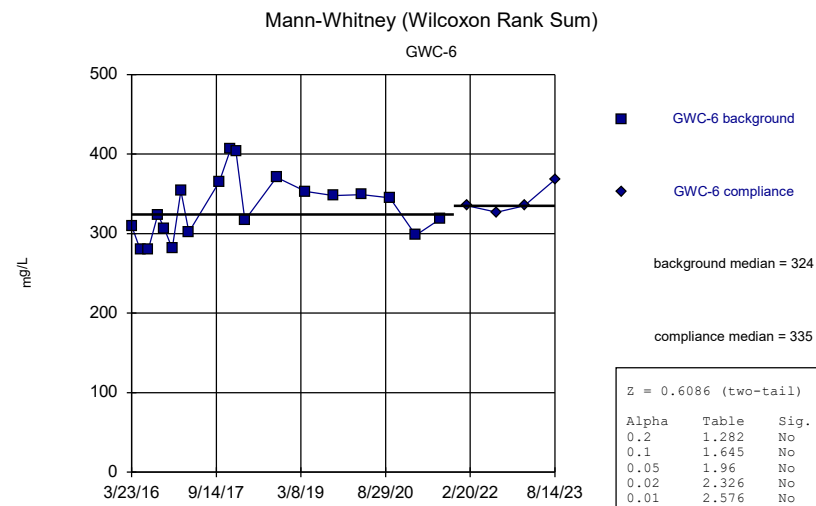
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Plant Hammond Data: Huffaker Road Landfill



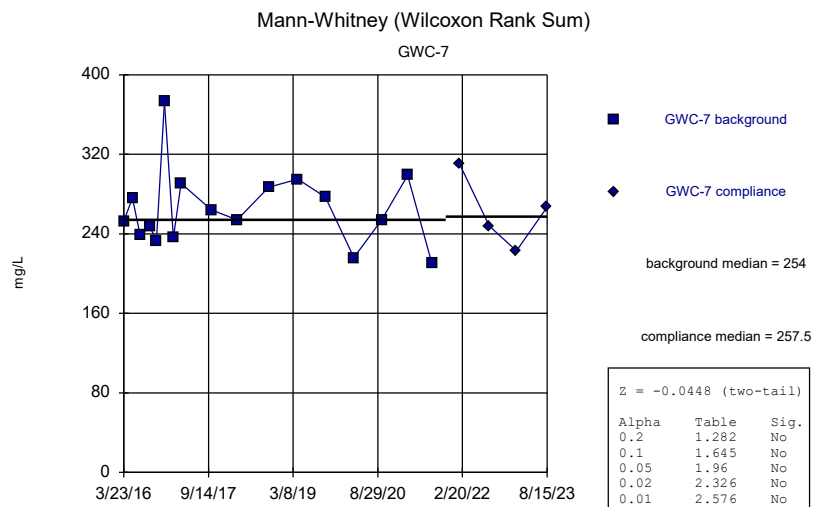
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Plant Hammond Data: Huffaker Road Landfill



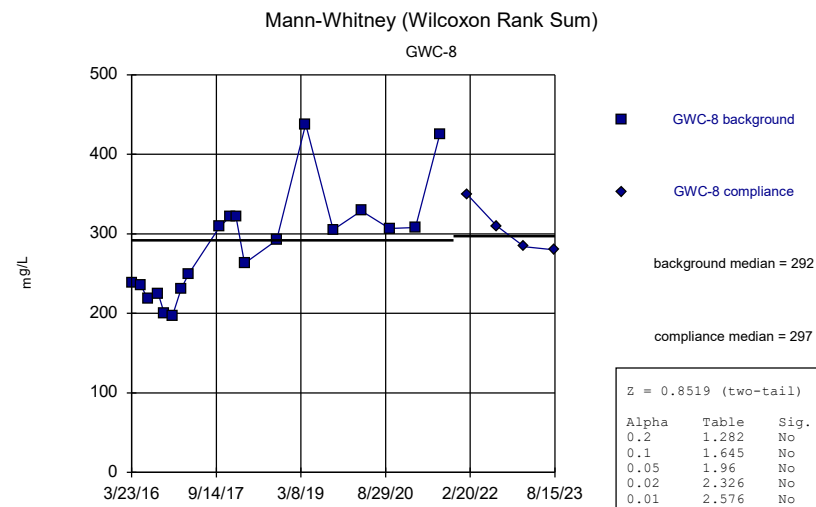
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Plant Hammond Data: Huffaker Road Landfill



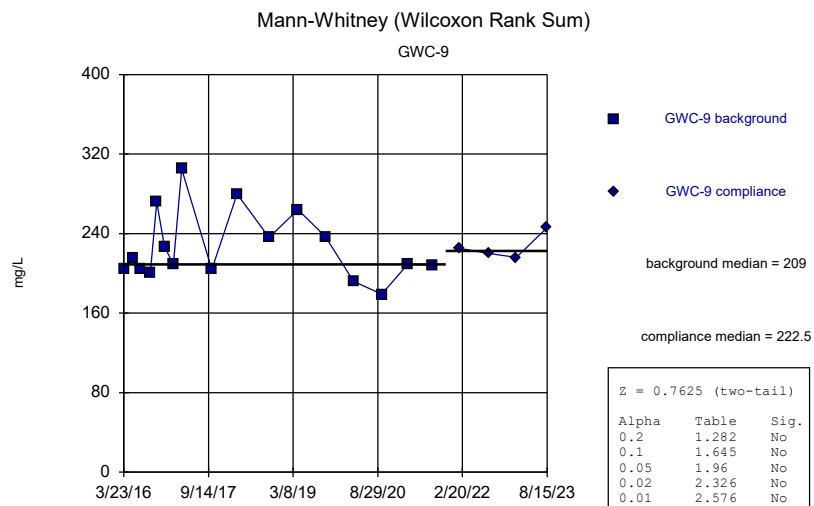
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Plant Hammond Data: Huffaker Road Landfill



Constituent: Total Dissolved Solids Analysis Run 3/4/2024 4:25 PM View: Appendix III
 Plant Hammond Data: Huffaker Road Landfill



Constituent: Total Dissolved Solids Analysis Run 3/4/2024 4:25 PM View: Appendix III
 Plant Hammond Data: Huffaker Road Landfill



Constituent: Total Dissolved Solids Analysis Run 3/4/2024 4:25 PM View: Appendix III
 Plant Hammond Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 3/4/2024 4:27 PM View: Appendix III
Plant Hammond 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)
8/14/2023		0.049

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 3/4/2024 4:27 PM View: Appendix III
Plant Hammond 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)
8/14/2023		0.038 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 3/4/2024 4:27 PM View: Appendix III
Plant Hammond 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
8/14/2023		0.097

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 3/4/2024 4:27 PM View: Appendix III
Plant Hammond 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
8/14/2023		0.15

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 3/4/2024 4:27 PM View: Appendix III
Plant Hammond 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
8/14/2023		0.082

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 3/4/2024 4:27 PM View: Appendix III
Plant Hammond 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)
8/14/2023		0.032 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 3/4/2024 4:27 PM View: Appendix III
Plant Hammond 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
8/15/2023		0.14

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 3/4/2024 4:27 PM View: Appendix III
Plant Hammond 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
8/15/2023		0.16

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 3/4/2024 4:27 PM View: Appendix III
Plant Hammond 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)
8/15/2023		0.019 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 3/4/2024 4:27 PM View: Appendix III
Plant Hammond 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)
8/15/2023		0.03 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 3/4/2024 4:27 PM View: Appendix III
Plant Hammond 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
8/15/2023		0.068

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 3/4/2024 4:27 PM View: Appendix III
Plant Hammond 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
8/14/2023		0.019 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 3/4/2024 4:27 PM View: Appendix III
Plant Hammond 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
8/15/2023		0.06

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 3/4/2024 4:27 PM View: Appendix III
Plant Hammond 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)
8/14/2023		0.039 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 3/4/2024 4:27 PM View: Appendix III
Plant Hammond 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)
8/15/2023		0.03 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 3/4/2024 4:27 PM View: Appendix III
Plant Hammond 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)
8/15/2023		0.031 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 3/4/2024 4:27 PM View: Appendix III
Plant Hammond 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)
8/15/2023		0.022 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 3/4/2024 4:27 PM View: Appendix III
Plant Hammond 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)
8/14/2023		17.2

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 3/4/2024 4:27 PM View: Appendix III
Plant Hammond 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
8/14/2023		21.8

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 3/4/2024 4:27 PM View: Appendix III
Plant Hammond 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
8/14/2023		53.1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 3/4/2024 4:27 PM View: Appendix III
Plant Hammond 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
8/14/2023		57.2

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 3/4/2024 4:27 PM View: Appendix III
Plant Hammond 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
8/14/2023		73.5

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 3/4/2024 4:27 PM View: Appendix III
Plant Hammond 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
8/14/2023		39.8

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 3/4/2024 4:27 PM View: Appendix III
Plant Hammond 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
8/15/2023		41

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 3/4/2024 4:27 PM View: Appendix III
Plant Hammond 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
8/15/2023		44.6

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 3/4/2024 4:27 PM View: Appendix III
Plant Hammond 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
8/15/2023		63.5

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 3/4/2024 4:27 PM View: Appendix III
Plant Hammond 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
8/15/2023		31.5

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 3/4/2024 4:27 PM View: Appendix III
Plant Hammond 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
8/15/2023		47.3

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 3/4/2024 4:27 PM View: Appendix III
Plant Hammond 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
8/14/2023		40.7

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 3/4/2024 4:27 PM View: Appendix III
Plant Hammond 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
8/15/2023		75.8

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 3/4/2024 4:27 PM View: Appendix III
Plant Hammond 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
8/14/2023		69.1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 3/4/2024 4:27 PM View: Appendix III
Plant Hammond 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
8/15/2023		18.4

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 3/4/2024 4:27 PM View: Appendix III
Plant Hammond 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
8/15/2023		70.5

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 3/4/2024 4:27 PM View: Appendix III
Plant Hammond 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
8/15/2023		37.6

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 3/4/2024 4:27 PM View: Appendix III
Plant Hammond 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
8/14/2023		0.99 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 3/4/2024 4:27 PM View: Appendix III
Plant Hammond 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
8/14/2023		1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 3/4/2024 4:27 PM View: Appendix III
Plant Hammond 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
8/14/2023		2.2

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 3/4/2024 4:27 PM View: Appendix III
Plant Hammond 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
8/14/2023		1.3

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 3/4/2024 4:27 PM View: Appendix III
Plant Hammond 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
8/14/2023		2.5

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 3/4/2024 4:27 PM View: Appendix III
Plant Hammond 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
8/14/2023		1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 3/4/2024 4:27 PM View: Appendix III
Plant Hammond 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)
8/15/2023		0.85 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 3/4/2024 4:27 PM View: Appendix III
Plant Hammond 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
8/15/2023		1.1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 3/4/2024 4:27 PM View: Appendix III
Plant Hammond 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
8/15/2023		1.1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 3/4/2024 4:27 PM View: Appendix III
Plant Hammond 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
8/15/2023		5.3

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 3/4/2024 4:27 PM View: Appendix III
Plant Hammond 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
8/15/2023		0.95 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 3/4/2024 4:27 PM View: Appendix III
Plant Hammond 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
8/14/2023		1.1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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
8/15/2023		2.1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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
8/14/2023		1.6

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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
8/15/2023		1.7

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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
8/15/2023		1.6

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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)
8/15/2023		0.65 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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
8/14/2023		0.076 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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)
8/14/2023		0.066 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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
8/14/2023		0.08 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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
8/14/2023		0.089 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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
8/14/2023		0.11

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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)
8/14/2023		0.077 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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
8/15/2023		0.1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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
8/15/2023		0.092 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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)
8/15/2023		0.055 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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)
8/15/2023		<0.1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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)
8/15/2023		0.065 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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
8/14/2023		0.075 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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)
8/15/2023		0.052 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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)
8/14/2023		0.054 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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
8/15/2023		0.13

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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
8/15/2023		0.13

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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
8/15/2023		0.06 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH (SU) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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
8/14/2023		7.22

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH (SU) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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
8/14/2023		6.99

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH (SU) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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
8/14/2023		6.91

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH (SU) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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
8/14/2023		6.54

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH (SU) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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
8/14/2023		6.74

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH (SU) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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
8/14/2023		7.48

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH (SU) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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
8/15/2023		7.63

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH (SU) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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
8/15/2023		7.61

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH (SU) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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
8/15/2023		7.54

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH (SU) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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
8/15/2023		6.17

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH (SU) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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
8/15/2023		7.68

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH (SU) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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
8/14/2023		7.21

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH (SU) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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
8/15/2023		6.85

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH (SU) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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
8/14/2023		7.68
11/8/2023		7.15

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH (SU) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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
8/15/2023		5.94

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH (SU) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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
8/15/2023		7.34

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH (SU) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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
8/15/2023		7.09

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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
8/14/2023		3.9

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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
8/14/2023		8.9

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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
8/14/2023		23.4

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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 (o)	
2/1/2017	190 (o)	
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
8/14/2023		72.3

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 3/4/2024 4:28 PM View: Appendix III

Plant Hammond 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
8/14/2023		122

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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
8/14/2023		9

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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
8/15/2023		7.7

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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
8/15/2023		19.1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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
8/15/2023		67.1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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
8/15/2023		18.9

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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
8/15/2023		5.6

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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 (o)	
3/27/2017	43 (o)	
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
8/14/2023		4.6

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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 (o)	
3/23/2017	130 (o)	
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
8/15/2023		77.2

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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
8/14/2023		99.5

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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
8/15/2023		122

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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
8/15/2023		28.1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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
8/15/2023		63.9

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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
8/14/2023		98

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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
8/14/2023		107

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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
8/14/2023		266

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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 (o)	
2/1/2017	615 (o)	
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
8/14/2023		341

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

	GWA-4	GWA-4
3/22/2016	686 (o)	
5/17/2016	533	
7/6/2016	646 (o)	
9/7/2016	493	
10/18/2016	455	
12/6/2016	597 (o)	
2/1/2017	638 (o)	
3/24/2017	579 (o)	
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
8/14/2023		429

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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
8/14/2023		162

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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
8/15/2023		193

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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
8/15/2023		227

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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
8/15/2023		291

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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)
8/15/2023		152

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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
8/15/2023		212

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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
8/14/2023		163

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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
8/15/2023		428

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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
8/14/2023		368

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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
8/15/2023		267

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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
8/15/2023		280

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/4/2024 4:28 PM View: Appendix III
Plant Hammond 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
8/15/2023		246

FIGURE E.

Appendix I Intrawell Prediction Limits - All Results (No Significant)

Plant Hammond Data: Huffaker Road Landfill Printed 4/28/2024, 5:00 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	GWA-1	0.003	n/a	2/19/2024	0.003ND	No	42	n/a	n/a	n/a	92.86	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-11	0.003	n/a	2/19/2024	0.003ND	No	42	n/a	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-2	0.003	n/a	2/19/2024	0.003ND	No	41	n/a	n/a	n/a	92.68	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-3	0.003	n/a	2/19/2024	0.003ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-4	0.003	n/a	2/19/2024	0.003ND	No	42	n/a	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-10	0.003	n/a	2/19/2024	0.003ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-18	0.003	n/a	2/20/2024	0.003ND	No	42	n/a	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-19	0.003	n/a	2/20/2024	0.003ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-22	0.003	n/a	2/20/2024	0.0007J	No	42	n/a	n/a	n/a	100	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-5	0.003	n/a	2/20/2024	0.003ND	No	42	n/a	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-6	0.003	n/a	2/21/2024	0.003ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-7	0.003	n/a	2/21/2024	0.003ND	No	41	n/a	n/a	n/a	95.12	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-8	0.003	n/a	2/21/2024	0.003ND	No	40	n/a	n/a	n/a	95	n/a	n/a	0.001159	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-9	0.003	n/a	2/20/2024	0.003ND	No	42	n/a	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-11	0.005	n/a	2/19/2024	0.005ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-3	0.005	n/a	2/19/2024	0.00093J	No	42	n/a	n/a	n/a	71.43	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-4	0.0065	n/a	2/19/2024	0.0018J	No	42	n/a	n/a	n/a	88.1	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-18	0.005	n/a	2/20/2024	0.005ND	No	42	n/a	n/a	n/a	92.86	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-21	0.005	n/a	2/20/2024	0.005ND	No	40	n/a	n/a	n/a	82.5	n/a	n/a	0.001159	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-23	0.005	n/a	2/20/2024	0.005ND	No	42	n/a	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-5	0.005	n/a	2/20/2024	0.005ND	No	42	n/a	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-7	0.011	n/a	2/21/2024	0.0043J	No	41	n/a	n/a	n/a	34.15	n/a	n/a	0.001118	NP Intra (normality) 1 of 2
Arsenic (mg/L)	GWC-8	0.005	n/a	2/21/2024	0.005ND	No	41	n/a	n/a	n/a	73.17	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-9	0.005	n/a	2/20/2024	0.005ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Barium (mg/L)	GWA-1	0.04952	n/a	2/19/2024	0.04	No	42	0.03893	0.004587	0	None	None	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWA-11	0.0425	n/a	2/19/2024	0.031	No	42	n/a	n/a	n/a	0	n/a	n/a	0.001077	NP Intra (normality) 1 of 2
Barium (mg/L)	GWA-2	0.1985	n/a	2/19/2024	0.19	No	29	0.1666	0.01321	0	None	None	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWA-3	0.238	n/a	2/19/2024	0.083	No	42	0.1579	0.03471	0	None	None	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWA-4	0.14	n/a	2/19/2024	0.051	No	42	n/a	n/a	n/a	0	n/a	n/a	0.001077	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-10	0.2006	n/a	2/19/2024	0.14	No	45	0.1287	0.03134	0	None	None	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWC-18	0.09142	n/a	2/20/2024	0.083	No	42	0.07482	0.007187	0	None	None	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWC-19	0.171	n/a	2/20/2024	0.15	No	29	0.0004195	0.0001801	0	None	x^4	0.0002926	Param Intra 1 of 2	
Barium (mg/L)	GWC-20	0.1591	n/a	2/20/2024	0.15	No	42	0.1206	0.01669	0	None	None	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWC-21	0.19	n/a	2/20/2024	0.052	No	40	n/a	n/a	n/a	0	n/a	n/a	0.001159	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-22	0.1123	n/a	2/20/2024	0.091	No	29	-2.374	0.07763	0	None	ln(x)	0.0002926	Param Intra 1 of 2	
Barium (mg/L)	GWC-23	0.09701	n/a	2/20/2024	0.096	No	42	0.0671	0.01295	0	None	None	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWC-5	0.1335	n/a	2/20/2024	0.07	No	42	0.09442	0.0169	0	None	None	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWC-6	0.2128	n/a	2/21/2024	0.15	No	29	0.1469	0.0273	0	None	None	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWC-7	0.4063	n/a	2/21/2024	0.035	No	19	0.3226	0.1206	0	None	sqrt(x)	0.0002926	Param Intra 1 of 2	
Barium (mg/L)	GWC-8	0.17	n/a	2/21/2024	0.11	No	41	n/a	n/a	n/a	0	n/a	n/a	0.001118	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-9	0.07338	n/a	2/20/2024	0.073	No	28	0.06145	0.004913	0	None	None	No	0.0002926	Param Intra 1 of 2
Beryllium (mg/L)	GWA-3	0.0005	n/a	2/19/2024	0.0005ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-19	0.0005	n/a	2/20/2024	0.0005ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-7	0.01893	n/a	2/21/2024	0.00036J	No	37	-7.995	1.723	27.03	Kaplan-Meier	ln(x)	0.0002926	Param Intra 1 of 2	
Cadmium (mg/L)	GWA-4	0.0005	n/a	2/19/2024	0.0005ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-10	0.0005	n/a	2/19/2024	0.0005ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-18	0.0005	n/a	2/20/2024	0.0005ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-20	0.0005	n/a	2/20/2024	0.0005ND	No	41	n/a	n/a	n/a	97.56	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-21	0.0005	n/a	2/20/2024	0.0005ND	No	40	n/a	n/a	n/a	95	n/a	n/a	0.001159	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-23	0.0005	n/a	2/20/2024	0.0005ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-5	0.0015	n/a	2/20/2024	0.0005ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-7	0.0035	n/a	2/21/2024	0.0005ND	No	39	n/a	n/a	n/a	87.18	n/a	n/a	0.001226	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-8	0.0005	n/a	2/21/2024	0.0005ND	No	41	n/a	n/a	n/a	97.56	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-9	0.0005	n/a	2/20/2024	0.0005ND	No	42	n/a	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-1	0.016	n/a	2/19/2024	0.005ND	No	42	n/a	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-11	0.005	n/a	2/19/2024	0.005ND	No	42	n/a	n/a	n/a	92.86	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results (No Significant)

Plant Hammond Data: Huffaker Road Landfill Printed 4/28/2024, 5:00 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NB	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chromium (mg/L)	GWA-2	0.005	n/a	2/19/2024	0.005ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-3	0.005	n/a	2/19/2024	0.005ND	No	42	n/a	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-4	0.005	n/a	2/19/2024	0.005ND	No	42	n/a	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-10	0.005	n/a	2/19/2024	0.005ND	No	42	n/a	n/a	n/a	90.48	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-18	0.005	n/a	2/20/2024	0.005ND	No	42	n/a	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-19	0.005	n/a	2/20/2024	0.005ND	No	42	n/a	n/a	n/a	92.86	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-20	0.0064	n/a	2/20/2024	0.005ND	No	41	n/a	n/a	n/a	92.68	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-21	0.005	n/a	2/20/2024	0.005ND	No	40	n/a	n/a	n/a	95	n/a	n/a	0.001159	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-22	0.005	n/a	2/20/2024	0.005ND	No	42	n/a	n/a	n/a	90.48	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-23	0.0051	n/a	2/20/2024	0.005ND	No	42	n/a	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-5	0.005	n/a	2/20/2024	0.005ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-6	0.005	n/a	2/21/2024	0.005ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-7	0.005	n/a	2/21/2024	0.005ND	No	40	n/a	n/a	n/a	85	n/a	n/a	0.001159	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-8	0.005	n/a	2/21/2024	0.005ND	No	41	n/a	n/a	n/a	90.24	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-9	0.005	n/a	2/20/2024	0.005ND	No	42	n/a	n/a	n/a	92.86	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-1	0.005	n/a	2/19/2024	0.0005J	No	42	n/a	n/a	n/a	54.76	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-11	0.01	n/a	2/19/2024	0.00063J	No	42	n/a	n/a	n/a	47.62	n/a	n/a	0.001077	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWA-2	0.005	n/a	2/19/2024	0.005ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-3	0.005	n/a	2/19/2024	0.00049J	No	42	n/a	n/a	n/a	83.33	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-4	0.005	n/a	2/19/2024	0.005ND	No	42	n/a	n/a	n/a	66.67	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-10	0.005	n/a	2/19/2024	0.005ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-21	0.01	n/a	2/20/2024	0.0029J	No	40	n/a	n/a	n/a	47.5	n/a	n/a	0.001159	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWC-23	0.005	n/a	2/20/2024	0.005ND	No	42	n/a	n/a	n/a	90.48	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-5	0.005	n/a	2/20/2024	0.00035J	No	42	n/a	n/a	n/a	85.71	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-6	0.005	n/a	2/21/2024	0.005ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-7	0.07291	n/a	2/21/2024	0.03	No	23	0.028	0.01788	0	None	None	No	0.0002926	Param Intra 1 of 2
Cobalt (mg/L)	GWC-8	0.01	n/a	2/21/2024	0.00053J	No	41	n/a	n/a	n/a	73.17	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-9	0.005	n/a	2/20/2024	0.00033J	No	42	n/a	n/a	n/a	85.71	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-11	0.005	n/a	2/19/2024	0.005ND	No	37	n/a	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-2	0.005	n/a	2/19/2024	0.005ND	No	37	n/a	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-3	0.005	n/a	2/19/2024	0.005ND	No	37	n/a	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-4	0.0066	n/a	2/19/2024	0.005ND	No	37	n/a	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-10	0.005	n/a	2/19/2024	0.005ND	No	37	n/a	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-18	0.005	n/a	2/20/2024	0.005ND	No	37	n/a	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-19	0.005	n/a	2/20/2024	0.005ND	No	37	n/a	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-20	0.005	n/a	2/20/2024	0.005ND	No	36	n/a	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-21	0.005	n/a	2/20/2024	0.00075J	No	35	n/a	n/a	n/a	74.29	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-22	0.005	n/a	2/20/2024	0.005ND	No	37	n/a	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-23	0.0084	n/a	2/20/2024	0.005ND	No	37	n/a	n/a	n/a	75.68	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-5	0.005	n/a	2/20/2024	0.005ND	No	37	n/a	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-6	0.005	n/a	2/21/2024	0.005ND	No	37	n/a	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-7	0.016	n/a	2/21/2024	0.005ND	No	35	n/a	n/a	n/a	80	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-8	0.005	n/a	2/21/2024	0.005ND	No	36	n/a	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-9	0.005	n/a	2/20/2024	0.005ND	No	37	n/a	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-11	0.001	n/a	2/19/2024	0.001ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-3	0.001	n/a	2/19/2024	0.001ND	No	42	n/a	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-10	0.001	n/a	2/19/2024	0.001ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-18	0.001	n/a	2/20/2024	0.001ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-19	0.001	n/a	2/20/2024	0.001ND	No	42	n/a	n/a	n/a	92.86	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-20	0.001	n/a	2/20/2024	0.001ND	No	41	n/a	n/a	n/a	97.56	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-21	0.001	n/a	2/20/2024	0.001ND	No	40	n/a	n/a	n/a	90	n/a	n/a	0.001159	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-22	0.001	n/a	2/20/2024	0.001ND	No	42	n/a	n/a	n/a	90.48	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-23	0.001	n/a	2/20/2024	0.001ND	No	42	n/a	n/a	n/a	85.71	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-5	0.001	n/a	2/20/2024	0.001ND	No	42	n/a	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-6	0.001	n/a	2/21/2024	0.001ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-7	0.0016	n/a	2/21/2024	0.001ND	No	41	n/a	n/a	n/a	78.05	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results (No Significant)

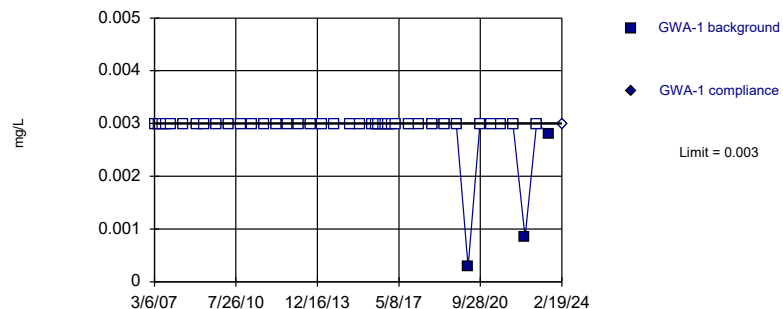
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Plant Hammond Data: Huffaker Road Landfill Printed 4/28/2024, 5:00 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Lead (mg/L)	GWC-8	0.001	n/a	2/21/2024	0.001ND	No	41	n/a	n/a	n/a	95.12	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-1	0.005	n/a	2/19/2024	0.005ND	No	37	n/a	n/a	n/a	81.08	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-11	0.01	n/a	2/19/2024	0.0022J	No	37	n/a	n/a	n/a	48.65	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWA-2	0.005	n/a	2/19/2024	0.005ND	No	37	n/a	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-3	0.005	n/a	2/19/2024	0.005ND	No	37	n/a	n/a	n/a	78.38	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-4	0.0055	n/a	2/19/2024	0.005ND	No	37	n/a	n/a	n/a	54.05	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-10	0.005	n/a	2/19/2024	0.005ND	No	37	n/a	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-18	0.005	n/a	2/20/2024	0.005ND	No	37	n/a	n/a	n/a	75.68	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-19	0.0062	n/a	2/20/2024	0.005ND	No	37	n/a	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-20	0.005	n/a	2/20/2024	0.005ND	No	36	n/a	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-21	0.01004	n/a	2/20/2024	0.0053	No	36	0.06294	0.01589	16.67	Kaplan-Meier	sqrt(x)	0.0002926	Param Intra 1 of 2	
Nickel (mg/L)	GWC-22	0.005	n/a	2/20/2024	0.005ND	No	37	n/a	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-23	0.005	n/a	2/20/2024	0.005ND	No	37	n/a	n/a	n/a	70.27	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-5	0.005	n/a	2/20/2024	0.005ND	No	37	n/a	n/a	n/a	81.08	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-6	0.005	n/a	2/21/2024	0.005ND	No	37	n/a	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-7	0.2857	n/a	2/21/2024	0.13	No	18	0.1037	0.06873	0	None	No	0.0002926	Param Intra 1 of 2	
Nickel (mg/L)	GWC-8	0.0073	n/a	2/21/2024	0.005ND	No	36	n/a	n/a	n/a	83.33	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-9	0.005	n/a	2/20/2024	0.005ND	No	37	n/a	n/a	n/a	48.65	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Selenium (mg/L)	GWA-4	0.005	n/a	2/19/2024	0.005ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-10	0.005	n/a	2/19/2024	0.005ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-21	0.005	n/a	2/20/2024	0.005ND	No	40	n/a	n/a	n/a	95	n/a	n/a	0.001159	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-22	0.005	n/a	2/20/2024	0.005ND	No	42	n/a	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-9	0.005	n/a	2/20/2024	0.005ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-21	0.005	n/a	2/20/2024	0.005ND	No	35	n/a	n/a	n/a	97.14	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-1	0.001	n/a	2/19/2024	0.001ND	No	41	n/a	n/a	n/a	97.56	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-7	0.001	n/a	2/21/2024	0.001ND	No	40	n/a	n/a	n/a	97.5	n/a	n/a	0.001159	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-1	0.01	n/a	2/19/2024	0.01ND	No	37	n/a	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-4	0.01	n/a	2/19/2024	0.0012J	No	37	n/a	n/a	n/a	100	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-21	0.01	n/a	2/20/2024	0.01ND	No	35	n/a	n/a	n/a	94.29	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-23	0.01	n/a	2/20/2024	0.01ND	No	37	n/a	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-5	0.01	n/a	2/20/2024	0.01ND	No	37	n/a	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-7	0.01	n/a	2/21/2024	0.01ND	No	36	n/a	n/a	n/a	86.11	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-9	0.01	n/a	2/20/2024	0.01ND	No	37	n/a	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-1	0.01	n/a	2/19/2024	0.01ND	No	37	n/a	n/a	n/a	78.38	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-11	0.01	n/a	2/19/2024	0.01ND	No	37	n/a	n/a	n/a	70.27	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-2	0.01	n/a	2/19/2024	0.01ND	No	37	n/a	n/a	n/a	72.97	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-3	0.01	n/a	2/19/2024	0.0025J	No	37	n/a	n/a	n/a	62.16	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-4	0.01	n/a	2/19/2024	0.01ND	No	37	n/a	n/a	n/a	40.54	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-10	0.01	n/a	2/19/2024	0.01ND	No	37	n/a	n/a	n/a	81.08	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-18	0.01	n/a	2/20/2024	0.01ND	No	37	n/a	n/a	n/a	72.97	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-19	0.013	n/a	2/20/2024	0.01ND	No	37	n/a	n/a	n/a	64.86	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-20	0.01	n/a	2/20/2024	0.01ND	No	36	n/a	n/a	n/a	83.33	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-21	0.0108	n/a	2/20/2024	0.0068J	No	35	n/a	n/a	n/a	25.71	n/a	n/a	0.001497	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-22	0.01	n/a	2/20/2024	0.01ND	No	37	n/a	n/a	n/a	83.78	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-23	0.01	n/a	2/20/2024	0.01ND	No	37	n/a	n/a	n/a	59.46	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-5	0.01	n/a	2/20/2024	0.01ND	No	37	n/a	n/a	n/a	64.86	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-6	0.01	n/a	2/21/2024	0.01ND	No	37	n/a	n/a	n/a	75.68	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-7	0.6442	n/a	2/21/2024	0.27	No	18	0.4064	0.1497	0	None	sqrt(x)	0.0002926	Param Intra 1 of 2	
Zinc (mg/L)	GWC-8	0.01	n/a	2/21/2024	0.01ND	No	36	n/a	n/a	n/a	75	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-9	0.01	n/a	2/20/2024	0.01ND	No	37	n/a	n/a	n/a	70.27	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2

Within Limit

Prediction Limit Intrawell Non-parametric

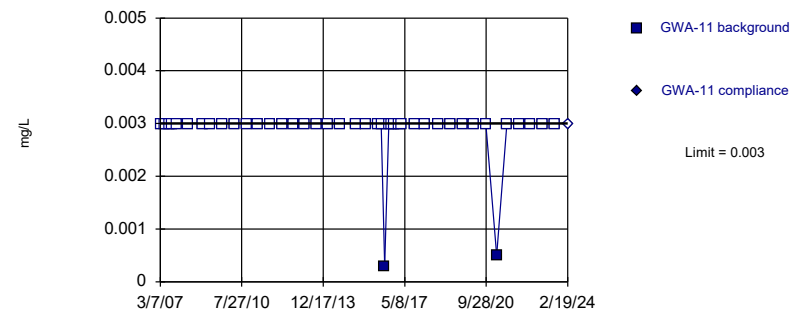


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Antimony Analysis Run 4/28/2024 4:56 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

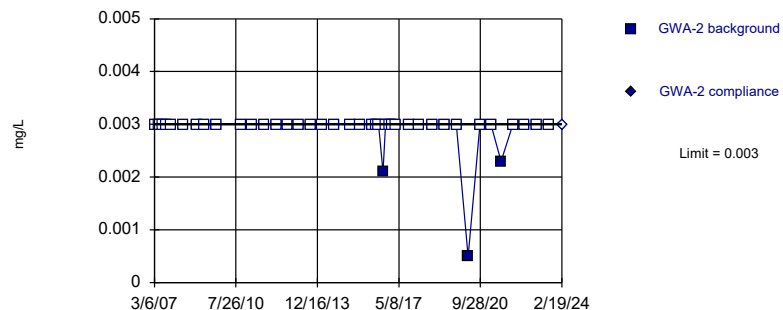


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Antimony Analysis Run 4/28/2024 4:56 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

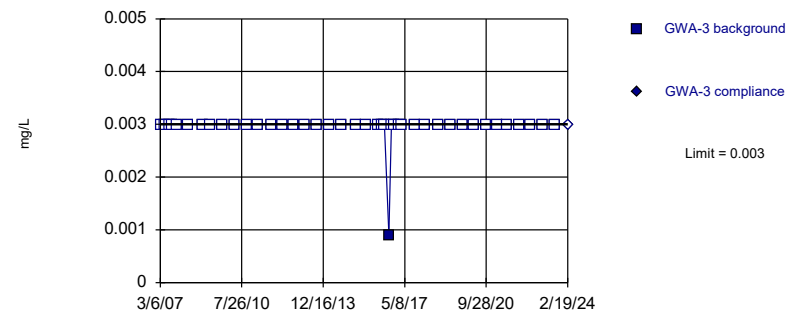


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 92.68% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Antimony Analysis Run 4/28/2024 4:56 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

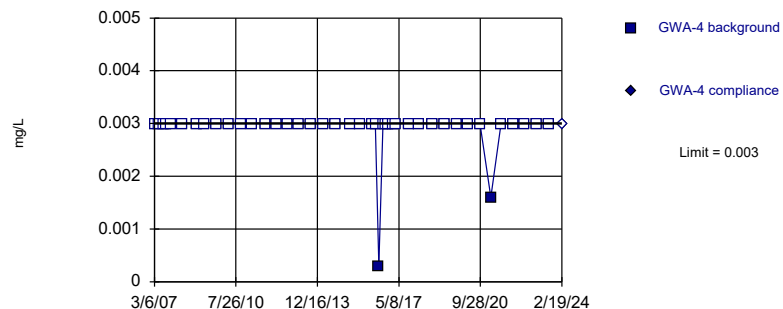


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Antimony Analysis Run 4/28/2024 4:56 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

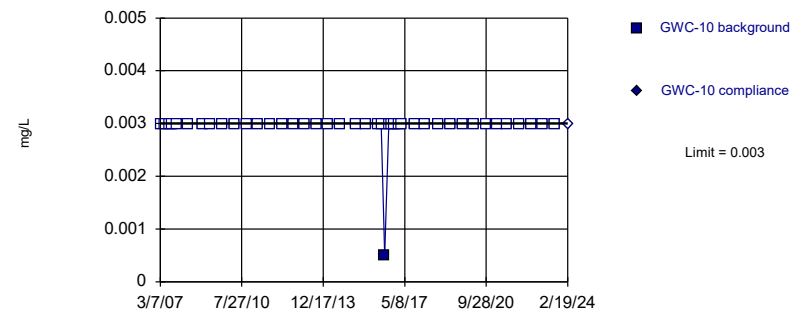


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Antimony Analysis Run 4/28/2024 4:56 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

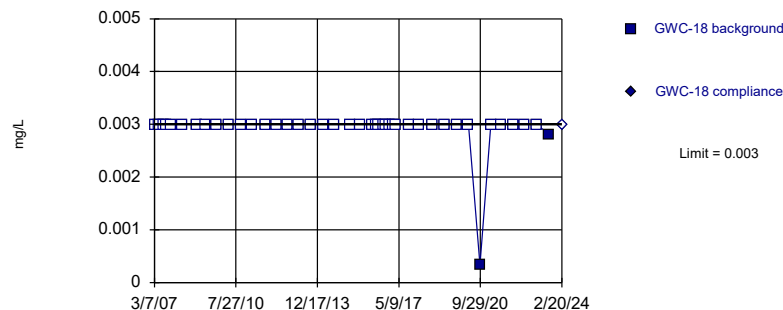


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Antimony Analysis Run 4/28/2024 4:56 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

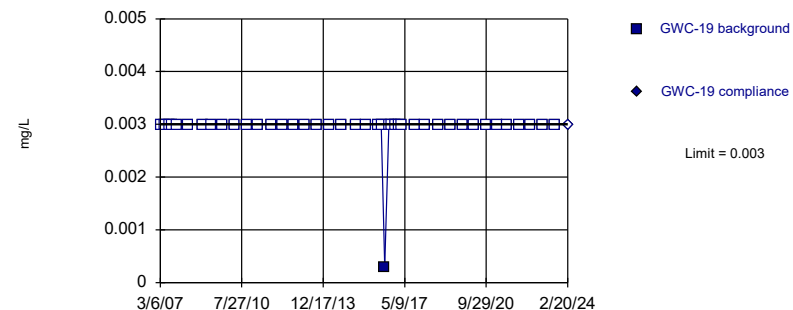


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Antimony Analysis Run 4/28/2024 4:56 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

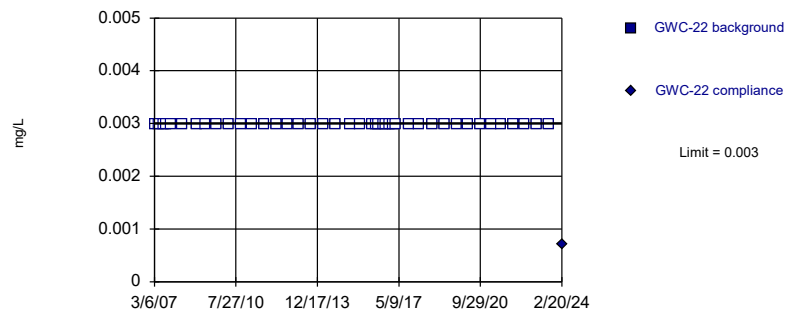


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Antimony Analysis Run 4/28/2024 4:56 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

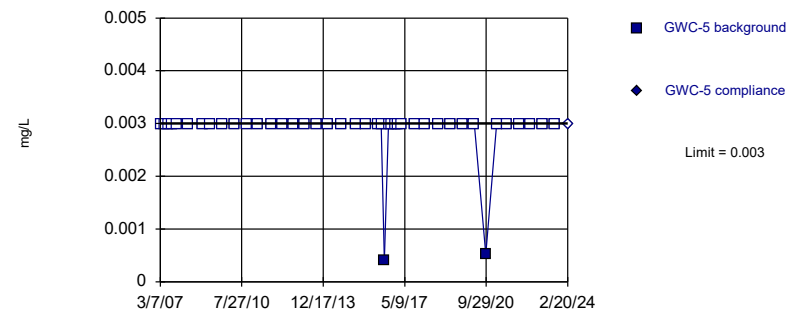


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 42) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Antimony Analysis Run 4/28/2024 4:56 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

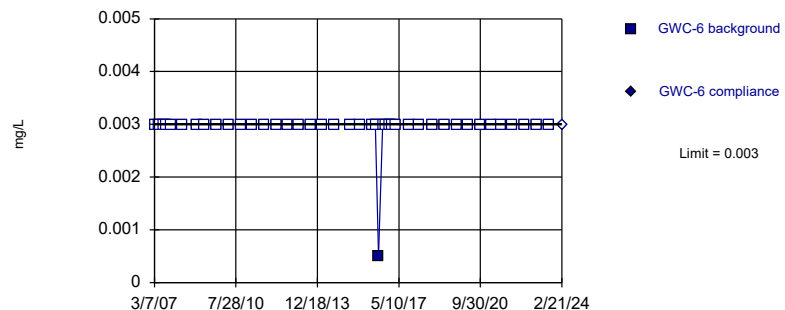


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Antimony Analysis Run 4/28/2024 4:56 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

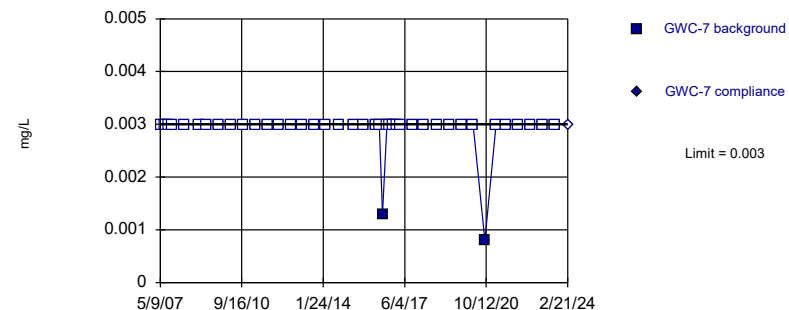


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Antimony Analysis Run 4/28/2024 4:56 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

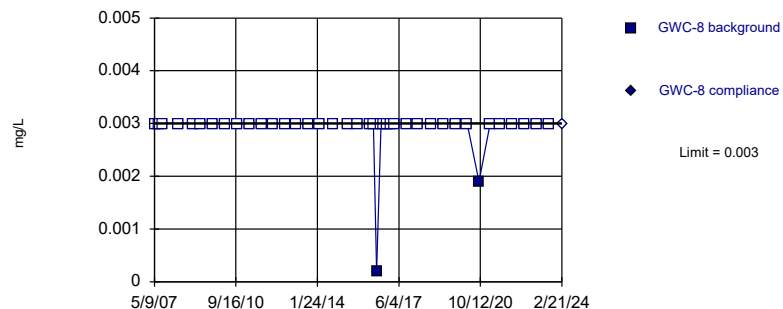


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 95.12% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Antimony Analysis Run 4/28/2024 4:56 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

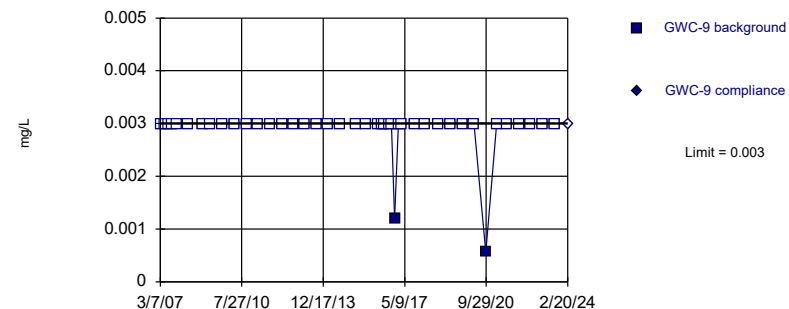


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 40 background values. 95% NDs. Well-constituent pair annual alpha = 0.002316. Individual comparison alpha = 0.001159 (1 of 2).

Constituent: Antimony Analysis Run 4/28/2024 4:56 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

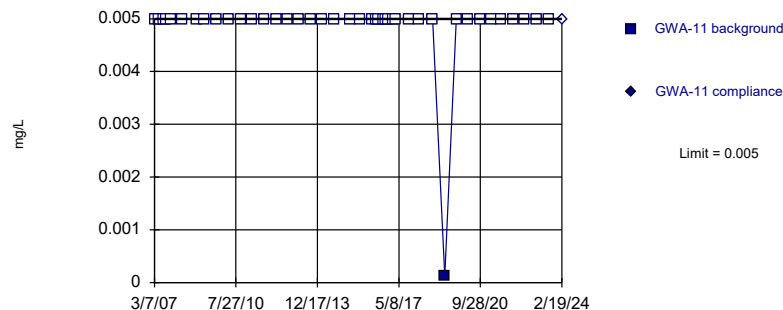


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Antimony Analysis Run 4/28/2024 4:56 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

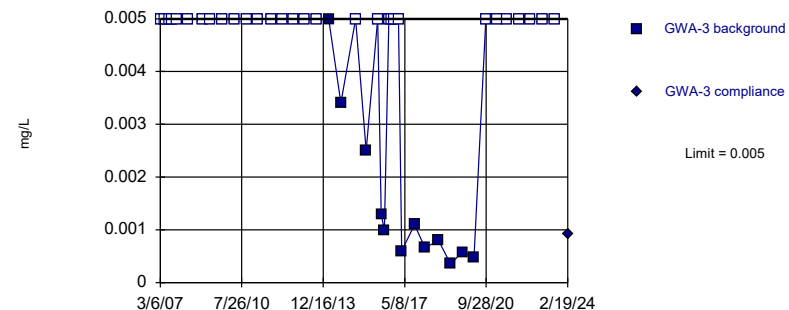


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Arsenic Analysis Run 4/28/2024 4:56 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

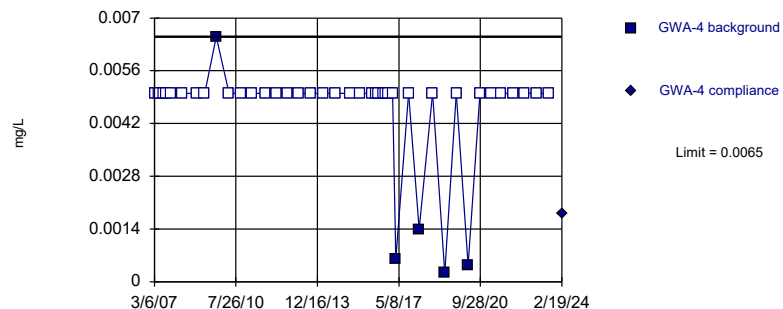


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Arsenic Analysis Run 4/28/2024 4:56 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

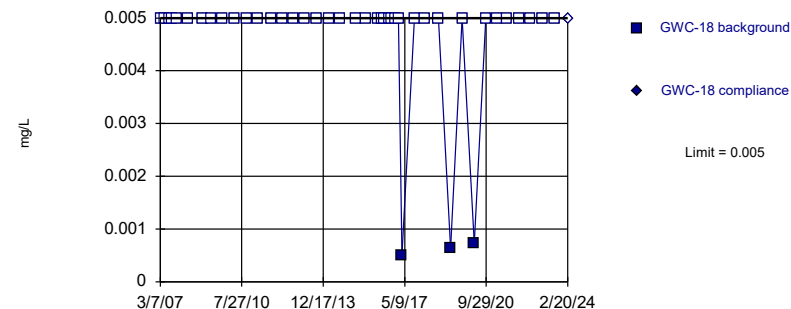


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 88.1% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Arsenic Analysis Run 4/28/2024 4:56 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

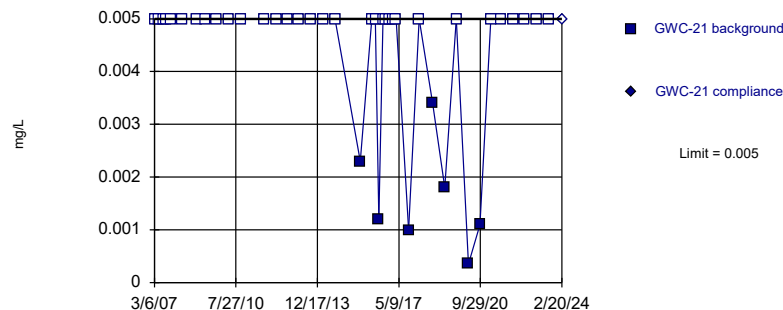


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Arsenic Analysis Run 4/28/2024 4:56 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

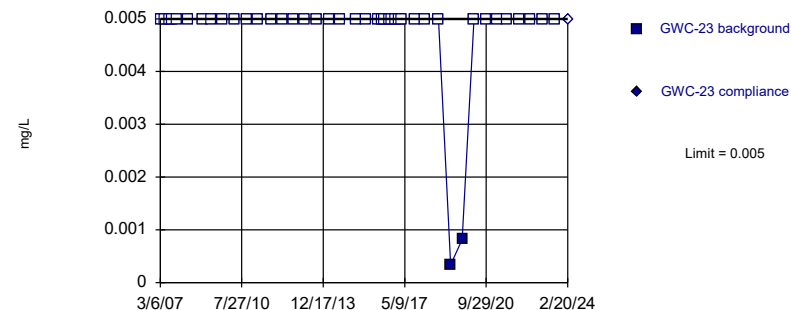


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 40 background values. 82.5% NDs. Well-constituent pair annual alpha = 0.002316. Individual comparison alpha = 0.001159 (1 of 2).

Constituent: Arsenic Analysis Run 4/28/2024 4:56 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

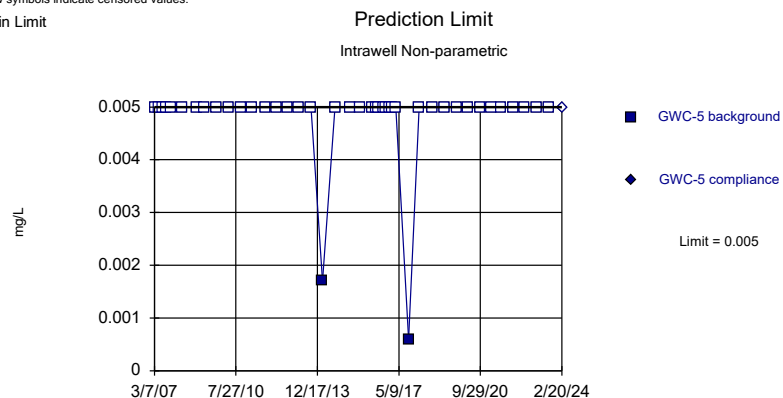
Prediction Limit Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Arsenic Analysis Run 4/28/2024 4:56 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

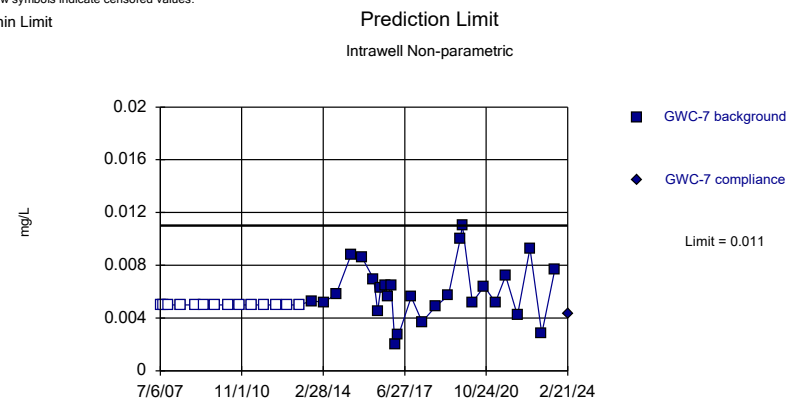
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Arsenic Analysis Run 4/28/2024 4:56 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

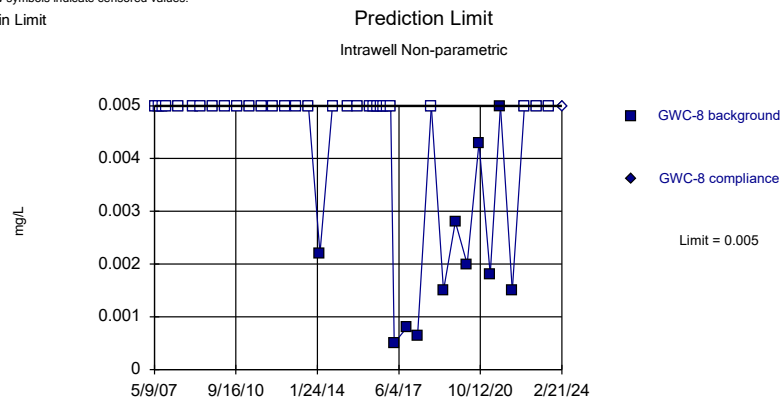
Within Limit



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 41 background values. 34.15% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Arsenic Analysis Run 4/28/2024 4:56 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

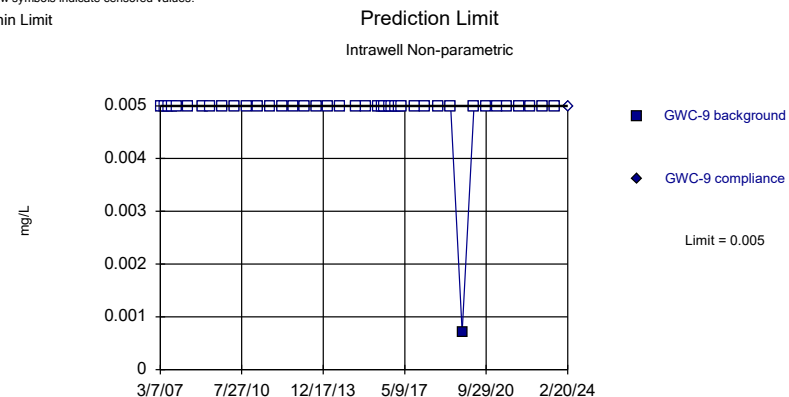
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 73.17% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Arsenic Analysis Run 4/28/2024 4:56 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit



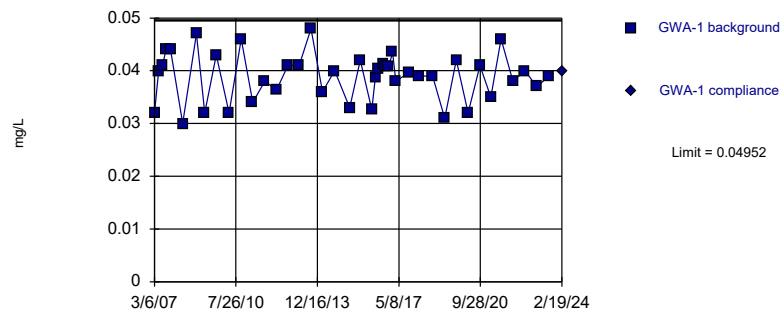
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Arsenic Analysis Run 4/28/2024 4:56 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



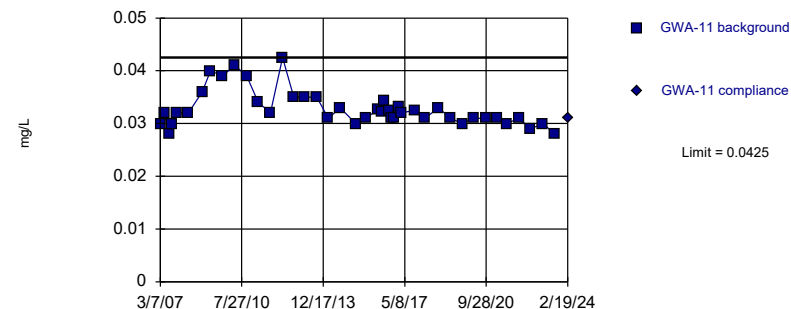
Background Data Summary: Mean=0.03893, Std. Dev.=0.004587, n=42. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.956, critical = 0.922. Kappa = 2.31 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

Constituent: Barium Analysis Run 4/28/2024 4:56 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



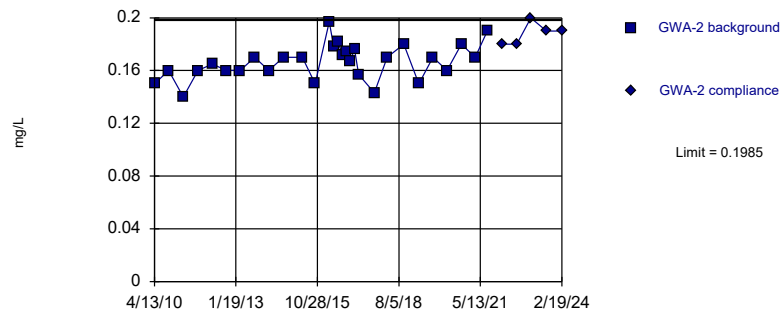
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 42 background values. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Barium Analysis Run 4/28/2024 4:56 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



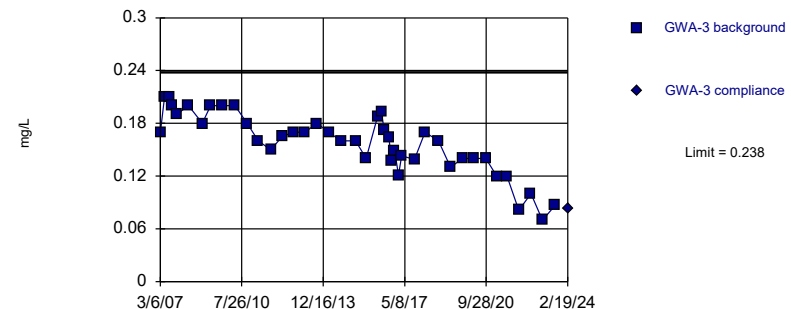
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Constituent: Barium Analysis Run 4/28/2024 4:56 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



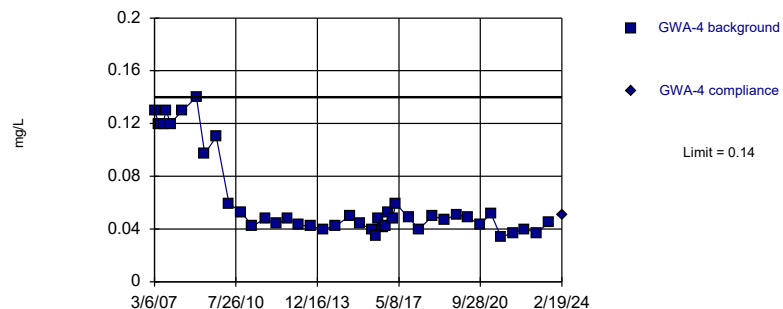
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Constituent: Barium Analysis Run 4/28/2024 4:56 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



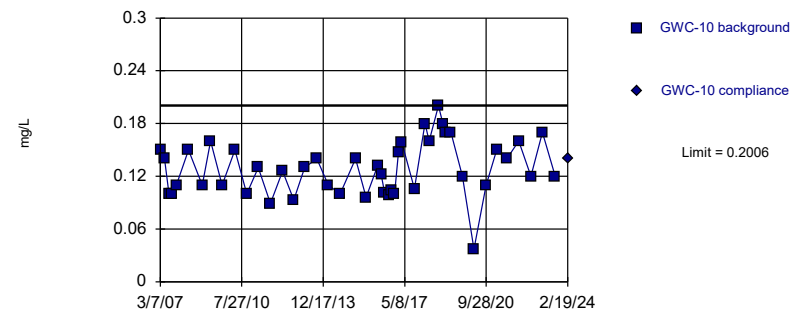
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 42 background values. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Barium Analysis Run 4/28/2024 4:56 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



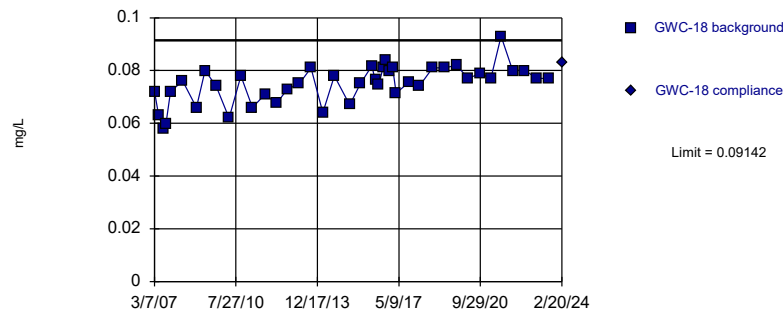
Background Data Summary: Mean=0.1287, Std. Dev.=0.03134, n=45. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.966, critical = 0.926. Kappa = 2.295 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

Constituent: Barium Analysis Run 4/28/2024 4:56 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



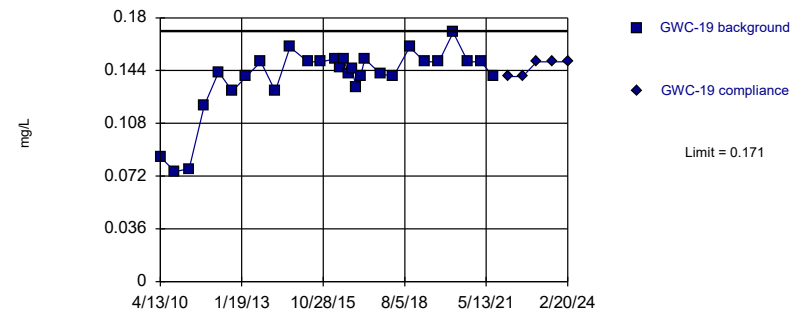
Background Data Summary: Mean=0.07482, Std. Dev.=0.007187, n=42. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9514, critical = 0.922. Kappa = 2.31 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

Constituent: Barium Analysis Run 4/28/2024 4:56 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



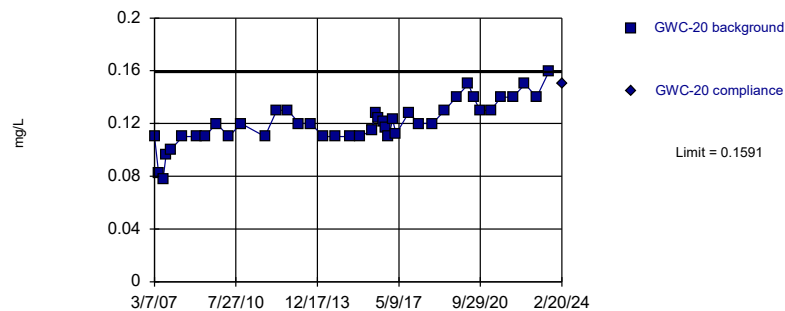
Background Data Summary (based on x^4 transformation): Mean=0.0004195, Std. Dev.=0.0001801, n=29. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9247, critical = 0.898. Kappa = 2.414 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

Constituent: Barium Analysis Run 4/28/2024 4:56 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



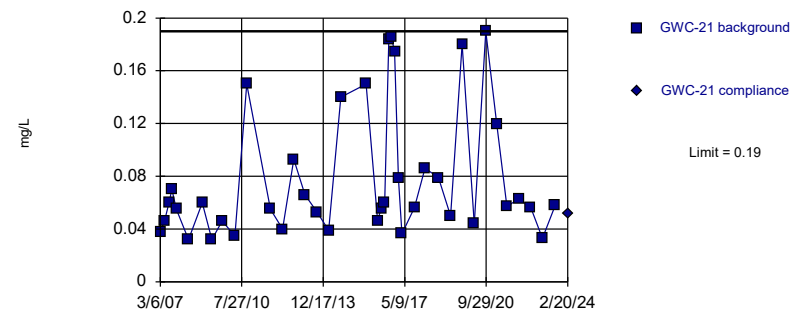
Background Data Summary: Mean=0.1206, Std. Dev.=0.01669, n=42. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9586, critical = 0.922. Kappa = 2.31 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

Constituent: Barium Analysis Run 4/28/2024 4:56 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



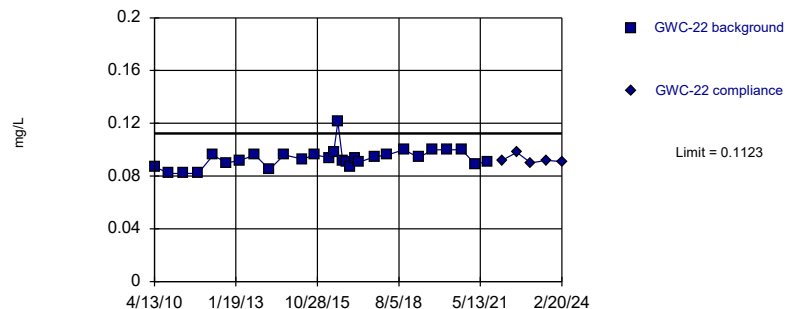
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 40 background values. Well-constituent pair annual alpha = 0.002316. Individual comparison alpha = 0.001159 (1 of 2).

Constituent: Barium Analysis Run 4/28/2024 4:56 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



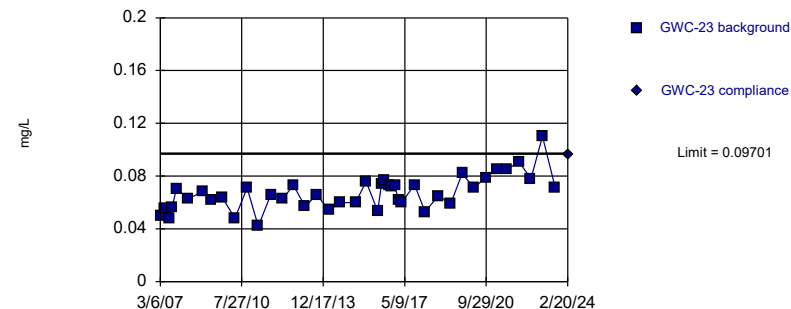
Background Data Summary (based on natural log transformation): Mean=-2.374, Std. Dev.=0.07763, n=29. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9051, critical = 0.898. Kappa = 2.414 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

Constituent: Barium Analysis Run 4/28/2024 4:56 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



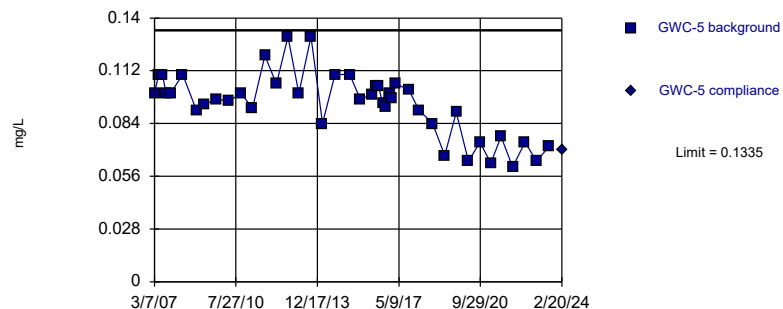
Background Data Summary: Mean=0.0671, Std. Dev.=0.01295, n=42. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9676, critical = 0.922. Kappa = 2.31 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

Constituent: Barium Analysis Run 4/28/2024 4:56 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.09442, Std. Dev.=0.0169, n=42. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9413, critical = 0.922. Kappa = 2.31 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

Constituent: Barium Analysis Run 4/28/2024 4:57 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



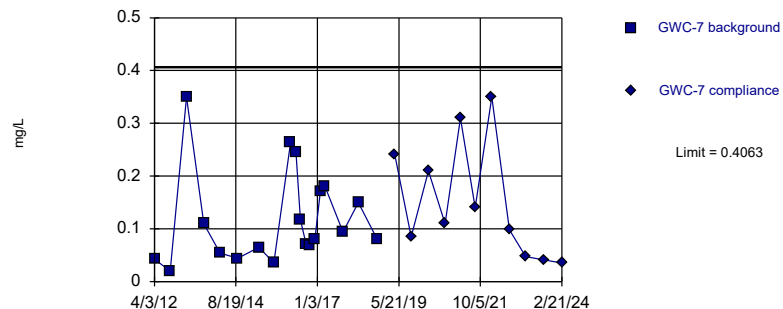
Background Data Summary: Mean=0.1469, Std. Dev.=0.0273, n=29. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9315, critical = 0.898. Kappa = 2.414 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

Constituent: Barium Analysis Run 4/28/2024 4:57 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



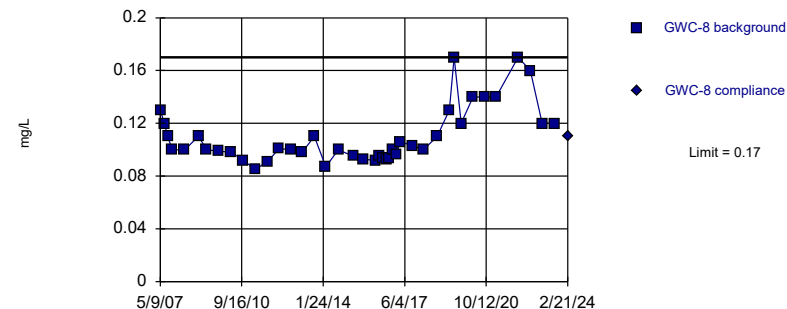
Background Data Summary (based on square root transformation): Mean=0.3226, Std. Dev.=0.1206, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9476, critical = 0.901. Kappa = 2.611 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

Constituent: Barium Analysis Run 4/28/2024 4:57 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



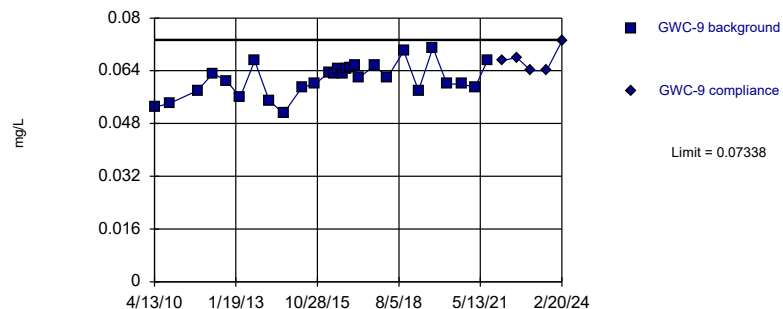
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 41 background values. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Barium Analysis Run 4/28/2024 4:57 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



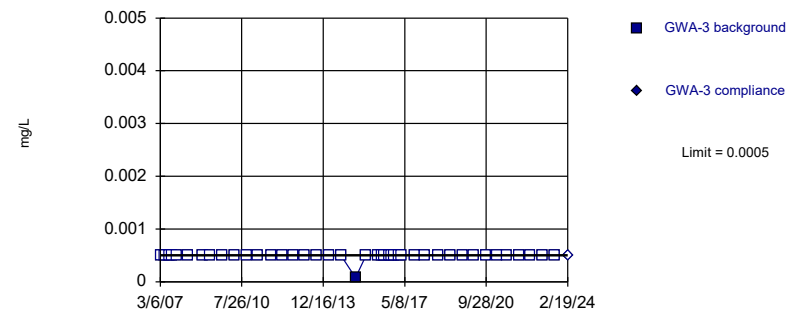
Background Data Summary: Mean=0.06145, Std. Dev.=0.004913, n=28. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9838, critical = 0.896. Kappa = 2.428 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

Constituent: Barium Analysis Run 4/28/2024 4:57 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



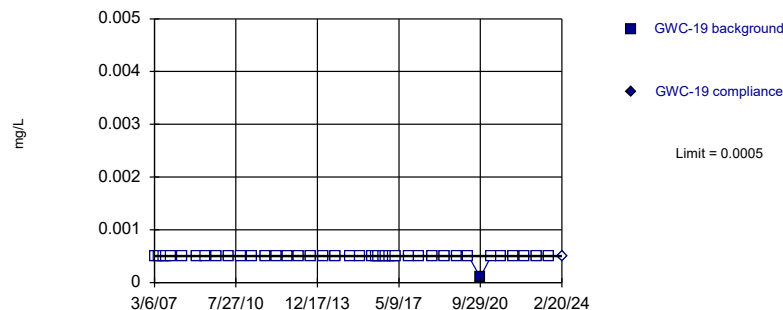
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Beryllium Analysis Run 4/28/2024 4:57 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



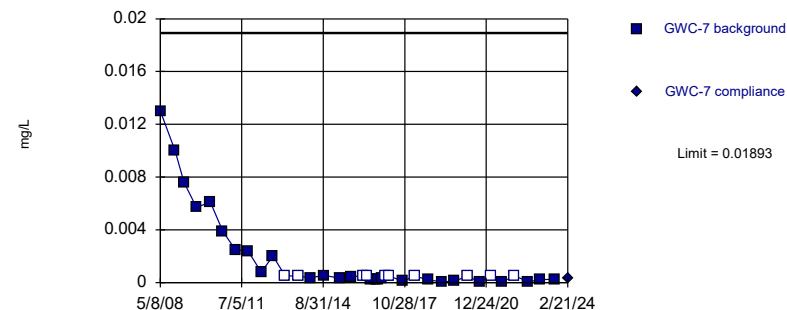
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Beryllium Analysis Run 4/28/2024 4:57 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric

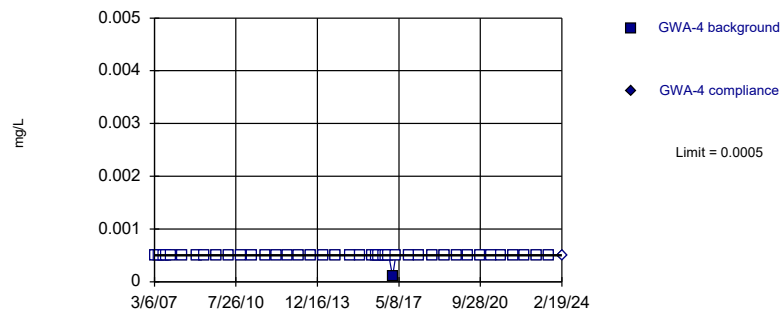


Background Data Summary (based on natural log transformation) (after Kaplan-Meier Adjustment): Mean=-7.995, Std. Dev.=1.723, n=37, 27.03% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9203, critical = 0.914. Kappa = 2.338 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

Constituent: Beryllium Analysis Run 4/28/2024 4:57 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

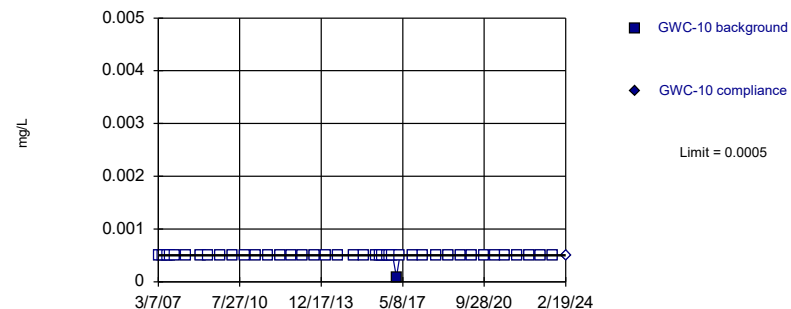


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Cadmium Analysis Run 4/28/2024 4:57 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

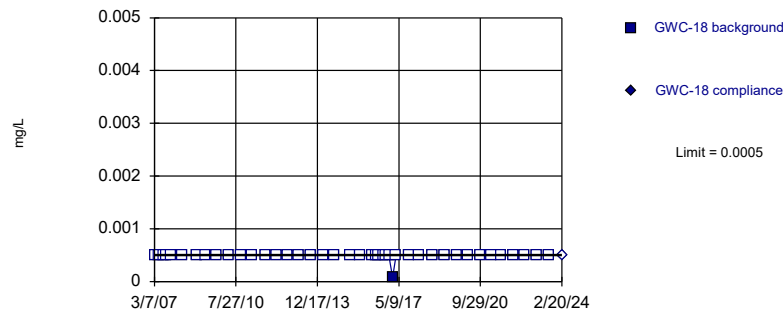


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Cadmium Analysis Run 4/28/2024 4:57 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

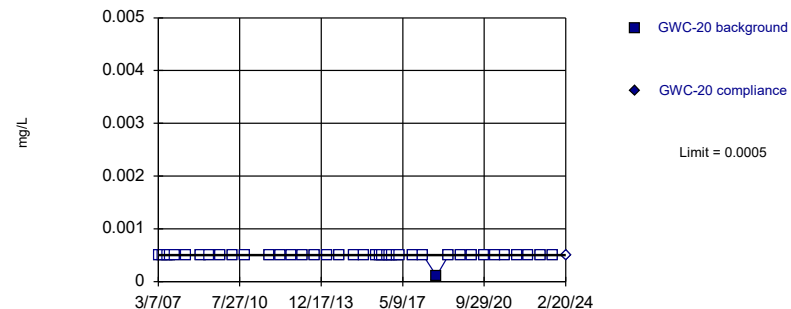


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Cadmium Analysis Run 4/28/2024 4:57 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

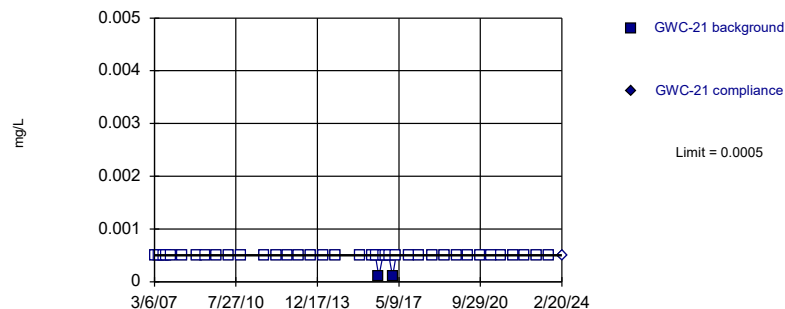


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 97.56% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Cadmium Analysis Run 4/28/2024 4:57 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

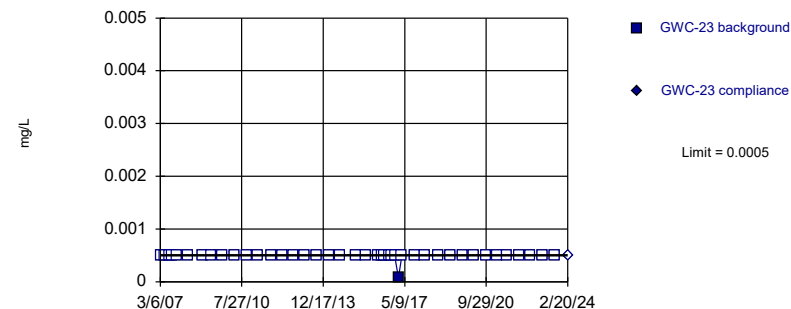


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 40 background values. 95% NDs. Well-constituent pair annual alpha = 0.002316. Individual comparison alpha = 0.001159 (1 of 2).

Constituent: Cadmium Analysis Run 4/28/2024 4:57 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

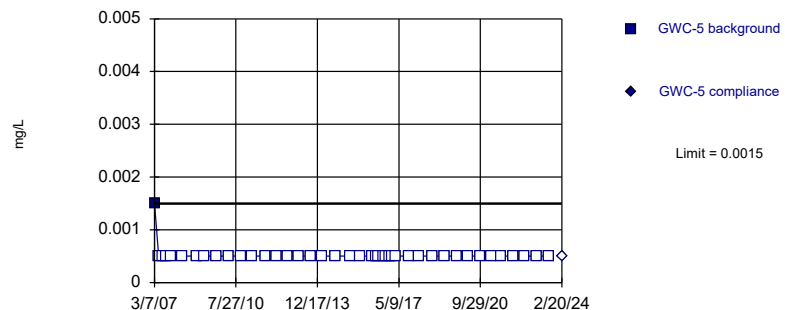


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Cadmium Analysis Run 4/28/2024 4:57 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

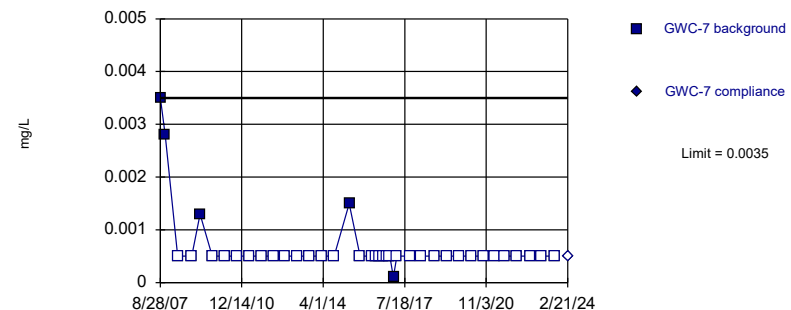


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Cadmium Analysis Run 4/28/2024 4:57 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

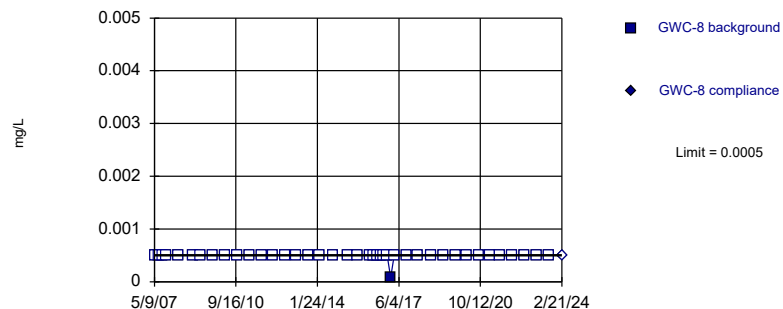


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 39 background values. 87.18% NDs. Well-constituent pair annual alpha = 0.002451. Individual comparison alpha = 0.001226 (1 of 2).

Constituent: Cadmium Analysis Run 4/28/2024 4:57 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

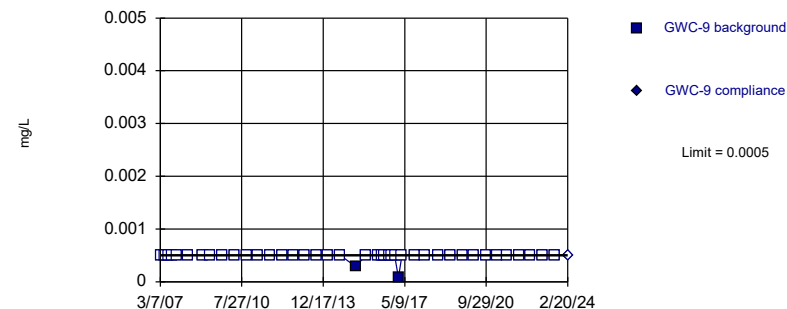


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 97.56% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Cadmium Analysis Run 4/28/2024 4:57 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

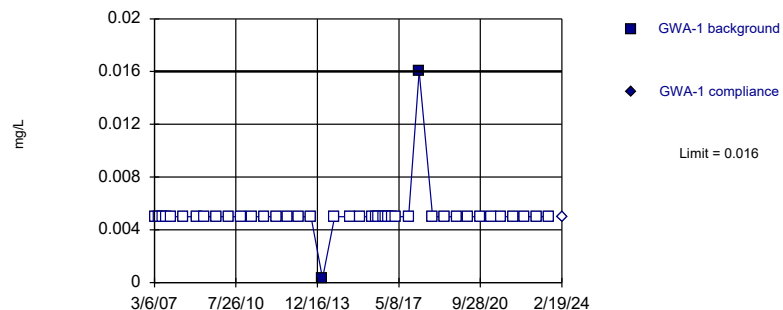


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Cadmium Analysis Run 4/28/2024 4:57 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

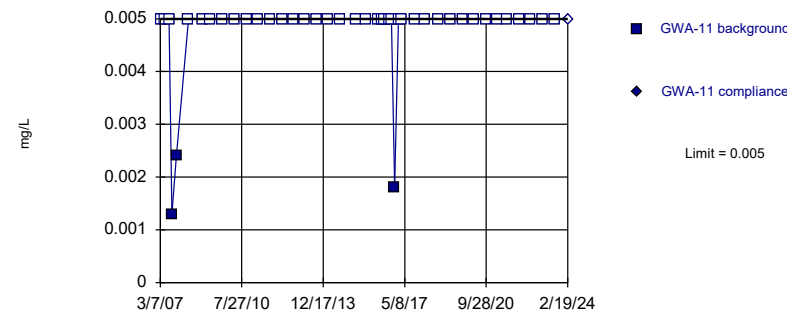


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Chromium Analysis Run 4/28/2024 4:57 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

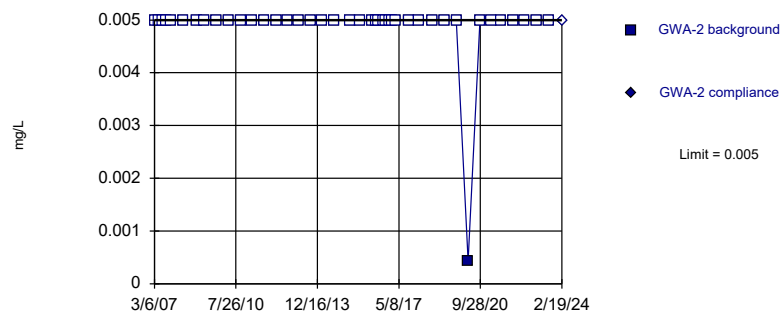


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Chromium Analysis Run 4/28/2024 4:57 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

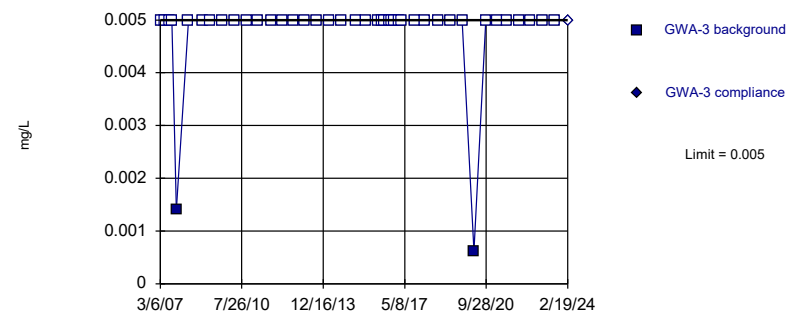


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Chromium Analysis Run 4/28/2024 4:57 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

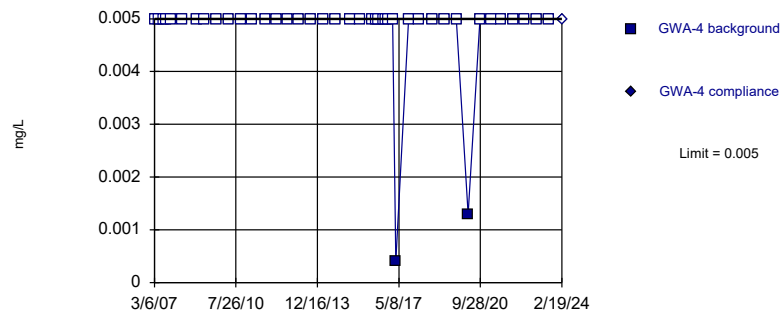


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Chromium Analysis Run 4/28/2024 4:57 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

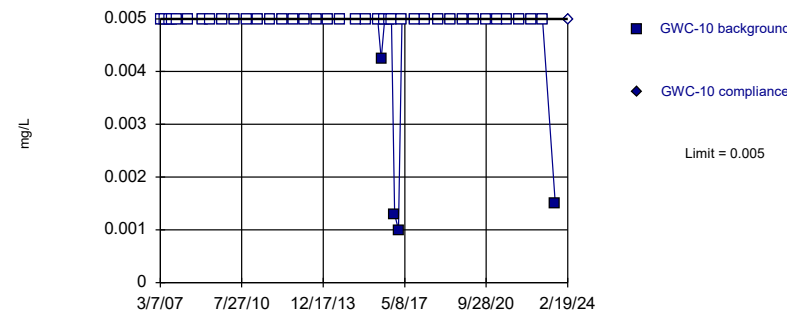


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Chromium Analysis Run 4/28/2024 4:57 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

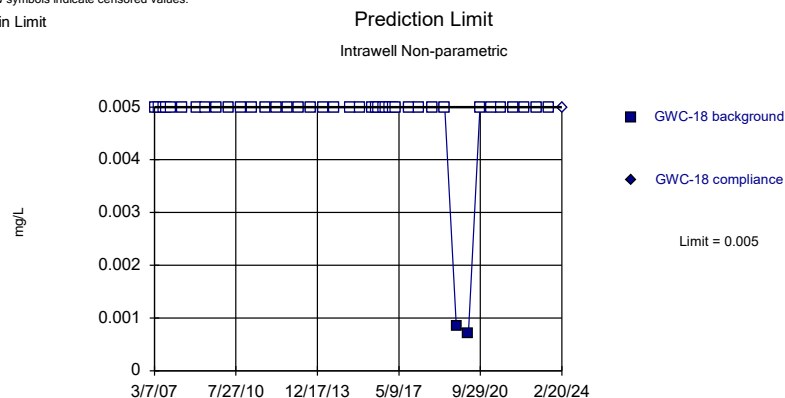
Prediction Limit Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Chromium Analysis Run 4/28/2024 4:57 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

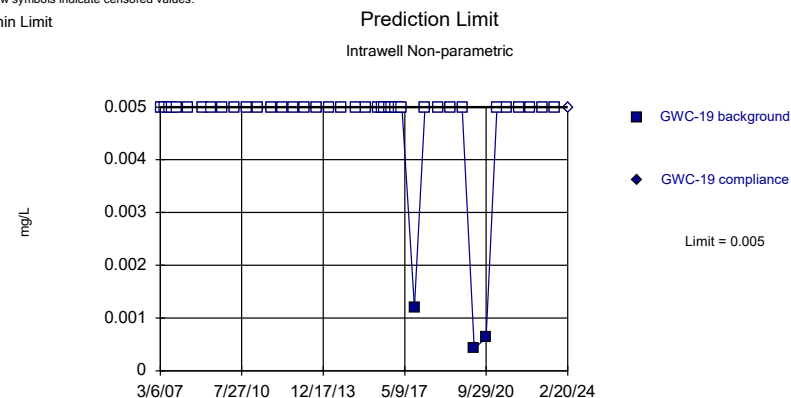
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Chromium Analysis Run 4/28/2024 4:57 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

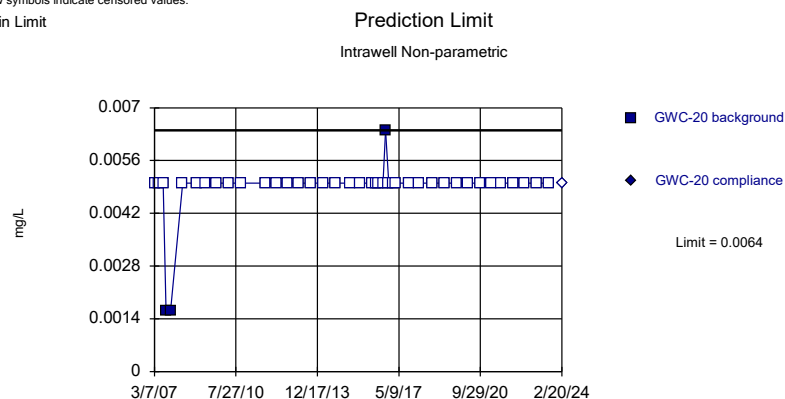
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Chromium Analysis Run 4/28/2024 4:57 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

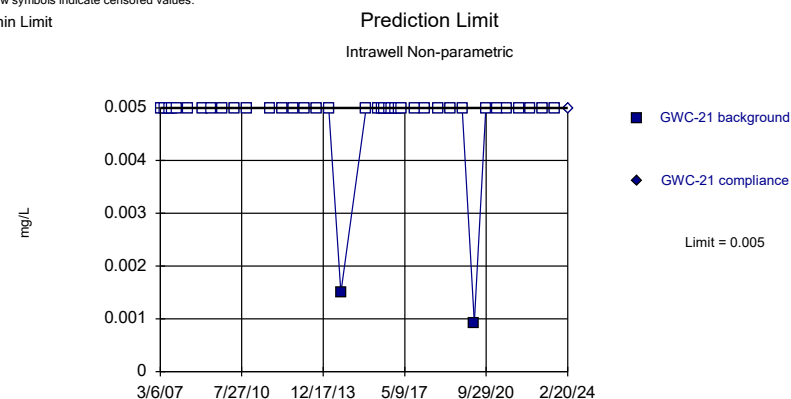
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 92.68% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Chromium Analysis Run 4/28/2024 4:57 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

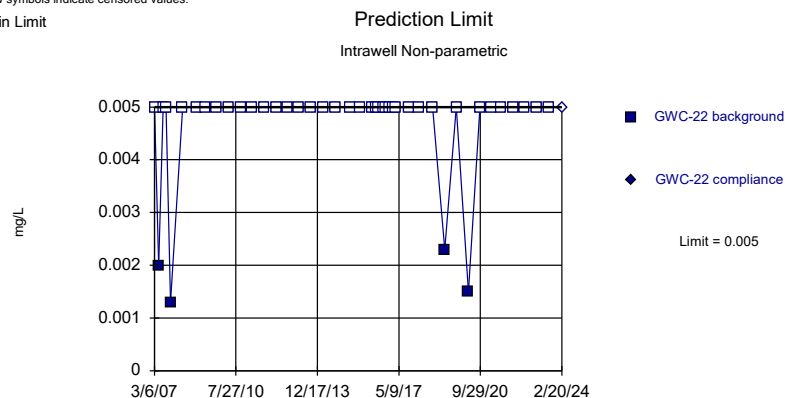
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 40 background values. 95% NDs. Well-constituent pair annual alpha = 0.002316. Individual comparison alpha = 0.001159 (1 of 2).

Constituent: Chromium Analysis Run 4/28/2024 4:57 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

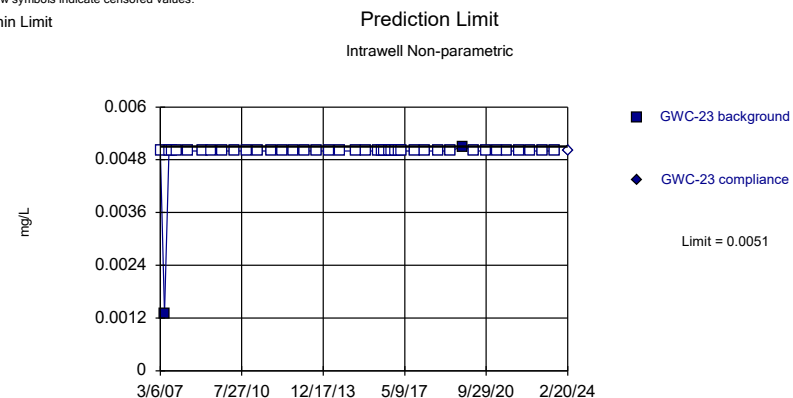
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Chromium Analysis Run 4/28/2024 4:57 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

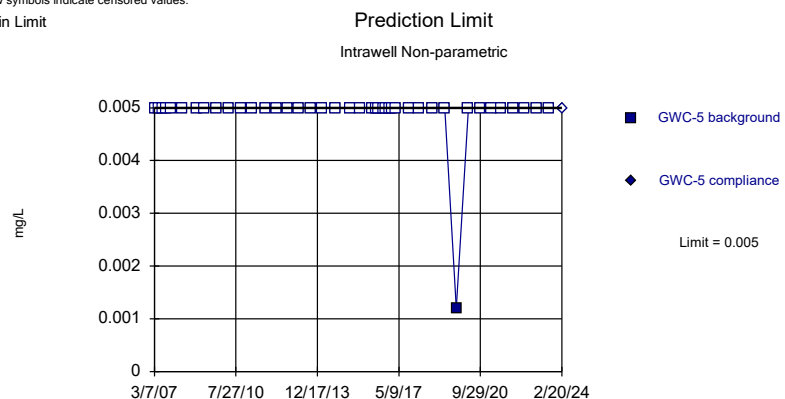
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Chromium Analysis Run 4/28/2024 4:57 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

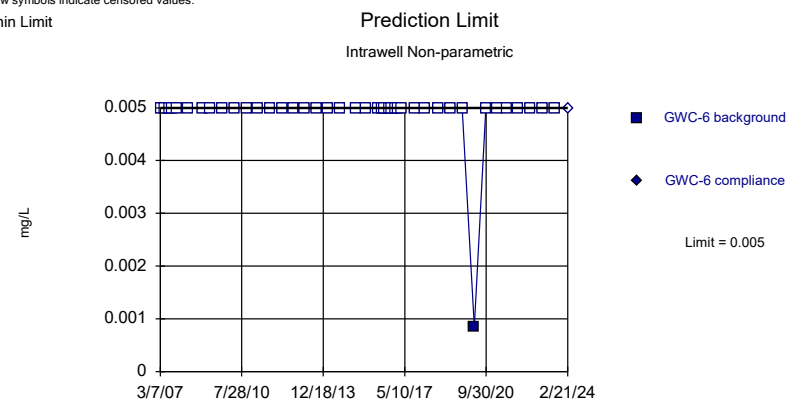
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Chromium Analysis Run 4/28/2024 4:57 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

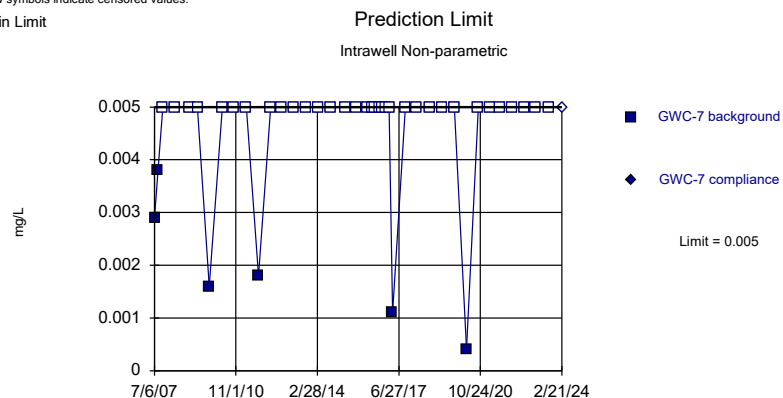
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Chromium Analysis Run 4/28/2024 4:57 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

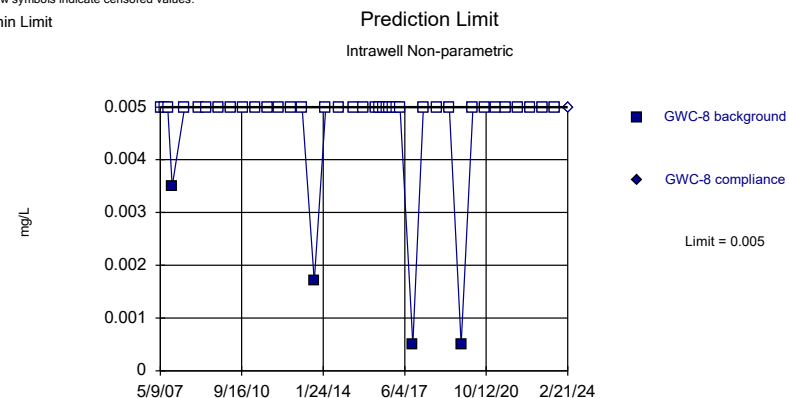
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 40 background values. 85% NDs. Well-constituent pair annual alpha = 0.002316. Individual comparison alpha = 0.001159 (1 of 2).

Constituent: Chromium Analysis Run 4/28/2024 4:57 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

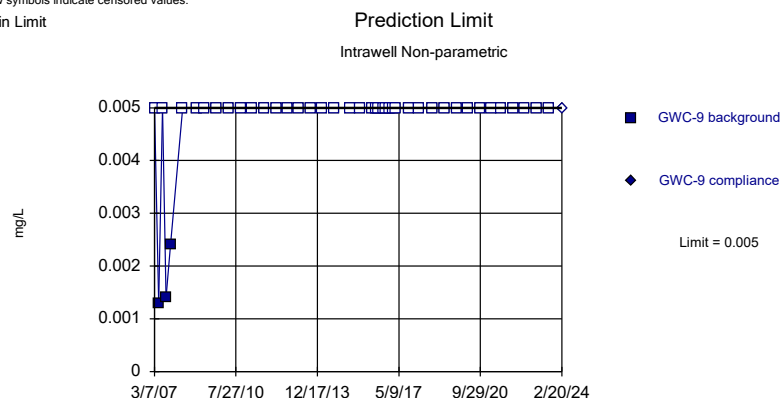
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 90.24% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Chromium Analysis Run 4/28/2024 4:57 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

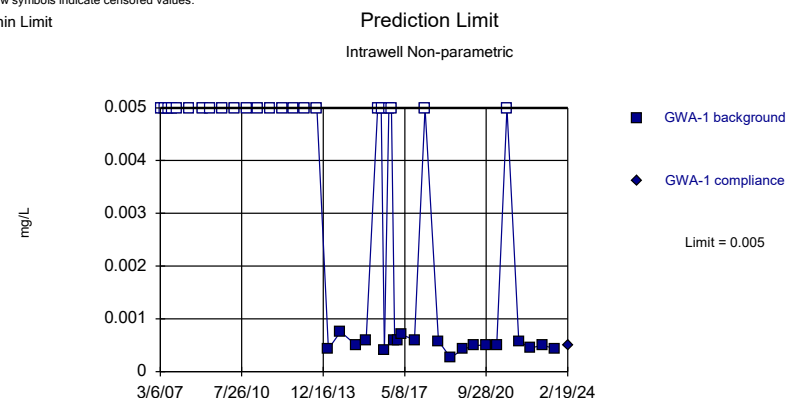
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Chromium Analysis Run 4/28/2024 4:57 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

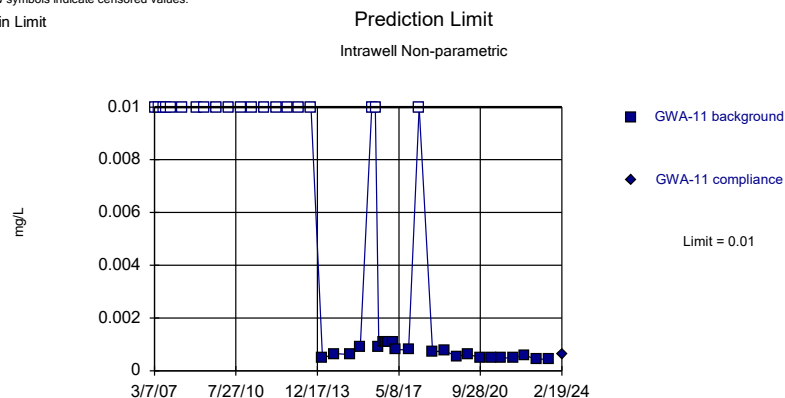
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 54.76% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Cobalt Analysis Run 4/28/2024 4:57 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

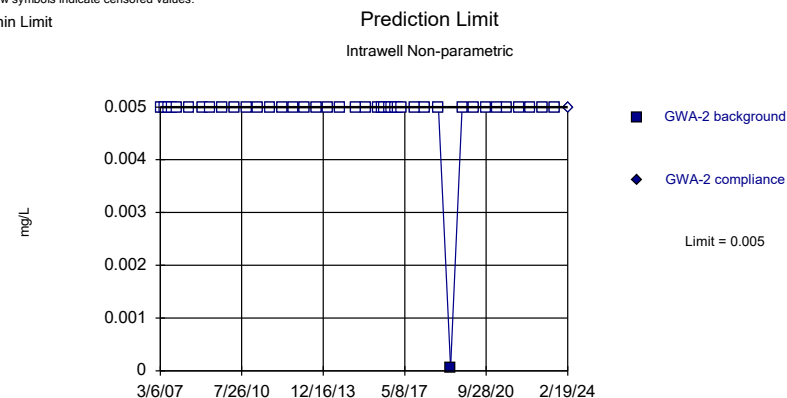
Within Limit



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 42 background values. 47.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Cobalt Analysis Run 4/28/2024 4:57 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

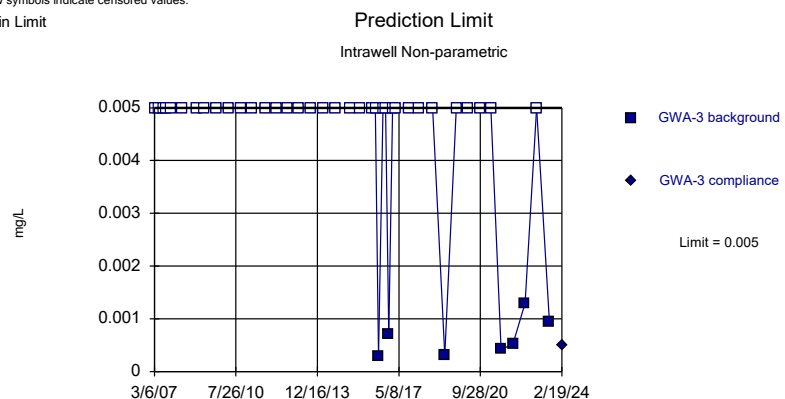
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Cobalt Analysis Run 4/28/2024 4:57 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

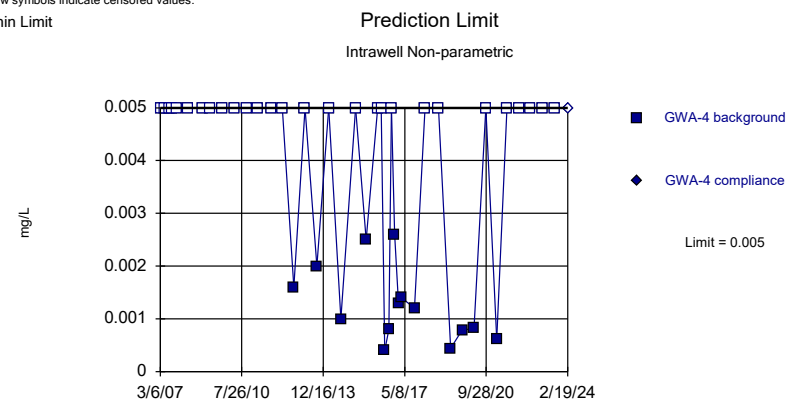
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 83.33% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Cobalt Analysis Run 4/28/2024 4:57 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

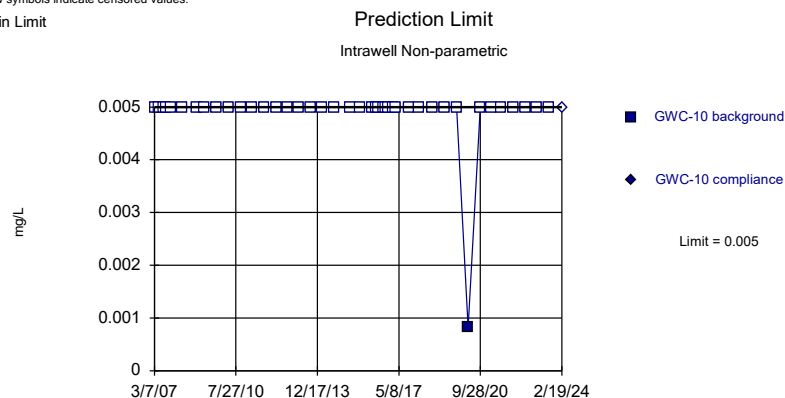
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Cobalt Analysis Run 4/28/2024 4:57 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

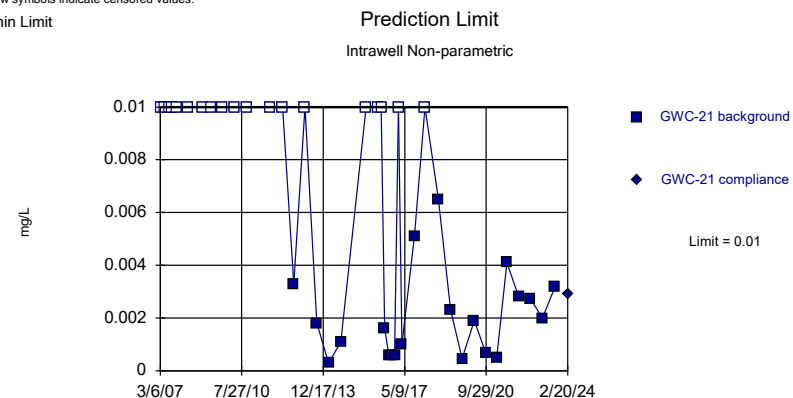
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Cobalt Analysis Run 4/28/2024 4:57 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

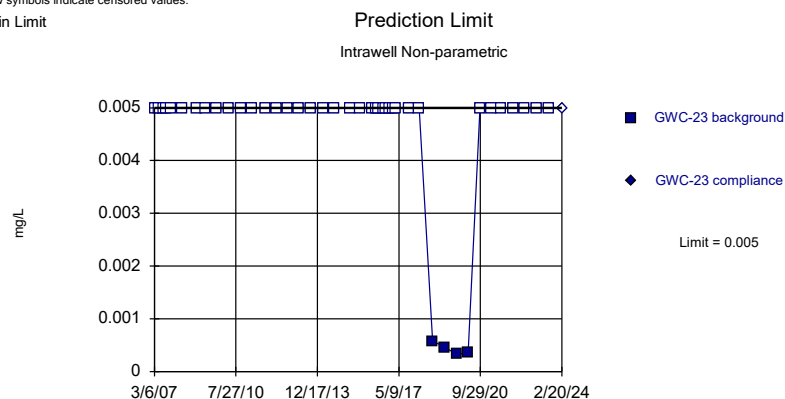
Within Limit



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 40 background values. 47.5% NDs. Well-constituent pair annual alpha = 0.002316. Individual comparison alpha = 0.001159 (1 of 2).

Constituent: Cobalt Analysis Run 4/28/2024 4:57 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

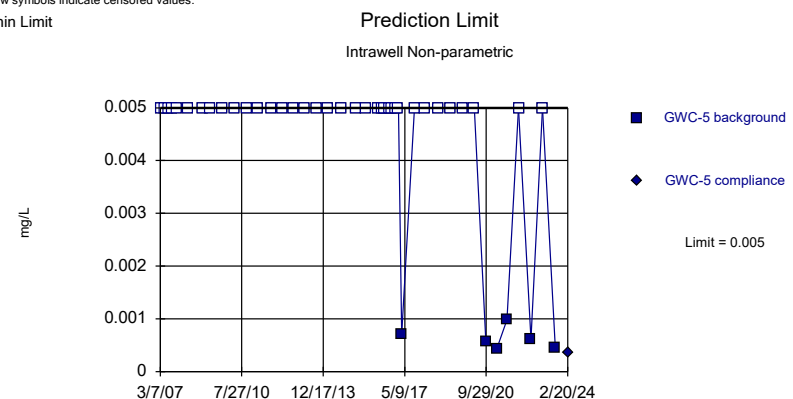
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Cobalt Analysis Run 4/28/2024 4:57 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

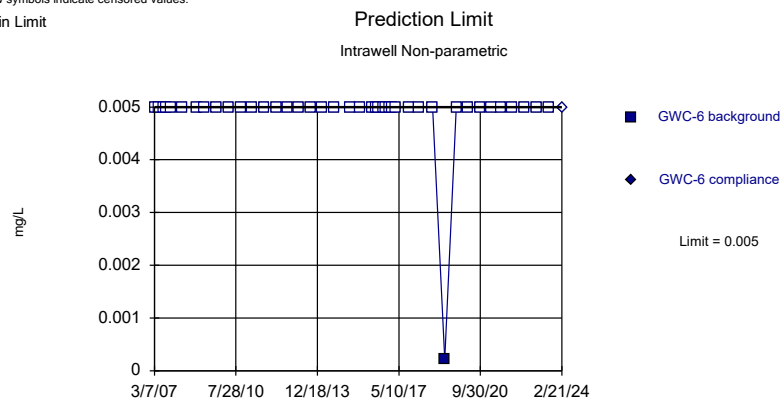
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Cobalt Analysis Run 4/28/2024 4:57 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

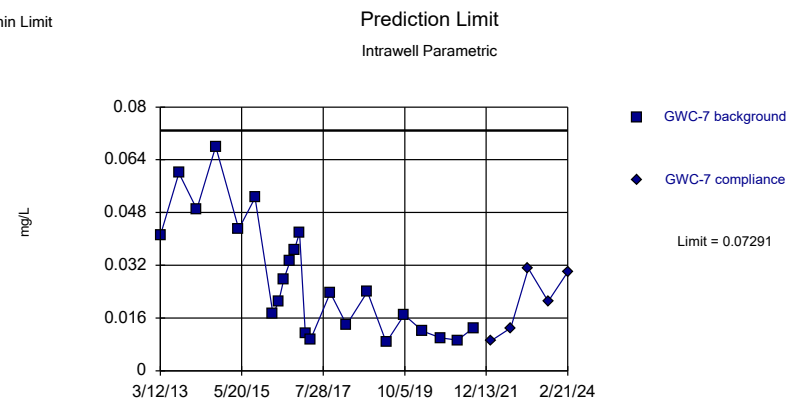
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Cobalt Analysis Run 4/28/2024 4:57 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

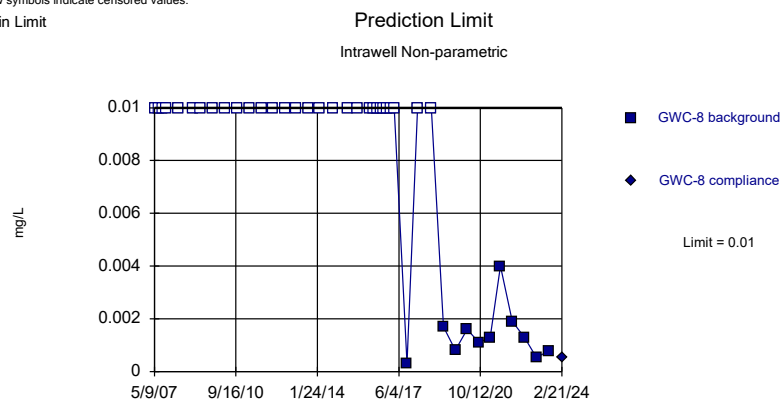
Within Limit



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 = 2.512 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

Constituent: Cobalt Analysis Run 4/28/2024 4:57 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

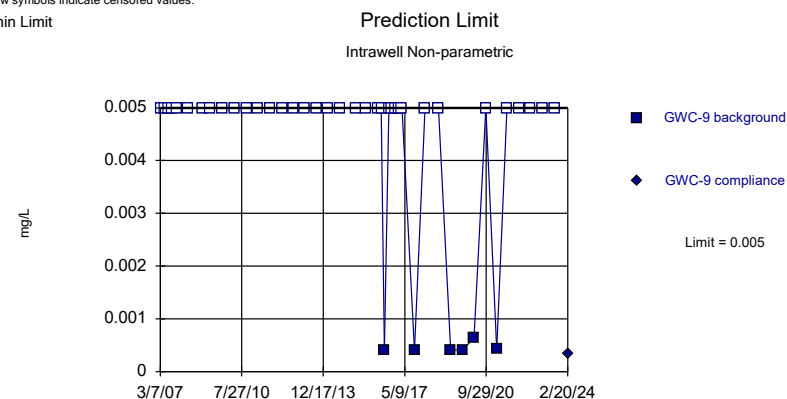
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 73.17% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Cobalt Analysis Run 4/28/2024 4:57 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

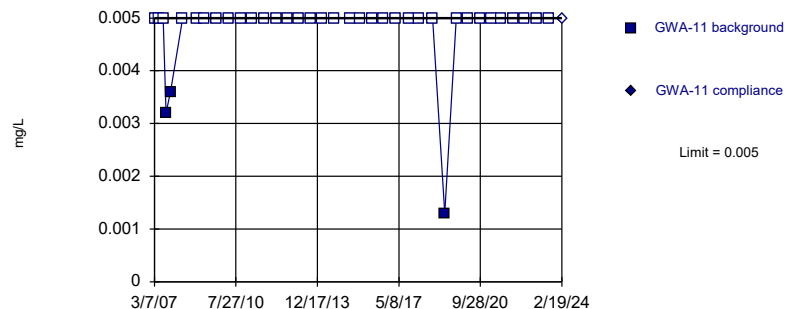


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Cobalt Analysis Run 4/28/2024 4:57 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

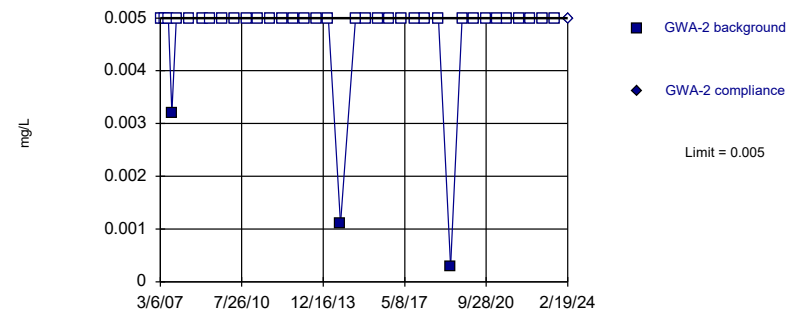


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Copper Analysis Run 4/28/2024 4:57 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

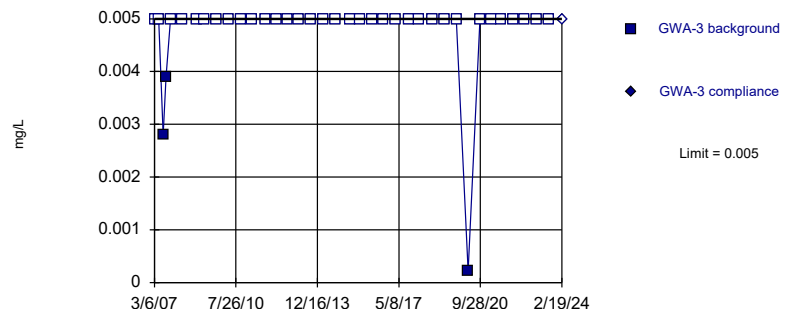


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Copper Analysis Run 4/28/2024 4:57 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

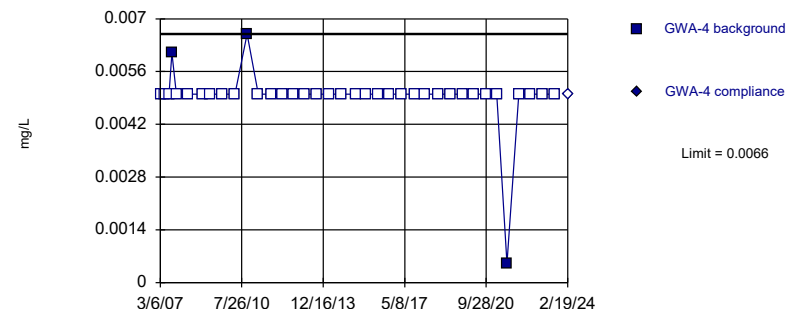


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Copper Analysis Run 4/28/2024 4:57 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

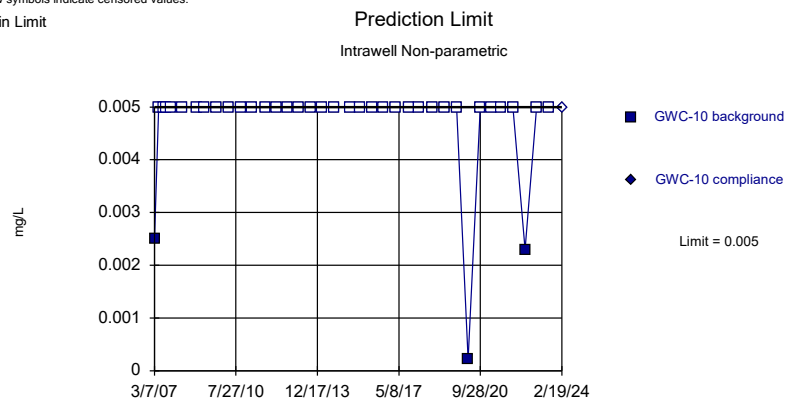
Prediction Limit Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Copper Analysis Run 4/28/2024 4:57 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

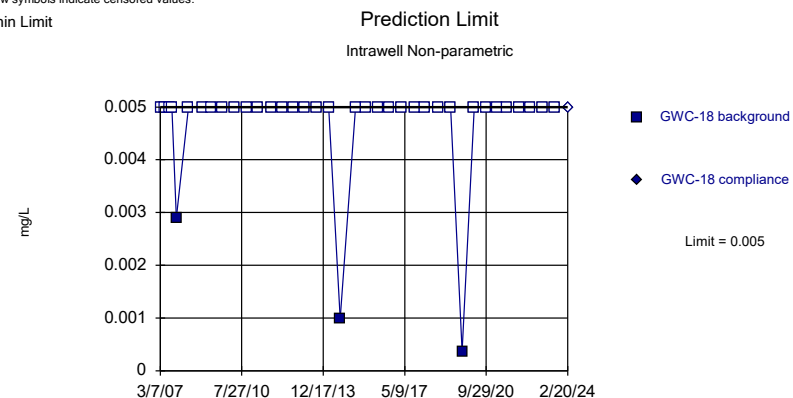
Within Limit



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: Copper Analysis Run 4/28/2024 4:57 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

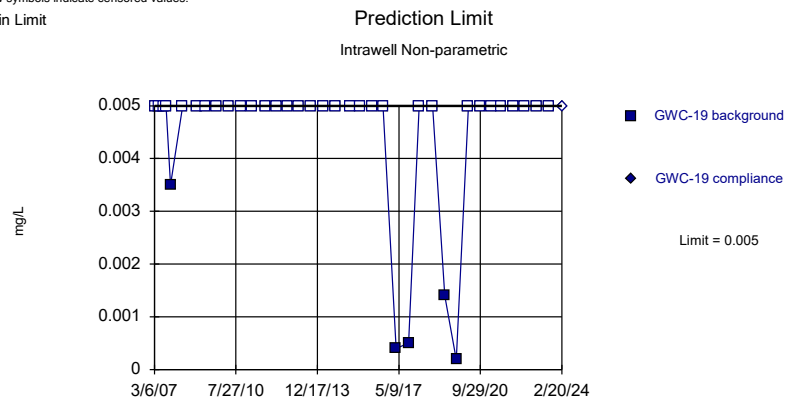
Within Limit



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: Copper Analysis Run 4/28/2024 4:57 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

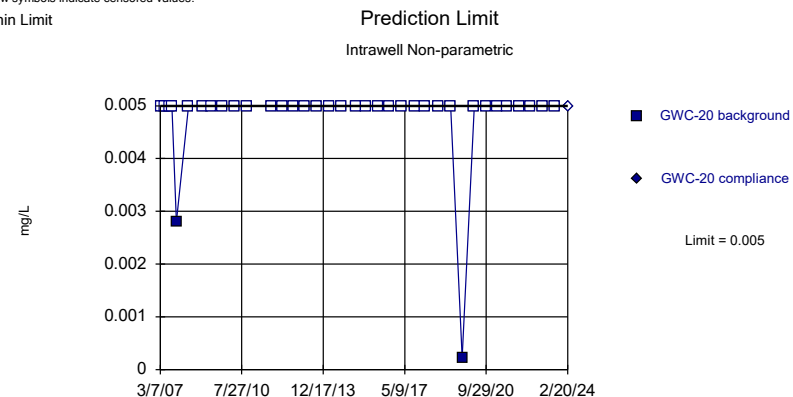
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 86.49% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Copper Analysis Run 4/28/2024 4:57 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

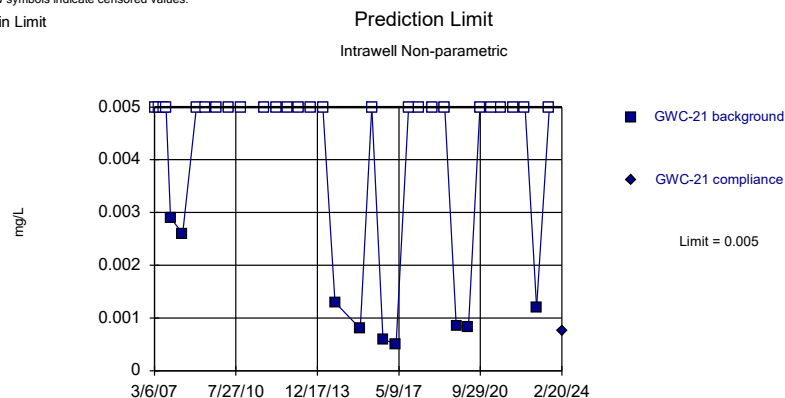
Within Limit



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: Copper Analysis Run 4/28/2024 4:57 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

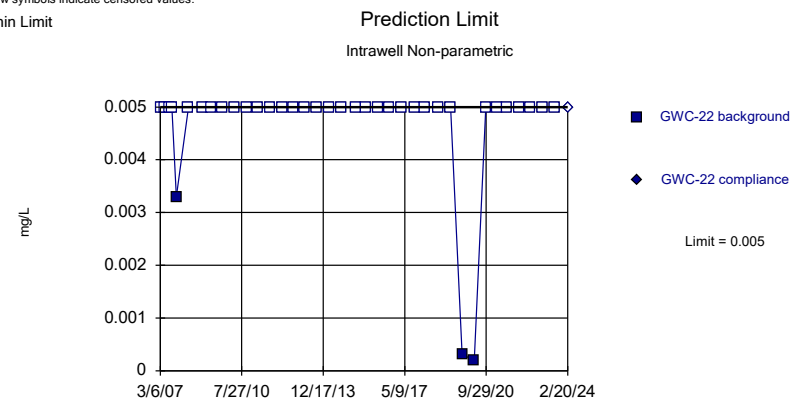
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 35 background values. 74.29% NDs. Well-constituent pair annual alpha = 0.002991. Individual comparison alpha = 0.001497 (1 of 2).

Constituent: Copper Analysis Run 4/28/2024 4:57 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

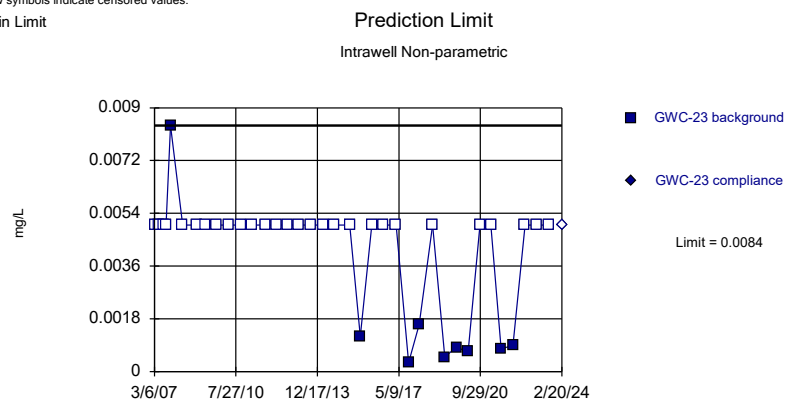
Within Limit



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: Copper Analysis Run 4/28/2024 4:58 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

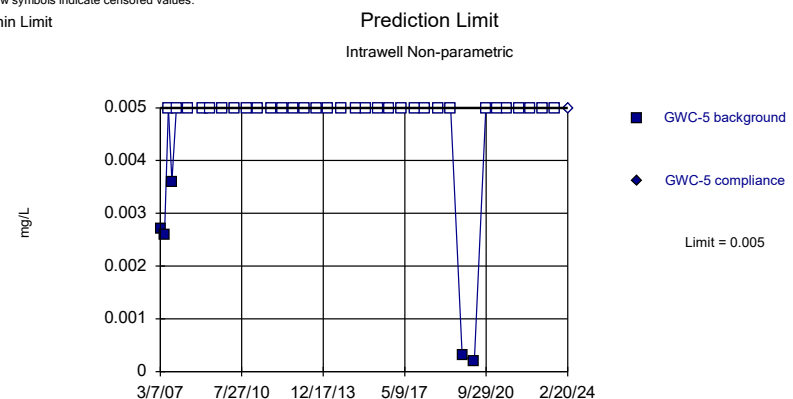
Within Limit



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: Copper Analysis Run 4/28/2024 4:58 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

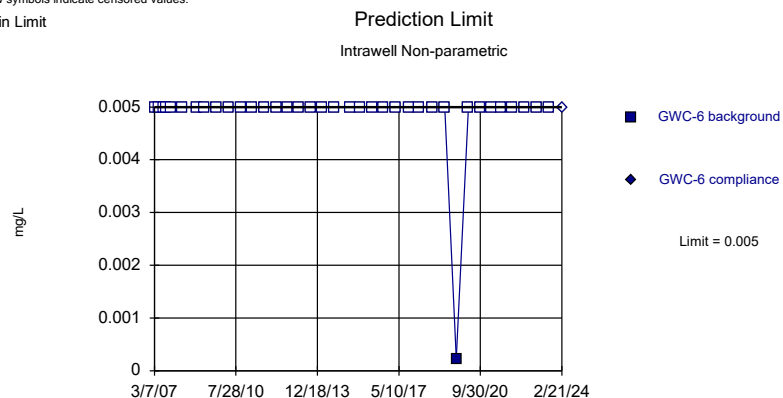
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 86.49% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Copper Analysis Run 4/28/2024 4:58 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

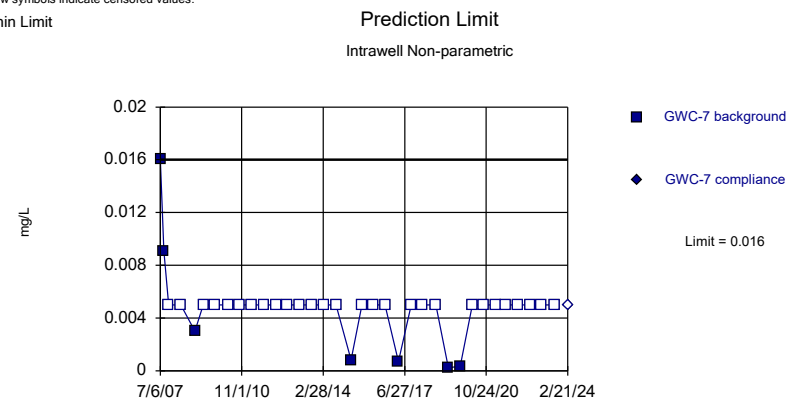
Within Limit



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: Copper Analysis Run 4/28/2024 4:58 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

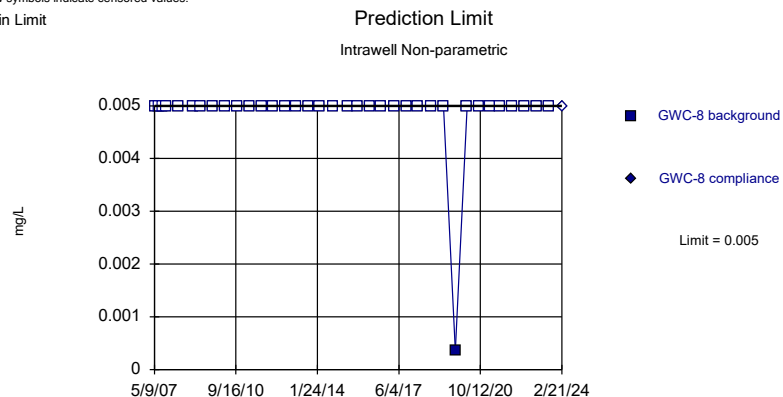
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 35 background values. 80% NDs. Well-constituent pair annual alpha = 0.002991. Individual comparison alpha = 0.001497 (1 of 2).

Constituent: Copper Analysis Run 4/28/2024 4:58 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

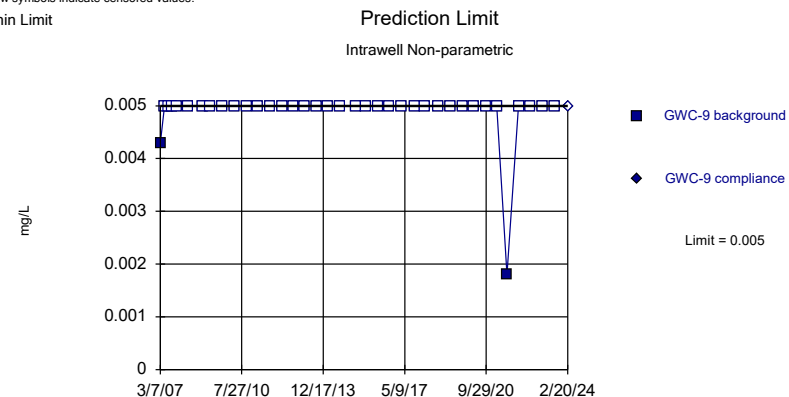
Within Limit



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: Copper Analysis Run 4/28/2024 4:58 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

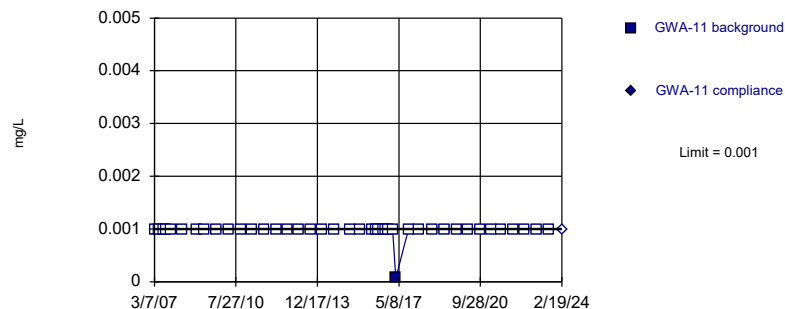


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 94.59% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Copper Analysis Run 4/28/2024 4:58 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

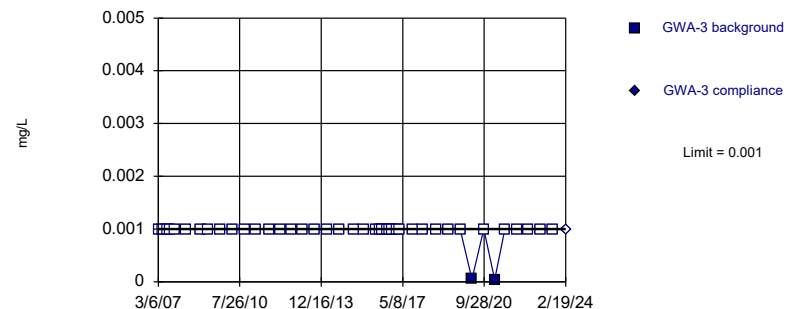


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Lead Analysis Run 4/28/2024 4:58 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

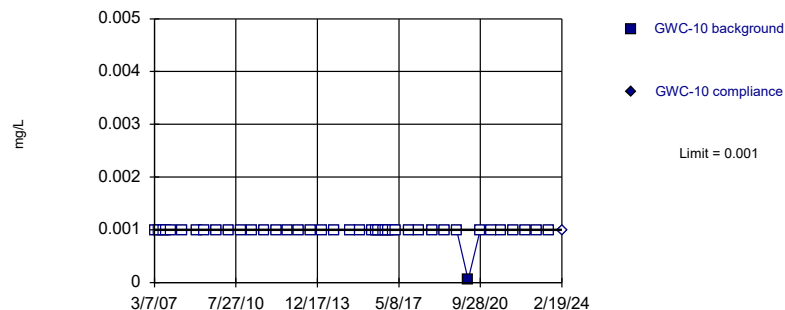


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Lead Analysis Run 4/28/2024 4:58 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

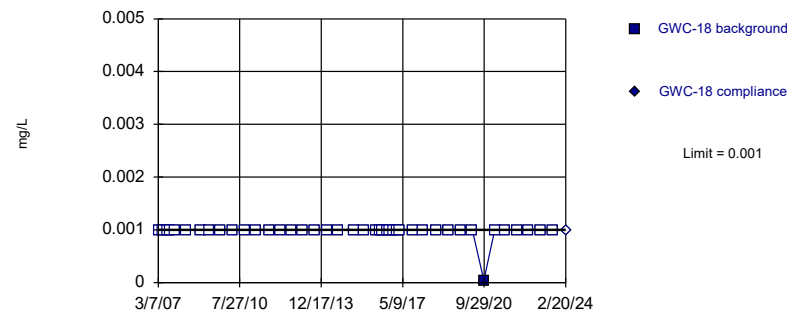


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Lead Analysis Run 4/28/2024 4:58 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

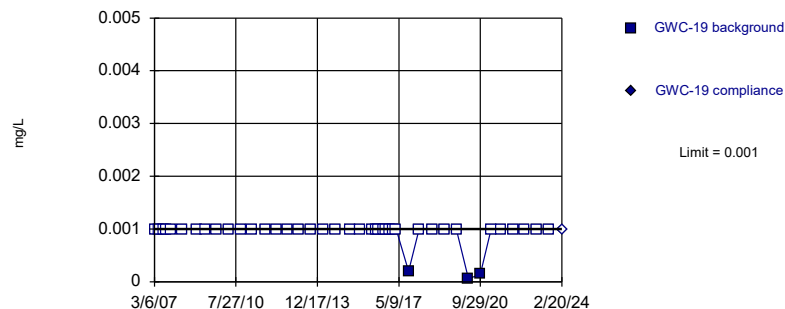


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Lead Analysis Run 4/28/2024 4:58 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

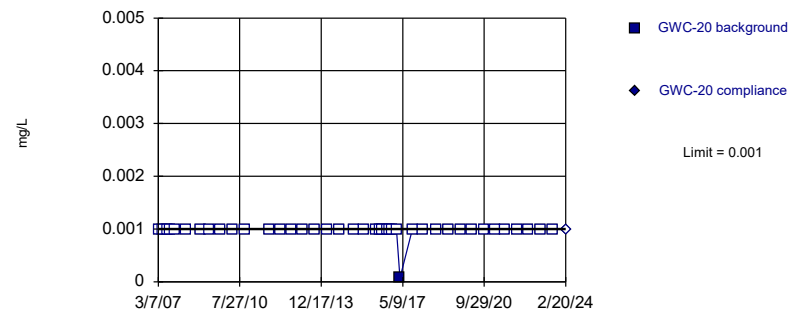


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Lead Analysis Run 4/28/2024 4:58 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

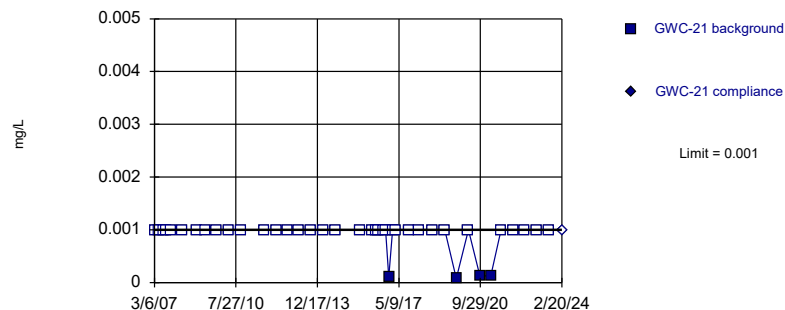


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 97.56% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Lead Analysis Run 4/28/2024 4:58 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

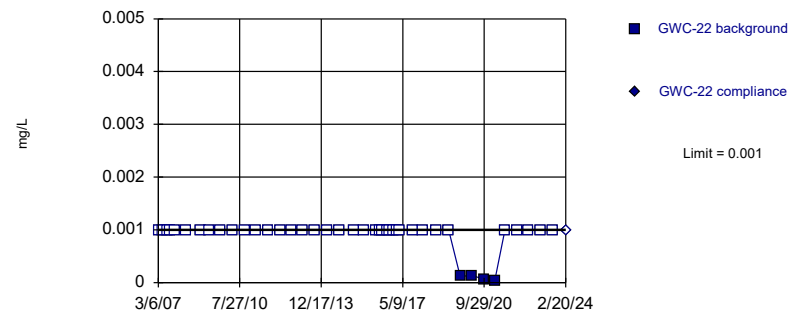


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 40 background values. 90% NDs. Well-constituent pair annual alpha = 0.002316. Individual comparison alpha = 0.001159 (1 of 2).

Constituent: Lead Analysis Run 4/28/2024 4:58 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

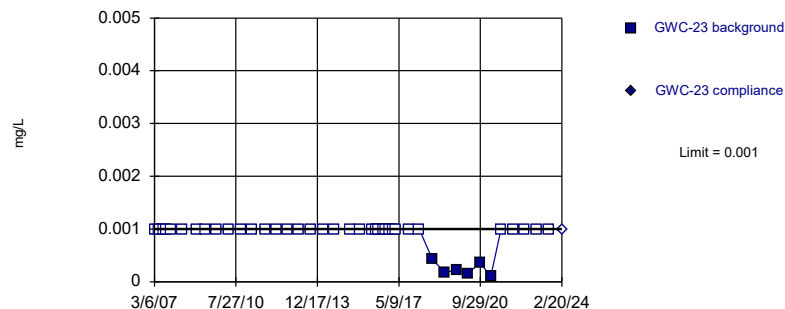


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Lead Analysis Run 4/28/2024 4:58 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

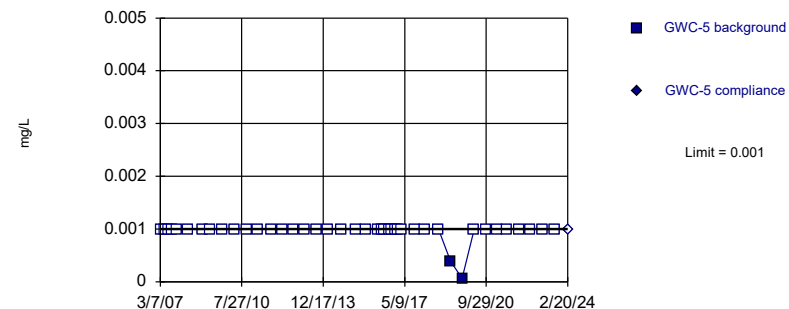


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Lead Analysis Run 4/28/2024 4:58 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

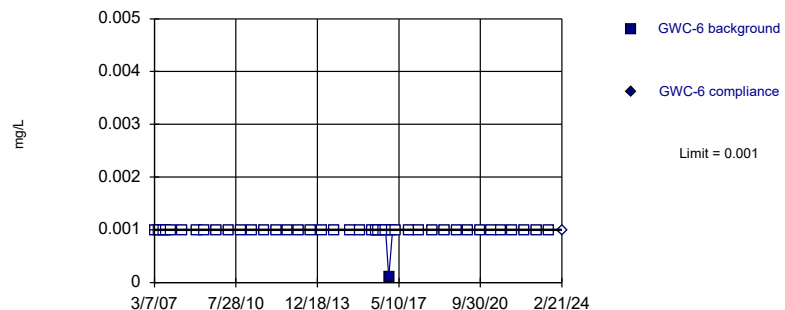


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Lead Analysis Run 4/28/2024 4:58 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

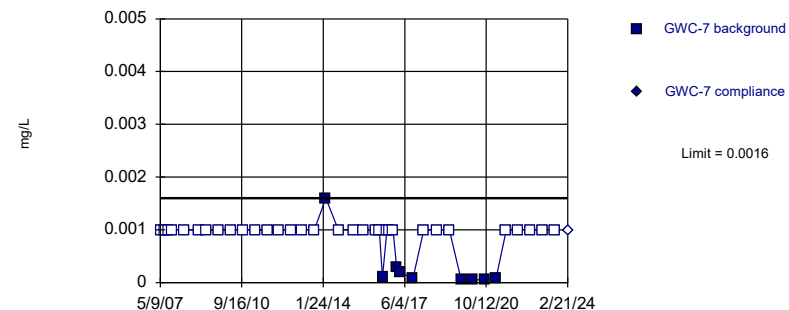


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Lead Analysis Run 4/28/2024 4:58 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

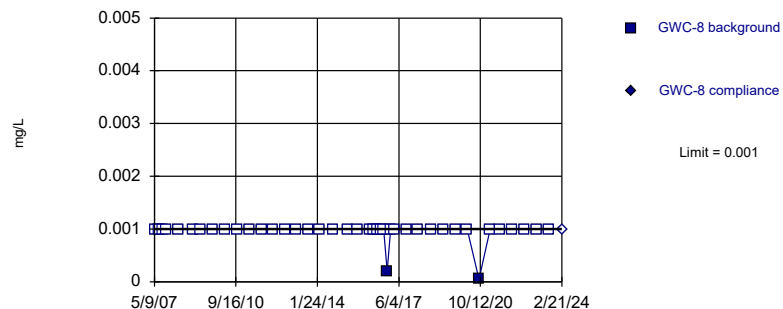


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 78.05% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Lead Analysis Run 4/28/2024 4:58 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

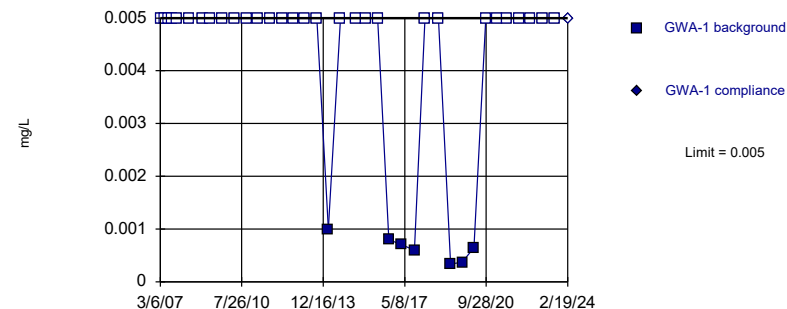


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 95.12% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Lead Analysis Run 4/28/2024 4:58 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

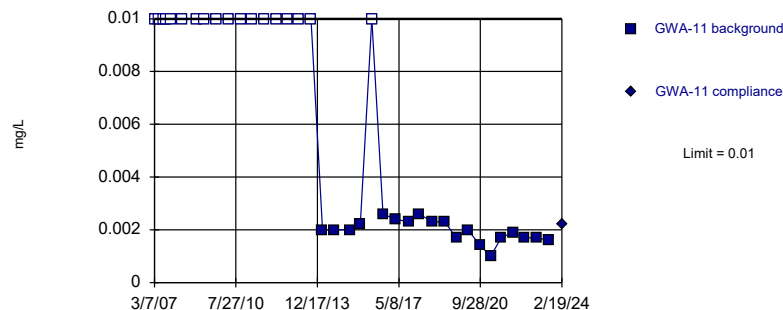


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 81.08% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Nickel Analysis Run 4/28/2024 4:58 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

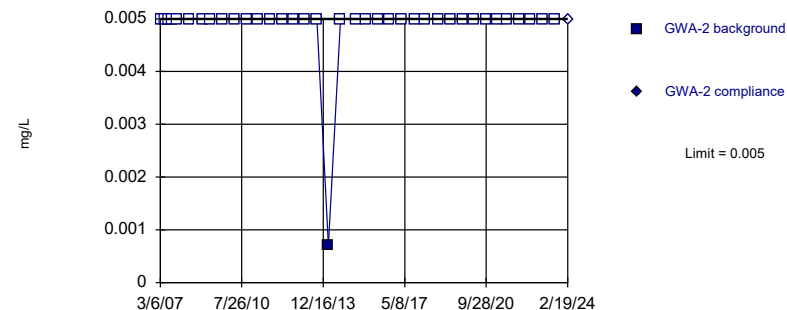


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 37 background values. 48.65% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Nickel Analysis Run 4/28/2024 4:58 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

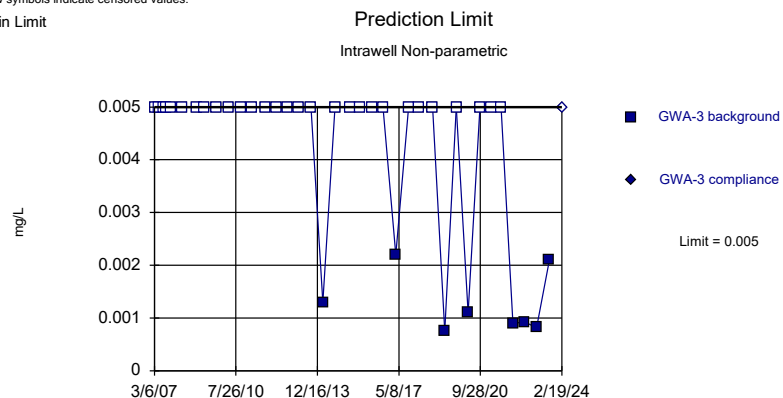
Prediction Limit Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Nickel Analysis Run 4/28/2024 4:58 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

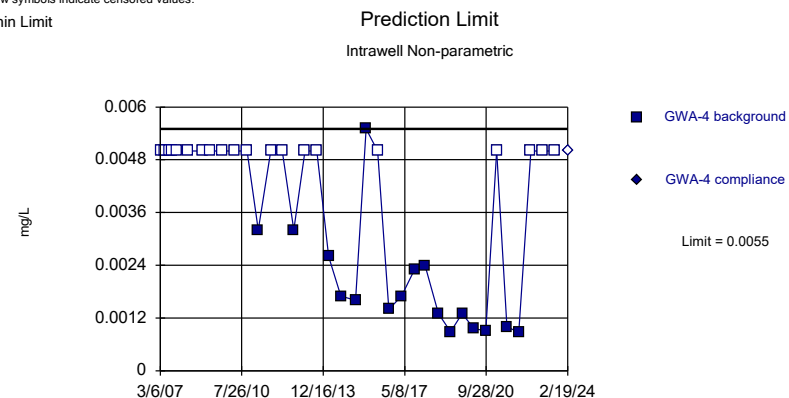
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 78.38% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Nickel Analysis Run 4/28/2024 4:58 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

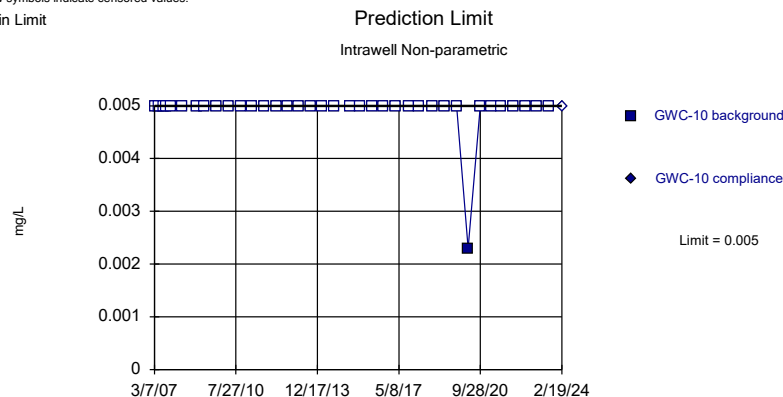
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 54.05% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Nickel Analysis Run 4/28/2024 4:58 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

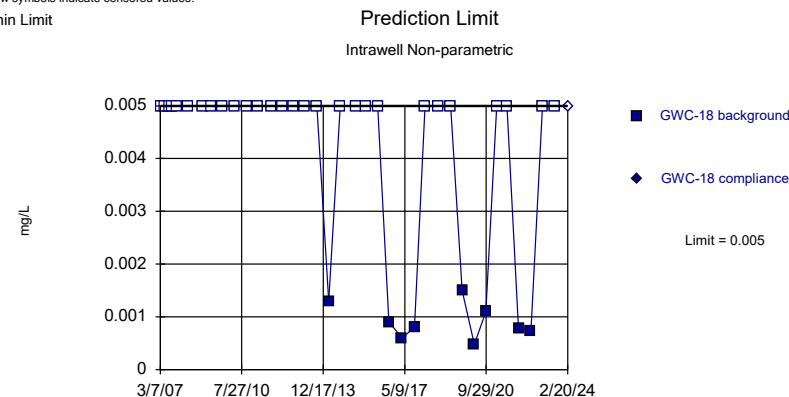
Within Limit



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: Nickel Analysis Run 4/28/2024 4:58 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

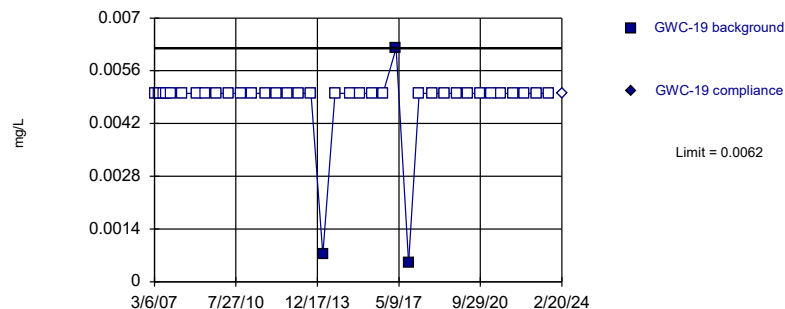


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 75.68% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Nickel Analysis Run 4/28/2024 4:58 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

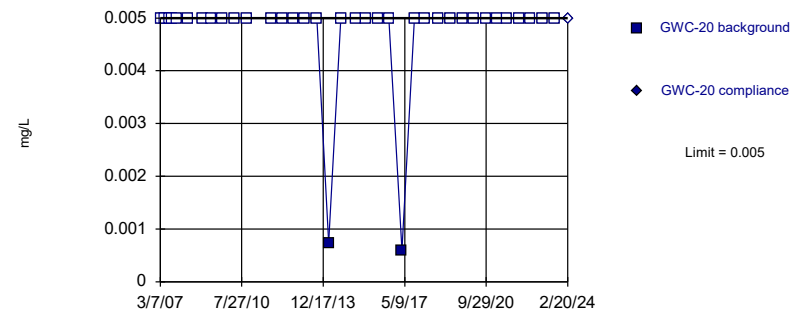


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Nickel Analysis Run 4/28/2024 4:58 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

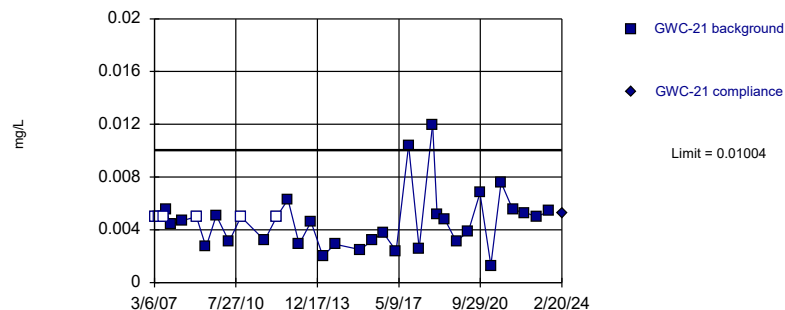


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 94.44% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Nickel Analysis Run 4/28/2024 4:58 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Parametric

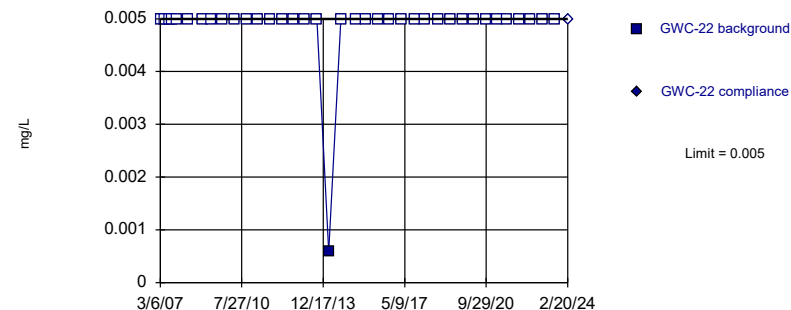


Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.06294, Std. Dev.=0.01589, n=36, 16.67% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9374, critical = 0.912. Kappa = 2.344 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

Constituent: Nickel Analysis Run 4/28/2024 4:58 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

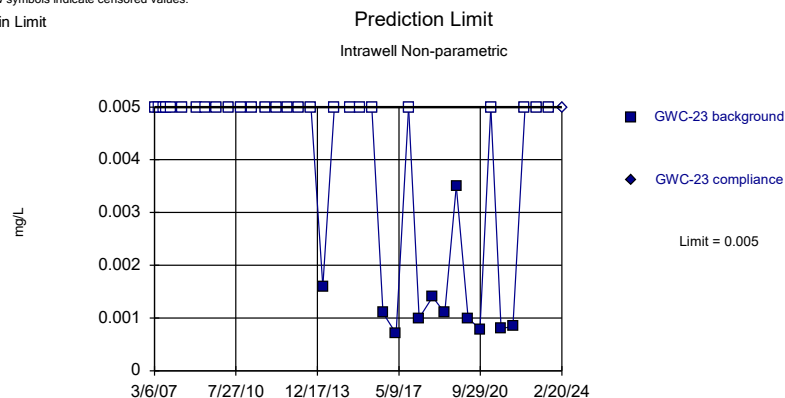
Prediction Limit Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Nickel Analysis Run 4/28/2024 4:58 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

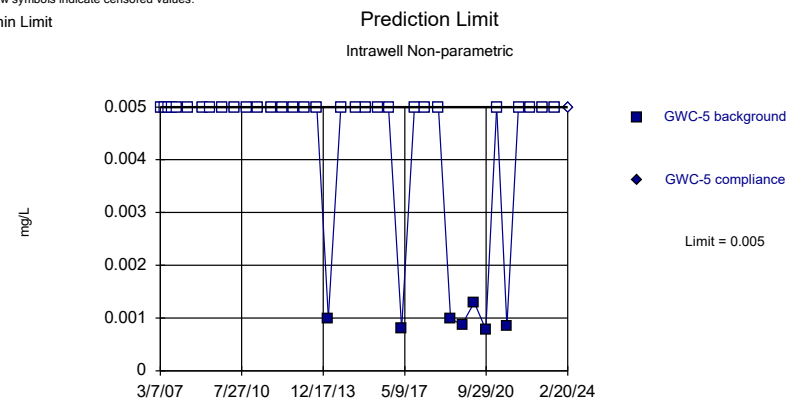
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 70.27% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Nickel Analysis Run 4/28/2024 4:58 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

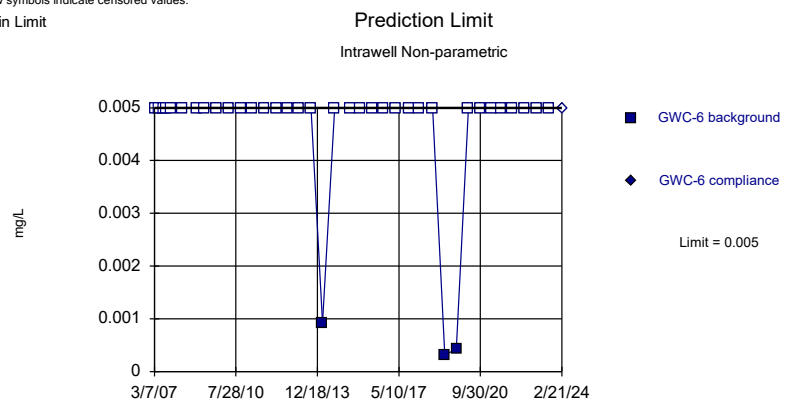
Within Limit



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: Nickel Analysis Run 4/28/2024 4:58 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

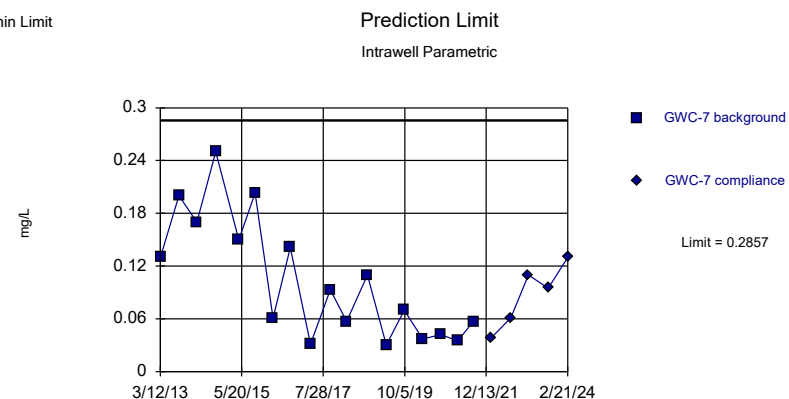
Within Limit



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: Nickel Analysis Run 4/28/2024 4:58 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

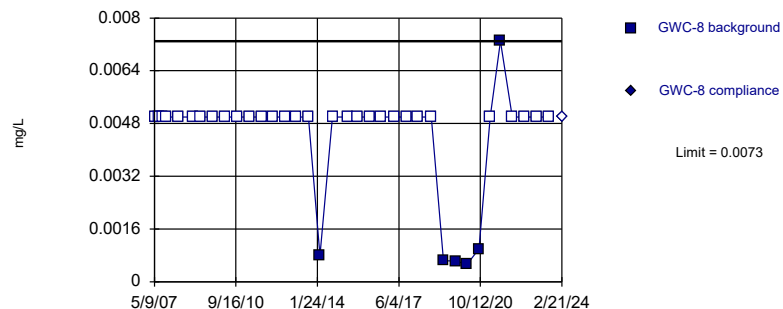


Background Data Summary: Mean=0.1037, Std. Dev.=0.06873, n=18. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.898, critical = 0.897. Kappa = 2.648 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

Constituent: Nickel Analysis Run 4/28/2024 4:58 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

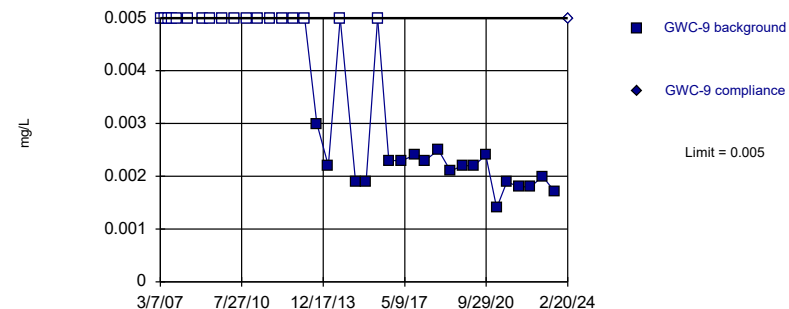


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 83.33% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Nickel Analysis Run 4/28/2024 4:58 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

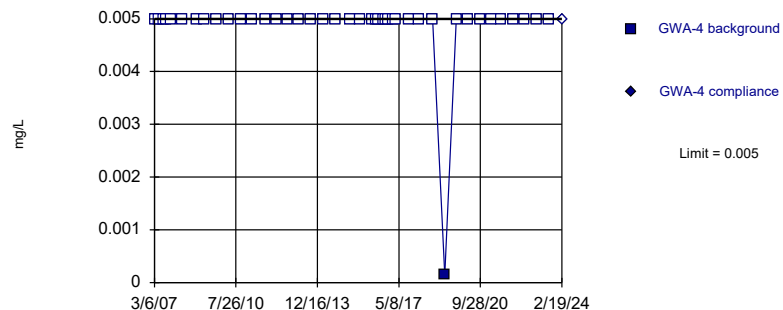


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 37 background values. 48.65% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Nickel Analysis Run 4/28/2024 4:58 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

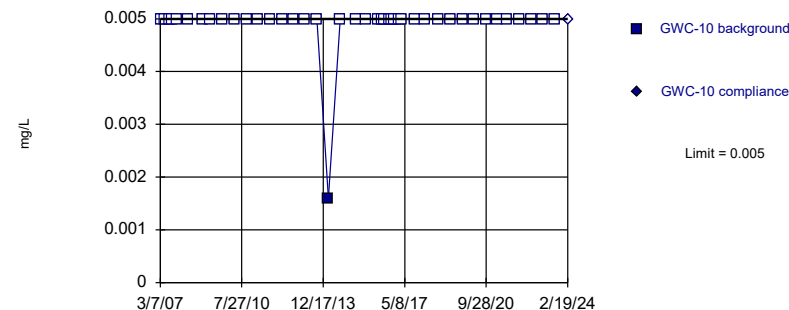


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Nickel Analysis Run 4/28/2024 4:58 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

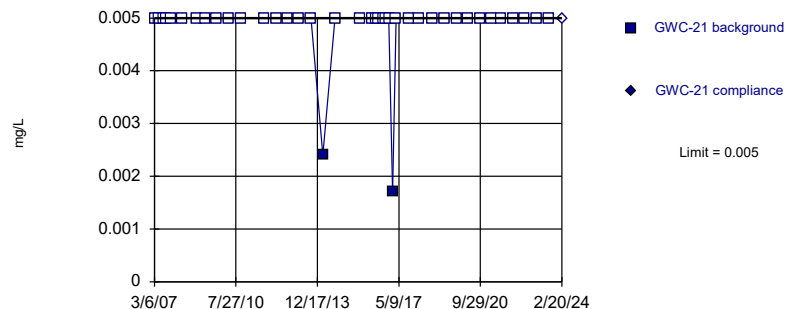


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Nickel Analysis Run 4/28/2024 4:58 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

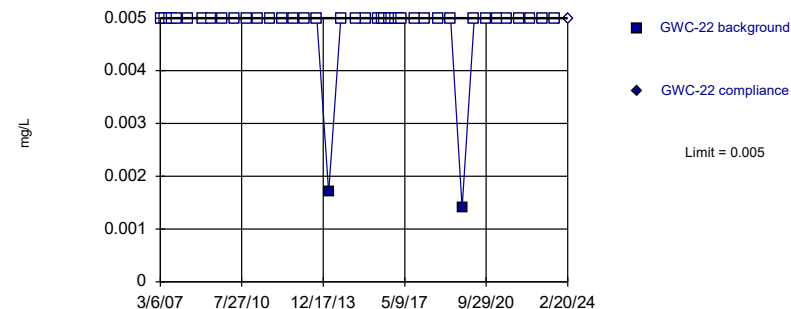


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 40 background values. 95% NDs. Well-constituent pair annual alpha = 0.002316. Individual comparison alpha = 0.001159 (1 of 2).

Constituent: Selenium Analysis Run 4/28/2024 4:58 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

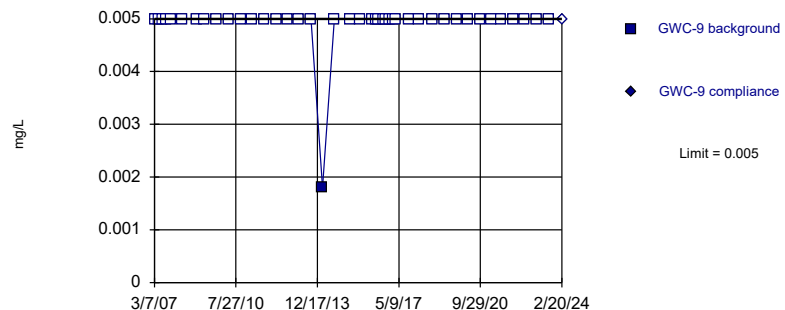


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Selenium Analysis Run 4/28/2024 4:58 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

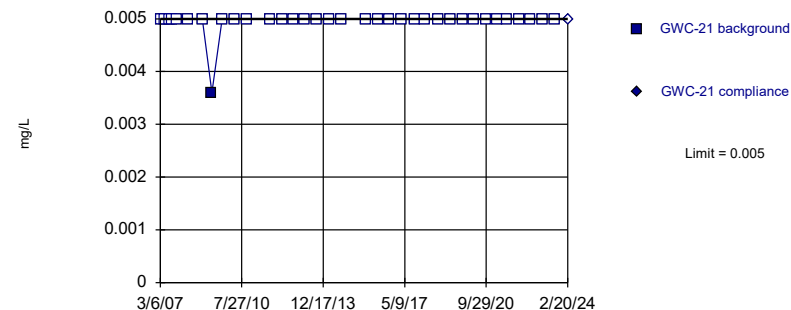


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Selenium Analysis Run 4/28/2024 4:58 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

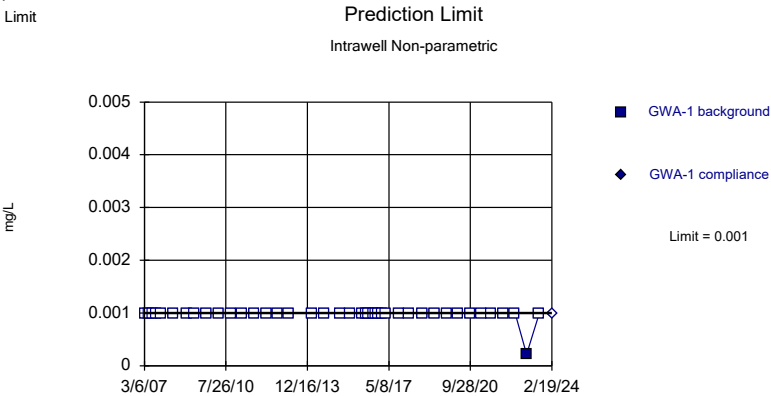
Prediction Limit Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 35 background values. 97.14% NDs. Well-constituent pair annual alpha = 0.002991. Individual comparison alpha = 0.001497 (1 of 2).

Constituent: Silver Analysis Run 4/28/2024 4:58 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

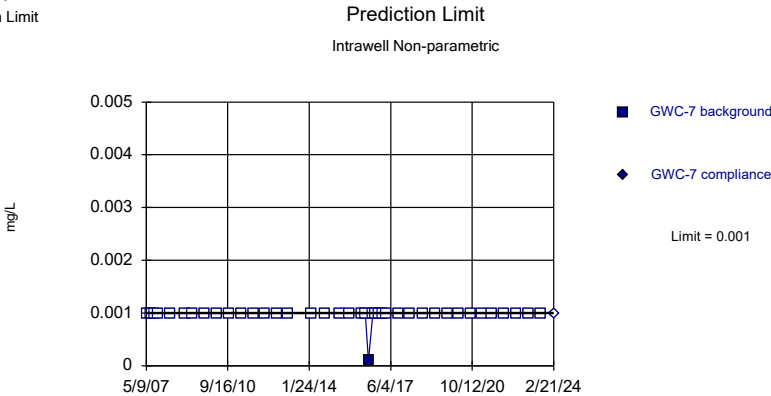
Sanitas™ v.10.0.16e Software licensed to . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 97.56% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Thallium Analysis Run 4/28/2024 4:58 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

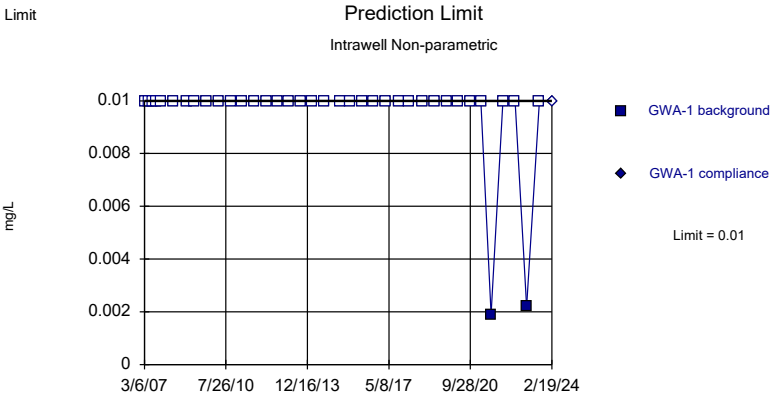
Sanitas™ v.10.0.16e Software licensed to . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 40 background values. 97.5% NDs. Well-constituent pair annual alpha = 0.002316. Individual comparison alpha = 0.001159 (1 of 2).

Constituent: Thallium Analysis Run 4/28/2024 4:58 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

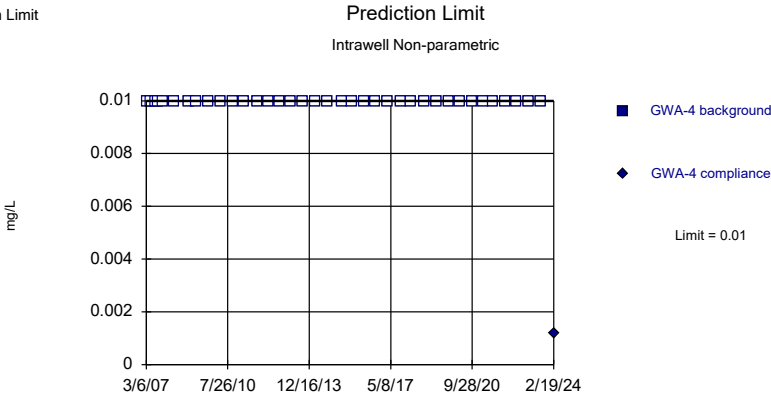
Sanitas™ v.10.0.16e Software licensed to . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 94.59% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Vanadium Analysis Run 4/28/2024 4:58 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

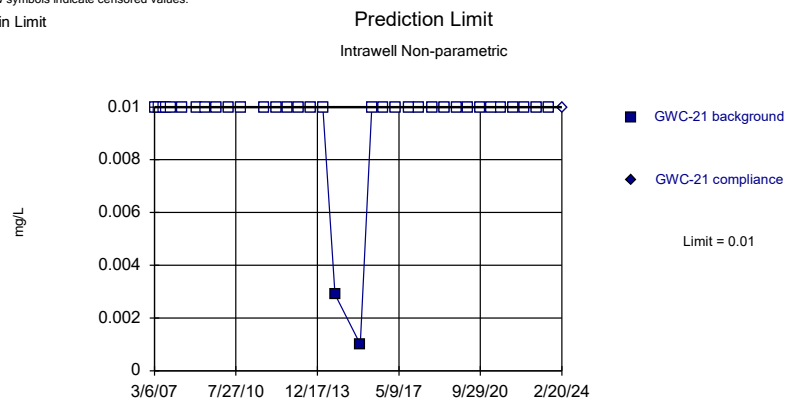
Sanitas™ v.10.0.16e Software licensed to . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 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: Vanadium Analysis Run 4/28/2024 4:58 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

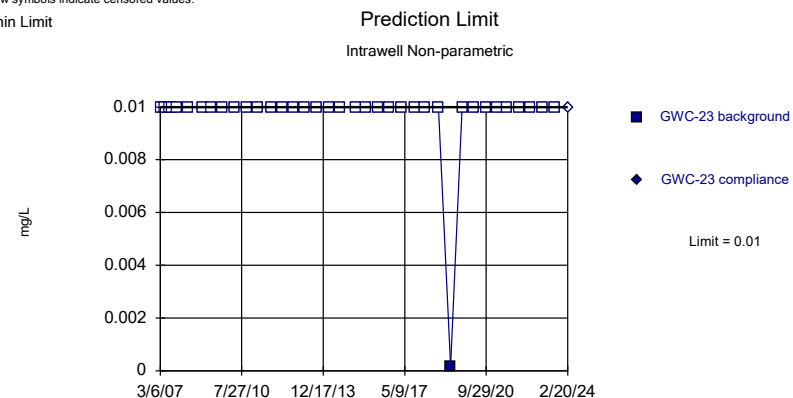
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 35 background values. 94.29% NDs. Well-constituent pair annual alpha = 0.002991. Individual comparison alpha = 0.001497 (1 of 2).

Constituent: Vanadium Analysis Run 4/28/2024 4:58 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

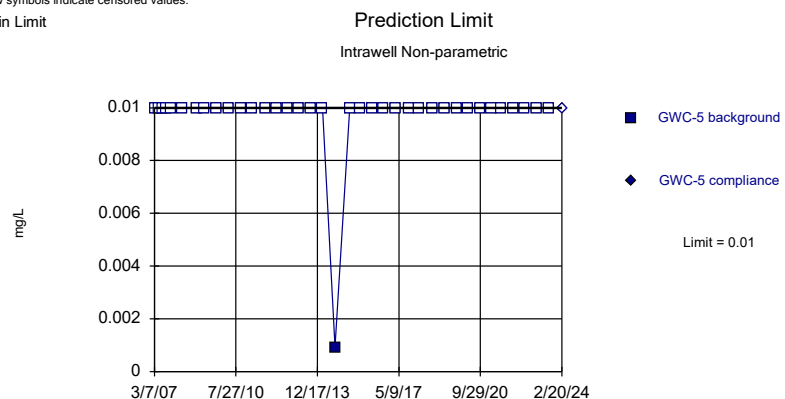
Within Limit



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: Vanadium Analysis Run 4/28/2024 4:58 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

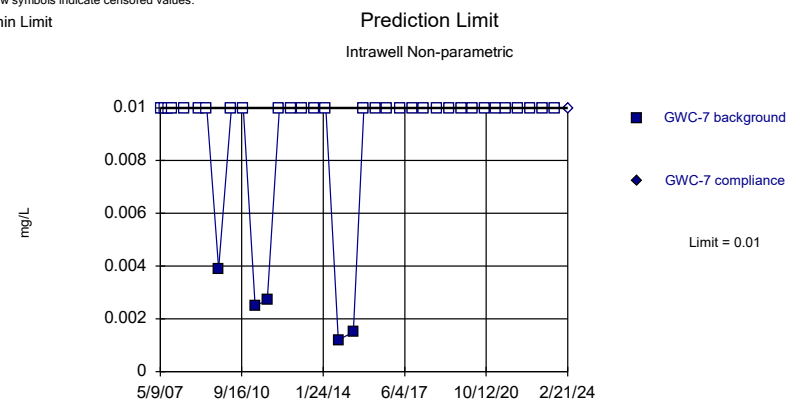
Within Limit



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: Vanadium Analysis Run 4/28/2024 4:58 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

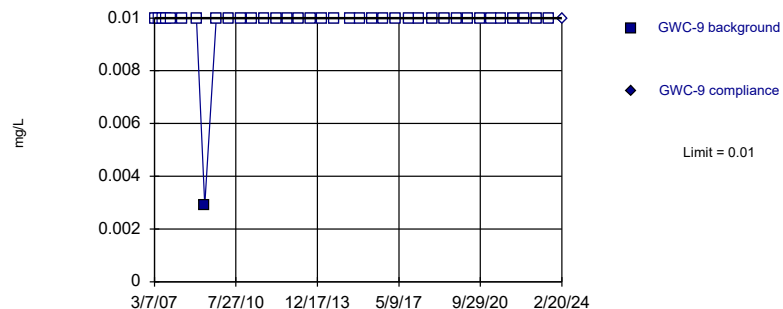


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 86.11% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Vanadium Analysis Run 4/28/2024 4:58 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

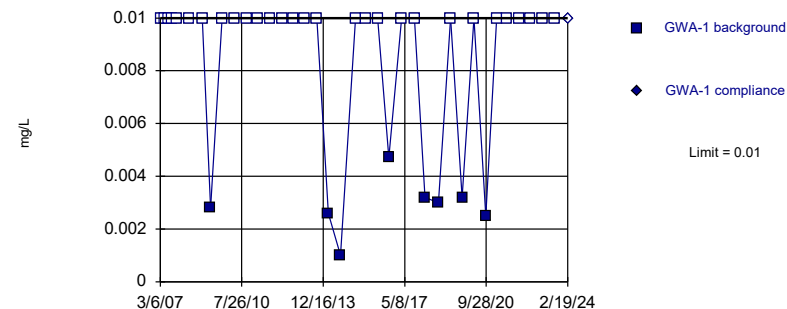


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Vanadium Analysis Run 4/28/2024 4:58 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

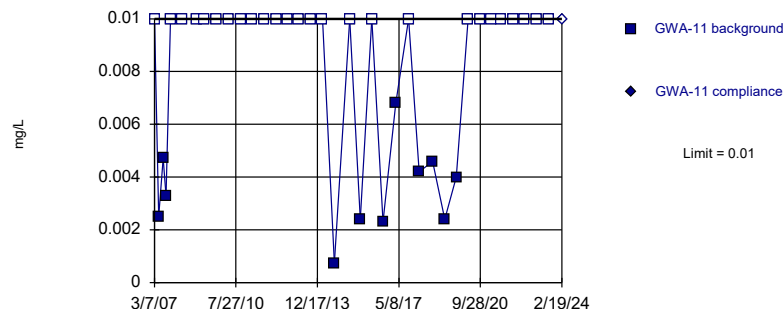


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 78.38% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Zinc Analysis Run 4/28/2024 4:58 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

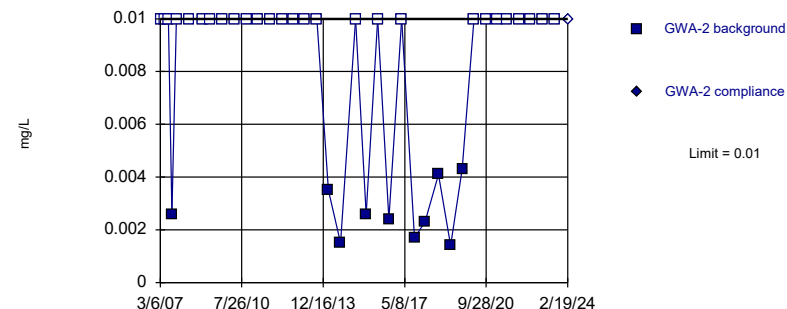


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 70.27% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Zinc Analysis Run 4/28/2024 4:58 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

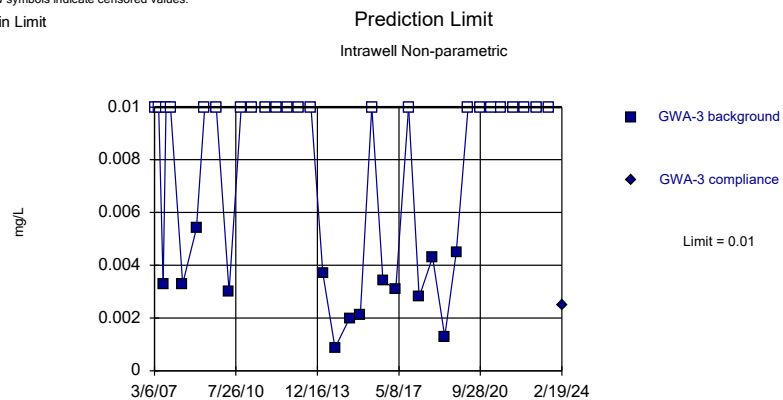
Prediction Limit Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 72.97% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

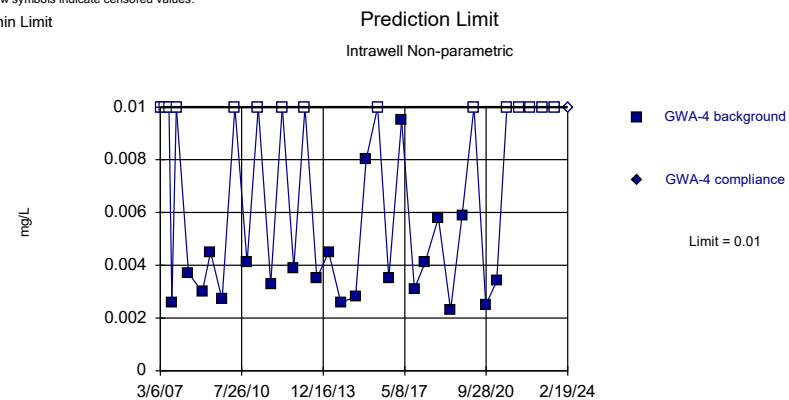
Constituent: Zinc Analysis Run 4/28/2024 4:58 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 62.16% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Within Limit

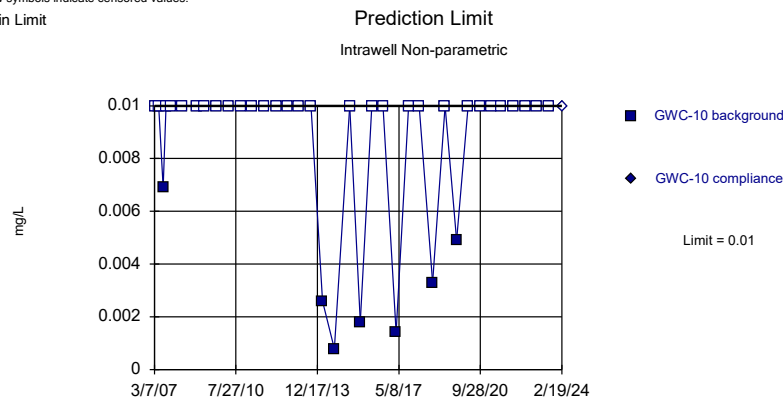


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 37 background values. 40.54% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Zinc Analysis Run 4/28/2024 4:58 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

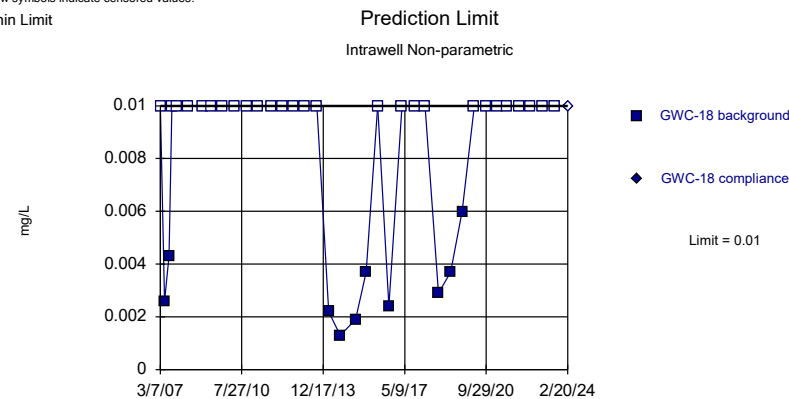
Constituent: Zinc Analysis Run 4/28/2024 4:58 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

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).

Within Limit



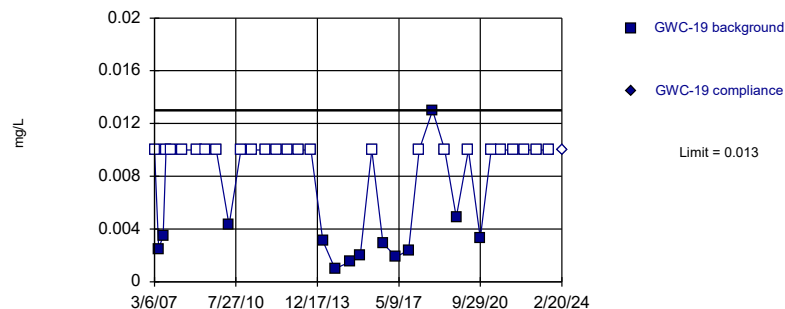
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 72.97% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Zinc Analysis Run 4/28/2024 4:58 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Constituent: Zinc Analysis Run 4/28/2024 4:58 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

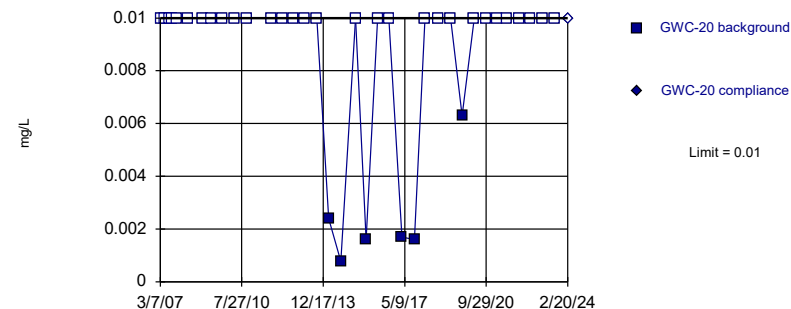


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 64.86% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Zinc Analysis Run 4/28/2024 4:59 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

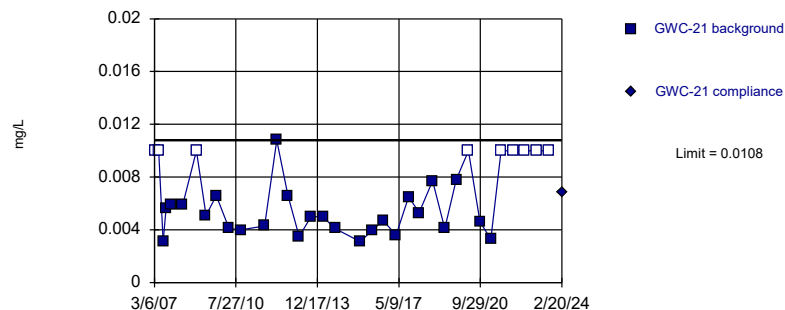


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 83.33% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Zinc Analysis Run 4/28/2024 4:59 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

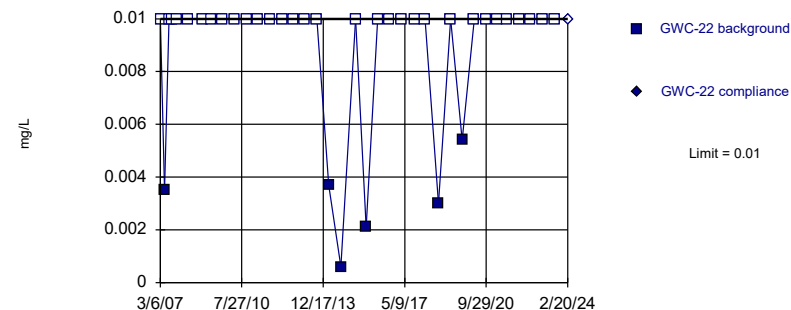


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 35 background values. 25.71% NDs. Well-constituent pair annual alpha = 0.002991. Individual comparison alpha = 0.001497 (1 of 2).

Constituent: Zinc Analysis Run 4/28/2024 4:59 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

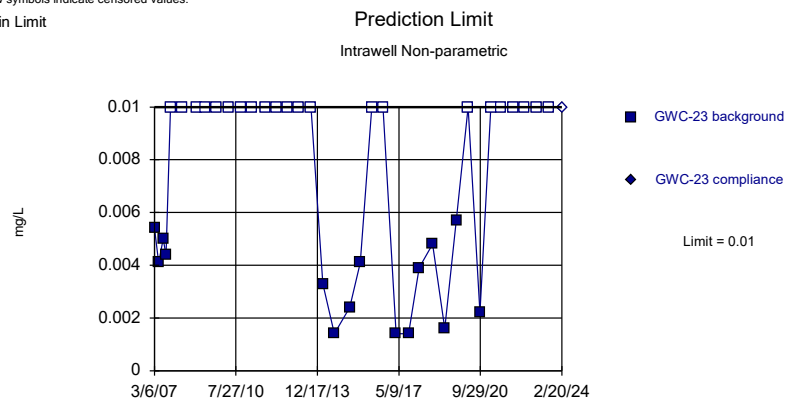
Prediction Limit Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 83.78% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Zinc Analysis Run 4/28/2024 4:59 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

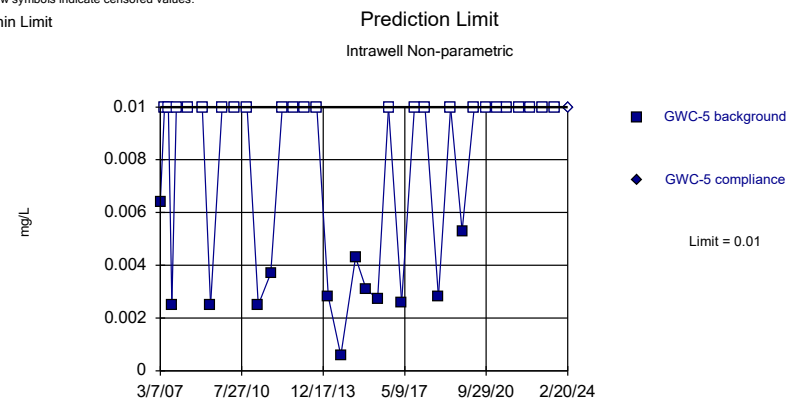
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 59.46% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Zinc Analysis Run 4/28/2024 4:59 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

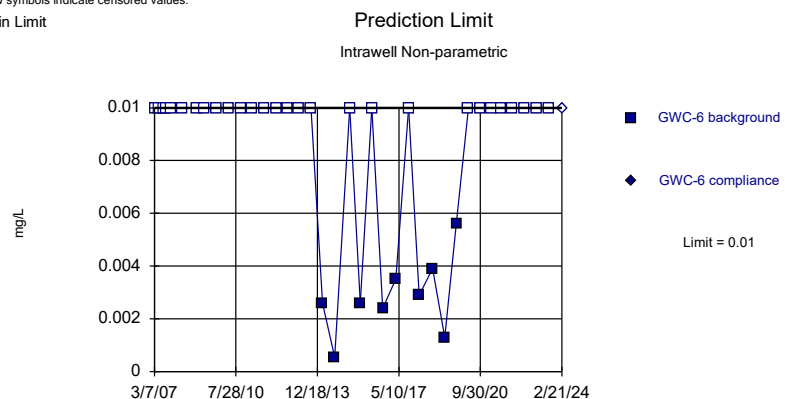
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 64.86% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Zinc Analysis Run 4/28/2024 4:59 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

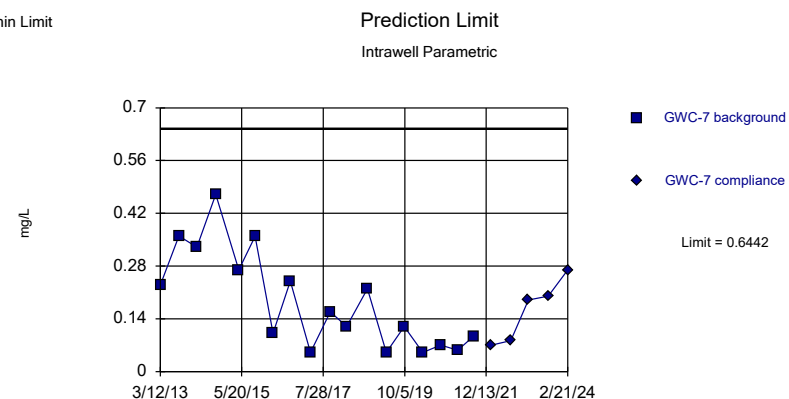
Within Limit



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: Zinc Analysis Run 4/28/2024 4:59 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit



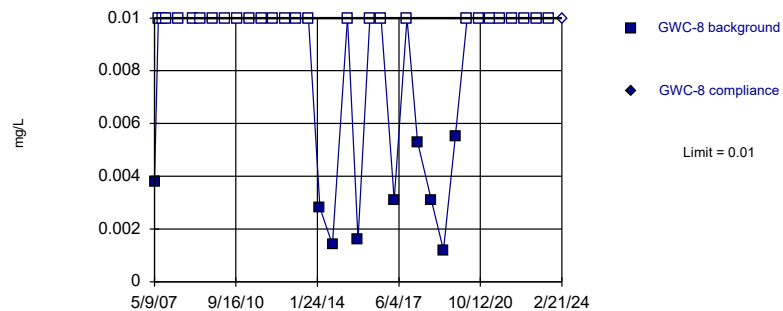
Background Data Summary (based on square root transformation): Mean=0.4064, Std. Dev.=0.1497, n=18.
Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9218, critical = 0.897. Kappa = 2.648 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

Constituent: Zinc Analysis Run 4/28/2024 4:59 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



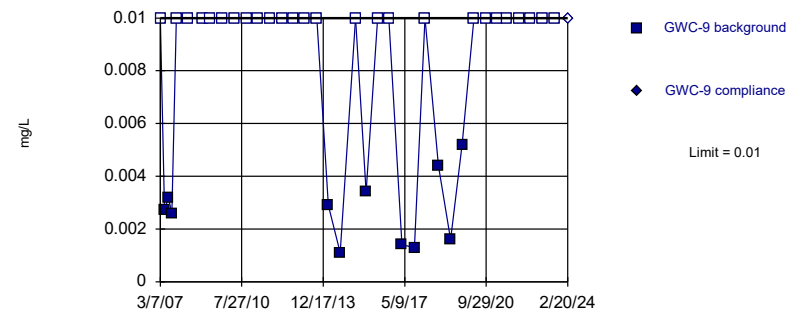
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 75% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Zinc Analysis Run 4/28/2024 4:59 PM View: Appendix I
Plant Hammond 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 37 background values. 70.27% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Zinc Analysis Run 4/28/2024 4:59 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I

Plant Hammond 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	
8/14/2023	0.0028 (J)	
2/19/2024		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/14/2023	<0.003	
2/19/2024		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/14/2023	<0.003	
2/19/2024		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/14/2023	<0.003	
2/19/2024		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/14/2023	<0.003	
2/19/2024		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/14/2023	<0.003	
2/19/2024		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/15/2023	0.0028 (J)	
2/20/2024		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/15/2023	<0.003	
2/20/2024		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond Data: Huffaker Road Landfill

	GWC-22	GWC-22
3/6/2007	<0.003	
5/9/2007	<0.003	
7/17/2007	<0.003	
8/29/2007	<0.003	
11/7/2007	<0.003	
5/7/2008	<0.003	
12/5/2008	<0.003	
4/14/2009	<0.003	
9/30/2009	<0.003	
4/13/2010	<0.003	
10/12/2010	<0.003	
4/6/2011	<0.003	
10/5/2011	<0.003	
4/9/2012	<0.003	
9/25/2012	<0.003	
3/13/2013	<0.003	
9/11/2013	<0.003	
3/11/2014	<0.003	
9/9/2014	<0.003	
4/23/2015	<0.003	
9/30/2015	<0.003	
3/23/2016	<0.003	
5/18/2016	<0.003	
7/7/2016	<0.003	
9/8/2016	<0.003	
10/19/2016	<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	
9/23/2020	<0.003	
3/9/2021	<0.003	
8/10/2021	<0.003	
2/7/2022	<0.003	
8/9/2022	<0.003	
1/31/2023	<0.003	
8/15/2023	<0.003	
2/20/2024		0.0007 (J)

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/15/2023	<0.003	
2/20/2024		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/14/2023	<0.003	
2/21/2024		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/15/2023	<0.003	
2/21/2024		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/15/2023	<0.003	
2/21/2024		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/15/2023	<0.003	
2/20/2024		<0.003

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I

Plant Hammond 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	
8/14/2023	<0.005	
2/19/2024		<0.005

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I

Plant Hammond 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	
8/14/2023	<0.005	
2/19/2024		0.00093 (J)

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I

Plant Hammond 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	
8/14/2023	<0.005	
2/19/2024		0.0018 (J)

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I

Plant Hammond 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	
8/15/2023	<0.005	
2/20/2024		<0.005

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I

Plant Hammond 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	
8/15/2023	<0.005	
2/20/2024		<0.005

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I

Plant Hammond 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	
8/14/2023	<0.005	
2/20/2024		<0.005

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I

Plant Hammond 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	
8/15/2023	<0.005	
2/20/2024		<0.005

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I

Plant Hammond 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)	
8/15/2023	0.0077 (J)	
2/21/2024		0.0043 (J)

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I

Plant Hammond 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	
8/15/2023	<0.005	
2/21/2024		<0.005

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I

Plant Hammond 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	
8/15/2023	<0.005	
2/20/2024		<0.005

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I

Plant Hammond 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	
8/14/2023	0.039	
2/19/2024		0.04

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I

Plant Hammond 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	
8/14/2023	0.028	
2/19/2024		0.031

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I

Plant Hammond 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
8/14/2023		0.19
2/19/2024		0.19

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I

Plant Hammond 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	
8/14/2023	0.087	
2/19/2024		0.083

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I

Plant Hammond 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	
8/14/2023	0.045	
2/19/2024		0.051

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I

Plant Hammond 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	
8/14/2023	0.12	
2/19/2024		0.14

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I

Plant Hammond 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	
8/15/2023	0.077	
2/20/2024		0.083

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I

Plant Hammond 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
8/15/2023		0.15
2/20/2024		0.15

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I

Plant Hammond 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	
8/15/2023	0.16	
2/20/2024		0.15

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I

Plant Hammond 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	
8/15/2023	0.058	
2/20/2024		0.052

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I

Plant Hammond 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
8/15/2023		0.092
2/20/2024		0.091

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I

Plant Hammond 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	
8/14/2023	0.071	
2/20/2024		0.096

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I

Plant Hammond 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	
8/15/2023	0.072	
2/20/2024		0.07

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I

Plant Hammond 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
8/14/2023		0.15
2/21/2024		0.15

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I

Plant Hammond 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
8/15/2023		0.041
2/21/2024		0.035

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I

Plant Hammond 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	
8/15/2023	0.12	
2/21/2024		0.11

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I

Plant Hammond 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
8/15/2023		0.064
2/20/2024		0.073

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/14/2023	<0.0005	
2/19/2024		<0.0005

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/15/2023	<0.0005	
2/20/2024		<0.0005

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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)	
8/15/2023	0.00027 (J)	
2/21/2024		0.00036 (J)

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/14/2023	<0.0005	
2/19/2024		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/14/2023	<0.0005	
2/19/2024		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/15/2023	<0.0005	
2/20/2024		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/15/2023	<0.0005	
2/20/2024		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/15/2023	<0.0005	
2/20/2024		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/14/2023	<0.0005	
2/20/2024		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/15/2023	<0.0005	
2/20/2024		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/15/2023	<0.0005	
2/21/2024		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/15/2023	<0.0005	
2/21/2024		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/15/2023	<0.0005	
2/20/2024		<0.0005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I

Plant Hammond 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	
8/14/2023	<0.005	
2/19/2024		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/14/2023	<0.005	
2/19/2024		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I

Plant Hammond 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	
8/14/2023	<0.005	
2/19/2024		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/14/2023	<0.005	
2/19/2024		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/14/2023	<0.005	
2/19/2024		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/14/2023	0.0015 (J)	
2/19/2024		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/15/2023	<0.005	
2/20/2024		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/15/2023	<0.005	
2/20/2024		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I

Plant Hammond 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	
8/15/2023	<0.005	
2/20/2024		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/15/2023	<0.005	
2/20/2024		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I

Plant Hammond 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	
8/15/2023	<0.005	
2/20/2024		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I

Plant Hammond 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	
8/14/2023	<0.005	
2/20/2024		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/15/2023	<0.005	
2/20/2024		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/14/2023	<0.005	
2/21/2024		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I

Plant Hammond 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	
8/15/2023	<0.005	
2/21/2024		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/15/2023	<0.005	
2/21/2024		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/15/2023	<0.005	
2/20/2024		<0.005

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I

Plant Hammond 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)	
8/14/2023	0.00043 (J)	
2/19/2024		0.0005 (J)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I

Plant Hammond 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)	
8/14/2023	0.00045 (J)	
2/19/2024		0.00063 (J)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I

Plant Hammond 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	
8/14/2023	<0.005	
2/19/2024		<0.005

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I

Plant Hammond 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	
8/14/2023	0.00095 (J)	
2/19/2024		0.00049 (J)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I

Plant Hammond 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	
8/14/2023	<0.005	
2/19/2024		<0.005

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I

Plant Hammond 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	
8/14/2023	<0.005	
2/19/2024		<0.005

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I

Plant Hammond 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)	
8/15/2023	0.0032 (J)	
2/20/2024		0.0029 (J)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I

Plant Hammond 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	
8/14/2023	<0.005	
2/20/2024		<0.005

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I

Plant Hammond 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	
8/15/2023	0.00046 (J)	
2/20/2024		0.00035 (J)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I

Plant Hammond 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	
8/14/2023	<0.005	
2/21/2024		<0.005

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I

Plant Hammond 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
8/15/2023		0.021
2/21/2024		0.03

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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)	
8/15/2023	0.00077 (J)	
2/21/2024		0.00053 (J)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I

Plant Hammond 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	
8/15/2023	<0.005	
2/20/2024		0.00033 (J)

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/14/2023	<0.005	
2/19/2024		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/14/2023	<0.005	
2/19/2024		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/14/2023	<0.005	
2/19/2024		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/14/2023	<0.005	
2/19/2024		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I

Plant Hammond 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	
8/14/2023	<0.005	
2/19/2024		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I

Plant Hammond 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	
8/15/2023	<0.005	
2/20/2024		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/15/2023	<0.005	
2/20/2024		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/15/2023	<0.005	
2/20/2024		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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)	
8/15/2023	<0.005	
2/20/2024		0.00075 (J)

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/15/2023	<0.005	
2/20/2024		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I

Plant Hammond 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	
8/14/2023	<0.005	
2/20/2024		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/15/2023	<0.005	
2/20/2024		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/14/2023	<0.005	
2/21/2024		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/15/2023	<0.005	
2/21/2024		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/15/2023	<0.005	
2/21/2024		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I

Plant Hammond 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	
8/15/2023	<0.005	
2/20/2024		<0.005

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/14/2023	<0.001	
2/19/2024		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/14/2023	<0.001	
2/19/2024		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/14/2023	<0.001	
2/19/2024		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/15/2023	<0.001	
2/20/2024		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/15/2023	<0.001	
2/20/2024		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/15/2023	<0.001	
2/20/2024		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/15/2023	<0.001	
2/20/2024		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/15/2023	<0.001	
2/20/2024		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/14/2023	<0.001	
2/20/2024		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/15/2023	<0.001	
2/20/2024		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/14/2023	<0.001	
2/21/2024		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/15/2023	<0.001	
2/21/2024		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/15/2023	<0.001	
2/21/2024		<0.001

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/14/2023	<0.005	
2/19/2024		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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)	
8/14/2023	0.0016 (J)	
2/19/2024		0.0022 (J)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/14/2023	<0.005	
2/19/2024		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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)	
8/14/2023	0.0021 (J)	
2/19/2024		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I

Plant Hammond 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	
8/14/2023	<0.005	
2/19/2024		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/14/2023	<0.005	
2/19/2024		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/15/2023	<0.005	
2/20/2024		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/15/2023	<0.005	
2/20/2024		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/15/2023	<0.005	
2/20/2024		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I

Plant Hammond 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)	
8/15/2023	0.0054	
2/20/2024		0.0053

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/15/2023	<0.005	
2/20/2024		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I

Plant Hammond 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	
8/14/2023	<0.005	
2/20/2024		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/15/2023	<0.005	
2/20/2024		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/14/2023	<0.005	
2/21/2024		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I

Plant Hammond 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
8/15/2023		0.095
2/21/2024		0.13

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/15/2023	<0.005	
2/21/2024		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I

Plant Hammond 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	0.003	
3/5/2014	0.0022 (J)	
9/3/2014	<0.005	
4/21/2015	0.0019 (J)	
9/29/2015	0.0019 (J)	
3/23/2016	<0.005	
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)	
8/15/2023	0.0017 (J)	
2/20/2024		<0.005

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/14/2023	<0.005	
2/19/2024		<0.005

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I

Plant Hammond 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	
8/14/2023	<0.005	
2/19/2024		<0.005

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/15/2023	<0.005	
2/20/2024		<0.005

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/15/2023	<0.005	
2/20/2024		<0.005

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/15/2023	<0.005	
2/20/2024		<0.005

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I

Plant Hammond 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	
8/15/2023	<0.005	
2/20/2024		<0.005

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I

Plant Hammond 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)	
8/14/2023	<0.001	
2/19/2024		<0.001

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I

Plant Hammond 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	
8/15/2023	<0.001	
2/21/2024		<0.001

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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)	
8/14/2023	<0.01	
2/19/2024		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/14/2023	<0.01	
2/19/2024		0.0012 (J)

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/15/2023	<0.01	
2/20/2024		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/14/2023	<0.01	
2/20/2024		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/15/2023	<0.01	
2/20/2024		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/15/2023	<0.01	
2/21/2024		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I
Plant Hammond 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	
8/15/2023	<0.01	
2/20/2024		<0.01

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/28/2024 5:00 PM View: Appendix I

Plant Hammond 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	
8/14/2023	<0.01	
2/19/2024		<0.01

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/28/2024 5:01 PM View: Appendix I

Plant Hammond 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	
8/14/2023	<0.01	
2/19/2024		<0.01

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/28/2024 5:01 PM View: Appendix I
Plant Hammond 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	
8/14/2023	<0.01	
2/19/2024		<0.01

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/28/2024 5:01 PM View: Appendix I
Plant Hammond 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	
8/14/2023	<0.01	
2/19/2024		0.0025 (J)

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/28/2024 5:01 PM View: Appendix I
Plant Hammond 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	
8/14/2023	<0.01	
2/19/2024		<0.01

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/28/2024 5:01 PM View: Appendix I
Plant Hammond 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	
8/14/2023	<0.01	
2/19/2024		<0.01

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/28/2024 5:01 PM View: Appendix I
Plant Hammond 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	
8/15/2023	<0.01	
2/20/2024		<0.01

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/28/2024 5:01 PM View: Appendix I
Plant Hammond 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	
8/15/2023	<0.01	
2/20/2024		<0.01

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/28/2024 5:01 PM View: Appendix I
Plant Hammond 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	
8/15/2023	<0.01	
2/20/2024		<0.01

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/28/2024 5:01 PM View: Appendix I
Plant Hammond 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	
8/15/2023	<0.01	
2/20/2024		0.0068 (J)

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/28/2024 5:01 PM View: Appendix I
Plant Hammond 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	
8/15/2023	<0.01	
2/20/2024		<0.01

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/28/2024 5:01 PM View: Appendix I
Plant Hammond 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	
8/14/2023	<0.01	
2/20/2024		<0.01

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/28/2024 5:01 PM View: Appendix I

Plant Hammond 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	
8/15/2023	<0.01	
2/20/2024		<0.01

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/28/2024 5:01 PM View: Appendix I

Plant Hammond 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	
8/14/2023	<0.01	
2/21/2024		<0.01

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/28/2024 5:01 PM View: Appendix I

Plant Hammond 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
8/15/2023		0.2
2/21/2024		0.27

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/28/2024 5:01 PM View: Appendix I
Plant Hammond 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	
8/15/2023	<0.01	
2/21/2024		<0.01

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/28/2024 5:01 PM View: Appendix I
Plant Hammond 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	
8/15/2023	<0.01	
2/20/2024		<0.01

FIGURE F.

Appendix III Intrawell Prediction Limits - Significant Results

Plant Hammond Data: Huffaker Road Landfill Printed 4/29/2024, 6:37 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NB	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chloride (mg/L)	GWC-21	4.703	n/a	2/20/2024	5	Yes	22	2.662	0.886	0	None	No	0.0006269	Param Intra 1 of 2	
Sulfate (mg/L)	GWC-19	22.7	n/a	2/20/2024	24.3	Yes	21	17.2	2.369	0	None	No	0.0006269	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWA-11	171.6	n/a	2/19/2024	193	Yes	21	121.3	21.65	0	None	No	0.0006269	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWA-2	280.3	n/a	2/19/2024	370	Yes	21	228	22.53	0	None	No	0.0006269	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-19	274.7	n/a	2/20/2024	306	Yes	20	232.8	17.94	0	None	No	0.0006269	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-20	332.9	n/a	2/20/2024	369	Yes	21	248	36.6	0	None	No	0.0006269	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-9	299.6	n/a	2/20/2024	301	Yes	21	226.3	31.57	0	None	No	0.0006269	Param Intra 1 of 2	

Appendix III Intrawell Prediction Limits - All Results

Plant Hammond Data: Huffaker Road Landfill Printed 4/29/2024, 6:37 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWA-1	0.05	n/a	2/19/2024	0.03J	No	21	n/a	n/a	9.524	n/a	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Boron (mg/L)	GWA-11	0.04261	n/a	2/19/2024	0.028J	No	21	0.03647	0.002646	0	None	No	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWA-2	0.1018	n/a	2/19/2024	0.083	No	21	0.08654	0.006575	0	None	No	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWA-3	0.1929	n/a	2/19/2024	0.082	No	21	0.1429	0.02156	0	None	No	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWA-4	0.1334	n/a	2/19/2024	0.059	No	21	0.08657	0.02019	0	None	No	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-10	0.04275	n/a	2/19/2024	0.028J	No	21	0.03408	0.003737	0	None	No	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-18	0.1499	n/a	2/20/2024	0.12	No	21	0.129	0.008992	0	None	No	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-19	0.2087	n/a	2/20/2024	0.14	No	21	0.1683	0.01739	0	None	No	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-20	0.02547	n/a	2/20/2024	0.02ND	No	21	0.01778	0.003312	4.762	None	No	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-21	0.1187	n/a	2/20/2024	0.025J	No	21	-3.445	0.5661	0	None	ln(x)	0.0006269	Param Intra 1 of 2	
Boron (mg/L)	GWC-22	0.08042	n/a	2/20/2024	0.066	No	21	0.06582	0.006291	0	None	No	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-23	0.0808	n/a	2/20/2024	0.048	No	20	0.1811	0.04411	5	None	sqrt(x)	0.0006269	Param Intra 1 of 2	
Boron (mg/L)	GWC-5	0.08069	n/a	2/20/2024	0.031J	No	21	0.05775	0.009887	0	None	No	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-6	0.04623	n/a	2/21/2024	0.04	No	22	0.03968	0.002845	0	None	No	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-7	0.07524	n/a	2/21/2024	0.027J	No	21	0.05036	0.01072	0	None	No	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-8	0.1025	n/a	2/21/2024	0.032J	No	22	-3.31	0.448	0	None	ln(x)	0.0006269	Param Intra 1 of 2	
Boron (mg/L)	GWC-9	0.02283	n/a	2/20/2024	0.02ND	No	21	0.01624	0.002837	4.762	None	No	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWA-1	20.58	n/a	2/19/2024	17.9	No	21	16.38	1.811	4.762	None	No	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWA-11	25.23	n/a	2/19/2024	21.4	No	21	423.9	91.74	4.762	None	x^2	0.0006269	Param Intra 1 of 2	
Calcium (mg/L)	GWA-2	57.38	n/a	2/19/2024	54	No	21	44.83	5.409	0	None	No	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWA-3	93.72	n/a	2/19/2024	59	No	21	72.29	9.235	0	None	No	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWA-4	118.7	n/a	2/19/2024	81.3	No	21	84.71	14.64	0	None	No	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-10	59.58	n/a	2/19/2024	44.8	No	23	41.64	7.848	0	None	No	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-18	52.22	n/a	2/20/2024	42.4	No	22	6.454	0.3355	0	None	sqrt(x)	0.0006269	Param Intra 1 of 2	
Calcium (mg/L)	GWC-19	51.58	n/a	2/20/2024	47.5	No	22	44.83	2.934	0	None	No	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-20	71.97	n/a	2/20/2024	67.1	No	22	56.93	6.529	0	None	No	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-21	89.64	n/a	2/20/2024	22.5	No	23	45.38	19.37	0	None	No	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-22	53.53	n/a	2/20/2024	46.8	No	21	48.05	2.361	0	None	No	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-23	62.14	n/a	2/20/2024	53.7	No	21	6.401	0.6386	0	None	sqrt(x)	0.0006269	Param Intra 1 of 2	
Calcium (mg/L)	GWC-5	89.77	n/a	2/20/2024	78.7	No	21	75.57	6.12	0	None	No	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-6	76.07	n/a	2/21/2024	66.7	No	21	64.92	4.805	0	None	No	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-7	74.97	n/a	2/21/2024	16.5	No	21	38.43	15.75	0	None	No	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-8	106.5	n/a	2/21/2024	77.4	No	23	70.66	15.67	0	None	No	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-9	40.48	n/a	2/20/2024	38.9	No	21	35.82	2.008	0	None	No	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWA-1	1.6	n/a	2/19/2024	1.2	No	21	n/a	n/a	0	n/a	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWA-11	1.98	n/a	2/19/2024	1.2	No	21	1.381	0.2581	0	None	No	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWA-2	2.951	n/a	2/19/2024	2.3	No	21	2.352	0.2582	0	None	No	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWA-3	5.761	n/a	2/19/2024	1.2	No	21	3.197	1.105	0	None	No	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWA-4	10.08	n/a	2/19/2024	3.6	No	21	5.299	2.059	0	None	No	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-10	2.156	n/a	2/19/2024	1.2	No	23	1.462	0.3036	0	None	No	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-18	1.857	n/a	2/20/2024	1	No	21	1.213	0.2777	0	None	No	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-19	2.569	n/a	2/20/2024	1.3	No	21	1.666	0.3892	0	None	No	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-20	2.32	n/a	2/20/2024	1.3	No	22	1.487	0.3614	0	None	No	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-21	4.703	n/a	2/20/2024	5	Yes	22	2.662	0.886	0	None	No	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-22	2.07	n/a	2/20/2024	1.3	No	21	1.341	0.3139	0	None	No	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-23	2.227	n/a	2/20/2024	0.98J	No	21	1.302	0.3984	4.762	None	No	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-5	4.049	n/a	2/20/2024	2.2	No	21	2.689	0.586	0	None	No	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-6	2.373	n/a	2/21/2024	1.7	No	21	1.83	0.234	0	None	No	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-7	2.224	n/a	2/21/2024	1.9	No	21	1.634	0.2545	0	None	No	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-8	3.316	n/a	2/21/2024	2	No	23	2.05	0.554	0	None	No	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-9	1.693	n/a	2/20/2024	0.89J	No	21	1.04	0.2817	0	None	No	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWA-1	0.1782	n/a	2/19/2024	0.074J	No	21	0.1001	0.03365	4.762	None	No	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWA-11	0.1551	n/a	2/19/2024	0.1ND	No	21	0.08075	0.03205	14.29	None	No	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWA-2	0.2206	n/a	2/19/2024	0.079J	No	21	0.1177	0.04434	4.762	None	No	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWA-3	0.4711	n/a	2/19/2024	0.081J	No	21	0.4185	0.1155	4.762	None	sqrt(x)	0.0006269	Param Intra 1 of 2	
Fluoride (mg/L)	GWA-4	0.4646	n/a	2/19/2024	0.1	No	21	-1.817	0.4525	0	None	ln(x)	0.0006269	Param Intra 1 of 2	
Fluoride (mg/L)	GWC-10	0.1772	n/a	2/19/2024	0.074J	No	21	0.1006	0.033	9.524	None	No	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-18	0.2074	n/a	2/20/2024	0.11	No	21	0.1351	0.03117	4.762	None	No	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-19	0.2456	n/a	2/20/2024	0.1	No	21	0.3685	0.05476	4.762	None	sqrt(x)	0.0006269	Param Intra 1 of 2	
Fluoride (mg/L)	GWC-20	0.1789	n/a	2/20/2024	0.051J	No	21	0.2855	0.05927	4.762	None	sqrt(x)	0.0006269	Param Intra 1 of 2	

Appendix III Intrawell Prediction Limits - All Results

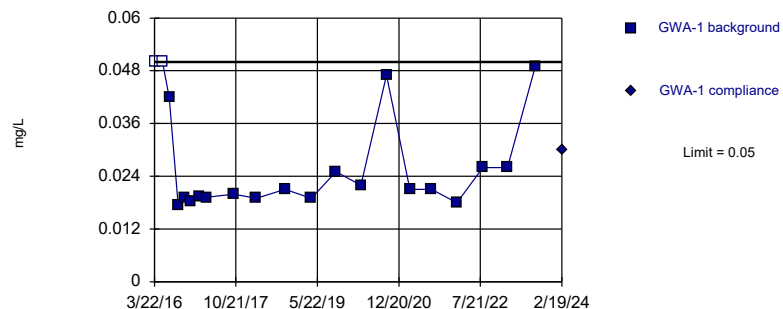
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Plant Hammond Data: Huffaker Road Landfill Printed 4/29/2024, 6:38 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	Nbg	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Fluoride (mg/L)	GWC-21	0.1935	n/a	2/20/2024	0.1ND	No	21	0.08248	0.04786	28.57	Kaplan-Meier	No	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-22	0.1451	n/a	2/20/2024	0.053J	No	21	0.08521	0.02581	4.762	None	No	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-23	0.172	n/a	2/20/2024	0.084J	No	21	0.1019	0.03019	4.762	None	No	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-5	0.33	n/a	2/20/2024	0.1ND	No	21	n/a	n/a	19.05	n/a	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-6	0.2679	n/a	2/21/2024	0.051J	No	21	0.3012	0.09327	9.524	None	sqrt(x)	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-7	0.475	n/a	2/21/2024	0.14	No	21	0.5972	0.07889	0	None	x^(1/3)	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-8	0.4	n/a	2/21/2024	0.11	No	22	n/a	n/a	0	n/a	n/a	n/a	0.003707	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-9	0.1618	n/a	2/20/2024	0.069J	No	21	0.09042	0.03075	4.762	None	No	No	0.0006269	Param Intra 1 of 2
pH (SU)	GWA-1	7.449	6.569	2/19/2024	7.11	No	21	7.009	0.1898	0	None	No	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWA-11	7.117	6.379	2/19/2024	6.94	No	21	6.748	0.1589	0	None	No	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWA-2	7.225	6.588	2/19/2024	6.84	No	21	6.907	0.1371	0	None	No	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWA-3	7.158	6.347	2/19/2024	6.74	No	21	6.752	0.1747	0	None	No	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWA-4	7.177	6.392	2/19/2024	6.95	No	21	6.785	0.1691	0	None	No	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-10	7.753	6.869	2/19/2024	7.48	No	22	7.311	0.1919	0	None	No	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-18	7.787	7.387	2/20/2024	7.64	No	21	7.587	0.08609	0	None	No	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-19	7.784	7.222	2/20/2024	7.51	No	23	7.503	0.1232	0	None	No	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-20	7.652	6.988	2/20/2024	7.58	No	24	7.32	0.1465	0	None	No	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-21	7.562	5.592	2/20/2024	6.46	No	21	6.577	0.4244	0	None	No	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-22	7.95	7.326	2/20/2024	7.61	No	22	7.638	0.1354	0	None	No	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-23	7.465	6.714	2/20/2024	7.11	No	21	7.09	0.1617	0	None	No	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-5	7.18	6.505	2/20/2024	7.1	No	21	6.842	0.1455	0	None	No	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-6	7.494	6.63	2/21/2024	7.3	No	23	7.062	0.1892	0	None	No	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-7	6.789	5.545	2/21/2024	5.74	No	22	6.167	0.2702	0	None	No	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-8	7.72	6.63	2/21/2024	7.48	No	24	7.175	0.2405	0	None	No	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-9	7.333	6.367	2/20/2024	7.1	No	21	6.85	0.2081	0	None	No	No	0.0003135	Param Intra 1 of 2
Sulfate (mg/L)	GWA-1	6.11	n/a	2/19/2024	5.1	No	21	2.167	0.1313	0	None	sqrt(x)	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWA-11	15.24	n/a	2/19/2024	9.9	No	21	11.71	1.52	0	None	No	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWA-2	25.18	n/a	2/19/2024	23.7	No	21	16.94	3.554	0	None	No	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWA-3	159.8	n/a	2/19/2024	103	No	19	104.7	23.29	0	None	No	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWA-4	300.2	n/a	2/19/2024	138	No	21	170.4	55.94	0	None	No	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-10	33.9	n/a	2/19/2024	10.8	No	22	n/a	n/a	0	n/a	n/a	n/a	0.003707	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWC-18	14.04	n/a	2/20/2024	9.1	No	21	10.1	1.696	0	None	No	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-19	22.7	n/a	2/20/2024	24.3	Yes	21	17.2	2.369	0	None	No	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-20	80.7	n/a	2/20/2024	71	No	9	53.13	8.981	0	None	No	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-21	52.37	n/a	2/20/2024	23.8	No	21	29.09	10.03	0	None	No	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-22	12.64	n/a	2/20/2024	7.3	No	21	7.557	2.191	0	None	No	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-23	19.5	n/a	2/20/2024	18.6	No	19	n/a	n/a	0	n/a	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWC-5	101.9	n/a	2/20/2024	98.1	No	19	79.18	9.587	0	None	No	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-6	141.3	n/a	2/21/2024	91.9	No	25	105.9	15.76	0	None	No	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-7	170.3	n/a	2/21/2024	122	No	21	108.8	26.51	0	None	No	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-8	58.8	n/a	2/21/2024	48.3	No	21	38.82	8.608	0	None	No	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-9	84.13	n/a	2/20/2024	78.2	No	22	69.25	6.462	0	None	No	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-1	154.3	n/a	2/19/2024	107	No	21	102.2	22.45	0	None	No	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-11	171.6	n/a	2/19/2024	193	Yes	21	121.3	21.65	0	None	No	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-2	280.3	n/a	2/19/2024	370	Yes	21	228	22.53	0	None	No	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-3	550.3	n/a	2/19/2024	380	No	19	428.5	51.45	0	None	No	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-4	576.4	n/a	2/19/2024	433	No	16	451.9	50.69	0	None	No	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-10	259.7	n/a	2/19/2024	198	No	21	180.3	34.23	0	None	No	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-18	266.4	n/a	2/20/2024	250	No	20	206	25.84	0	None	No	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-19	274.7	n/a	2/20/2024	306	Yes	20	232.8	17.94	0	None	No	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-20	332.9	n/a	2/20/2024	369	Yes	21	248	36.6	0	None	No	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-21	374.9	n/a	2/20/2024	126	No	23	187.7	81.93	0	None	No	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-22	324	n/a	2/20/2024	220	No	21	n/a	n/a	0	n/a	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-23	285	n/a	2/20/2024	263	No	21	197.3	37.79	0	None	No	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-5	511	n/a	2/20/2024	407	No	21	n/a	n/a	0	n/a	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-6	415.1	n/a	2/21/2024	275	No	23	333.8	35.57	0	None	No	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-7	351	n/a	2/21/2024	310	No	21	264.4	37.35	0	None	No	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-8	431.9	n/a	2/21/2024	12.5ND	No	23	288.6	62.72	0	None	No	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-9	299.6	n/a	2/20/2024	301	Yes	21	226.3	31.57	0	None	No	No	0.0006269	Param Intra 1 of 2

Within Limit

Prediction Limit Intrawell Non-parametric

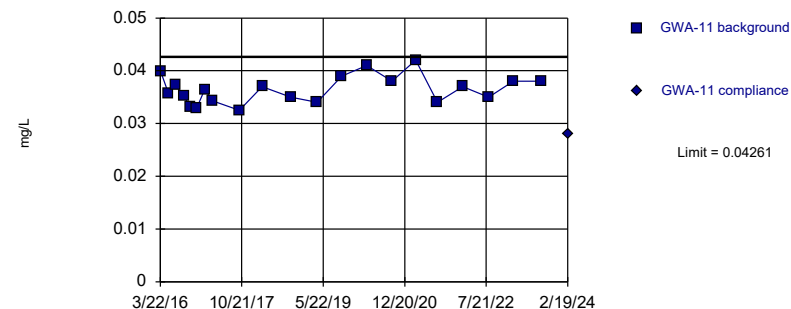


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. 9.524% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Boron Analysis Run 4/29/2024 6:33 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Parametric

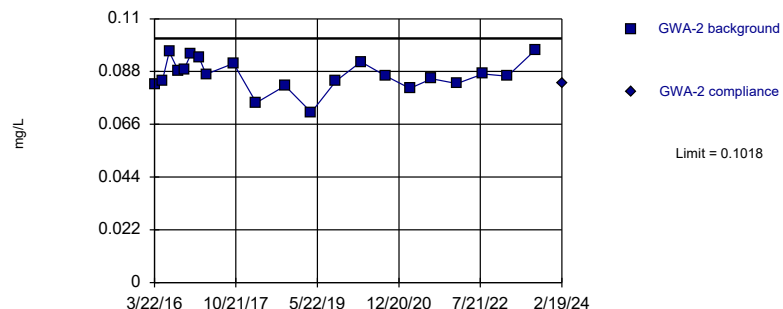


Background Data Summary: Mean=0.03647, Std. Dev.=0.002646, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9648, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Boron Analysis Run 4/29/2024 6:33 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Parametric

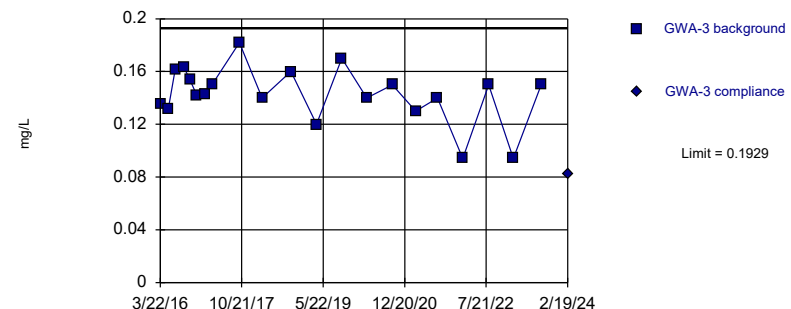


Background Data Summary: Mean=0.08654, Std. Dev.=0.006575, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9604, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Boron Analysis Run 4/29/2024 6:33 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Parametric



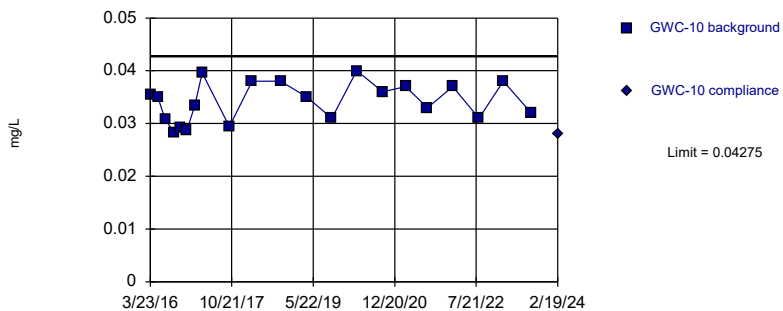
Background Data Summary: Mean=0.1429, Std. Dev.=0.02156, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9282, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Boron Analysis Run 4/29/2024 6:33 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



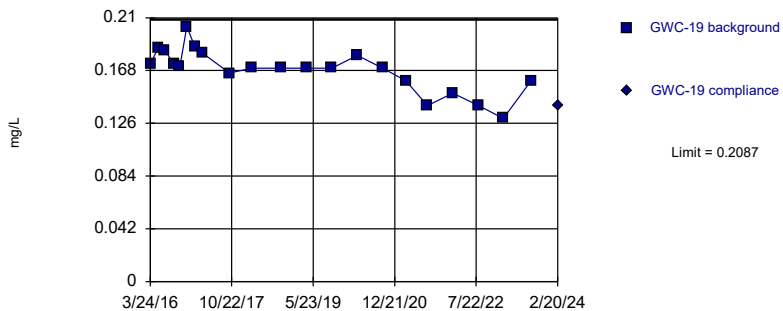
Background Data Summary: Mean=0.03408, Std. Dev.=0.003737, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9429, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Boron Analysis Run 4/29/2024 6:33 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



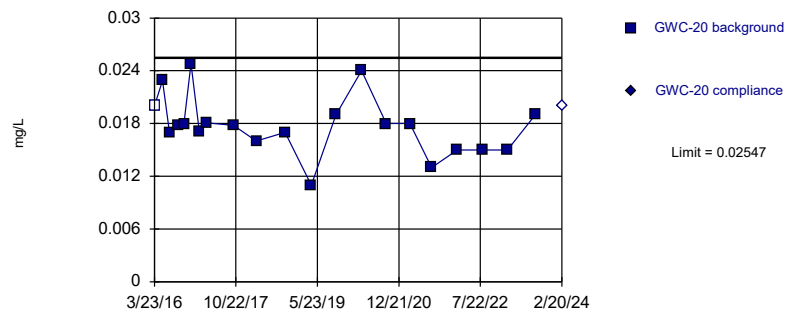
Background Data Summary: Mean=0.1683, Std. Dev.=0.01739, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9446, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Boron Analysis Run 4/29/2024 6:33 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



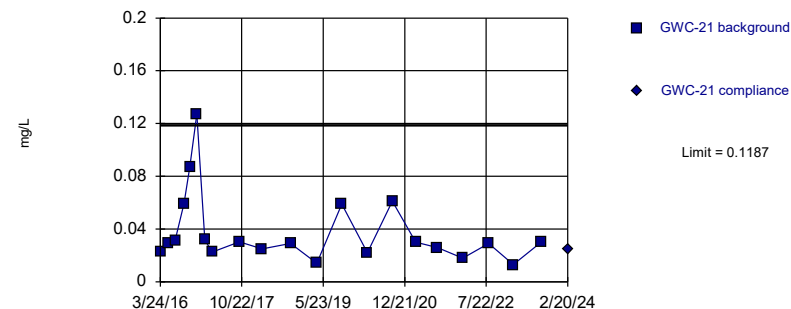
Background Data Summary: Mean=0.01778, Std. Dev.=0.003312, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9434, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Boron Analysis Run 4/29/2024 6:33 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

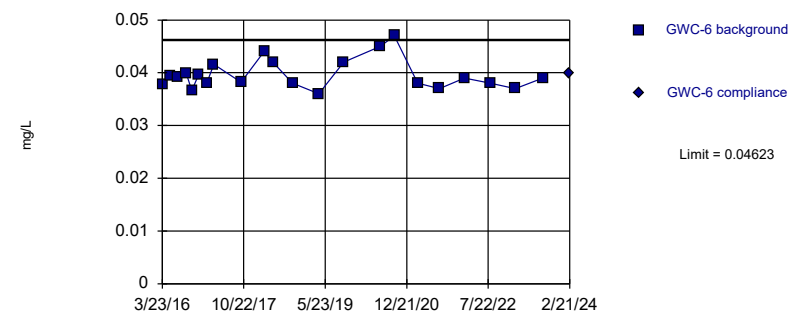
Prediction Limit

Intrawell Parametric



Prediction Limit

Intrawell Parametric

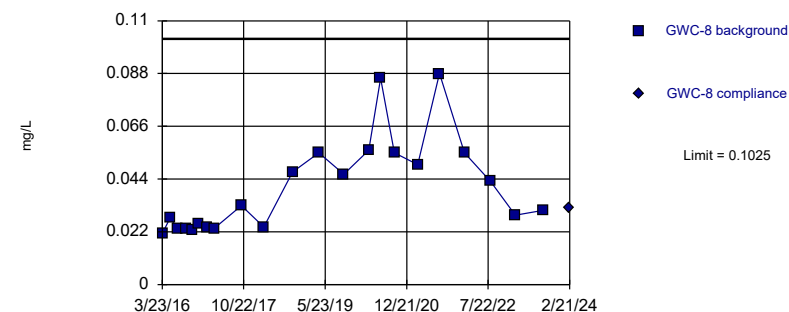


Background Data Summary: Mean=0.03968, Std. Dev.=0.002845, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8924, critical = 0.878. Kappa = 2.303 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Boron Analysis Run 4/29/2024 6:33 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Prediction Limit

Intrawell Parametric



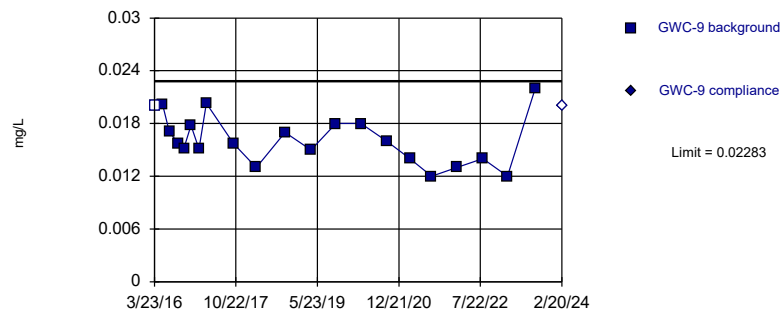
Background Data Summary (based on natural log transformation): Mean=-3.31, Std. Dev.=0.448, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.89, critical = 0.878. Kappa = 2.303 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Boron Analysis Run 4/29/2024 6:33 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



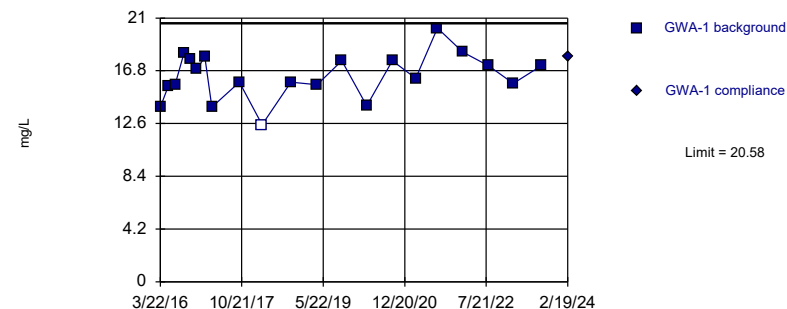
Background Data Summary: Mean=0.01624, Std. Dev.=0.002837, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9629, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Boron Analysis Run 4/29/2024 6:34 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



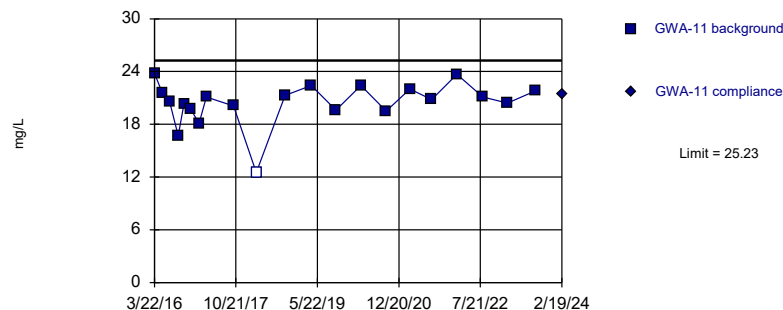
Background Data Summary: Mean=16.38, Std. Dev.=1.811, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9649, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 4/29/2024 6:34 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



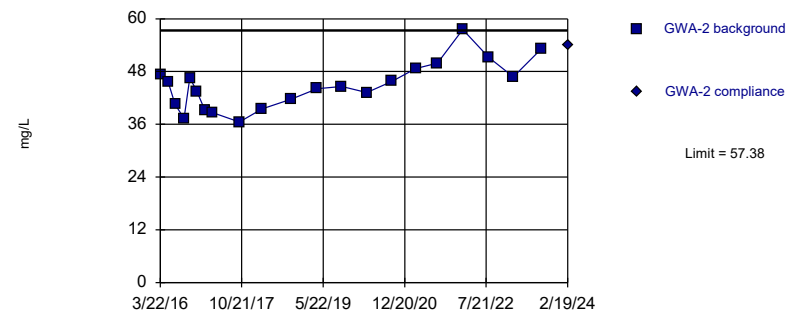
Background Data Summary (based on square transformation): Mean=423.9, Std. Dev.=91.74, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9152, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 4/29/2024 6:34 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



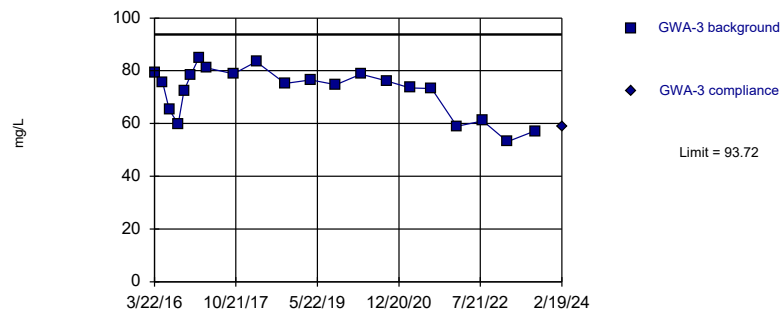
Background Data Summary: Mean=44.83, Std. Dev.=5.409, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9739, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 4/29/2024 6:34 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



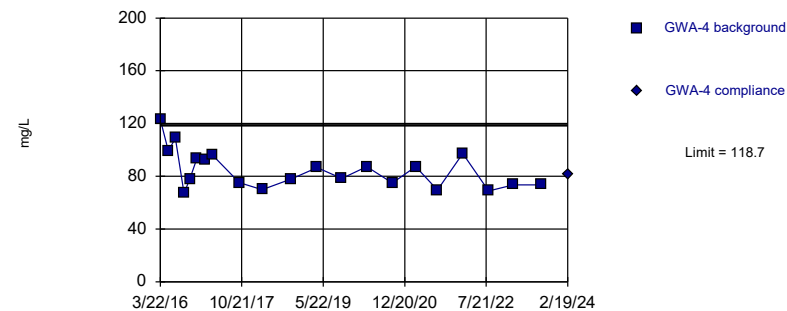
Background Data Summary: Mean=72.29, Std. Dev.=9.235, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8972, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 4/29/2024 6:34 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



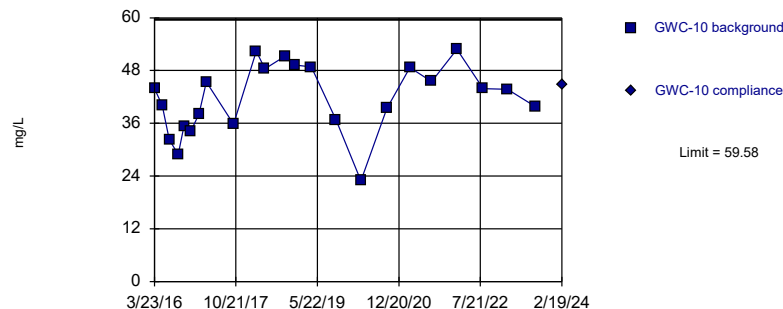
Background Data Summary: Mean=84.71, Std. Dev.=14.64, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.91, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 4/29/2024 6:34 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



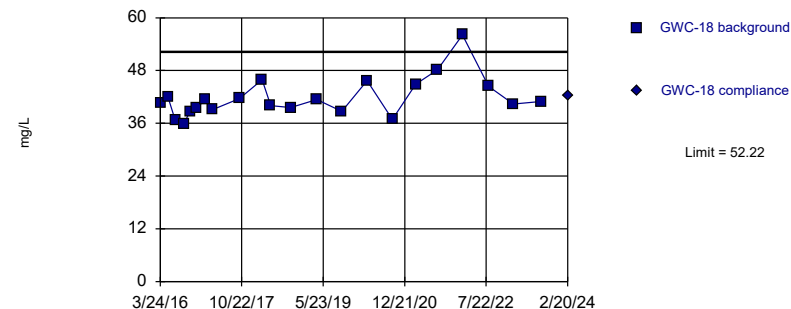
Background Data Summary: Mean=41.64, Std. Dev.=7.848, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9599, critical = 0.881. Kappa = 2.285 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 4/29/2024 6:34 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



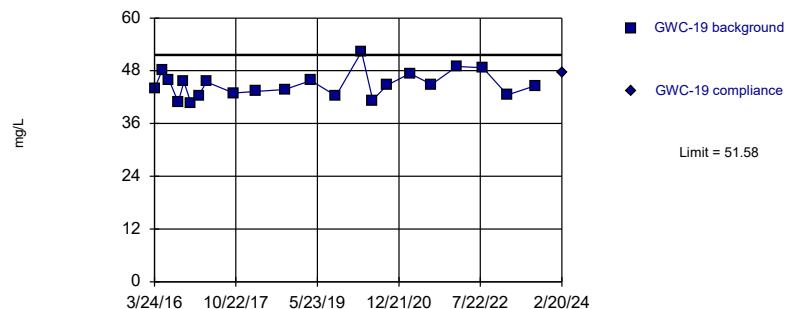
Background Data Summary (based on square root transformation): Mean=6.454, Std. Dev.=0.3355, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8895, critical = 0.878. Kappa = 2.303 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 4/29/2024 6:34 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

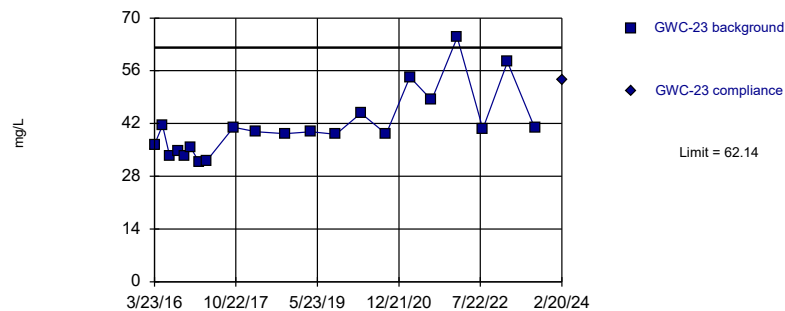
Intrawell Parametric



Within Limit

Prediction Limit

Intrawell Parametric



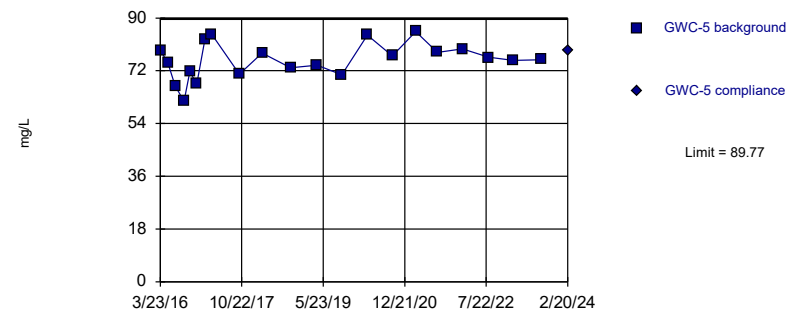
Background Data Summary (based on square root transformation): Mean=6.401, Std. Dev.=0.6386, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8769, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 4/29/2024 6:34 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



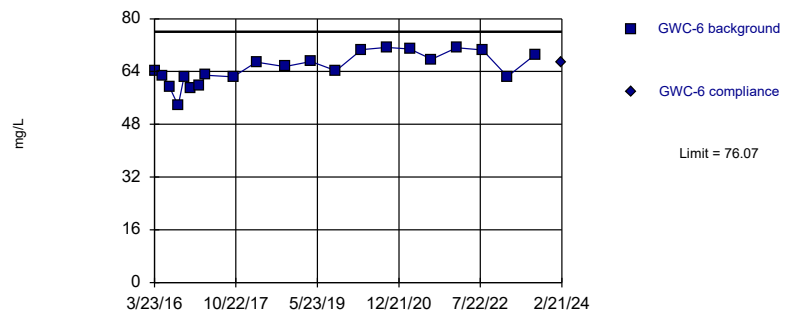
Background Data Summary: Mean=75.57, Std. Dev.=6.12, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9768, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 4/29/2024 6:34 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



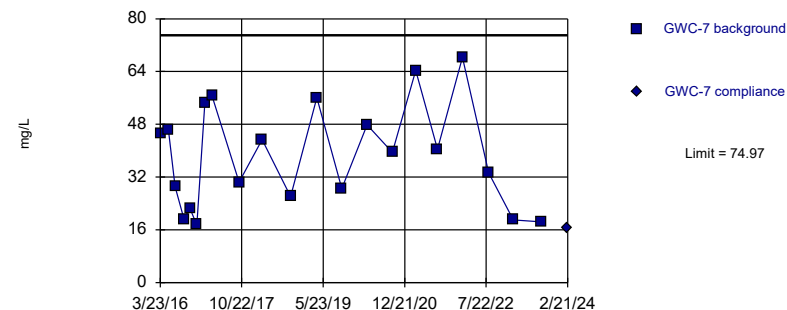
Background Data Summary: Mean=64.92, Std. Dev.=4.805, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9442, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 4/29/2024 6:34 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



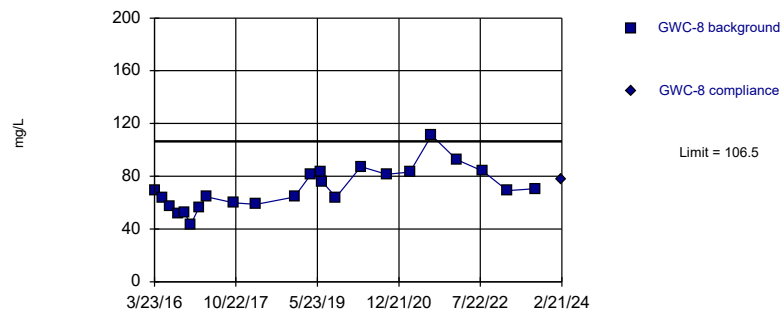
Background Data Summary: Mean=38.43, Std. Dev.=15.75, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.945, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 4/29/2024 6:34 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



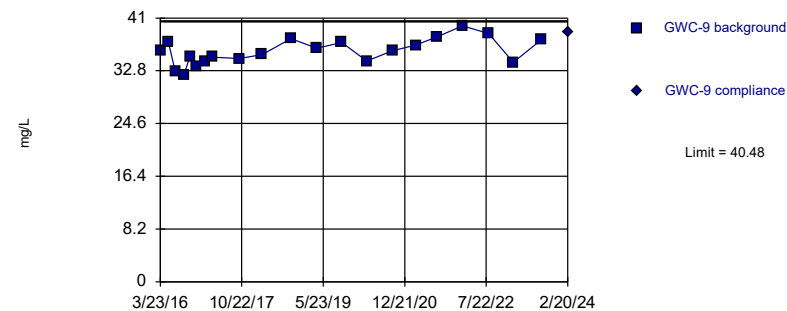
Background Data Summary: Mean=70.66, Std. Dev.=15.67, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.963, critical = 0.881. Kappa = 2.285 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 4/29/2024 6:34 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



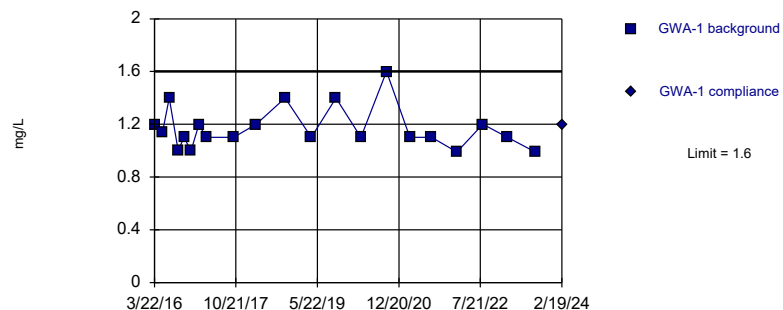
Background Data Summary: Mean=35.82, Std. Dev.=2.008, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9878, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 4/29/2024 6:34 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



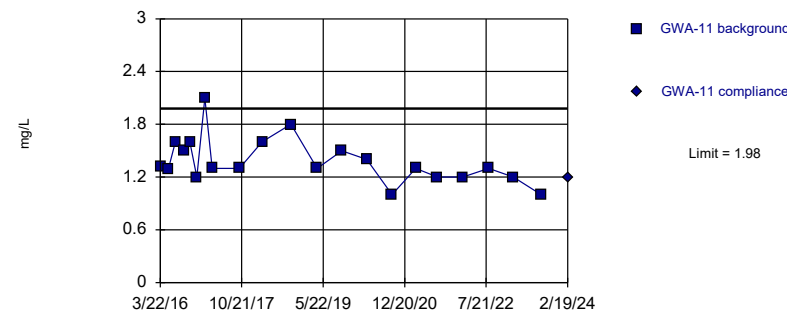
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Chloride Analysis Run 4/29/2024 6:34 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



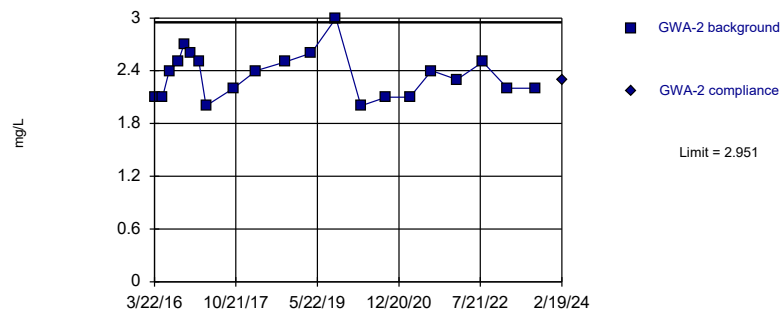
Background Data Summary: Mean=1.381, Std. Dev.=0.2581, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9026, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 4/29/2024 6:34 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



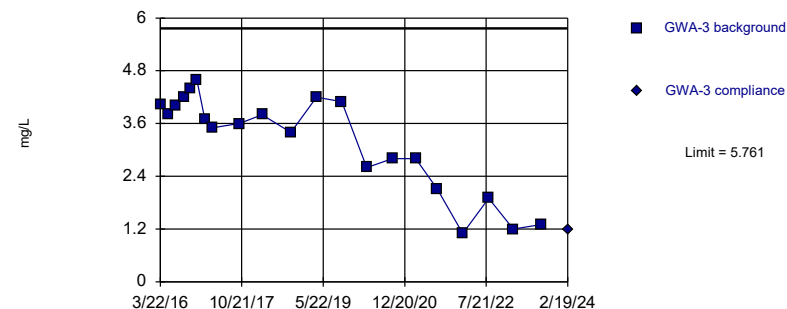
Background Data Summary: Mean=2.352, Std. Dev.=0.2582, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9376, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 4/29/2024 6:34 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



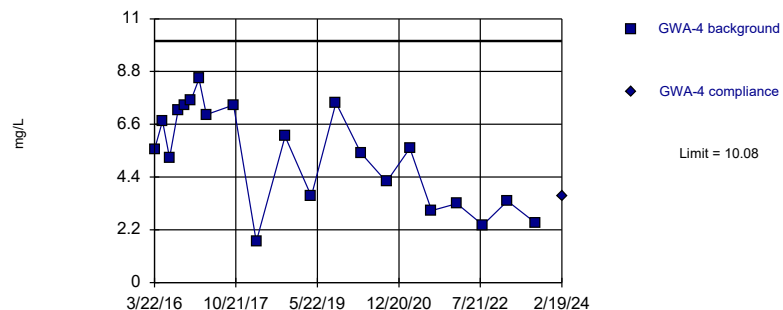
Background Data Summary: Mean=3.197, Std. Dev.=1.105, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8915, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 4/29/2024 6:34 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



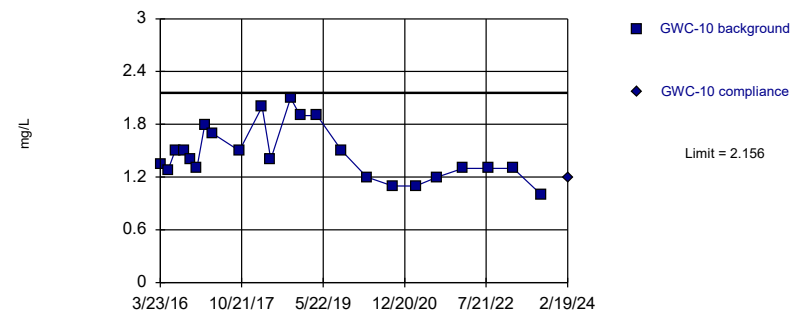
Background Data Summary: Mean=5.299, Std. Dev.=2.059, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9356, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 4/29/2024 6:34 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



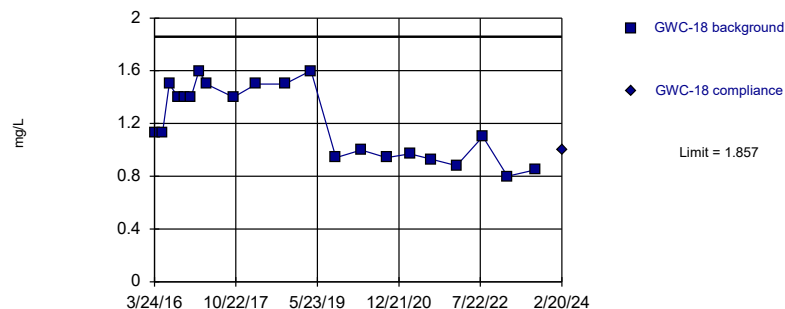
Background Data Summary: Mean=1.462, Std. Dev.=0.3036, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9285, critical = 0.881. Kappa = 2.285 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 4/29/2024 6:34 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



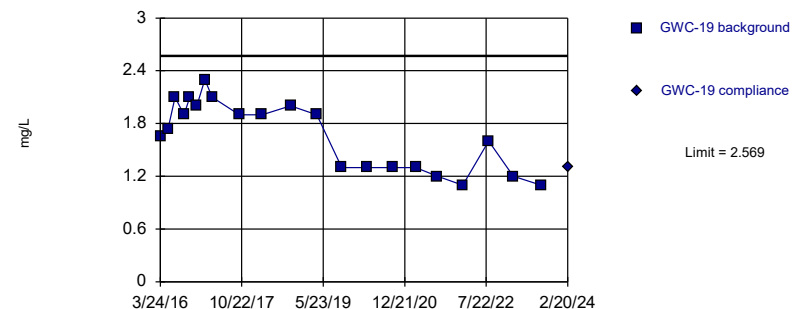
Background Data Summary: Mean=1.213, Std. Dev.=0.2777, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8856, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 4/29/2024 6:34 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



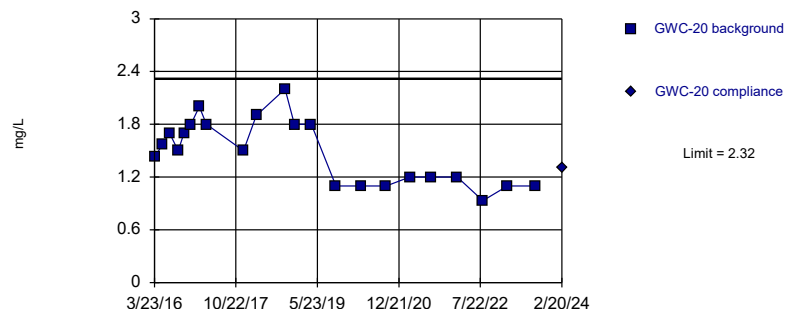
Background Data Summary: Mean=1.666, Std. Dev.=0.3892, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9029, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 4/29/2024 6:34 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



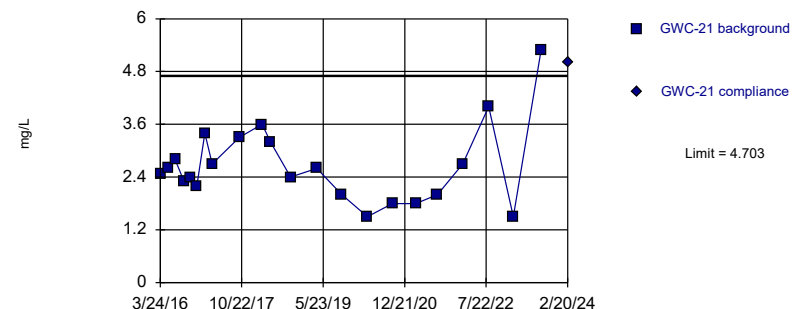
Background Data Summary: Mean=1.487, Std. Dev.=0.3614, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9283, critical = 0.878. Kappa = 2.303 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 4/29/2024 6:34 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Exceeds Limit

Prediction Limit

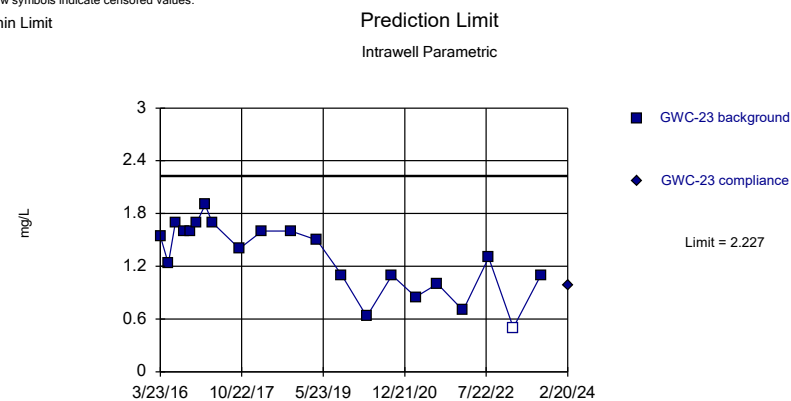
Intrawell Parametric



Background Data Summary: Mean=2.662, Std. Dev.=0.886, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9093, critical = 0.878. Kappa = 2.303 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 4/29/2024 6:34 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

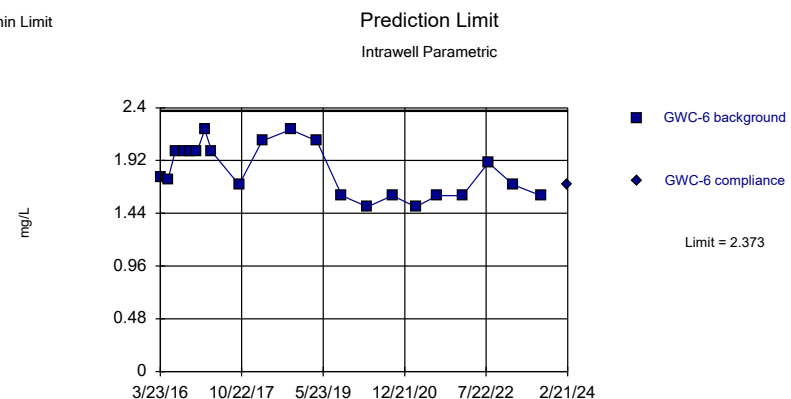
Within Limit



Background Data Summary: Mean=1.302, Std. Dev.=0.3984, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9313, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 4/29/2024 6:34 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit



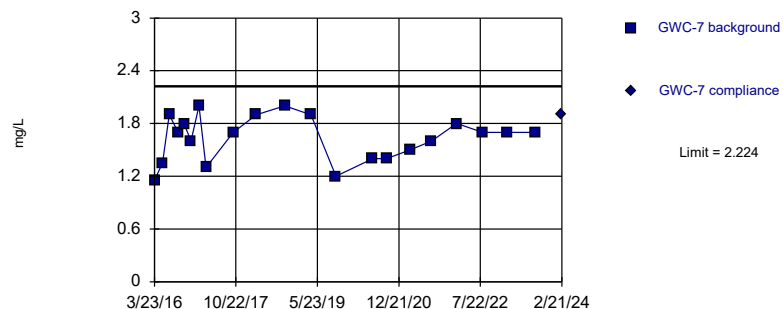
Background Data Summary: Mean=1.83, Std. Dev.=0.234, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9057, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 4/29/2024 6:34 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



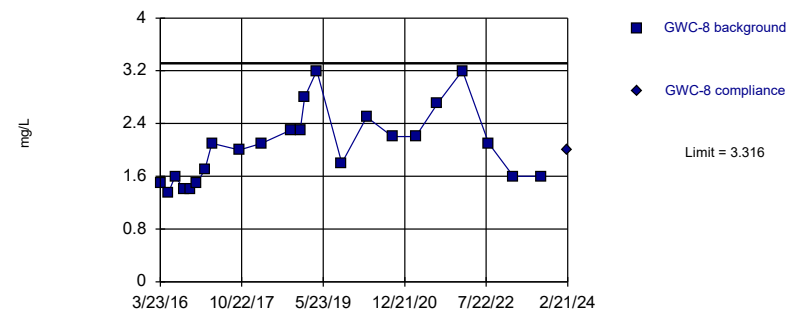
Background Data Summary: Mean=1.634, Std. Dev.=0.2545, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9451, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 4/29/2024 6:34 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



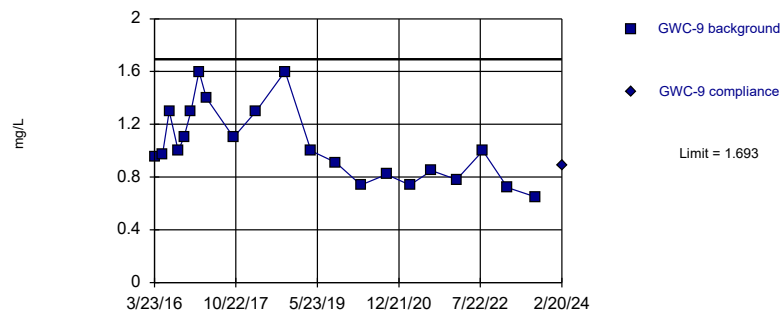
Background Data Summary: Mean=2.05, Std. Dev.=0.554, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9208, critical = 0.881. Kappa = 2.285 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 4/29/2024 6:34 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



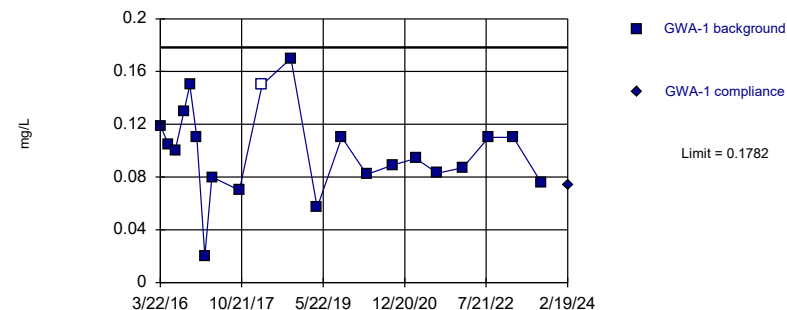
Background Data Summary: Mean=1.04, Std. Dev.=0.2817, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9276, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 4/29/2024 6:34 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



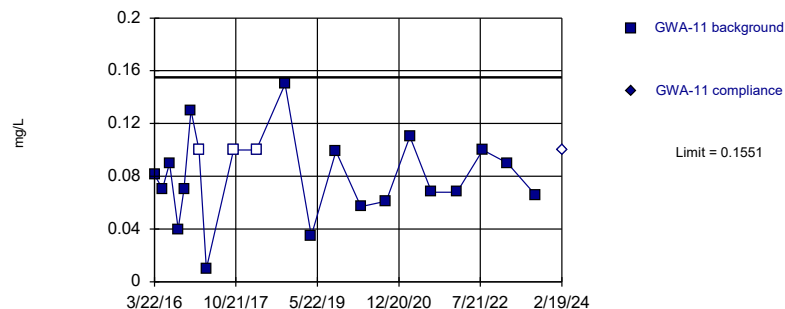
Background Data Summary: Mean=0.1001, Std. Dev.=0.03365, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.97, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 4/29/2024 6:34 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



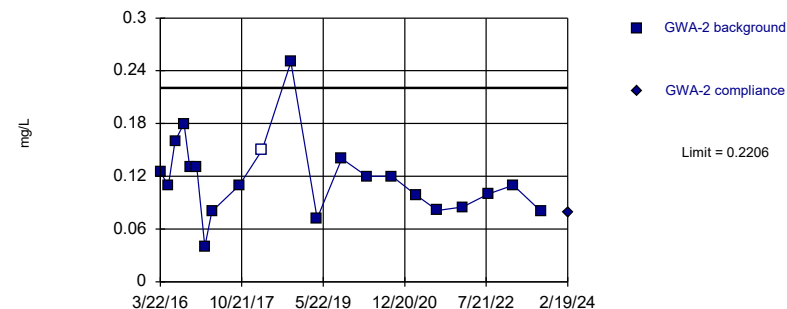
Background Data Summary: Mean=0.08075, Std. Dev.=0.03205, n=21, 14.29% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9749, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 4/29/2024 6:34 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



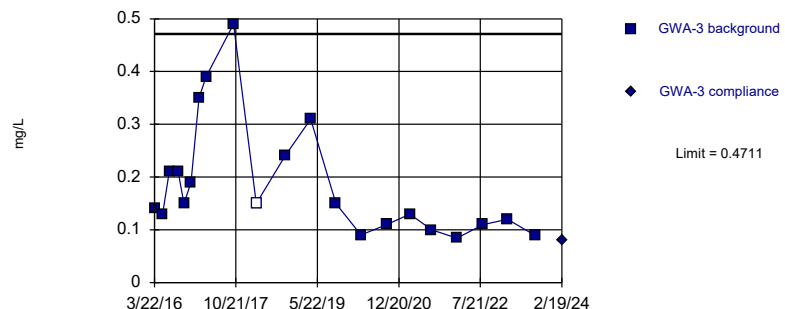
Background Data Summary: Mean=0.1177, Std. Dev.=0.04434, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9194, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 4/29/2024 6:34 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



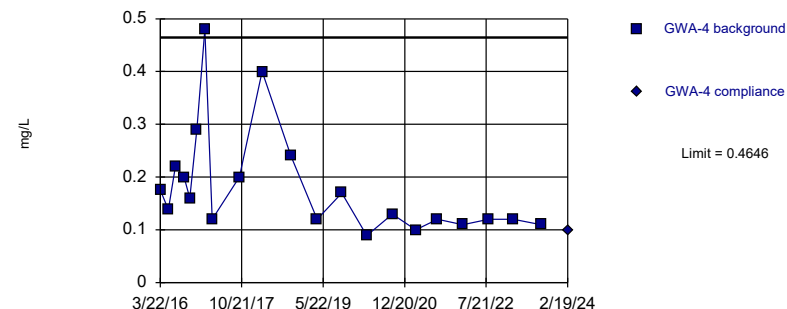
Background Data Summary (based on square root transformation): Mean=0.4185, Std. Dev.=0.1155, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8848, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 4/29/2024 6:34 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



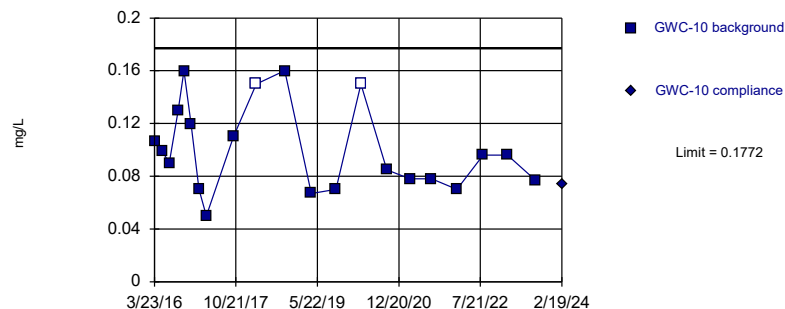
Background Data Summary (based on natural log transformation): Mean=-1.817, Std. Dev.=0.4525, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9058, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 4/29/2024 6:34 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



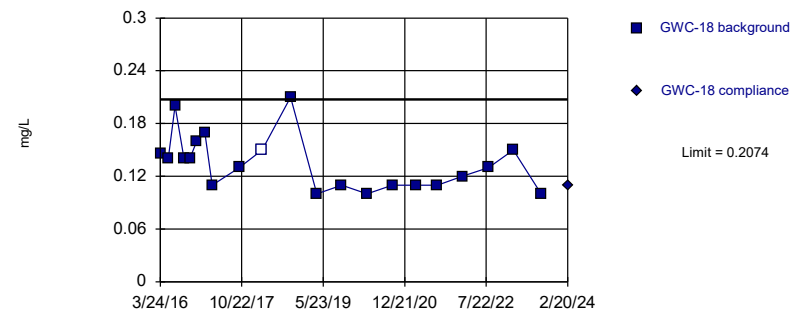
Background Data Summary: Mean=0.1006, Std. Dev.=0.033, n=21, 9.524% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9182, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 4/29/2024 6:34 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



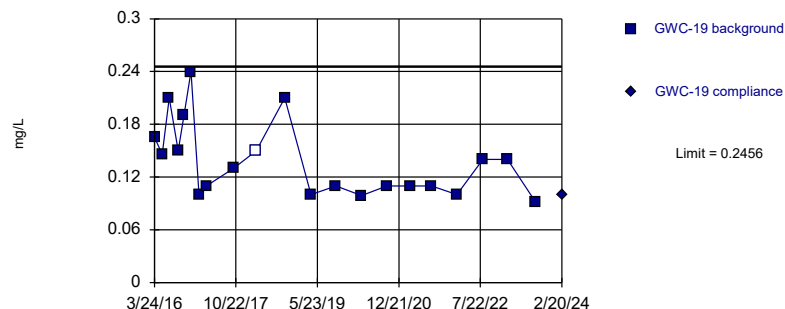
Background Data Summary: Mean=0.1351, Std. Dev.=0.03117, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8945, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 4/29/2024 6:34 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



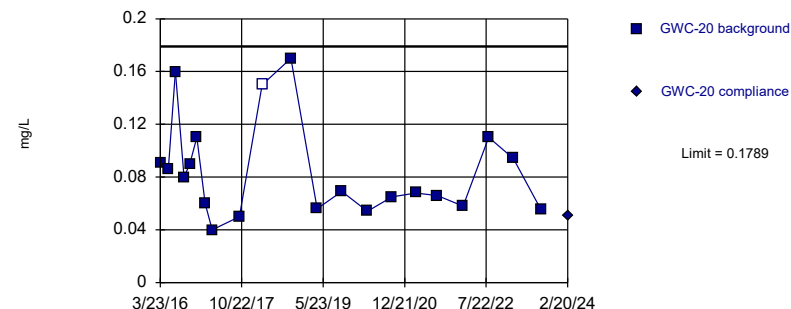
Background Data Summary (based on square root transformation): Mean=0.3685, Std. Dev.=0.05476, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8918, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 4/29/2024 6:34 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



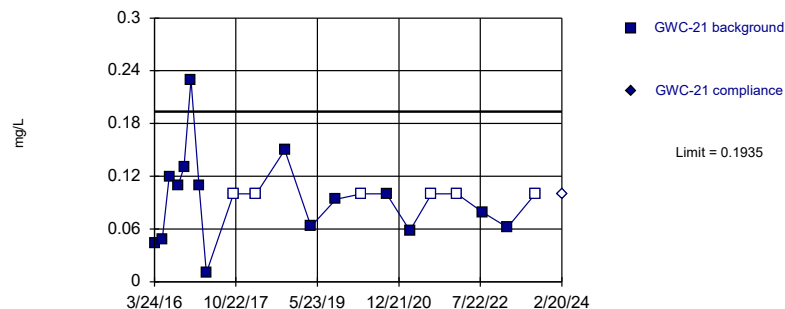
Background Data Summary (based on square root transformation): Mean=0.2855, Std. Dev.=0.05927, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9128, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 4/29/2024 6:34 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

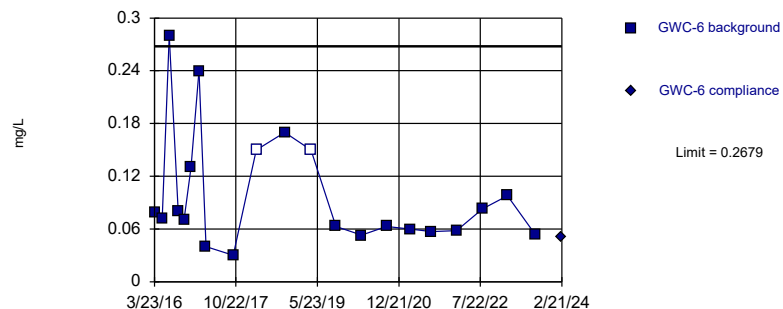
Intrawell Parametric



Within Limit

Prediction Limit

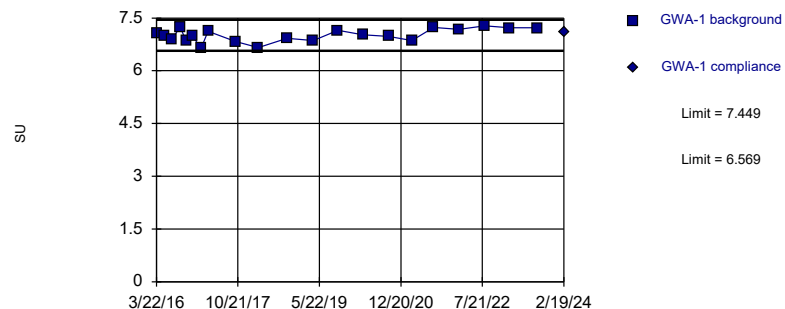
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Within Limits

Prediction Limit

Intrawell Parametric



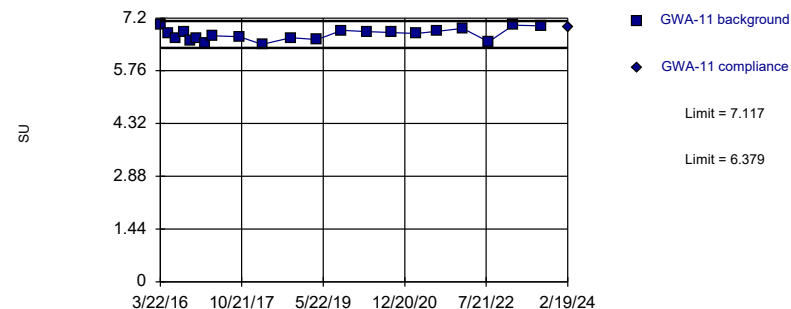
Background Data Summary: Mean=7.009, Std. Dev.=0.1898, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9438, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 4/29/2024 6:34 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limits

Prediction Limit

Intrawell Parametric



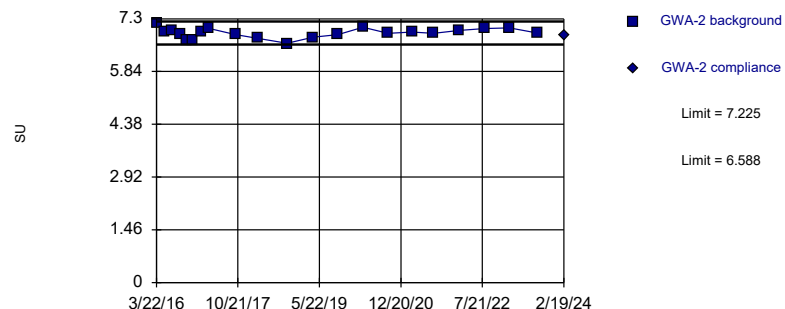
Background Data Summary: Mean=6.748, Std. Dev.=0.1589, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9627, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 4/29/2024 6:34 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limits

Prediction Limit

Intrawell Parametric



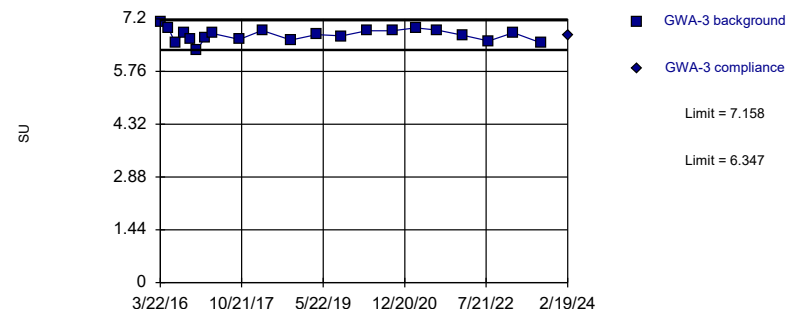
Background Data Summary: Mean=6.907, Std. Dev.=0.1371, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.983, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 4/29/2024 6:34 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limits

Prediction Limit

Intrawell Parametric



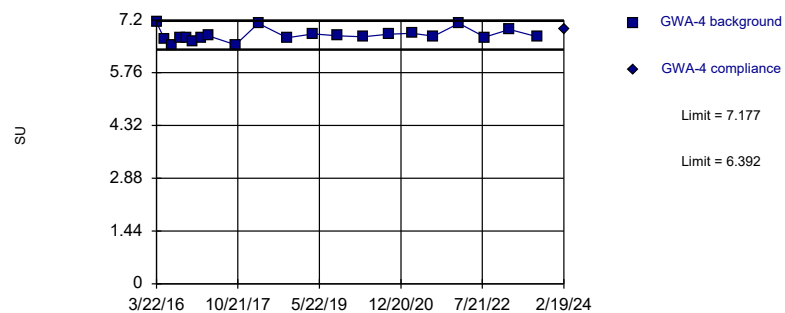
Background Data Summary: Mean=6.752, Std. Dev.=0.1747, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9815, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 4/29/2024 6:34 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limits

Prediction Limit

Intrawell Parametric



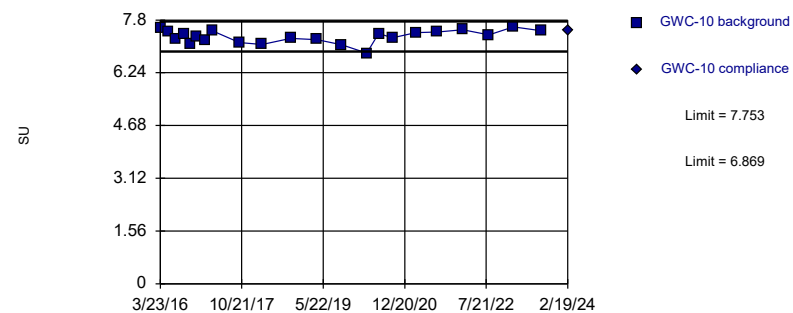
Background Data Summary: Mean=6.785, Std. Dev.=0.1691, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8878, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 4/29/2024 6:34 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limits

Prediction Limit

Intrawell Parametric



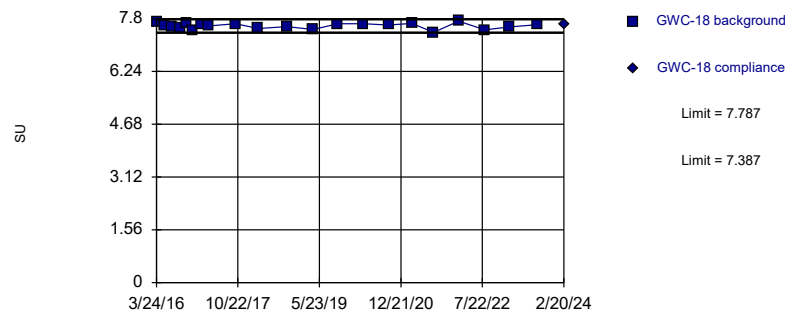
Background Data Summary: Mean=7.311, Std. Dev.=0.1919, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.955, critical = 0.878. Kappa = 2.303 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 4/29/2024 6:34 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limits

Prediction Limit

Intrawell Parametric



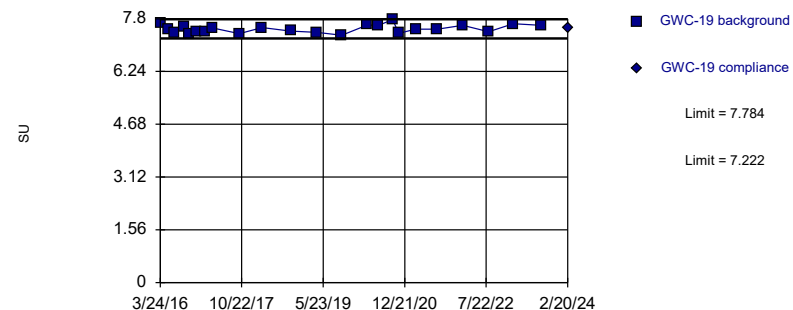
Background Data Summary: Mean=7.587, Std. Dev.=0.08609, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9629, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 4/29/2024 6:35 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limits

Prediction Limit

Intrawell Parametric



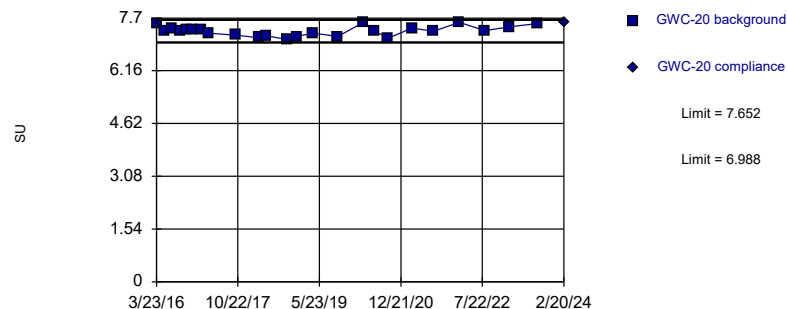
Background Data Summary: Mean=7.503, Std. Dev.=0.1232, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9623, critical = 0.881. Kappa = 2.285 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 4/29/2024 6:35 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limits

Prediction Limit

Intrawell Parametric



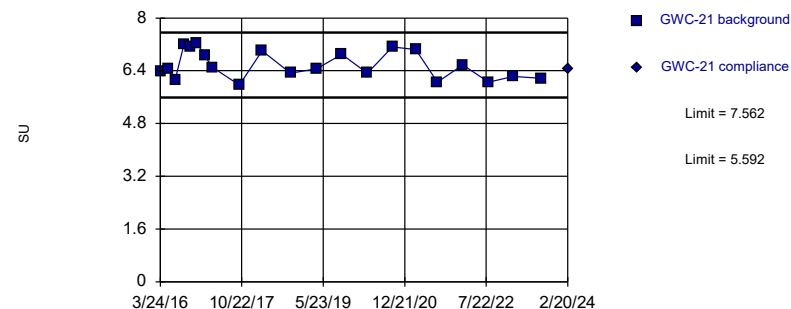
Background Data Summary: Mean=7.32, Std. Dev.=0.1465, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9531, critical = 0.884. Kappa = 2.268 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 4/29/2024 6:35 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limits

Prediction Limit

Intrawell Parametric



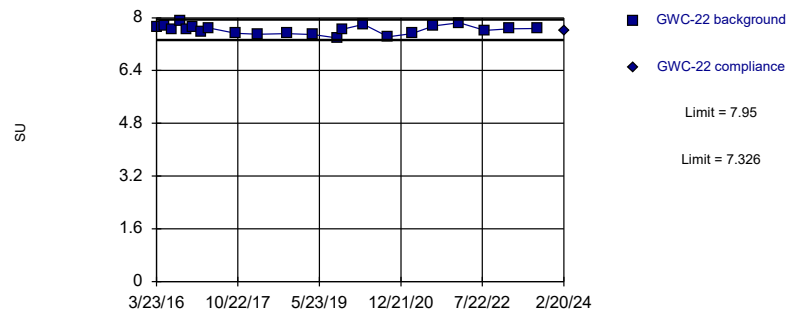
Background Data Summary: Mean=6.577, Std. Dev.=0.4244, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9175, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 4/29/2024 6:35 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limits

Prediction Limit

Intrawell Parametric



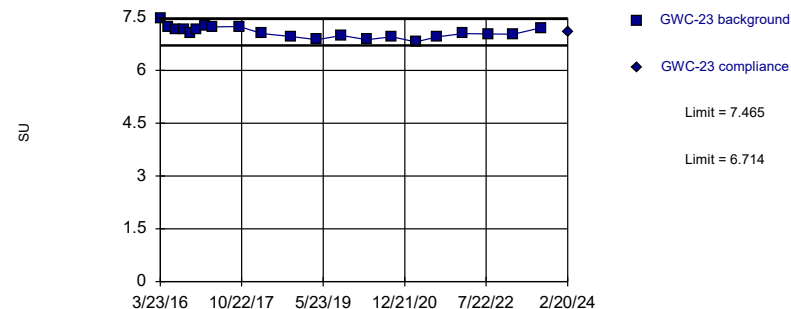
Background Data Summary: Mean=7.638, Std. Dev.=0.1354, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9809, critical = 0.878. Kappa = 2.303 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 4/29/2024 6:35 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limits

Prediction Limit

Intrawell Parametric



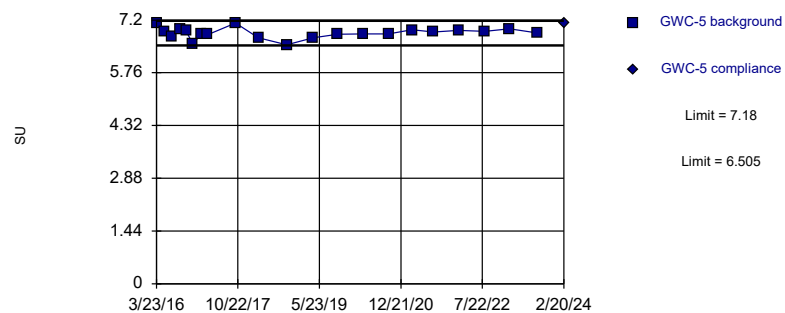
Background Data Summary: Mean=7.09, Std. Dev.=0.1617, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.963, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 4/29/2024 6:35 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limits

Prediction Limit

Intrawell Parametric



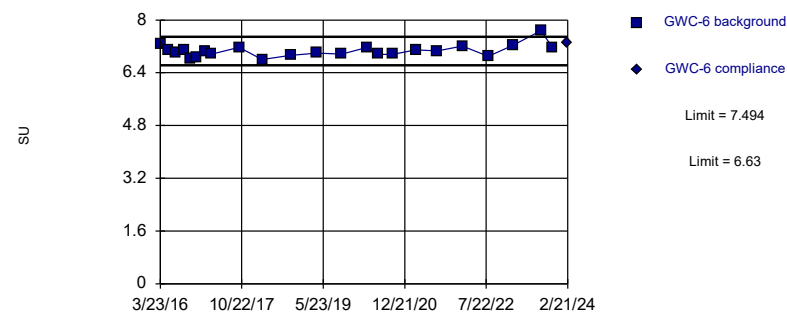
Background Data Summary: Mean=6.842, Std. Dev.=0.1455, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9473, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 4/29/2024 6:35 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limits

Prediction Limit

Intrawell Parametric



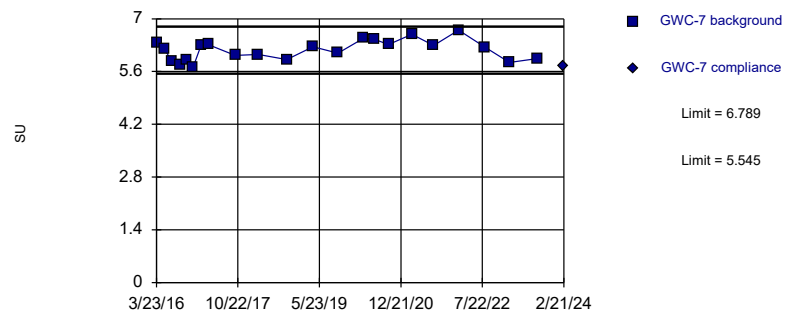
Background Data Summary: Mean=7.062, Std. Dev.=0.1892, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.892, critical = 0.881. Kappa = 2.285 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 4/29/2024 6:35 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limits

Prediction Limit

Intrawell Parametric



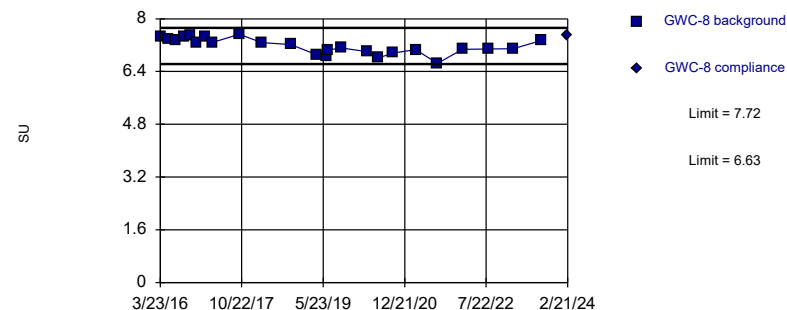
Background Data Summary: Mean=6.167, Std. Dev.=0.2702, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9662, critical = 0.878. Kappa = 2.303 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 4/29/2024 6:35 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limits

Prediction Limit

Intrawell Parametric



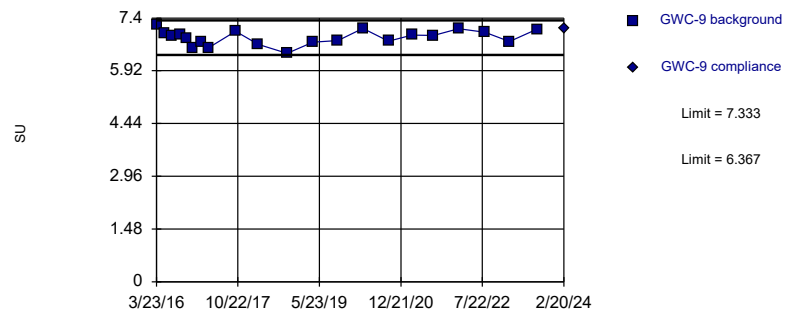
Background Data Summary: Mean=7.175, Std. Dev.=0.2405, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9583, critical = 0.884. Kappa = 2.268 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 4/29/2024 6:35 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limits

Prediction Limit

Intrawell Parametric



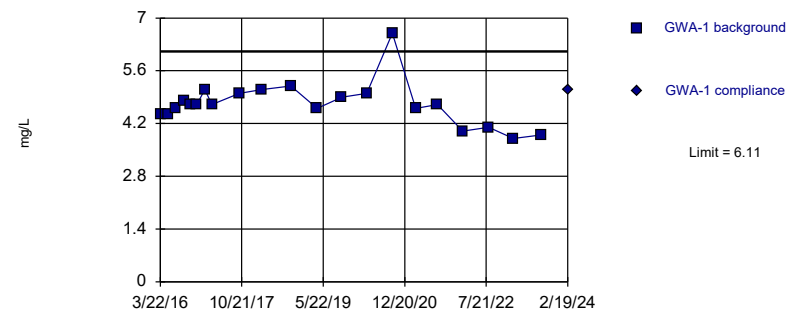
Background Data Summary: Mean=6.85, Std. Dev.=0.2081, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9773, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 4/29/2024 6:35 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



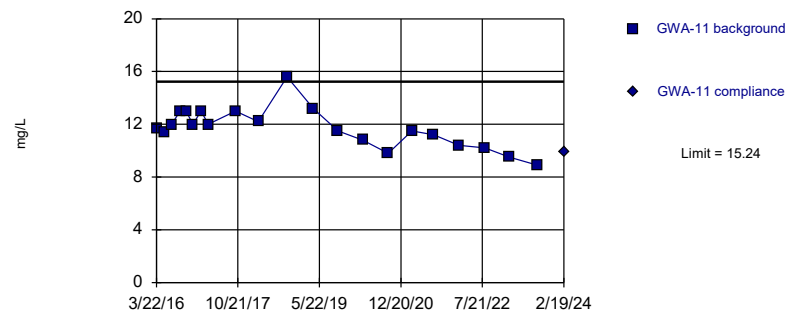
Background Data Summary (based on square root transformation): Mean=2.167, Std. Dev.=0.1313, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8914, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 4/29/2024 6:35 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



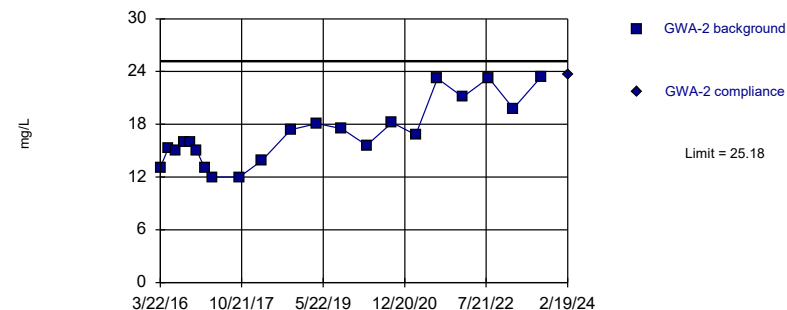
Background Data Summary: Mean=11.71, Std. Dev.=1.52, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9612, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 4/29/2024 6:35 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



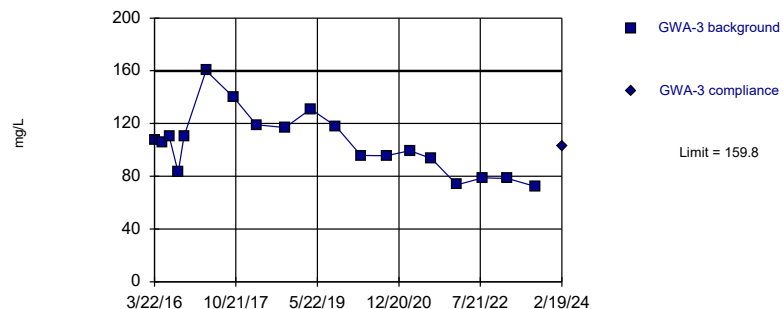
Background Data Summary: Mean=16.94, Std. Dev.=3.554, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9298, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 4/29/2024 6:35 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



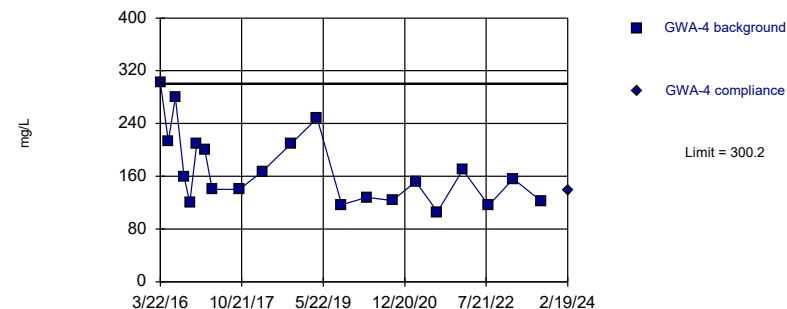
Background Data Summary: Mean=104.7, Std. Dev.=23.29, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9556, critical = 0.901. Kappa = 2.368 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 4/29/2024 6:35 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



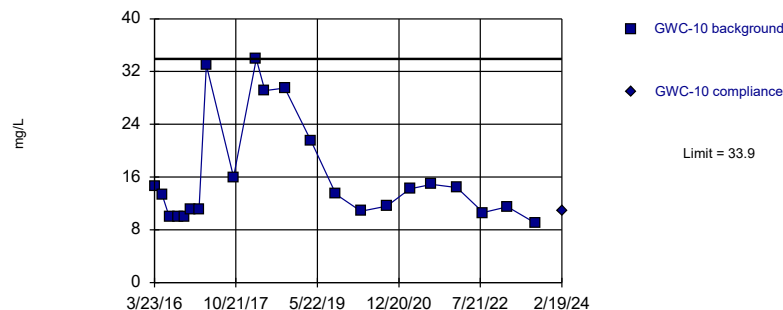
Background Data Summary: Mean=170.4, Std. Dev.=55.94, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8906, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 4/29/2024 6:35 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



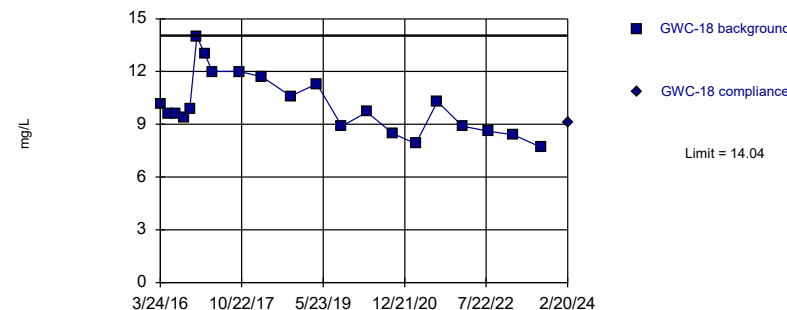
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 22 background values. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Sulfate Analysis Run 4/29/2024 6:35 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



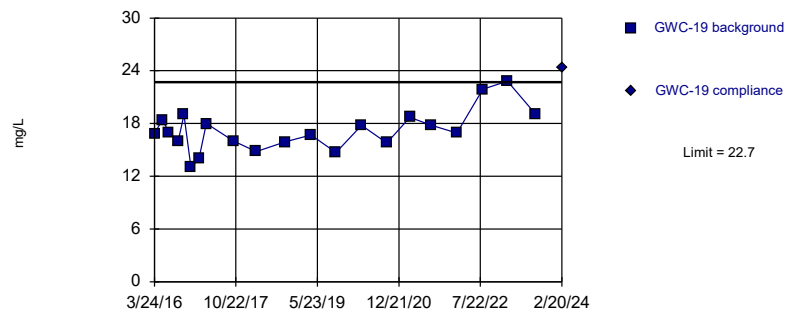
Background Data Summary: Mean=10.1, Std. Dev.=1.696, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9496, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 4/29/2024 6:35 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Exceeds Limit

Prediction Limit

Intrawell Parametric



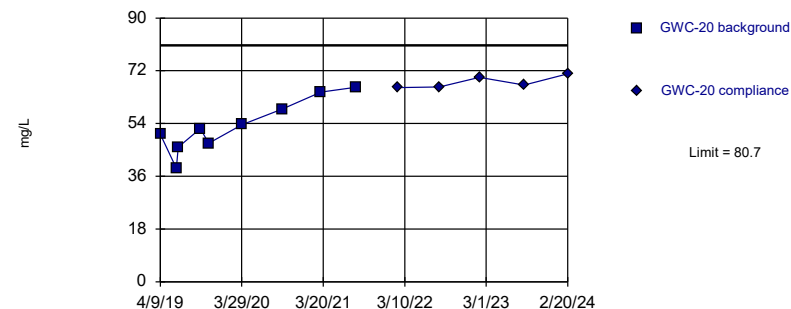
Background Data Summary: Mean=17.2, Std. Dev.=2.369, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9577, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 4/29/2024 6:35 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



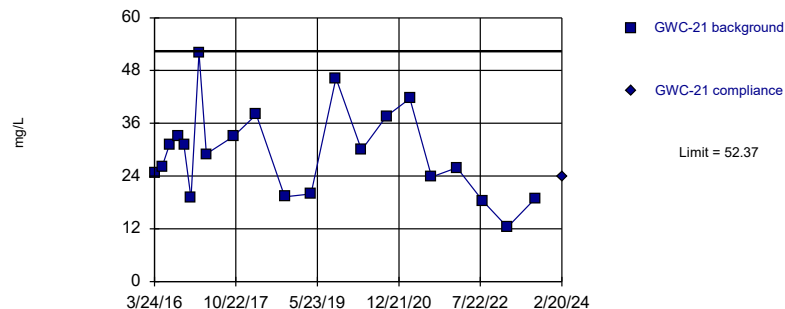
Background Data Summary: Mean=53.13, Std. Dev.=8.981, n=9. Normality test: Shapiro Wilk @alpha = 0.1, calculated = 0.9672, critical = 0.859. Kappa = 3.069 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 4/29/2024 6:35 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



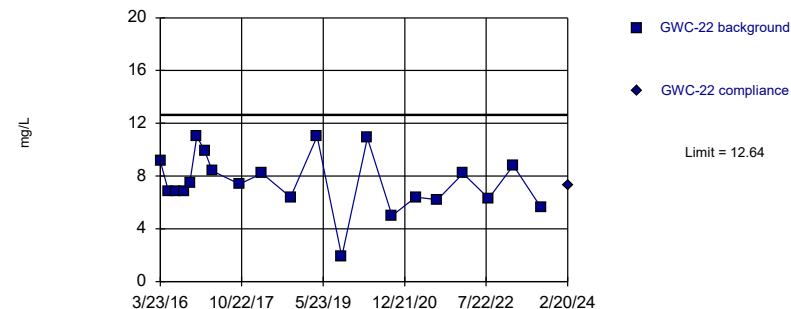
Background Data Summary: Mean=29.09, Std. Dev.=10.03, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9641, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 4/29/2024 6:35 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



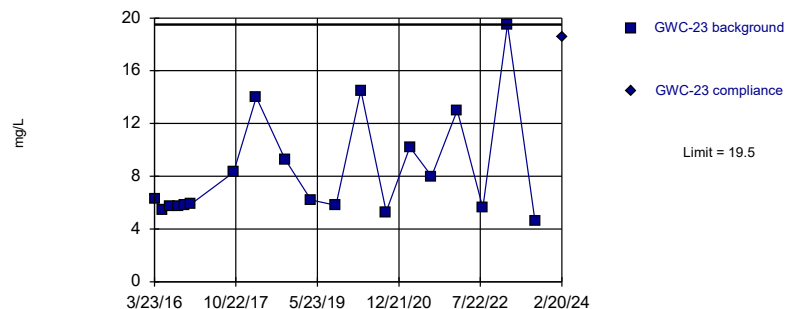
Background Data Summary: Mean=7.557, Std. Dev.=2.191, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9467, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 4/29/2024 6:35 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



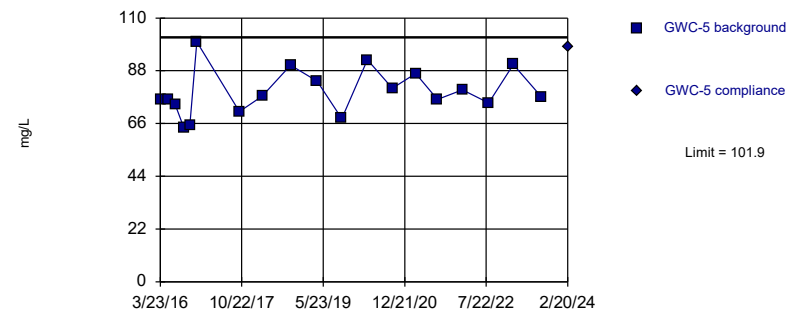
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.05 alpha level. Limit is highest of 19 background values. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Sulfate Analysis Run 4/29/2024 6:35 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



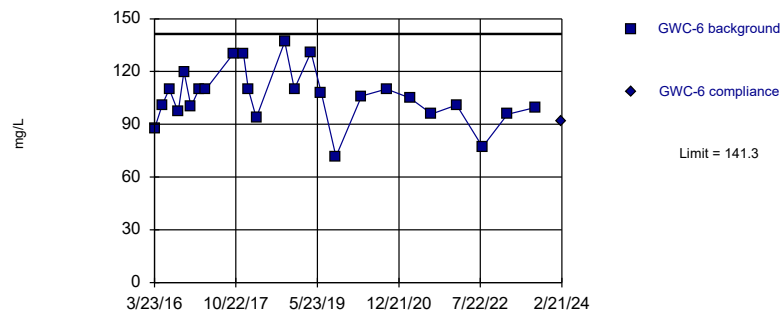
Background Data Summary: Mean=79.18, Std. Dev.=9.587, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9644, critical = 0.901. Kappa = 2.368 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 4/29/2024 6:35 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



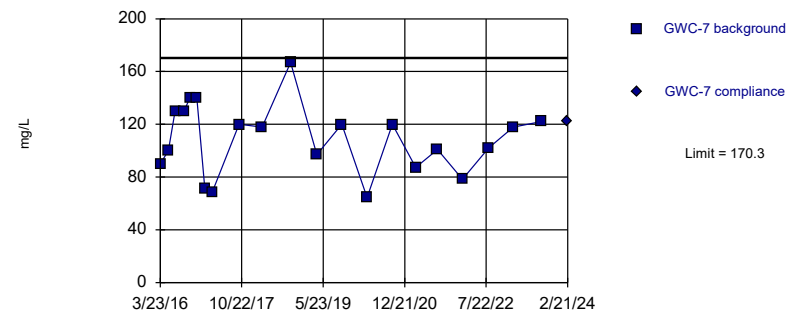
Background Data Summary: Mean=105.9, Std. Dev.=15.76, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9536, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 4/29/2024 6:35 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



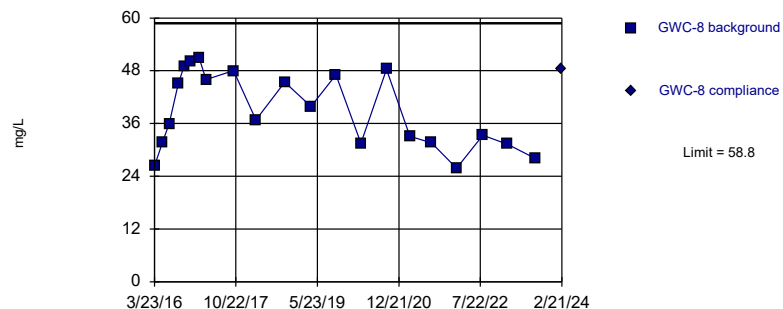
Background Data Summary: Mean=108.8, Std. Dev.=26.51, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9673, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 4/29/2024 6:35 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



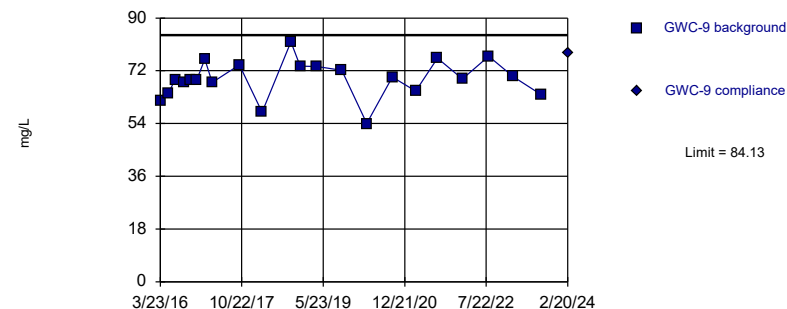
Background Data Summary: Mean=38.82, Std. Dev.=8.608, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9004, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 4/29/2024 6:35 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



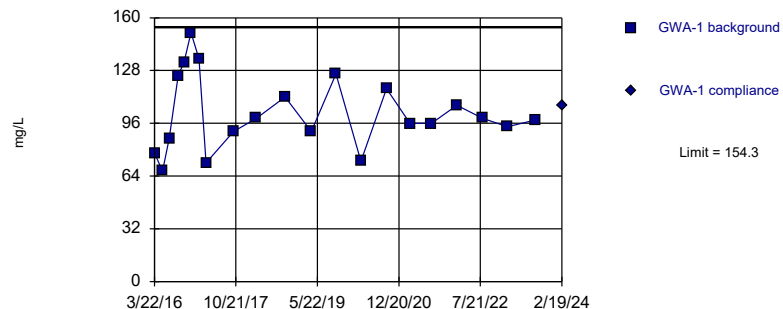
Background Data Summary: Mean=69.25, Std. Dev.=6.462, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9723, critical = 0.878. Kappa = 2.303 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 4/29/2024 6:35 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



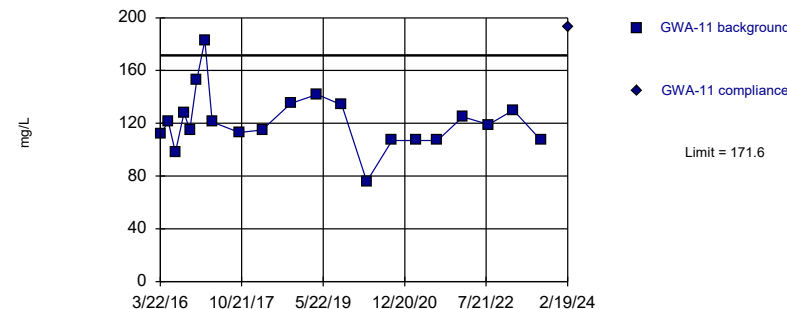
Background Data Summary: Mean=102.2, Std. Dev.=22.45, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9625, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Total Dissolved Solids Analysis Run 4/29/2024 6:35 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Exceeds Limit

Prediction Limit

Intrawell Parametric



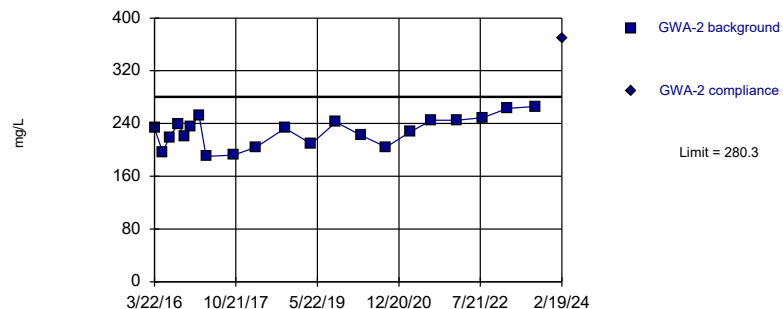
Background Data Summary: Mean=121.3, Std. Dev.=21.65, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9273, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Total Dissolved Solids Analysis Run 4/29/2024 6:35 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Exceeds Limit

Prediction Limit

Intrawell Parametric



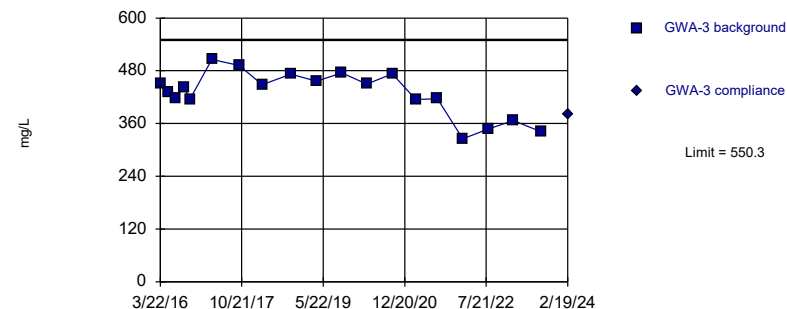
Background Data Summary: Mean=228, Std. Dev.=22.53, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9659, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Total Dissolved Solids Analysis Run 4/29/2024 6:35 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



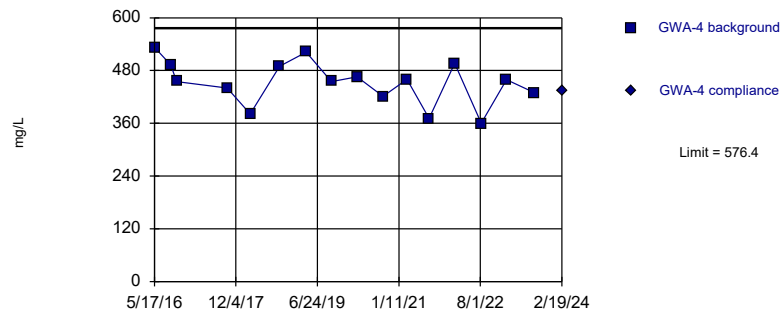
Background Data Summary: Mean=428.5, Std. Dev.=51.45, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9299, critical = 0.901. Kappa = 2.368 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Total Dissolved Solids Analysis Run 4/29/2024 6:35 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



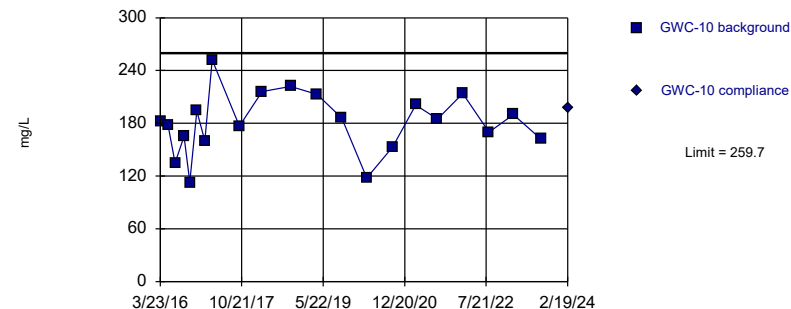
Background Data Summary: Mean=451.9, Std. Dev.=50.69, n=16. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9554, critical = 0.887. Kappa = 2.456 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Total Dissolved Solids Analysis Run 4/29/2024 6:35 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



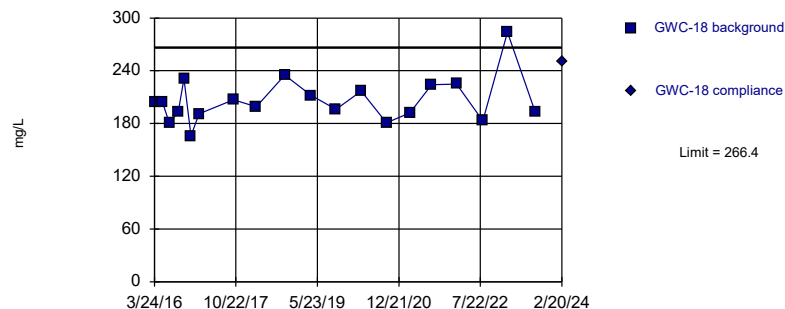
Background Data Summary: Mean=180.3, Std. Dev.=34.23, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9801, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Total Dissolved Solids Analysis Run 4/29/2024 6:35 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



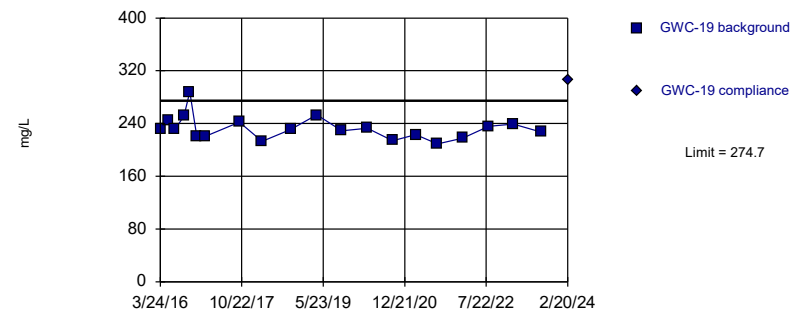
Background Data Summary: Mean=206, Std. Dev.=25.84, n=20. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9034, critical = 0.868. Kappa = 2.338 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Total Dissolved Solids Analysis Run 4/29/2024 6:35 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Exceeds Limit

Prediction Limit

Intrawell Parametric



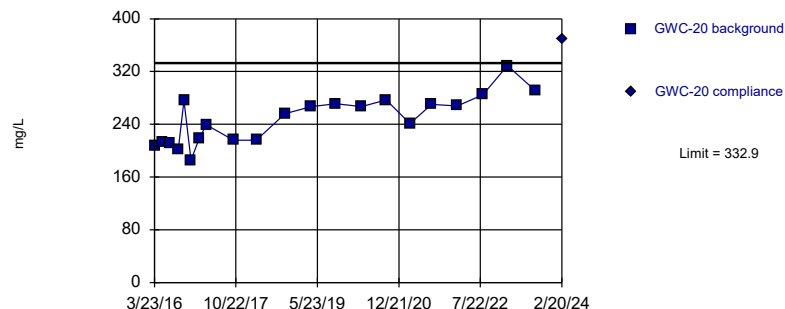
Background Data Summary: Mean=232.8, Std. Dev.=17.94, n=20. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8889, critical = 0.868. Kappa = 2.338 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Total Dissolved Solids Analysis Run 4/29/2024 6:35 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Exceeds Limit

Prediction Limit

Intrawell Parametric



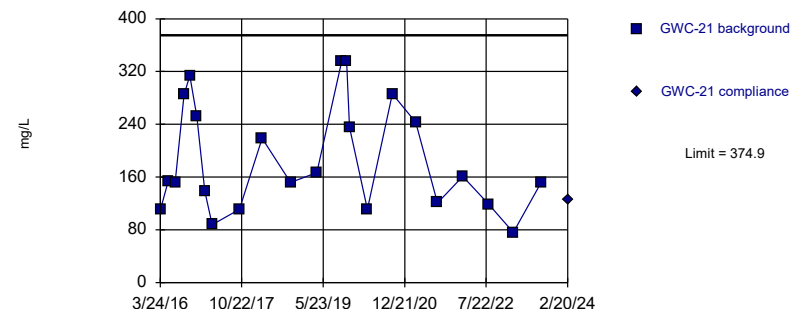
Background Data Summary: Mean=248, Std. Dev.=36.6, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9473, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Total Dissolved Solids Analysis Run 4/29/2024 6:35 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



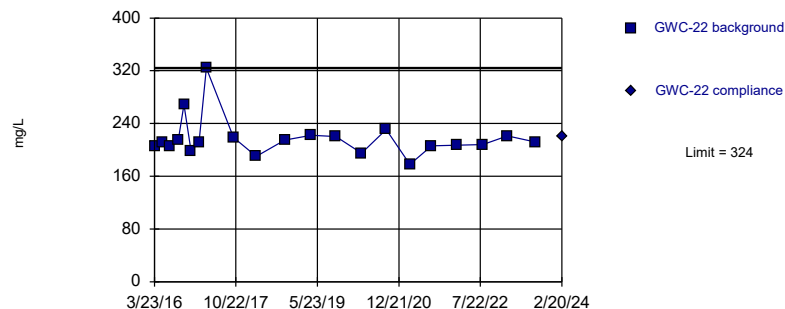
Background Data Summary: Mean=187.7, Std. Dev.=81.93, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9052, critical = 0.881. Kappa = 2.285 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Total Dissolved Solids Analysis Run 4/29/2024 6:35 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

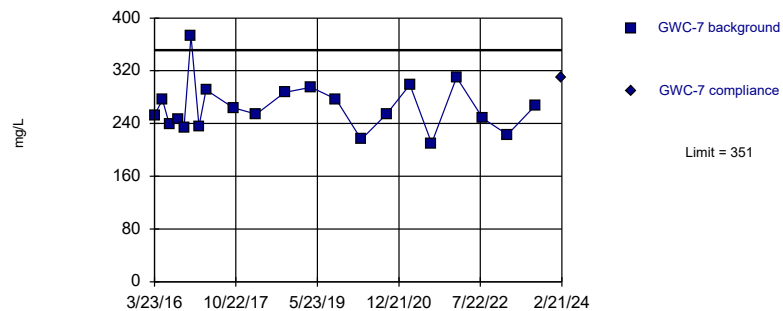
Intrawell Non-parametric



Within Limit

Prediction Limit

Intrawell Parametric



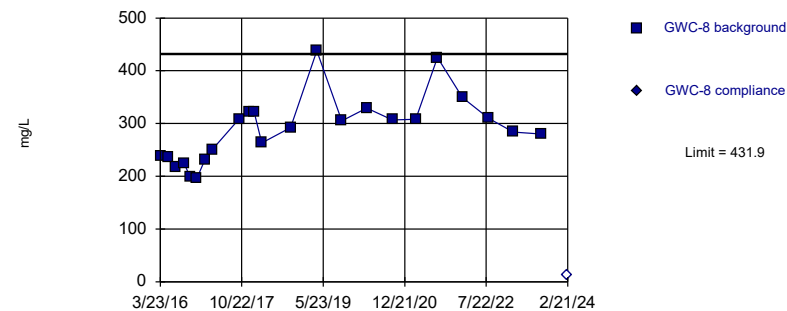
Background Data Summary: Mean=264.4, Std. Dev.=37.35, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9309, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Total Dissolved Solids Analysis Run 4/29/2024 6:35 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



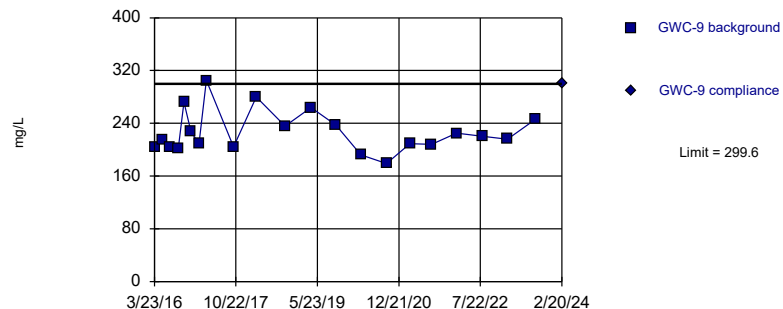
Background Data Summary: Mean=288.6, Std. Dev.=62.72, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9319, critical = 0.881. Kappa = 2.285 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Total Dissolved Solids Analysis Run 4/29/2024 6:35 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=226.3, Std. Dev.=31.57, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9132, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Total Dissolved Solids Analysis Run 4/29/2024 6:35 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III

Plant Hammond 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)	
8/14/2023	0.049	
2/19/2024		0.03 (J)

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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)	
8/14/2023	0.038 (J)	
2/19/2024		0.028 (J)

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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	
8/14/2023	0.097	
2/19/2024		0.083

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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	
8/14/2023	0.15	
2/19/2024		0.082

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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	
8/14/2023	0.082	
2/19/2024		0.059

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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)	
8/14/2023	0.032 (J)	
2/19/2024		0.028 (J)

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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	
8/15/2023	0.14	
2/20/2024		0.12

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III

Plant Hammond 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	
8/15/2023	0.16	
2/20/2024		0.14

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III

Plant Hammond Data: Huffaker Road Landfill

	GWC-20	GWC-20
3/23/2016	<0.04	
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)	
8/15/2023	0.019 (J)	
2/20/2024		<0.04

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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)	
8/15/2023	0.03 (J)	
2/20/2024		0.025 (J)

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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	
8/15/2023	0.068	
2/20/2024		0.066

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III

Plant Hammond 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	
8/14/2023	0.019 (J)	
2/20/2024		0.048

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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	
8/15/2023	0.06	
2/20/2024		0.031 (J)

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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)	
8/14/2023	0.039 (J)	
2/21/2024		0.04

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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)	
8/15/2023	0.03 (J)	
2/21/2024		0.027 (J)

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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)	
8/15/2023	0.031 (J)	
2/21/2024		0.032 (J)

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III

Plant Hammond Data: Huffaker Road Landfill

	GWC-9	GWC-9
3/23/2016	<0.04	
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)	
8/15/2023	0.022 (J)	
2/20/2024		<0.04

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III

Plant Hammond 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)	
8/14/2023	17.2	
2/19/2024		17.9

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III

Plant Hammond 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	
8/14/2023	21.8	
2/19/2024		21.4

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III

Plant Hammond 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	
8/14/2023	53.1	
2/19/2024		54

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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	
8/14/2023	57.2	
2/19/2024		59

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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	
8/14/2023	73.5	
2/19/2024		81.3

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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	
8/14/2023	39.8	
2/19/2024		44.8

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III

Plant Hammond 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	
8/15/2023	41	
2/20/2024		42.4

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III

Plant Hammond 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	
8/15/2023	44.6	
2/20/2024		47.5

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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	
8/15/2023	63.5	
2/20/2024		67.1

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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	
8/15/2023	31.5	
2/20/2024		22.5

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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	
8/15/2023	47.3	
2/20/2024		46.8

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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	
8/14/2023	40.7	
2/20/2024		53.7

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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	
8/15/2023	75.8	
2/20/2024		78.7

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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	
8/14/2023	69.1	
2/21/2024		66.7

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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	
8/15/2023	18.4	
2/21/2024		16.5

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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	
8/15/2023	70.5	
2/21/2024		77.4

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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	
8/15/2023	37.6	
2/20/2024		38.9

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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	
8/14/2023	0.99 (J)	
2/19/2024		1.2

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III

Plant Hammond 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	
8/14/2023	1	
2/19/2024		1.2

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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	
8/14/2023	2.2	
2/19/2024		2.3

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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	
8/14/2023	1.3	
2/19/2024		1.2

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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	
8/14/2023	2.5	
2/19/2024		3.6

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III

Plant Hammond 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	
8/14/2023	1	
2/19/2024		1.2

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III

Plant Hammond 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)	
8/15/2023	0.85 (J)	
2/20/2024		1

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III

Plant Hammond 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	
8/15/2023	1.1	
2/20/2024		1.3

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III

Plant Hammond 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	
8/15/2023	1.1	
2/20/2024		1.3

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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	
8/15/2023	5.3	
2/20/2024		5

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III

Plant Hammond 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	
8/15/2023	0.95 (J)	
2/20/2024		1.3

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III

Plant Hammond 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	
8/14/2023	1.1	
2/20/2024		0.98 (J)

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III

Plant Hammond 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	
8/15/2023	2.1	
2/20/2024		2.2

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III

Plant Hammond 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	
8/14/2023	1.6	
2/21/2024		1.7

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III

Plant Hammond 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	
8/15/2023	1.7	
2/21/2024		1.9

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III

Plant Hammond 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	
8/15/2023	1.6	
2/21/2024		2

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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)	
8/15/2023	0.65 (J)	
2/20/2024		0.89 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III

Plant Hammond 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	
8/14/2023	0.076 (J)	
2/19/2024		0.074 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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	<0.1	
3/24/2017	0.01 (J)	
10/5/2017	<0.1	
3/15/2018	<0.1	
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)	
8/14/2023	0.066 (J)	
2/19/2024		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III

Plant Hammond 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	
8/14/2023	0.08 (J)	
2/19/2024		0.079 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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	
8/14/2023	0.089 (J)	
2/19/2024		0.081 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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	
8/14/2023	0.11	
2/19/2024		0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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)	
8/14/2023	0.077 (J)	
2/19/2024		0.074 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III

Plant Hammond 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	
8/15/2023	0.1	
2/20/2024		0.11

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III

Plant Hammond 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	
8/15/2023	0.092 (J)	
2/20/2024		0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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)	
8/15/2023	0.055 (J)	
2/20/2024		0.051 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III

Plant Hammond 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)	
8/15/2023	<0.1	
2/20/2024		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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)	
8/15/2023	0.065 (J)	
2/20/2024		0.053 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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	
8/14/2023	0.075 (J)	
2/20/2024		0.084 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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)	
8/15/2023	0.052 (J)	
2/20/2024		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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)	
8/14/2023	0.054 (J)	
2/21/2024		0.051 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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	
8/15/2023	0.13	
2/21/2024		0.14

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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	
8/15/2023	0.13	
2/21/2024		0.11

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III

Plant Hammond 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	
8/15/2023	0.06 (J)	
2/20/2024		0.069 (J)

Prediction Limit

Constituent: pH (SU) Analysis Run 4/29/2024 6:38 PM View: Appendix III

Plant Hammond 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	
8/14/2023	7.22	
2/19/2024		7.11

Prediction Limit

Constituent: pH (SU) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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	
8/14/2023	6.99	
2/19/2024		6.94

Prediction Limit

Constituent: pH (SU) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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	
8/14/2023	6.91	
2/19/2024		6.84

Prediction Limit

Constituent: pH (SU) Analysis Run 4/29/2024 6:38 PM View: Appendix III

Plant Hammond 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	
8/14/2023	6.54	
2/19/2024		6.74

Prediction Limit

Constituent: pH (SU) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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	
8/14/2023	6.74	
2/19/2024		6.95

Prediction Limit

Constituent: pH (SU) Analysis Run 4/29/2024 6:38 PM View: Appendix III

Plant Hammond 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	
8/14/2023	7.48	
2/19/2024		7.48

Prediction Limit

Constituent: pH (SU) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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	
8/15/2023	7.63	
2/20/2024		7.64

Prediction Limit

Constituent: pH (SU) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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	
8/15/2023	7.61	
2/20/2024		7.51

Prediction Limit

Constituent: pH (SU) Analysis Run 4/29/2024 6:38 PM View: Appendix III

Plant Hammond 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	
8/15/2023	7.54	
2/20/2024		7.58

Prediction Limit

Constituent: pH (SU) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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	
8/15/2023	6.17	
2/20/2024		6.46

Prediction Limit

Constituent: pH (SU) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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	
8/15/2023	7.68	
2/20/2024		7.61

Prediction Limit

Constituent: pH (SU) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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	
8/14/2023	7.21	
2/20/2024		7.11

Prediction Limit

Constituent: pH (SU) Analysis Run 4/29/2024 6:38 PM View: Appendix III

Plant Hammond 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	
8/15/2023	6.85	
2/20/2024		7.1

Prediction Limit

Constituent: pH (SU) Analysis Run 4/29/2024 6:38 PM View: Appendix III

Plant Hammond 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	
8/14/2023	7.68	
11/8/2023	7.15	
2/21/2024		7.3

Prediction Limit

Constituent: pH (SU) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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	
8/15/2023	5.94	
2/21/2024		5.74

Prediction Limit

Constituent: pH (SU) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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	
8/15/2023	7.34	
2/21/2024		7.48

Prediction Limit

Constituent: pH (SU) Analysis Run 4/29/2024 6:38 PM View: Appendix III

Plant Hammond 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	
8/15/2023	7.09	
2/20/2024		7.1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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	
8/14/2023	3.9	
2/19/2024		5.1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III

Plant Hammond 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	
8/14/2023	8.9	
2/19/2024		9.9

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III

Plant Hammond 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	
8/14/2023	23.4	
2/19/2024		23.7

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III

Plant Hammond 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 (o)	
2/1/2017	190 (o)	
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	
8/14/2023	72.3	
2/19/2024		103

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III

Plant Hammond 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	
8/14/2023	122	
2/19/2024		138

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III

Plant Hammond 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	
8/14/2023	9	
2/19/2024		10.8

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III

Plant Hammond 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	
8/15/2023	7.7	
2/20/2024		9.1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III

Plant Hammond 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	
8/15/2023	19.1	
2/20/2024		24.3

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III

Plant Hammond 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
8/15/2023		67.1
2/20/2024		71

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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	
8/15/2023	18.9	
2/20/2024		23.8

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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	
8/15/2023	5.6	
2/20/2024		7.3

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III

Plant Hammond 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 (o)	
3/27/2017	43 (o)	
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	
8/14/2023	4.6	
2/20/2024		18.6

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III

Plant Hammond 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 (o)	
3/23/2017	130 (o)	
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	
8/15/2023	77.2	
2/20/2024		98.1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III

Plant Hammond 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	
8/14/2023	99.5	
2/21/2024		91.9

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III

Plant Hammond 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	
8/15/2023	122	
2/21/2024		122

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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	
8/15/2023	28.1	
2/21/2024		48.3

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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	
8/15/2023	63.9	
2/20/2024		78.2

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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	
8/14/2023	98	
2/19/2024		107

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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	
8/14/2023	107	
2/19/2024		193

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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	
8/14/2023	266	
2/19/2024		370

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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 (o)	
2/1/2017	615 (o)	
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	
8/14/2023	341	
2/19/2024		380

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond Data: Huffaker Road Landfill

	GWA-4	GWA-4
3/22/2016	686 (o)	
5/17/2016	533	
7/6/2016	646 (o)	
9/7/2016	493	
10/18/2016	455	
12/6/2016	597 (o)	
2/1/2017	638 (o)	
3/24/2017	579 (o)	
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	
8/14/2023	429	
2/19/2024		433

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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	
8/14/2023	162	
2/19/2024		198

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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	
8/15/2023	193	
2/20/2024		250

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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	
8/15/2023	227	
2/20/2024		306

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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	
8/15/2023	291	
2/20/2024		369

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III

Plant Hammond 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)	
8/15/2023	152	
2/20/2024		126

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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	
8/15/2023	212	
2/20/2024		220

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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	
8/14/2023	163	
2/20/2024		263

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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	
8/15/2023	428	
2/20/2024		407

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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	
8/14/2023	368	
2/21/2024		275

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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	
8/15/2023	267	
2/21/2024		310

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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	
8/15/2023	280	
2/21/2024		<25

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/29/2024 6:38 PM View: Appendix III
Plant Hammond 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	
8/15/2023	246	
2/20/2024		301

FIGURE G.

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

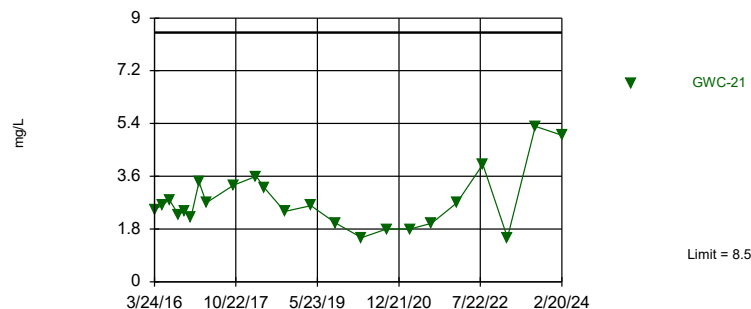
Plant Hammond Data: Huffaker Road Landfill Printed 4/29/2024, 6:39 PM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg</u>	<u>NB</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>%NDs</u>	<u>ND Adj.</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Chloride (mg/L)	GWC-21	8.5	n/a	2/20/2024	5	No	110	n/a	n/a	0	n/a	n/a	n/a	0.0001633	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-19	302.3	n/a	2/20/2024	24.3	No	108	n/a	n/a	0	n/a	n/a	n/a	0.000169	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-19	533	n/a	2/20/2024	306	No	103	n/a	n/a	0	n/a	n/a	n/a	0.0001834	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-20	533	n/a	2/20/2024	369	No	103	n/a	n/a	0	n/a	n/a	n/a	0.0001834	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-9	533	n/a	2/20/2024	301	No	103	n/a	n/a	0	n/a	n/a	n/a	0.0001834	NP Inter (normality) 1 of 2

Within Limit

Prediction Limit

Interwell Non-parametric



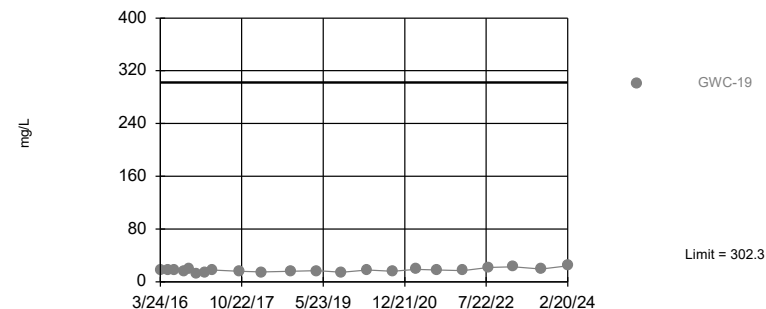
Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 110 background values. Annual per-constituent alpha = 0.003911. Individual comparison alpha = 0.0001633 (1 of 2). Assumes 11 future values.

Constituent: Chloride Analysis Run 4/29/2024 6:38 PM View: Appendix III - Two-Step
Plant Hammond Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Interwell Non-parametric



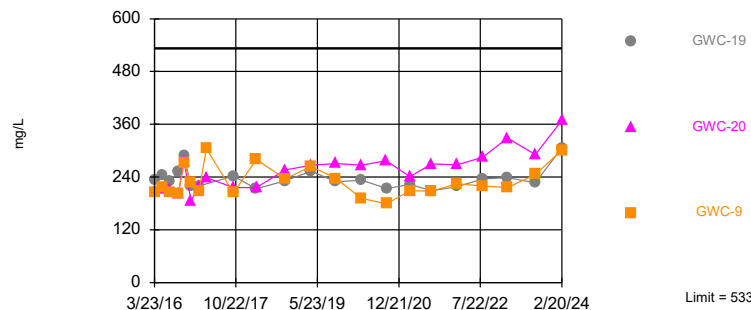
Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 108 background values. Annual per-constituent alpha = 0.004049. Individual comparison alpha = 0.000169 (1 of 2). Assumes 11 future values.

Constituent: Sulfate Analysis Run 4/29/2024 6:38 PM View: Appendix III - Two-Step
Plant Hammond 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 103 background values. Annual per-constituent alpha = 0.004393. Individual comparison alpha = 0.0001834 (1 of 2). Comparing 3 points to limit. Assumes 9 future values.

Constituent: Total Dissolved Solids Analysis Run 4/29/2024 6:38 PM View: Appendix III - Two-Step
Plant Hammond Data: Huffaker Road Landfill

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/29/2024 6:39 PM View: Appendix III - Two-Step

Plant Hammond Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-4 (bg)	GWA-2 (bg)	GWA-11 (bg)	GWA-3 (bg)	GWC-21
3/22/2016	1.1933	5.549	2.0975	1.3137	4.0352	
3/24/2016						2.461
5/17/2016	1.14	6.74	2.1	1.29	3.81	
5/18/2016						2.61
7/5/2016	1.4		2.4		4	
7/6/2016		5.2		1.6		
7/7/2016						2.8
9/7/2016	1	7.2	2.5	1.5	4.2	
9/8/2016						2.3
10/18/2016	1.1	7.4	2.7	1.6	4.4	
10/19/2016						2.4
12/6/2016	1	7.6		1.2	4.6	
12/7/2016			2.6			2.2
1/31/2017	1.2		2.5			
2/1/2017		8.5		2.1	3.7	
2/2/2017						3.4
3/23/2017	1.1		2		3.5	
3/24/2017		7		1.3		
3/27/2017						2.7
10/4/2017	1.1	7.4	2.2		3.6	
10/5/2017				1.3		3.3
3/14/2018	1.2		2.4			
3/15/2018		1.7		1.6	3.8	3.6
5/15/2018						3.2
10/4/2018	1.4	6.1	2.5	1.8	3.4	2.4
4/5/2019					4.2	
4/8/2019	1.1	3.6	2.6	1.3		
4/9/2019						2.6
9/30/2019	1.4	7.5	3	1.5	4.1	
10/1/2019						2
3/26/2020	1.1	5.4	2	1.4	2.6	
3/31/2020						1.5
9/21/2020			2.1			
9/22/2020				1		
9/23/2020	1.6	4.2			2.8	
9/24/2020						1.8
3/8/2021	1.1	5.6		1.3	2.8	
3/9/2021			2.1			1.8
8/9/2021	1.1	3	2.4		2.1	
8/10/2021				1.2		2
2/4/2022	0.99 (J)	3.3 (M1)	2.3	1.2	1.1	
2/7/2022						2.7
8/8/2022	1.2	2.4	2.5	1.3	1.9	
8/9/2022						4
1/30/2023	1.1	3.4	2.2	1.2	1.2	
1/31/2023						1.5
8/14/2023	0.99 (J)	2.5	2.2	1	1.3	
8/15/2023						5.3
2/19/2024	1.2	3.6	2.3	1.2	1.2	
2/20/2024						5

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/29/2024 6:39 PM View: Appendix III - Two-Step
Plant Hammond 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 (o)		12	
12/7/2016				15		13
1/31/2017	5.1			13		
2/1/2017		200	190 (o)		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
8/14/2023	3.9	122	72.3	23.4	8.9	
8/15/2023						19.1
2/19/2024	5.1	138	103	23.7	9.9	
2/20/2024						24.3

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/29/2024 6:39 PM View: Appendix III - Two-Step

Plant Hammond Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-3 (bg)	GWA-2 (bg)	GWA-11 (bg)	GWC-20	GWC-9	GWC-19	GWA-4 (bg)
3/22/2016	78	451	233	112				686 (o)
3/23/2016					208	204		
3/24/2016							232	
5/17/2016	67	430	197	121				533
5/18/2016					213		245	
5/19/2016						215		
7/5/2016	87	418	218					
7/6/2016				98		204	231	646 (o)
7/7/2016					212			
9/7/2016	125	443	240	128				493
9/8/2016					201	201	252	
10/18/2016	133	415	221	115			288	455
10/19/2016					276	272		
12/6/2016	151	653 (o)		153				597 (o)
12/7/2016			235		186		220	
12/8/2016						227		
1/31/2017	135		253					
2/1/2017		615 (o)		183				638 (o)
2/2/2017						209	220	
2/3/2017					219			
3/23/2017	72	506	190					
3/24/2017				121				579 (o)
3/27/2017					239	305	393 (o)	
10/4/2017	91	492	192					440
10/5/2017				113	216	204	242	
3/14/2018	99		204					
3/15/2018		448		115		280	213	381
3/16/2018					216			
10/4/2018	112	472	233	135			231	490
10/5/2018					256	236		
4/5/2019		456						
4/8/2019	91		209	142		264		522
4/9/2019					267		253	
9/30/2019	126	475	242	134				455
10/1/2019					271	237	229	
3/26/2020	73	450	222	76				466
3/27/2020						192		
3/31/2020					267		233	
9/21/2020			204					
9/22/2020				107				
9/23/2020	117	473			277			421
9/24/2020						179		
9/28/2020							214	
3/8/2021	96	415		107				460
3/9/2021			227 (D6)			209		
3/10/2021					241		223 (D6)	
8/9/2021	96	416	245					371
8/10/2021				107	270	208	209	
2/4/2022	107	325	245	125		225		496
2/7/2022					268		218	
8/8/2022	99	348	249	119				360
8/9/2022					285	220	236	

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/29/2024 6:39 PM View: Appendix III - Two-Step
Plant Hammond Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-3 (bg)	GWA-2 (bg)	GWA-11 (bg)	GWC-20	GWC-9	GWC-19	GWA-4 (bg)
1/30/2023	94	367	263	130				459
1/31/2023					329	216	239	
8/14/2023	98	341	266	107				429
8/15/2023					291	246	227	
2/19/2024	107	380	370	193				433
2/20/2024					369	301	306	

FIGURE H.

Appendix III Trend Test Summary - Significant Results

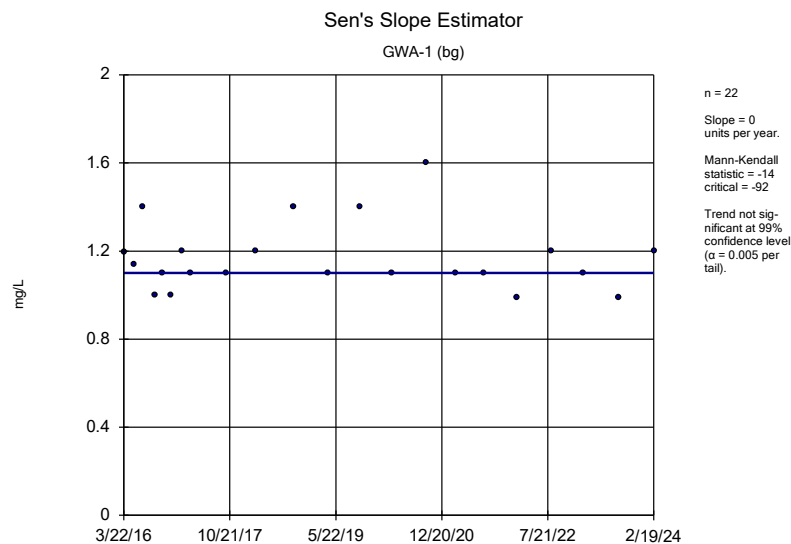
Plant Hammond Data: Huffaker Road Landfill Printed 4/29/2024, 6:40 PM

<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>Alpha</u>	<u>Method</u>
Chloride (mg/L)	GWA-3 (bg)	-0.3761	-148	-92	Yes	22	0	n/a	0.01	NP
Chloride (mg/L)	GWA-4 (bg)	-0.5252	-93	-92	Yes	22	0	n/a	0.01	NP
Sulfate (mg/L)	GWA-11 (bg)	-0.3654	-107	-92	Yes	22	0	n/a	0.01	NP
Sulfate (mg/L)	GWA-2 (bg)	1.15	142	92	Yes	22	0	n/a	0.01	NP
Sulfate (mg/L)	GWA-4 (bg)	-10.97	-96	-92	Yes	22	0	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-2 (bg)	6.476	106	92	Yes	22	0	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWC-20	13.77	157	92	Yes	22	0	n/a	0.01	NP

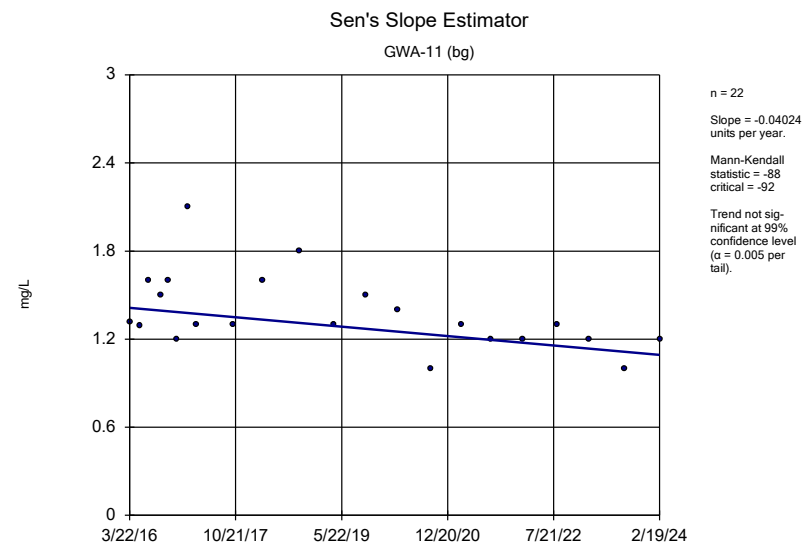
Appendix III Trend Test Summary - All Results

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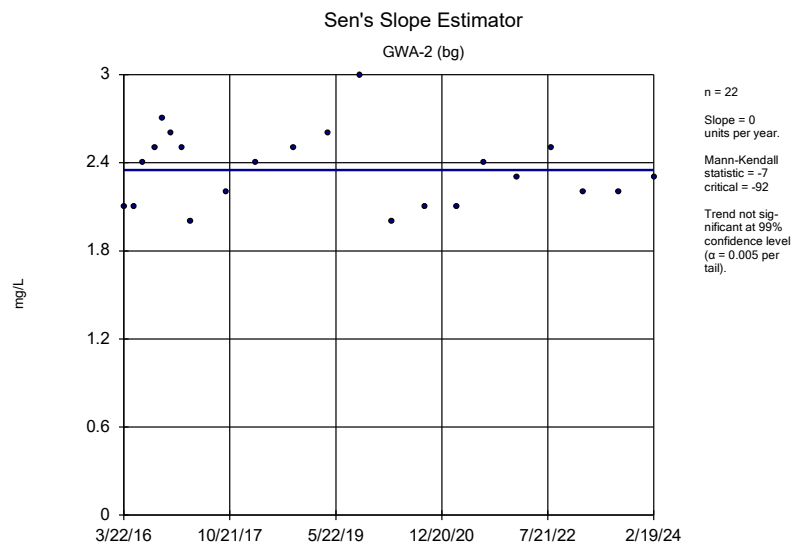
<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Normality</u>	<u>Alpha</u>	<u>Method</u>
Chloride (mg/L)	GWA-1 (bg)	0	-14	-92	No	22	0	n/a	0.01	NP
Chloride (mg/L)	GWA-11 (bg)	-0.04024	-88	-92	No	22	0	n/a	0.01	NP
Chloride (mg/L)	GWA-2 (bg)	0	-7	-92	No	22	0	n/a	0.01	NP
Chloride (mg/L)	GWA-3 (bg)	-0.3761	-148	-92	Yes	22	0	n/a	0.01	NP
Chloride (mg/L)	GWA-4 (bg)	-0.5252	-93	-92	Yes	22	0	n/a	0.01	NP
Chloride (mg/L)	GWC-21	0	-2	-98	No	23	0	n/a	0.01	NP
Sulfate (mg/L)	GWA-1 (bg)	0	-10	-92	No	22	0	n/a	0.01	NP
Sulfate (mg/L)	GWA-11 (bg)	-0.3654	-107	-92	Yes	22	0	n/a	0.01	NP
Sulfate (mg/L)	GWA-2 (bg)	1.15	142	92	Yes	22	0	n/a	0.01	NP
Sulfate (mg/L)	GWA-3 (bg)	-4.702	-79	-81	No	20	0	n/a	0.01	NP
Sulfate (mg/L)	GWA-4 (bg)	-10.97	-96	-92	Yes	22	0	n/a	0.01	NP
Sulfate (mg/L)	GWC-19	0.5781	75	92	No	22	0	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-1 (bg)	1.065	17	92	No	22	0	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-11 (bg)	0	3	92	No	22	0	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-2 (bg)	6.476	106	92	Yes	22	0	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-3 (bg)	-12.06	-69	-81	No	20	0	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-4 (bg)	-8.547	-43	-63	No	17	0	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWC-19	-0.8368	-20	-87	No	21	0	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWC-20	13.77	157	92	Yes	22	0	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWC-9	1.777	31	92	No	22	0	n/a	0.01	NP



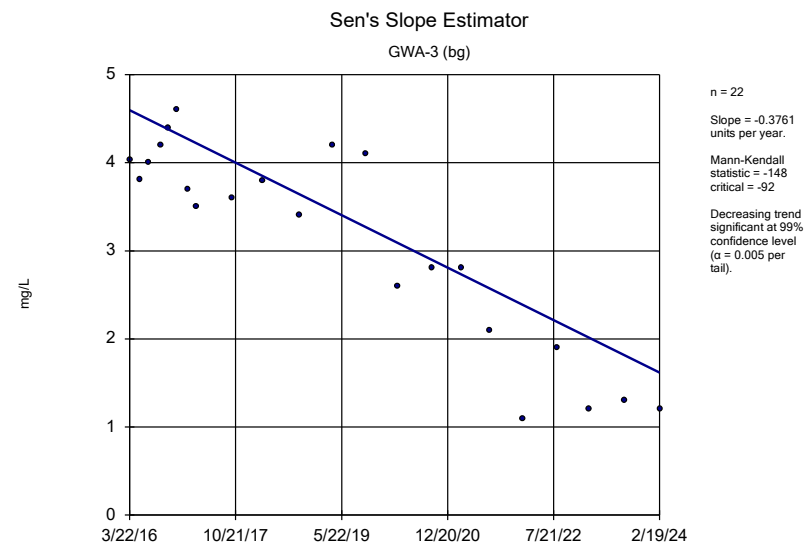
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Plant Hammond Data: Huffaker Road Landfill



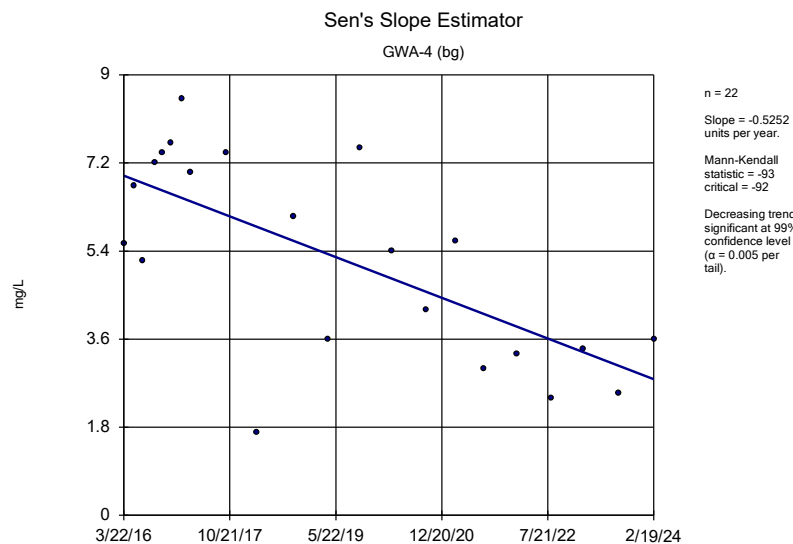
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Plant Hammond Data: Huffaker Road Landfill



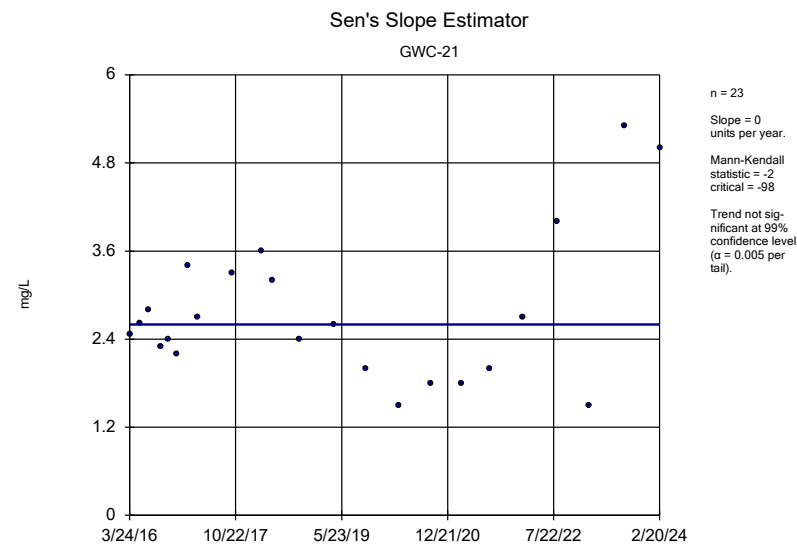
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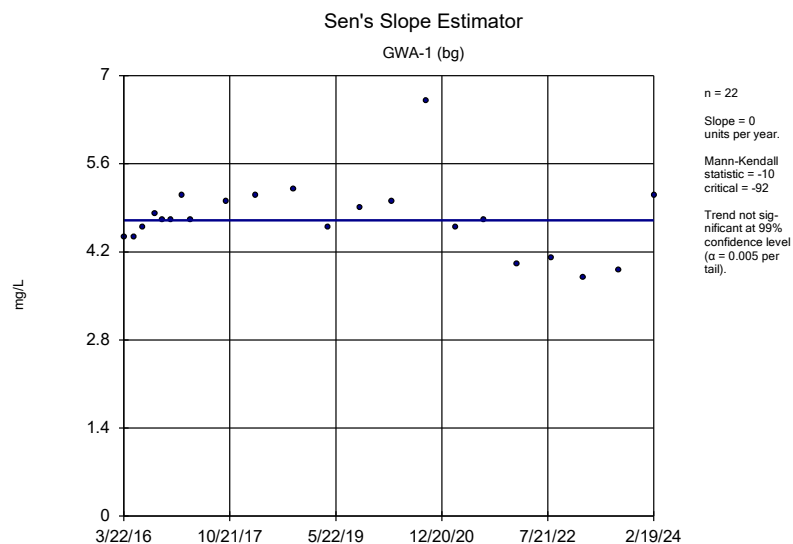
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Plant Hammond Data: Huffaker Road Landfill



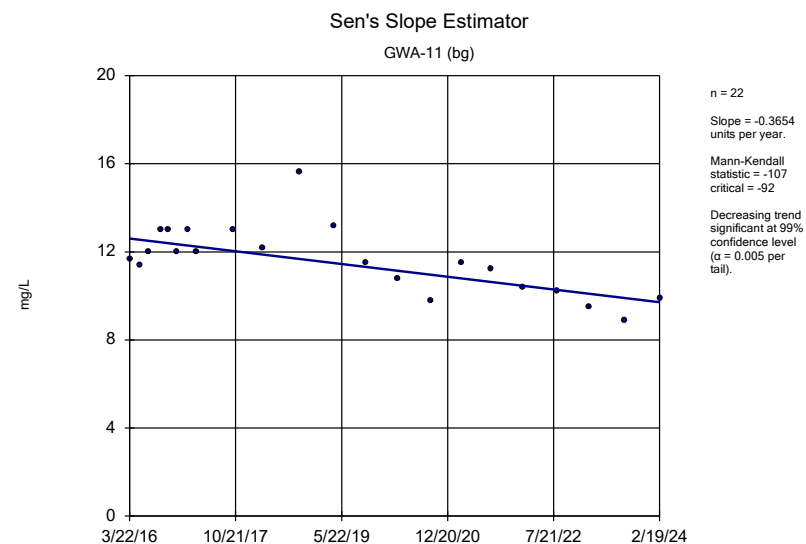
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Plant Hammond Data: Huffaker Road Landfill



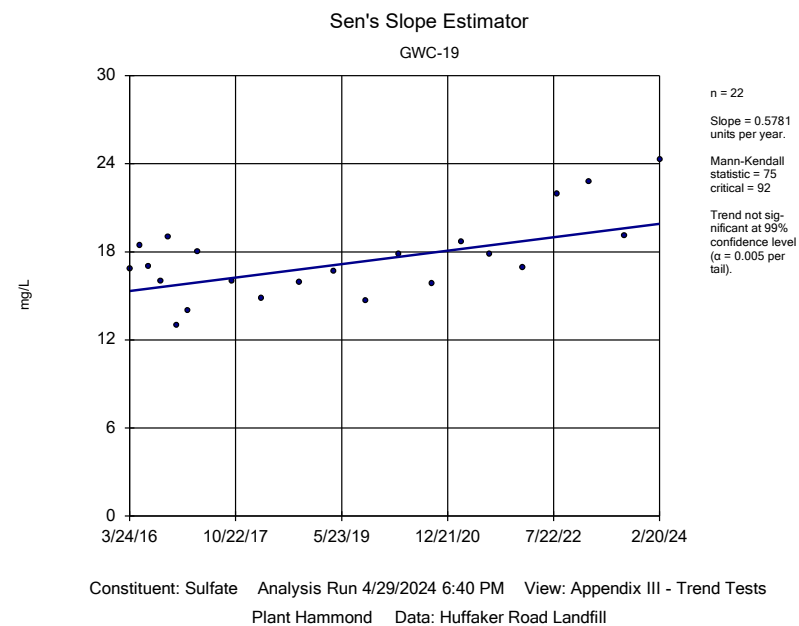
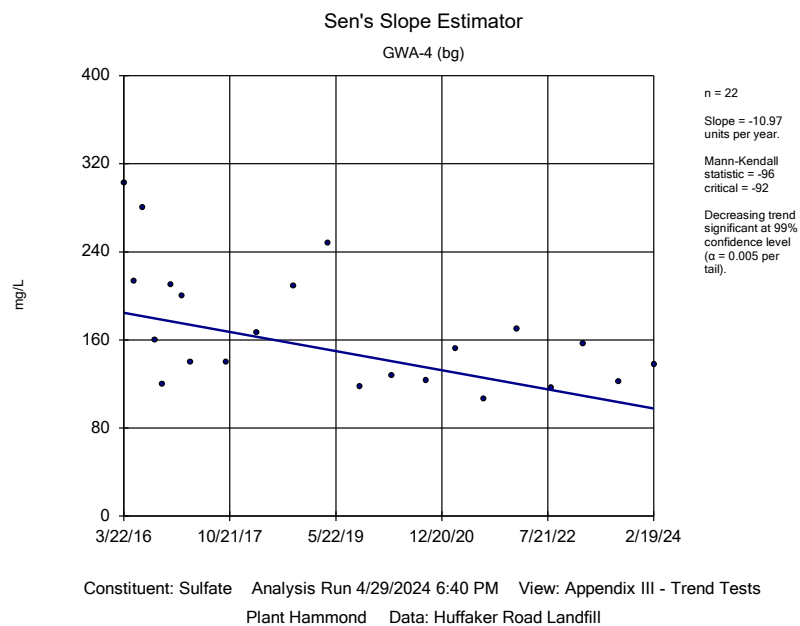
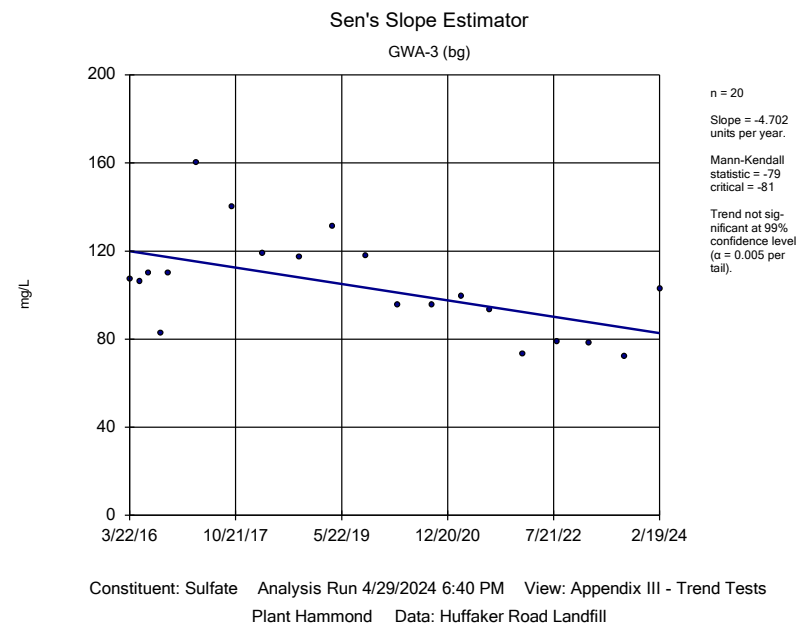
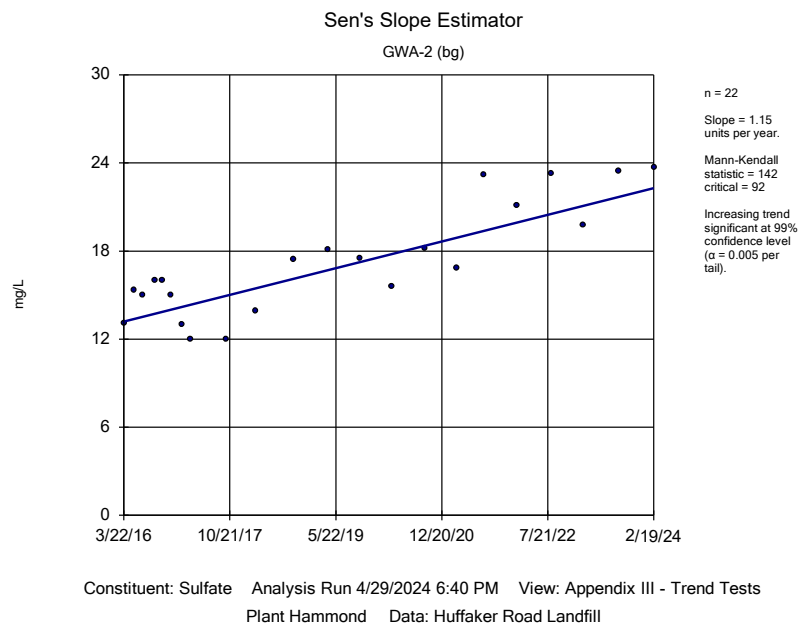
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Plant Hammond Data: Huffaker Road Landfill

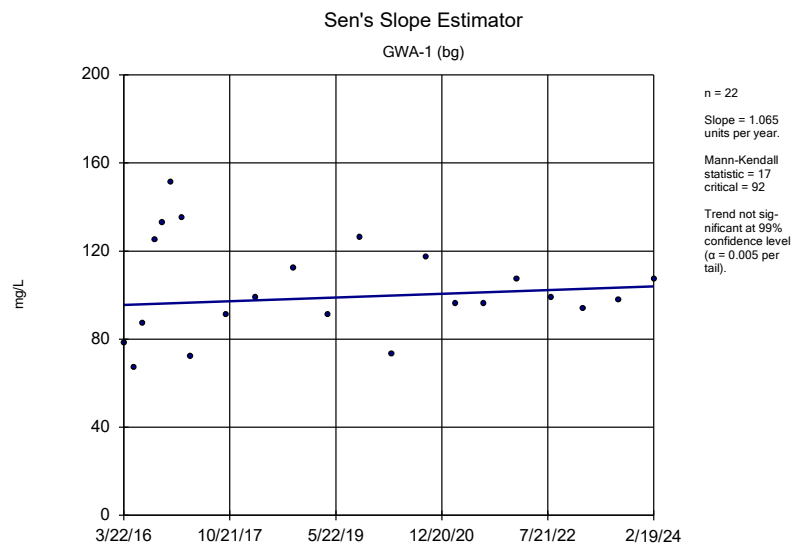


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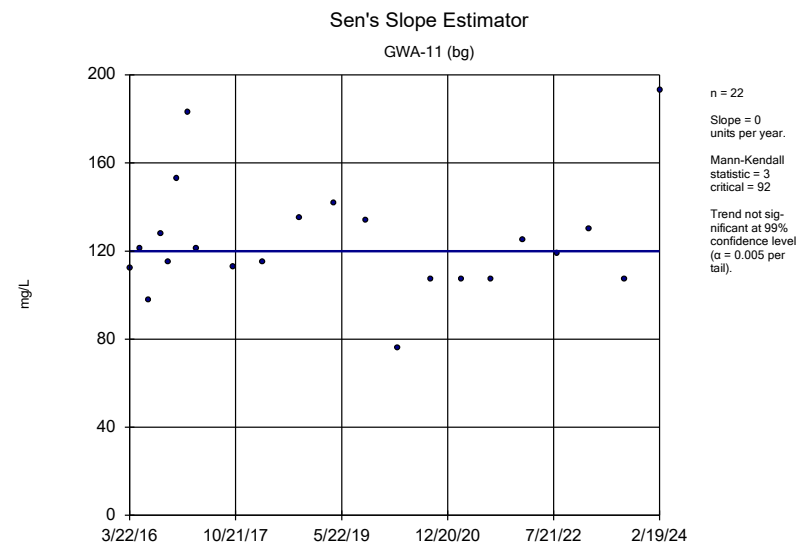


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Plant Hammond Data: Huffaker Road Landfill

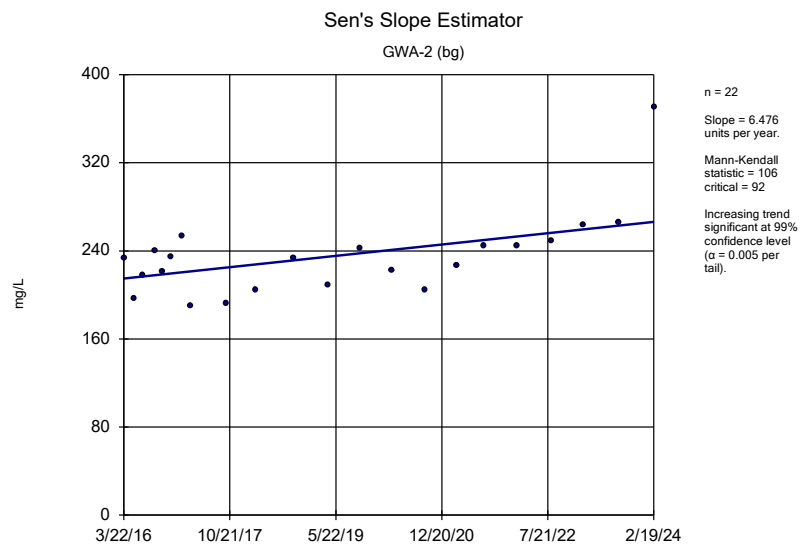




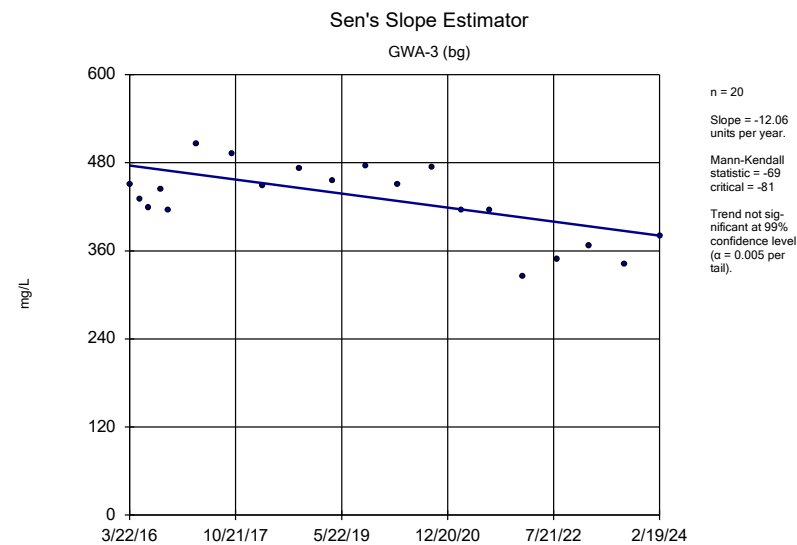
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Plant Hammond Data: Huffaker Road Landfill



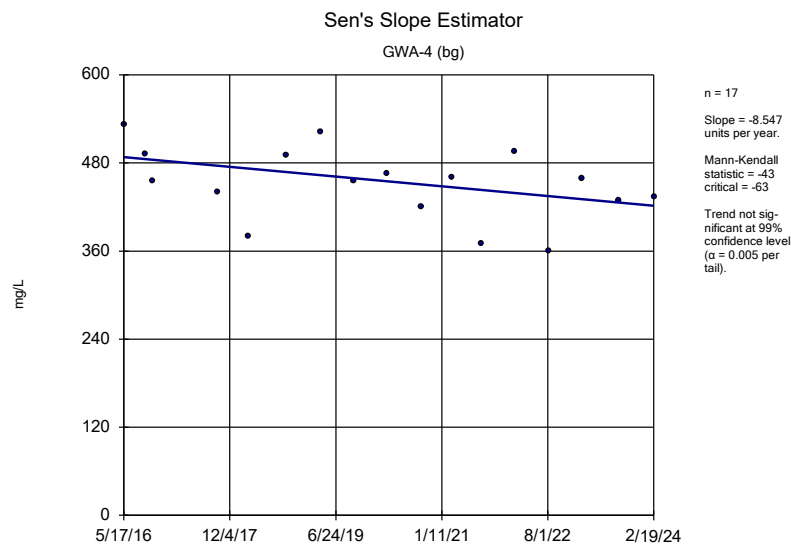
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Plant Hammond Data: Huffaker Road Landfill



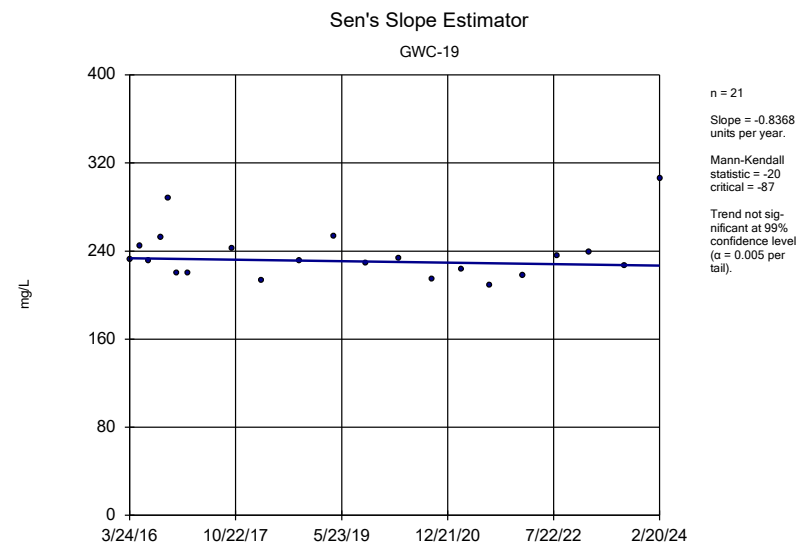
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Plant Hammond Data: Huffaker Road Landfill



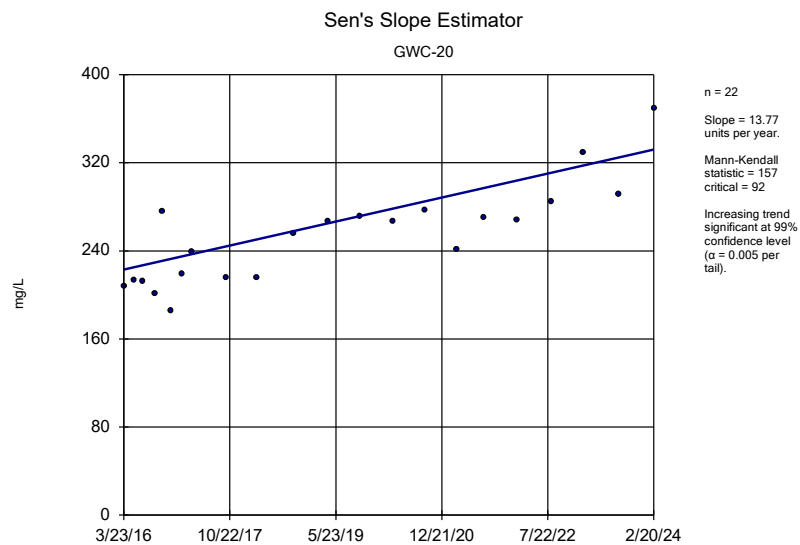
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Plant Hammond Data: Huffaker Road Landfill



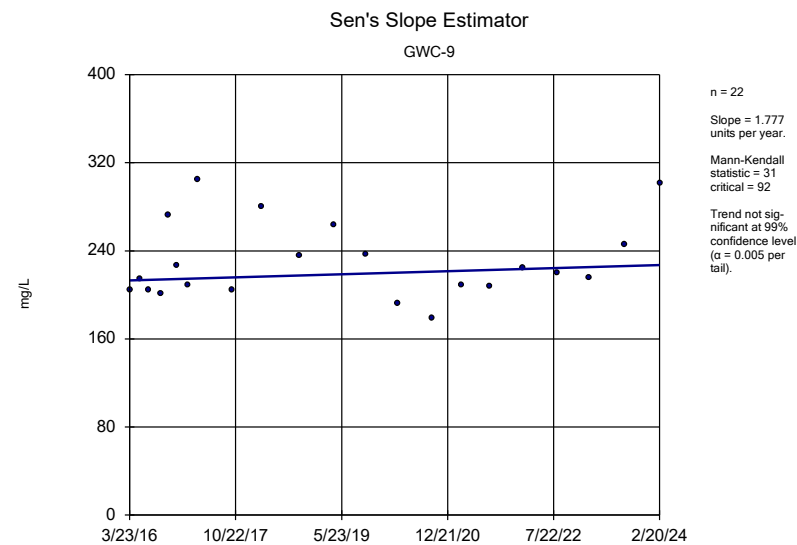
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Plant Hammond Data: Huffaker Road Landfill



Constituent: Total Dissolved Solids Analysis Run 4/29/2024 6:40 PM View: Appendix III - Trend Tests
Plant Hammond Data: Huffaker Road Landfill



Constituent: Total Dissolved Solids Analysis Run 4/29/2024 6:40 PM View: Appendix III - Trend Tests
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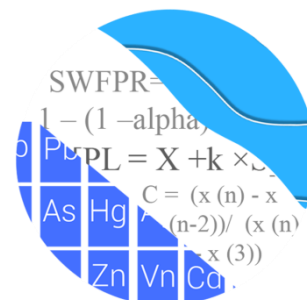
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Plant Hammond Data: Huffaker Road Landfill

August 2024

GROUNDWATER STATS CONSULTING

January 31, 2025

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 – August 2024

Dear Ms. Jurinko,

Groundwater Stats Consulting, formerly the statistical consulting division of Sanitas Technologies, is pleased to provide the August 2024 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 Kristina Rayner, Senior Statistician and Founder of 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. Note that due to elevated historic reporting limits, the current reporting limit for arsenic of 0.005 mg/L was substituted across all wells in order to maintain statistical limits that are conservative from a regulatory perspective.

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: 15 (all Appendix I parameters)
- # 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 for parametric limits. This technique adjusts the mean and standard deviation of the historical concentrations to account for concentrations below the reporting limit.
- Nonparametric prediction limits are used on data containing greater than 50% non-detects.

Natural systems continuously evolve due to physical changes made to the environment. Examples include capping a landfill, paving areas near a well, or lining a drainage channel to prevent erosion. Periodic updating of background statistical limits is necessary to accommodate these types of changes. In the interwell case, prediction limits are updated with upgradient well data during each event after careful screening for any new outliers. In the intrawell case, data for all wells and constituents may re-evaluated when a minimum of 4 new data points 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 spatial 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 spatial variation rather than facility impacts. A second step can be used to further evaluate those exceedances and reduce the overall number of SSIs that result from spatial variation. In instances where intrawell statistical methods identify an apparent SSI, a second step of

interwell statistical evaluation may be used to determine whether the measurement exceeds the sitewide background limit based on pooled upgradient well data. This is similar in concept to the procedure used in compliance monitoring programs where an interwell statistical limit is used to determine “background” (USEPA Unified Guidance (2009), Chapter 7, Section 7.5). For the detection monitoring program, if the result does not exceed sitewide (interwell) background, an SSI is not declared.

When the result exceeds the sitewide (interwell) background, the 1-of-2 resample plan allows for collection of an independent resample to confirm 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 spatial variation rather than facility impact to groundwater. If a facility impact has occurred, it will likely result in additional exceedances in future sampling events. When a statistically significant increasing trend is noted, additional data may be needed to determine whether the initial intrawell statistical exceedance is a result of spatial 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.

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 spatial 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 spatial variation. The trends for cobalt, nickel, and zinc are decreasing, and using only the more recent data results would reduce variation prior to constructing 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 spatial 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

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 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 2024

Data sets were previously evaluated in the 1st semi-annual 2024 report for updating statistical limits with data through August 2023 and the results of the updates were included with that report. A summary of the 2024 update is discussed below.

Outlier Testing

Prior to updating background data, Tukey's outlier test and visual screening were used to evaluate Appendix III constituents from both upgradient and downgradient wells through August 2023, except for pH at downgradient well GWC-6 which was screened through November 2023 due to a resample that was collected at that time. 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 spatial variation. Visual screening and Tukey's outlier test confirmed previously flagged values. Values not identified by Tukey's test but flagged in the data base (such as high values for sulfate at upgradient well GWA-3 and downgradient wells GWC-5 and GWC-23, and TDS at upgradient wells GWA-3 and GWA-4), were flagged in order to maintain conservative statistical limits. 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 August 2021 for Appendix I and III constituents and to the new compliance samples at each well through August 2023, and through November 2023 for pH at downgradient well GWC-6. Any records that were truncated during previous updates to construct statistical limits representative of present-day groundwater quality conditions were evaluated using curtailed portions of their respective records for comparison of the more recent set of measurements through August 2023 with the Mann-Whitney test. Discussions of any truncated records were included in previous background update reports. When the Mann-Whitney test determines 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 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 changes to resulting statistical limits were marginal. Additionally, recorded observations for well/constituent pairs with significant differences were similar to or lower than concentrations found upgradient of the facility. Exceptions where compliance concentrations were outside the range of historic observations include barium and chloride at upgradient well GWA-3. Since these concentrations are upgradient of the facility, the measurements are assumed to represent background conditions unrelated to the facility.

Although not identified by the Mann-Whitney test to have a statistically significant decrease in median concentrations, the following records had earlier portions of the record truncated to reduce variability among background data and construct a statistical limit that is both more conservative from a regulatory perspective and representative of present-day groundwater quality conditions:

- Barium: GWA-4 (upgradient)
- Beryllium: GWC-7

All records were eligible for updating using data through August 2023, and the record for pH at well GWC-6 was updated through November 2023. A summary of special cases with background data sets utilizing a truncated portion of their record follows this letter. Any adjustments are shown in the Date Range Table in addition to adjustments listed from previous updates.

Evaluation of Georgia EPD Appendix I and CCR Appendix III Constituents – August 2024

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 spatial variation for a release from the facility.

In cases where downgradient average concentrations are higher than observed upgradient concentrations for a given constituent where intrawell analyses are recommended, the current assumption is that this is due to spatial variation rather than a result of practices at the landfill. Validation of this assumption requires a separate analysis or investigation that is beyond the scope of this data screening study.

During this analysis, well/constituent pairs with previously truncated records were updated to use background data through the August 2023 sample event. No significant changes occurred to the prediction limits as a result of the background update.

Evaluation of Georgia EPD Appendix I Parameters – August 2024

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 2023, except for the cases mentioned above (Figure D). The August 2024 compliance data were compared to these intrawell background limits. No statistical analyses were included for well/constituent pairs with 100% non-detects. Note that the reporting limit for nickel at upgradient well GWA-11 decreased from 0.01 mg/L to 0.005 mg/L and resulted in the prediction limit decreasing from 0.01 mg/L to 0.005 mg/L. No significant changes occurred as a result of the prediction limit decrease.

A summary of the Georgia EPD Appendix I intrawell prediction limits follows this report and an exceedance was identified for the following well/constituent pair:

- Barium: GWC-20

Note that when the upper limit for barium is rounded to the same number of significant figures as the August 2024 observation at downgradient well GWC-20, the limit and observation are equal.

Two-Step Approach

Following the Two-Step approach, interwell prediction limits are constructed using pooled upgradient well data for any apparent intrawell prediction limit exceedances among downgradient wells to further evaluate the exceedance. An interwell prediction limit was

constructed using data through August 2024 to evaluate the initial exceedance for barium at downgradient well GWC-20 (Figure E). No exceedance was identified.

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-20

Decreasing:

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

Evaluation of CCR Appendix III Parameters – August 2024

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 2023 (Figure G). The August 2024 sample from each downgradient well is compared to the background limit to determine whether there are exceedances over background. Note that the reporting limit for boron at upgradient well GWA-1 decreased from 0.1 mg/L to 0.04 mg/L; and the reporting limit for fluoride at upgradient well GWA-11 decreased as a result of the Sanitas software substitution of ½ of the reporting limit. Therefore, the respective prediction limits slightly decreased during this analysis. No significant changes occurred as a result of the prediction limits decreasing.

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

- Boron: GWA-11 (upgradient), GWC-5, and GWC-6
- Calcium: GWA-2 (upgradient)
- Chloride: GWC-21
- Sulfate: GWA-2 (upgradient) and GWC-19
- TDS: GWA-1 and GWA-2 (both upgradient)

When exceedances are identified in upgradient wells, such as TDS, it may be an indication that groundwater quality is changing due to spatial variation or off-site influences unrelated to practices at the site.

Two-Step Approach

When interwell prediction limits were constructed for the apparent intrawell prediction limit exceedances in downgradient wells, an exceedance was identified for the following well/constituent pair:

- Chloride: GWC-21

A summary of the two-step interwell prediction limits follows this letter (Figure H).

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:

- Sulfate: GWA-2 (upgradient)

Decreasing:

- Boron: GWA-4 (upgradient)
- Chloride: GWA-3 and GWA-4 (both upgradient)
- Sulfate: GWA-3, GWA-4, and GWA-11 (all upgradient)

Resample Reports – December 2024

Additional data were collected in December 2024 based on the results of the two-step approach for initial prediction limit exceedance of chloride at downgradient well GWC-21. An intrawell prediction limit was constructed using background data through August 2023 to compare the resample which resulted in an exceedance (Figure J). In accordance with the two-step approach, an interwell prediction limit was then constructed using pooled upgradient well data through August 2024 to evaluate the December 2024 resample for chloride at this well (Figure K). No exceedance was identified; therefore, no further action was required.

Summary

Georgia EPD Appendix I Constituents

Based on the result of the Appendix I intrawell prediction limit results followed by the two-step approach, no statistically significant exceedances were identified.

CCR Appendix III Constituents

Based on the results of the Appendix III intrawell prediction limit results followed by the two-step approach and the resample data, no exceedances were identified.

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,



Andrew T. Collins
Project Manager



Kristina L. Rayner
Senior Statistician

Date Ranges

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Date: 10/22/2024 12:14 PM

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Barium (mg/L)

GWA-2 background:4/13/2010-8/14/2023

GWA-4 background:4/13/2010-8/14/2023

GWC-19 background:4/13/2010-8/15/2023

GWC-22 background:4/13/2010-8/15/2023

GWC-6 background:4/13/2010-8/14/2023

GWC-7 background:4/3/2012-8/15/2023

GWC-9 background:4/13/2010-8/15/2023

Beryllium (mg/L)

GWC-7 background:4/5/2011-8/15/2023

Cobalt (mg/L)

GWC-7 background:3/12/2013-8/15/2023

Nickel (mg/L)

GWC-7 background:3/12/2013-8/15/2023

Sulfate (mg/L)

GWC-20 background:4/9/2019-8/15/2023

Zinc (mg/L)

GWC-7 background:3/13/2013-8/15/2023

100% Non-Detects: Appendix I

Analysis Run 10/22/2024 11:28 AM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Antimony (mg/L)

GWA-20, GWC-21, GWC-23

Arsenic (mg/L)

GWA-1, GWA-2, GWC-10, GWC-19, GWC-20, GWC-22, GWC-6

Beryllium (mg/L)

GWA-1, GWA-11, GWA-2, GWA-4, GWC-10, GWC-18, GWC-20, GWC-21, GWC-22, GWC-23, GWC-5, GWC-6, GWC-8, GWC-9

Cadmium (mg/L)

GWA-1, GWA-11, GWA-2, GWA-3, GWC-19, GWC-22, GWC-6

Cobalt (mg/L)

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

Copper (mg/L)

GWA-1

Lead (mg/L)

GWA-1, GWA-2, GWA-4, GWC-9

Selenium (mg/L)

GWA-1, GWA-11, GWA-2, GWA-3, GWC-18, GWC-19, GWC-20, GWC-23, GWC-5, GWC-6, GWC-7, GWC-8

Silver (mg/L)

GWA-1, GWA-11, GWA-2, GWA-3, GWA-4, 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)

GWA-11, GWA-2, GWA-3, GWA-4, 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)

GWA-11, GWA-2, GWA-3, 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 10/22/2024, 12:19 PM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg</u>	<u>NBg</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>%NDs</u>	<u>ND Adj.</u>	<u>TransformAlpha</u>	<u>Method</u>
Barium (mg/L)	GWC-20	0.1591	n/a	8/11/2024	0.16	Yes	42	0.1206		0.01669	0	None	No	0.0002926

Appendix I Intrawell Prediction Limits - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 10/22/2024, 12:19 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	GWA-1	0.003	n/a	8/11/2024	0.003ND	No	42	n/a	n/a	n/a	92.86	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-11	0.003	n/a	8/11/2024	0.003ND	No	42	n/a	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-2	0.003	n/a	8/10/2024	0.003ND	No	41	n/a	n/a	n/a	92.68	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-3	0.003	n/a	8/11/2024	0.003ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-4	0.003	n/a	8/11/2024	0.003ND	No	42	n/a	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-10	0.003	n/a	8/11/2024	0.003ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-18	0.003	n/a	8/12/2024	0.003ND	No	42	n/a	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-19	0.003	n/a	8/12/2024	0.003ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-22	0.003	n/a	8/11/2024	0.003ND	No	42	n/a	n/a	n/a	100	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-5	0.003	n/a	8/12/2024	0.003ND	No	42	n/a	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-6	0.003	n/a	8/12/2024	0.003ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-7	0.003	n/a	8/11/2024	0.0019J	No	41	n/a	n/a	n/a	95.12	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-8	0.003	n/a	8/11/2024	0.003ND	No	40	n/a	n/a	n/a	95	n/a	n/a	0.001159	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-9	0.003	n/a	8/11/2024	0.003ND	No	42	n/a	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-11	0.005	n/a	8/11/2024	0.001J	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-3	0.005	n/a	8/11/2024	0.005ND	No	42	n/a	n/a	n/a	71.43	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-4	0.0065	n/a	8/11/2024	0.005ND	No	42	n/a	n/a	n/a	88.1	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-18	0.005	n/a	8/12/2024	0.005ND	No	42	n/a	n/a	n/a	92.86	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-21	0.005	n/a	8/11/2024	0.005ND	No	40	n/a	n/a	n/a	82.5	n/a	n/a	0.001159	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-23	0.005	n/a	8/12/2024	0.005ND	No	42	n/a	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-5	0.005	n/a	8/12/2024	0.005ND	No	42	n/a	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-7	0.011	n/a	8/11/2024	0.0085	No	41	n/a	n/a	n/a	34.15	n/a	n/a	0.001118	NP Intra (normality) 1 of 2
Arsenic (mg/L)	GWC-8	0.005	n/a	8/11/2024	0.005ND	No	41	n/a	n/a	n/a	73.17	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-9	0.005	n/a	8/11/2024	0.005ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Barium (mg/L)	GWA-1	0.04952	n/a	8/11/2024	0.038	No	42	0.03893	0.004587	0	None	None	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWA-11	0.0425	n/a	8/11/2024	0.031	No	42	n/a	n/a	n/a	0	n/a	n/a	0.001077	NP Intra (normality) 1 of 2
Barium (mg/L)	GWA-2	0.2034	n/a	8/10/2024	0.18	No	33	0.1691	0.01447	0	None	None	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWA-3	0.238	n/a	8/11/2024	0.084	No	42	0.1579	0.03471	0	None	None	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWA-4	0.06004	n/a	8/11/2024	0.04	No	33	0.04531	0.006216	0	None	None	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWC-10	0.2006	n/a	8/11/2024	0.11	No	45	0.1287	0.03134	0	None	None	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWC-18	0.09142	n/a	8/12/2024	0.076	No	42	0.07482	0.007187	0	None	None	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWC-19	0.1695	n/a	8/12/2024	0.14	No	33	0.0004226	0.0001701	0	None	None	x^4	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWC-20	0.1591	n/a	8/11/2024	0.16	Yes	42	0.1206	0.01669	0	None	None	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWC-21	0.19	n/a	8/11/2024	0.098	No	40	n/a	n/a	n/a	0	n/a	n/a	0.001159	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-22	0.121	n/a	8/11/2024	0.1	No	33	n/a	n/a	n/a	0	n/a	n/a	0.001701	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-23	0.09701	n/a	8/12/2024	0.075	No	42	0.0671	0.01295	0	None	None	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWC-5	0.1335	n/a	8/12/2024	0.073	No	42	0.09442	0.0169	0	None	None	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWC-6	0.2084	n/a	8/12/2024	0.14	No	33	0.1476	0.02565	0	None	None	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWC-7	0.4226	n/a	8/11/2024	0.045	No	29	0.3433	0.1271	0	None	None	sqrt(x)	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWC-8	0.17	n/a	8/11/2024	0.12	No	41	n/a	n/a	n/a	0	n/a	n/a	0.001118	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-9	0.07353	n/a	8/11/2024	0.068	No	32	0.06198	0.004851	0	None	None	No	0.0002926	Param Intra 1 of 2
Beryllium (mg/L)	GWA-3	0.0005	n/a	8/11/2024	0.0005ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-19	0.0005	n/a	8/12/2024	0.0005ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-7	0.00302	n/a	8/11/2024	0.00013J	No	31	-8.586	1.165	32.26	Kaplan-Meier	ln(x)	0.0002926	Param Intra 1 of 2	
Cadmium (mg/L)	GWA-4	0.0005	n/a	8/11/2024	0.0005ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-10	0.0005	n/a	8/11/2024	0.0005ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-18	0.0005	n/a	8/12/2024	0.0005ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-20	0.0005	n/a	8/11/2024	0.0005ND	No	41	n/a	n/a	n/a	97.56	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-21	0.0005	n/a	8/11/2024	0.0005ND	No	40	n/a	n/a	n/a	95	n/a	n/a	0.001159	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-23	0.0005	n/a	8/12/2024	0.0005ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-5	0.0015	n/a	8/12/2024	0.0005ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-7	0.0035	n/a	8/11/2024	0.0005ND	No	39	n/a	n/a	n/a	87.18	n/a	n/a	0.001226	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-8	0.0005	n/a	8/11/2024	0.0005ND	No	41	n/a	n/a	n/a	97.56	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-9	0.0005	n/a	8/11/2024	0.0005ND	No	42	n/a	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-1	0.016	n/a	8/11/2024	0.005ND	No	42	n/a	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 10/22/2024, 12:19 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Chromium (mg/L)	GWA-11	0.005	n/a	8/11/2024	0.005ND	No	42	n/a	n/a	n/a	92.86	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-2	0.005	n/a	8/10/2024	0.005ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-3	0.005	n/a	8/11/2024	0.005ND	No	42	n/a	n/a	n/a	95.24	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-4	0.005	n/a	8/11/2024	0.005ND	No	42	n/a	n/a	n/a	95.24	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-10	0.005	n/a	8/11/2024	0.005ND	No	42	n/a	n/a	n/a	90.48	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-18	0.005	n/a	8/12/2024	0.005ND	No	42	n/a	n/a	n/a	95.24	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-19	0.005	n/a	8/12/2024	0.005ND	No	42	n/a	n/a	n/a	92.86	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-20	0.0064	n/a	8/11/2024	0.005ND	No	41	n/a	n/a	n/a	92.68	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-21	0.005	n/a	8/11/2024	0.005ND	No	40	n/a	n/a	n/a	95	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-22	0.005	n/a	8/11/2024	0.005ND	No	42	n/a	n/a	n/a	90.48	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-23	0.0051	n/a	8/12/2024	0.005ND	No	42	n/a	n/a	n/a	95.24	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-5	0.005	n/a	8/12/2024	0.005ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-6	0.005	n/a	8/12/2024	0.005ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-7	0.005	n/a	8/11/2024	0.005ND	No	40	n/a	n/a	n/a	85	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-8	0.005	n/a	8/11/2024	0.005ND	No	41	n/a	n/a	n/a	90.24	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-9	0.005	n/a	8/11/2024	0.005ND	No	42	n/a	n/a	n/a	92.86	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-1	0.005	n/a	8/11/2024	0.00043J	No	42	n/a	n/a	n/a	54.76	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-11	0.01	n/a	8/11/2024	0.00056J	No	42	n/a	n/a	n/a	47.62	n/a	n/a	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWA-2	0.005	n/a	8/10/2024	0.005ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-3	0.005	n/a	8/11/2024	0.00035J	No	42	n/a	n/a	n/a	83.33	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-4	0.005	n/a	8/11/2024	0.005ND	No	42	n/a	n/a	n/a	66.67	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-10	0.005	n/a	8/11/2024	0.005ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-21	0.01	n/a	8/11/2024	0.0022J	No	40	n/a	n/a	n/a	47.5	n/a	n/a	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWC-23	0.005	n/a	8/12/2024	0.005ND	No	42	n/a	n/a	n/a	90.48	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-5	0.005	n/a	8/12/2024	0.00072J	No	42	n/a	n/a	n/a	85.71	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-6	0.005	n/a	8/12/2024	0.005ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-7	0.07801	n/a	8/11/2024	0.016	No	27	0.1553	0.05079	0	None	sqrt(x)	0.0002926	Param Intra 1 of 2
Cobalt (mg/L)	GWC-8	0.01	n/a	8/11/2024	0.00054J	No	41	n/a	n/a	n/a	73.17	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-9	0.005	n/a	8/11/2024	0.00033J	No	42	n/a	n/a	n/a	85.71	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-11	0.005	n/a	8/11/2024	0.005ND	No	37	n/a	n/a	n/a	91.89	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-2	0.005	n/a	8/10/2024	0.005ND	No	37	n/a	n/a	n/a	91.89	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-3	0.005	n/a	8/11/2024	0.005ND	No	37	n/a	n/a	n/a	91.89	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-4	0.0066	n/a	8/11/2024	0.005ND	No	37	n/a	n/a	n/a	91.89	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-10	0.005	n/a	8/11/2024	0.005ND	No	37	n/a	n/a	n/a	91.89	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-18	0.005	n/a	8/12/2024	0.005ND	No	37	n/a	n/a	n/a	91.89	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-19	0.005	n/a	8/12/2024	0.005ND	No	37	n/a	n/a	n/a	86.49	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-20	0.005	n/a	8/11/2024	0.005ND	No	36	n/a	n/a	n/a	94.44	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-21	0.005	n/a	8/11/2024	0.005ND	No	35	n/a	n/a	n/a	74.29	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-22	0.005	n/a	8/11/2024	0.005ND	No	37	n/a	n/a	n/a	91.89	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-23	0.0084	n/a	8/12/2024	0.005ND	No	37	n/a	n/a	n/a	75.68	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-5	0.005	n/a	8/12/2024	0.005ND	No	37	n/a	n/a	n/a	86.49	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-6	0.005	n/a	8/12/2024	0.005ND	No	37	n/a	n/a	n/a	97.3	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-7	0.016	n/a	8/11/2024	0.005ND	No	35	n/a	n/a	n/a	80	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-8	0.005	n/a	8/11/2024	0.005ND	No	36	n/a	n/a	n/a	97.22	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-9	0.005	n/a	8/11/2024	0.005ND	No	37	n/a	n/a	n/a	94.59	n/a	n/a	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-11	0.001	n/a	8/11/2024	0.001ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-3	0.001	n/a	8/11/2024	0.001ND	No	42	n/a	n/a	n/a	95.24	n/a	n/a	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-10	0.001	n/a	8/11/2024	0.001ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-18	0.001	n/a	8/12/2024	0.001ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-19	0.001	n/a	8/12/2024	0.001ND	No	42	n/a	n/a	n/a	92.86	n/a	n/a	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-20	0.001	n/a	8/11/2024	0.001ND	No	41	n/a	n/a	n/a	97.56	n/a	n/a	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-21	0.001	n/a	8/11/2024	0.001ND	No	40	n/a	n/a	n/a	90	n/a	n/a	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-22	0.001	n/a	8/11/2024	0.001ND	No	42	n/a	n/a	n/a	90.48	n/a	n/a	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-23	0.001	n/a	8/12/2024	0.001ND	No	42	n/a	n/a	n/a	85.71	n/a	n/a	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-5	0.001	n/a	8/12/2024	0.001ND	No	42	n/a	n/a	n/a	95.24	n/a	n/a	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 10/22/2024, 12:19 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Lead (mg/L)	GWC-6	0.001	n/a	8/12/2024	0.001ND	No	42	n/a	n/a	97.62	n/a	n/a	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-7	0.0016	n/a	8/11/2024	0.001ND	No	41	n/a	n/a	78.05	n/a	n/a	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-8	0.001	n/a	8/11/2024	0.001ND	No	41	n/a	n/a	95.12	n/a	n/a	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-1	0.005	n/a	8/11/2024	0.005ND	No	37	n/a	n/a	81.08	n/a	n/a	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-11	0.005	n/a	8/11/2024	0.005ND	No	37	n/a	n/a	48.65	n/a	n/a	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWA-2	0.005	n/a	8/10/2024	0.005ND	No	37	n/a	n/a	97.3	n/a	n/a	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-3	0.005	n/a	8/11/2024	0.005ND	No	37	n/a	n/a	78.38	n/a	n/a	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-4	0.0055	n/a	8/11/2024	0.005ND	No	37	n/a	n/a	54.05	n/a	n/a	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-10	0.005	n/a	8/11/2024	0.005ND	No	37	n/a	n/a	97.3	n/a	n/a	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-18	0.005	n/a	8/12/2024	0.005ND	No	37	n/a	n/a	75.68	n/a	n/a	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-19	0.0062	n/a	8/12/2024	0.005ND	No	37	n/a	n/a	91.89	n/a	n/a	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-20	0.005	n/a	8/11/2024	0.005ND	No	36	n/a	n/a	94.44	n/a	n/a	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-21	0.01004	n/a	8/11/2024	0.005	No	36	0.06294	0.01589	16.67	Kaplan-Meier	sqrt(x)	Param Intra 1 of 2
Nickel (mg/L)	GWC-22	0.005	n/a	8/11/2024	0.005ND	No	37	n/a	n/a	97.3	n/a	n/a	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-23	0.005	n/a	8/12/2024	0.005ND	No	37	n/a	n/a	70.27	n/a	n/a	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-5	0.005	n/a	8/12/2024	0.005ND	No	37	n/a	n/a	81.08	n/a	n/a	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-6	0.005	n/a	8/12/2024	0.005ND	No	37	n/a	n/a	91.89	n/a	n/a	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-7	0.2607	n/a	8/11/2024	0.095	No	22	0.09873	0.06395	0	None	No	Param Intra 1 of 2
Nickel (mg/L)	GWC-8	0.0073	n/a	8/11/2024	0.005ND	No	36	n/a	n/a	83.33	n/a	n/a	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-9	0.005	n/a	8/11/2024	0.005ND	No	37	n/a	n/a	48.65	n/a	n/a	NP Intra (normality) 1 of 2
Selenium (mg/L)	GWA-4	0.005	n/a	8/11/2024	0.005ND	No	42	n/a	n/a	97.62	n/a	n/a	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-10	0.005	n/a	8/11/2024	0.005ND	No	42	n/a	n/a	97.62	n/a	n/a	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-21	0.005	n/a	8/11/2024	0.005ND	No	40	n/a	n/a	95	n/a	n/a	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-22	0.005	n/a	8/11/2024	0.005ND	No	42	n/a	n/a	95.24	n/a	n/a	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-9	0.005	n/a	8/11/2024	0.005ND	No	42	n/a	n/a	97.62	n/a	n/a	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-21	0.005	n/a	8/11/2024	0.005ND	No	35	n/a	n/a	97.14	n/a	n/a	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-1	0.001	n/a	8/11/2024	0.001ND	No	41	n/a	n/a	97.56	n/a	n/a	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-7	0.001	n/a	8/11/2024	0.001ND	No	40	n/a	n/a	97.5	n/a	n/a	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-1	0.01	n/a	8/11/2024	0.01ND	No	37	n/a	n/a	94.59	n/a	n/a	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-4	0.01	n/a	8/11/2024	0.01ND	No	37	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-21	0.01	n/a	8/11/2024	0.01ND	No	35	n/a	n/a	94.29	n/a	n/a	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-23	0.01	n/a	8/12/2024	0.01ND	No	37	n/a	n/a	97.3	n/a	n/a	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-5	0.01	n/a	8/12/2024	0.01ND	No	37	n/a	n/a	97.3	n/a	n/a	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-7	0.01	n/a	8/11/2024	0.01ND	No	36	n/a	n/a	86.11	n/a	n/a	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-9	0.01	n/a	8/11/2024	0.01ND	No	37	n/a	n/a	97.3	n/a	n/a	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-1	0.01	n/a	8/11/2024	0.01ND	No	37	n/a	n/a	78.38	n/a	n/a	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-11	0.01	n/a	8/11/2024	0.01ND	No	37	n/a	n/a	70.27	n/a	n/a	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-2	0.01	n/a	8/10/2024	0.01ND	No	37	n/a	n/a	72.97	n/a	n/a	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-3	0.01	n/a	8/11/2024	0.0026J	No	37	n/a	n/a	62.16	n/a	n/a	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-4	0.01	n/a	8/11/2024	0.01ND	No	37	n/a	n/a	40.54	n/a	n/a	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-10	0.01	n/a	8/11/2024	0.01ND	No	37	n/a	n/a	81.08	n/a	n/a	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-18	0.01	n/a	8/12/2024	0.01ND	No	37	n/a	n/a	72.97	n/a	n/a	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-19	0.013	n/a	8/12/2024	0.01ND	No	37	n/a	n/a	64.86	n/a	n/a	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-20	0.01	n/a	8/11/2024	0.01ND	No	36	n/a	n/a	83.33	n/a	n/a	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-21	0.0108	n/a	8/11/2024	0.0048J	No	35	n/a	n/a	25.71	n/a	n/a	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-22	0.01	n/a	8/11/2024	0.01ND	No	37	n/a	n/a	83.78	n/a	n/a	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-23	0.01	n/a	8/12/2024	0.01ND	No	37	n/a	n/a	59.46	n/a	n/a	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-5	0.01	n/a	8/12/2024	0.01ND	No	37	n/a	n/a	64.86	n/a	n/a	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-6	0.01	n/a	8/12/2024	0.01ND	No	37	n/a	n/a	75.68	n/a	n/a	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-7	0.4896	n/a	8/11/2024	0.16	No	21	0.1745	0.1234	0	None	No	Param Intra 1 of 2
Zinc (mg/L)	GWC-8	0.01	n/a	8/11/2024	0.01ND	No	36	n/a	n/a	75	n/a	n/a	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-9	0.01	n/a	8/11/2024	0.01ND	No	37	n/a	n/a	70.27	n/a	n/a	NP Intra (NDs) 1 of 2

Appendix I Interwell Prediction Limits - Two-Step - All Results (No Significant)

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 10/22/2024, 11:46 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBq Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Barium (mg/L)	GWC-20	0.21	n/a	8/11/2024	0.16	No	220	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 10/22/2024, 11:56 AM

<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Normality</u>	<u>Alpha</u>	<u>Method</u>
Barium (mg/L)	GWA-11 (bg)	-0.0002499	-3.307	-2.58	Yes	44	0	n/a	0.01	NP
Barium (mg/L)	GWA-2 (bg)	0.003585	6.016	2.58	Yes	44	0	n/a	0.01	NP
Barium (mg/L)	GWA-3 (bg)	-0.00631	-6.654	-2.58	Yes	44	0	n/a	0.01	NP
Barium (mg/L)	GWA-4 (bg)	-0.001768	-3.869	-2.58	Yes	44	0	n/a	0.01	NP
Barium (mg/L)	GWC-20	0.002863	6.347	2.58	Yes	44	0	n/a	0.01	NP

Appendix I Trend Tests - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 10/22/2024, 11:56 AM

<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Normality</u>	<u>Alpha</u>	<u>Method</u>
Barium (mg/L)	GWA-1 (bg)	-0.00005324	-0.4764	-2.58	No	44	0	n/a	0.01	NP
Barium (mg/L)	GWA-11 (bg)	-0.0002499	-3.307	-2.58	Yes	44	0	n/a	0.01	NP
Barium (mg/L)	GWA-2 (bg)	0.003585	6.016	2.58	Yes	44	0	n/a	0.01	NP
Barium (mg/L)	GWA-3 (bg)	-0.00631	-6.654	-2.58	Yes	44	0	n/a	0.01	NP
Barium (mg/L)	GWA-4 (bg)	-0.001768	-3.869	-2.58	Yes	44	0	n/a	0.01	NP
Barium (mg/L)	GWC-20	0.002863	6.347	2.58	Yes	44	0	n/a	0.01	NP

Appendix III Intrawell Prediction Limits - Significant Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 10/22/2024, 12:38 PM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bq</u>	<u>NBq</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>%NDs</u>	<u>ND Adj.</u>	<u>TransformAlpha</u>	<u>Method</u>
Boron (mg/L)	GWA-11	0.04261	n/a	8/11/2024	0.045	Yes	21	0.03647	0.002646	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-5	0.08069	n/a	8/12/2024	0.09	Yes	21	0.05775	0.009887	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-6	0.04623	n/a	8/12/2024	0.053	Yes	22	0.03968	0.002845	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWA-2	57.38	n/a	8/10/2024	59.2	Yes	21	44.83	5.409	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-21	4.703	n/a	8/11/2024	10	Yes	22	2.662	0.886	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWA-2	25.18	n/a	8/10/2024	33.1	Yes	21	16.94	3.554	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-19	22.7	n/a	8/12/2024	24	Yes	21	17.2	2.369	0	None	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-1	154.3	n/a	8/11/2024	162	Yes	21	102.2	22.45	0	None	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-2	280.3	n/a	8/10/2024	287	Yes	21	228	22.53	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 10/22/2024, 12:38 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Boron (mg/L)	GWA-1	0.049	n/a	8/11/2024	0.02ND	No	21	n/a	n/a	9.524	n/a	n/a	n/a	NP Intra (normality) 1 of 2
Boron (mg/L)	GWA-11	0.04261	n/a	8/11/2024	0.045	Yes	21	0.03647	0.002646	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWA-2	0.1018	n/a	8/10/2024	0.072	No	21	0.08654	0.006575	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWA-3	0.1929	n/a	8/11/2024	0.13	No	21	0.1429	0.02156	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWA-4	0.1334	n/a	8/11/2024	0.074	No	21	0.08657	0.02019	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-10	0.04275	n/a	8/11/2024	0.032J	No	21	0.03408	0.003737	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-18	0.1499	n/a	8/12/2024	0.14	No	21	0.129	0.008992	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-19	0.2087	n/a	8/12/2024	0.16	No	21	0.1683	0.01739	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-20	0.02547	n/a	8/11/2024	0.018J	No	21	0.01778	0.003312	4.762	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-21	0.1187	n/a	8/11/2024	0.038J	No	21	-3.445	0.5661	0	None	ln(x)	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-22	0.08042	n/a	8/11/2024	0.067	No	21	0.06582	0.006291	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-23	0.0808	n/a	8/12/2024	0.028J	No	20	0.1811	0.04411	5	None	sqrt(x)	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-5	0.08069	n/a	8/12/2024	0.09	Yes	21	0.05775	0.009887	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-6	0.04623	n/a	8/12/2024	0.053	Yes	22	0.03968	0.002845	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-7	0.07524	n/a	8/11/2024	0.035J	No	21	0.05036	0.01072	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-8	0.1025	n/a	8/11/2024	0.035J	No	22	-3.31	0.448	0	None	ln(x)	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-9	0.02283	n/a	8/11/2024	0.017J	No	21	0.01624	0.002837	4.762	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWA-1	20.58	n/a	8/11/2024	19.3	No	21	16.38	1.811	4.762	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWA-11	25.23	n/a	8/11/2024	20.8	No	21	423.9	91.74	4.762	None	x^2	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWA-2	57.38	n/a	8/10/2024	59.2	Yes	21	44.83	5.409	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWA-3	93.72	n/a	8/11/2024	69.4	No	21	72.29	9.235	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWA-4	118.7	n/a	8/11/2024	83	No	21	84.71	14.64	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-10	59.58	n/a	8/11/2024	39.8	No	23	41.64	7.848	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-18	52.22	n/a	8/12/2024	43.3	No	22	6.454	0.3355	0	None	sqrt(x)	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-19	51.58	n/a	8/12/2024	48.1	No	22	44.83	2.934	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-20	71.97	n/a	8/11/2024	67.3	No	22	56.93	6.529	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-21	89.64	n/a	8/11/2024	40.9	No	23	45.38	19.37	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-22	53.53	n/a	8/11/2024	51.8	No	21	48.05	2.361	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-23	62.14	n/a	8/12/2024	47.3	No	21	6.401	0.6386	0	None	sqrt(x)	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-5	89.77	n/a	8/12/2024	80.8	No	21	75.57	6.12	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-6	76.07	n/a	8/12/2024	70.8	No	21	64.92	4.805	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-7	74.97	n/a	8/11/2024	19.7	No	21	38.43	15.75	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-8	106.5	n/a	8/11/2024	77.3	No	23	70.66	15.67	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-9	40.48	n/a	8/11/2024	40.1	No	21	35.82	2.008	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWA-1	1.6	n/a	8/11/2024	1.1	No	21	n/a	n/a	0	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWA-11	1.98	n/a	8/11/2024	1.3	No	21	1.381	0.2581	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWA-2	2.951	n/a	8/10/2024	2.6	No	21	2.352	0.2582	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWA-3	5.761	n/a	8/11/2024	1.5	No	21	3.197	1.105	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWA-4	10.08	n/a	8/11/2024	3.6	No	21	5.299	2.059	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-10	2.156	n/a	8/11/2024	0.95J	No	23	1.462	0.3036	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-18	1.857	n/a	8/12/2024	1.1	No	21	1.213	0.2777	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-19	2.569	n/a	8/12/2024	1.3	No	21	1.666	0.3892	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-20	2.32	n/a	8/11/2024	1.1	No	22	1.487	0.3614	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-21	4.703	n/a	8/11/2024	10	Yes	22	2.662	0.886	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-22	2.07	n/a	8/11/2024	1	No	21	1.341	0.3139	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-23	2.227	n/a	8/12/2024	1.2	No	21	1.302	0.3984	4.762	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-5	4.049	n/a	8/12/2024	2.3	No	21	2.689	0.586	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-6	2.373	n/a	8/12/2024	1.8	No	21	1.83	0.234	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-7	2.224	n/a	8/11/2024	2	No	21	1.634	0.2545	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-8	3.316	n/a	8/11/2024	1.7	No	23	2.05	0.554	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-9	1.693	n/a	8/11/2024	0.75J	No	21	1.04	0.2817	0	None	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWA-1	0.1782	n/a	8/11/2024	0.12	No	21	0.1001	0.03365	4.762	None	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWA-11	0.1491	n/a	8/11/2024	0.1	No	21	0.0736	0.03255	14.29	None	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWA-2	0.2206	n/a	8/10/2024	0.071J	No	21	0.1177	0.04434	4.762	None	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWA-3	0.4711	n/a	8/11/2024	0.15	No	21	0.4185	0.1155	4.762	None	sqrt(x)	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWA-4	0.4646	n/a	8/11/2024	0.14	No	21	-1.817	0.4525	0	None	ln(x)	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-10	0.1772	n/a	8/11/2024	0.067J	No	21	0.1006	0.033	9.524	None	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-18	0.2074	n/a	8/12/2024	0.15	No	21	0.1351	0.03117	4.762	None	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-19	0.2456	n/a	8/12/2024	0.14	No	21	0.3685	0.05476	4.762	None	sqrt(x)	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-20	0.1789	n/a	8/11/2024	0.054J	No	21	0.2855	0.05927	4.762	None	sqrt(x)	0.0006269	Param Intra 1 of 2

Appendix III Intrawell Prediction Limits - All Results

Page 2

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 10/22/2024, 12:38 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bq	NBq	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Fluoride (mg/L)	GWC-21	0.1935	n/a	8/11/2024	0.1ND	No	21	0.08248	0.04786	28.57	Kaplan-Meier	No	0.0006269	Param	Intra 1 of 2
Fluoride (mg/L)	GWC-22	0.1451	n/a	8/11/2024	0.061J	No	21	0.08521	0.02581	4.762	None	No	0.0006269	Param	Intra 1 of 2
Fluoride (mg/L)	GWC-23	0.172	n/a	8/12/2024	0.12	No	21	0.1019	0.03019	4.762	None	No	0.0006269	Param	Intra 1 of 2
Fluoride (mg/L)	GWC-5	0.33	n/a	8/12/2024	0.088J	No	21	n/a	n/a	19.05	n/a	n/a	0.003999	NP Intra (normality)	1 of 2
Fluoride (mg/L)	GWC-6	0.2679	n/a	8/12/2024	0.095J	No	21	0.3012	0.09327	9.524	None	sqrt(x)	0.0006269	Param	Intra 1 of 2
Fluoride (mg/L)	GWC-7	0.475	n/a	8/11/2024	0.18	No	21	0.5972	0.07889	0	None	x^(1/3)	0.0006269	Param	Intra 1 of 2
Fluoride (mg/L)	GWC-8	0.4	n/a	8/11/2024	0.11	No	22	n/a	n/a	0	n/a	n/a	0.003707	NP Intra (normality)	1 of 2
Fluoride (mg/L)	GWC-9	0.1618	n/a	8/11/2024	0.071J	No	21	0.09042	0.03075	4.762	None	No	0.0006269	Param	Intra 1 of 2
pH (SU)	GWA-1	7.449	6.569	8/11/2024	7.27	No	21	7.009	0.1898	0	None	No	0.0003135	Param	Intra 1 of 2
pH (SU)	GWA-11	7.117	6.379	8/11/2024	7.01	No	21	6.748	0.1589	0	None	No	0.0003135	Param	Intra 1 of 2
pH (SU)	GWA-2	7.225	6.588	8/10/2024	6.76	No	21	6.907	0.1371	0	None	No	0.0003135	Param	Intra 1 of 2
pH (SU)	GWA-3	7.158	6.347	8/11/2024	6.83	No	21	6.752	0.1747	0	None	No	0.0003135	Param	Intra 1 of 2
pH (SU)	GWA-4	7.177	6.392	8/11/2024	6.77	No	21	6.785	0.1691	0	None	No	0.0003135	Param	Intra 1 of 2
pH (SU)	GWC-10	7.753	6.869	8/11/2024	7.48	No	22	7.311	0.1919	0	None	No	0.0003135	Param	Intra 1 of 2
pH (SU)	GWC-18	7.787	7.387	8/12/2024	7.75	No	21	7.587	0.08609	0	None	No	0.0003135	Param	Intra 1 of 2
pH (SU)	GWC-19	7.784	7.222	8/12/2024	7.61	No	23	7.503	0.1232	0	None	No	0.0003135	Param	Intra 1 of 2
pH (SU)	GWC-20	7.652	6.988	8/11/2024	7.31	No	24	7.32	0.1465	0	None	No	0.0003135	Param	Intra 1 of 2
pH (SU)	GWC-21	7.562	5.592	8/11/2024	6.22	No	21	6.577	0.4244	0	None	No	0.0003135	Param	Intra 1 of 2
pH (SU)	GWC-22	7.95	7.326	8/11/2024	7.37	No	22	7.638	0.1354	0	None	No	0.0003135	Param	Intra 1 of 2
pH (SU)	GWC-23	7.465	6.714	8/12/2024	7.31	No	21	7.09	0.1617	0	None	No	0.0003135	Param	Intra 1 of 2
pH (SU)	GWC-5	7.18	6.505	8/12/2024	7.11	No	21	6.842	0.1455	0	None	No	0.0003135	Param	Intra 1 of 2
pH (SU)	GWC-6	7.494	6.63	8/12/2024	7.36	No	23	7.062	0.1892	0	None	No	0.0003135	Param	Intra 1 of 2
pH (SU)	GWC-7	6.789	5.545	8/11/2024	5.93	No	22	6.167	0.2702	0	None	No	0.0003135	Param	Intra 1 of 2
pH (SU)	GWC-8	7.72	6.63	8/11/2024	7.42	No	24	7.175	0.2405	0	None	No	0.0003135	Param	Intra 1 of 2
pH (SU)	GWC-9	7.333	6.367	8/11/2024	7.05	No	21	6.85	0.2081	0	None	No	0.0003135	Param	Intra 1 of 2
Sulfate (mg/L)	GWA-1	6.11	n/a	8/11/2024	3.9	No	21	2.167	0.1313	0	None	sqrt(x)	0.0006269	Param	Intra 1 of 2
Sulfate (mg/L)	GWA-11	15.24	n/a	8/11/2024	9.3	No	21	11.71	1.52	0	None	No	0.0006269	Param	Intra 1 of 2
Sulfate (mg/L)	GWA-2	25.18	n/a	8/10/2024	33.1	Yes	21	16.94	3.554	0	None	No	0.0006269	Param	Intra 1 of 2
Sulfate (mg/L)	GWA-3	159.8	n/a	8/11/2024	87.2	No	19	104.7	23.29	0	None	No	0.0006269	Param	Intra 1 of 2
Sulfate (mg/L)	GWA-4	300.2	n/a	8/11/2024	116	No	21	170.4	55.94	0	None	No	0.0006269	Param	Intra 1 of 2
Sulfate (mg/L)	GWC-10	33.9	n/a	8/11/2024	8.5	No	22	n/a	n/a	0	n/a	n/a	0.003707	NP Intra (normality)	1 of 2
Sulfate (mg/L)	GWC-18	14.04	n/a	8/12/2024	8.1	No	21	10.1	1.696	0	None	No	0.0006269	Param	Intra 1 of 2
Sulfate (mg/L)	GWC-19	22.7	n/a	8/12/2024	24	Yes	21	17.2	2.369	0	None	No	0.0006269	Param	Intra 1 of 2
Sulfate (mg/L)	GWC-20	84.02	n/a	8/11/2024	74	No	13	57.53	10.08	0	None	No	0.0006269	Param	Intra 1 of 2
Sulfate (mg/L)	GWC-21	52.37	n/a	8/11/2024	28.4	No	21	29.09	10.03	0	None	No	0.0006269	Param	Intra 1 of 2
Sulfate (mg/L)	GWC-22	12.64	n/a	8/11/2024	5.7	No	21	7.557	2.191	0	None	No	0.0006269	Param	Intra 1 of 2
Sulfate (mg/L)	GWC-23	19.5	n/a	8/12/2024	6	No	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality)	1 of 2
Sulfate (mg/L)	GWC-5	101.9	n/a	8/12/2024	77.2	No	19	79.18	9.587	0	None	No	0.0006269	Param	Intra 1 of 2
Sulfate (mg/L)	GWC-6	141.3	n/a	8/12/2024	87.7	No	25	105.9	15.76	0	None	No	0.0006269	Param	Intra 1 of 2
Sulfate (mg/L)	GWC-7	170.3	n/a	8/11/2024	123	No	21	108.8	26.51	0	None	No	0.0006269	Param	Intra 1 of 2
Sulfate (mg/L)	GWC-8	58.8	n/a	8/11/2024	47.1	No	21	38.82	8.608	0	None	No	0.0006269	Param	Intra 1 of 2
Sulfate (mg/L)	GWC-9	84.13	n/a	8/11/2024	80.4	No	22	69.25	6.462	0	None	No	0.0006269	Param	Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-1	154.3	n/a	8/11/2024	162	Yes	21	102.2	22.45	0	None	No	0.0006269	Param	Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-11	171.6	n/a	8/11/2024	145	No	21	121.3	21.65	0	None	No	0.0006269	Param	Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-2	280.3	n/a	8/10/2024	287	Yes	21	228	22.53	0	None	No	0.0006269	Param	Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-3	550.3	n/a	8/11/2024	419	No	19	428.5	51.45	0	None	No	0.0006269	Param	Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-4	576.4	n/a	8/11/2024	456	No	16	451.9	50.69	0	None	No	0.0006269	Param	Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-10	259.7	n/a	8/11/2024	170	No	21	180.3	34.23	0	None	No	0.0006269	Param	Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-18	266.4	n/a	8/12/2024	242	No	20	206	25.84	0	None	No	0.0006269	Param	Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-19	274.7	n/a	8/12/2024	236	No	20	232.8	17.94	0	None	No	0.0006269	Param	Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-20	332.9	n/a	8/11/2024	312	No	21	248	36.6	0	None	No	0.0006269	Param	Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-21	374.9	n/a	8/11/2024	181	No	23	187.7	81.93	0	None	No	0.0006269	Param	Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-22	324	n/a	8/11/2024	219	No	21	n/a	n/a	0	n/a	n/a	0.003999	NP Intra (normality)	1 of 2
Total Dissolved Solids (mg/L)	GWC-23	285	n/a	8/12/2024	189	No	21	197.3	37.79	0	None	No	0.0006269	Param	Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-5	511	n/a	8/12/2024	401	No	21	n/a	n/a	0	n/a	n/a	0.003999	NP Intra (normality)	1 of 2
Total Dissolved Solids (mg/L)	GWC-6	415.1	n/a	8/12/2024	376	No	23	333.8	35.57	0	None	No	0.0006269	Param	Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-7	351	n/a	8/11/2024	293	No	21	264.4	37.35	0	None	No	0.0006269	Param	Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-8	431.9	n/a	8/11/2024	327	No	23	288.6	62.72	0	None	No	0.0006269	Param	Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-9	299.6	n/a	8/11/2024	256	No	21	226.3	31.57	0	None	No	0.0006269	Param	Intra 1 of 2

Appendix III Interwell Prediction Limits - Two-Step - Significant Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 10/22/2024, 12:40 PM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg</u>	<u>NBg</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>%NDs</u>	<u>ND Adj.</u>	<u>TransformAlpha</u>	<u>Method</u>
Chloride (mg/L)	GWC-21	8.5	n/a	8/11/2024	10	Yes	115	n/a		n/a	0	n/a	n/a	0.0001489 NP Inter (normality) 1 of 2

Appendix III Interwell Prediction Limits - Two-Step - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 10/22/2024, 12:40 PM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg</u>	<u>NBg</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>%NDs</u>	<u>ND Adj.</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Boron (mg/L)	GWC-5	0.182	n/a	8/12/2024	0.09	No	115	n/a	n/a	2.609	n/a	n/a	0.0001489	NP Inter (normality) 1 of 2	
Boron (mg/L)	GWC-6	0.182	n/a	8/12/2024	0.053	No	115	n/a	n/a	2.609	n/a	n/a	0.0001489	NP Inter (normality) 1 of 2	
Chloride (mg/L)	GWC-21	8.5	n/a	8/11/2024	10	Yes	115	n/a	n/a	0	n/a	n/a	0.0001489	NP Inter (normality) 1 of 2	
Sulfate (mg/L)	GWC-19	302.3	n/a	8/12/2024	24	No	113	n/a	n/a	0	n/a	n/a	0.0001546	NP Inter (normality) 1 of 2	

Appendix III Trend Tests - Significant Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 10/22/2024, 12:41 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>Alpha</u>	<u>Method</u>
Boron (mg/L)	GWA-4 (bg)	-0.004164	-99	-98	Yes	23	0	n/a	0.01	NP
Chloride (mg/L)	GWA-3 (bg)	-0.365	-162	-98	Yes	23	0	n/a	0.01	NP
Chloride (mg/L)	GWA-4 (bg)	-0.4919	-101	-98	Yes	23	0	n/a	0.01	NP
Sulfate (mg/L)	GWA-11 (bg)	-0.3675	-127	-98	Yes	23	0	n/a	0.01	NP
Sulfate (mg/L)	GWA-2 (bg)	1.254	164	98	Yes	23	0	n/a	0.01	NP
Sulfate (mg/L)	GWA-3 (bg)	-4.293	-89	-87	Yes	21	0	n/a	0.01	NP
Sulfate (mg/L)	GWA-4 (bg)	-10.5	-115	-98	Yes	23	0	n/a	0.01	NP

Appendix III Trend Tests - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 10/22/2024, 12:42 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>Alpha</u>	<u>Method</u>
Boron (mg/L)	GWA-1 (bg)	0.0006919	82	98	No	23	13.04	n/a	0.01	NP
Boron (mg/L)	GWA-11 (bg)	0.0002997	33	98	No	23	0	n/a	0.01	NP
Boron (mg/L)	GWA-2 (bg)	-0.0007063	-43	-98	No	23	0	n/a	0.01	NP
Boron (mg/L)	GWA-3 (bg)	-0.003172	-74	-98	No	23	0	n/a	0.01	NP
Boron (mg/L)	GWA-4 (bg)	-0.004164	-99	-98	Yes	23	0	n/a	0.01	NP
Boron (mg/L)	GWC-5	-0.0008927	-27	-98	No	23	0	n/a	0.01	NP
Boron (mg/L)	GWC-6	0.0001432	27	105	No	24	0	n/a	0.01	NP
Chloride (mg/L)	GWA-1 (bg)	0	-20	-98	No	23	0	n/a	0.01	NP
Chloride (mg/L)	GWA-11 (bg)	-0.03378	-89	-98	No	23	0	n/a	0.01	NP
Chloride (mg/L)	GWA-2 (bg)	0	9	98	No	23	0	n/a	0.01	NP
Chloride (mg/L)	GWA-3 (bg)	-0.365	-162	-98	Yes	23	0	n/a	0.01	NP
Chloride (mg/L)	GWA-4 (bg)	-0.4919	-101	-98	Yes	23	0	n/a	0.01	NP
Chloride (mg/L)	GWC-21	0.08527	21	105	No	24	0	n/a	0.01	NP
Sulfate (mg/L)	GWA-1 (bg)	-0.04047	-29	-98	No	23	0	n/a	0.01	NP
Sulfate (mg/L)	GWA-11 (bg)	-0.3675	-127	-98	Yes	23	0	n/a	0.01	NP
Sulfate (mg/L)	GWA-2 (bg)	1.254	164	98	Yes	23	0	n/a	0.01	NP
Sulfate (mg/L)	GWA-3 (bg)	-4.293	-89	-87	Yes	21	0	n/a	0.01	NP
Sulfate (mg/L)	GWA-4 (bg)	-10.5	-115	-98	Yes	23	0	n/a	0.01	NP
Sulfate (mg/L)	GWC-19	0.7192	95	98	No	23	0	n/a	0.01	NP

Appendix III Intrawell Prediction Limits - Resample Results (All Significant)

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 12/12/2024, 1:22 PM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg</u>	<u>NBg</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>%NDs</u>	<u>ND Adj.</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Chloride (mg/L)	GWC-21	4.703	n/a	12/3/2024	5.4	Yes	22	2.662		0.886	0	None	No	0.0006269	Param Intra 1 of 2

Appendix III Interwell Prediction Limits - Two-Step - Resample Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 12/12/2024, 1:24 PM

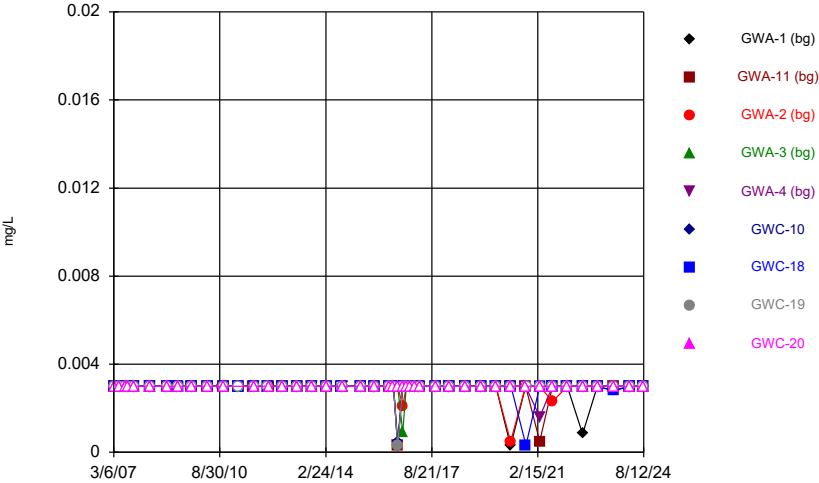
<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg</u>	<u>NBg Mean</u>	<u>Std. Dev.</u>	<u>%NDs</u>	<u>ND Adj.</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Chloride (mg/L)	GWC-21	8.5	n/a	12/3/2024	5.4	No	115	n/a	n/a	0	n/a	n/a	0.0001489	NP Inter (normality) 1 of 2

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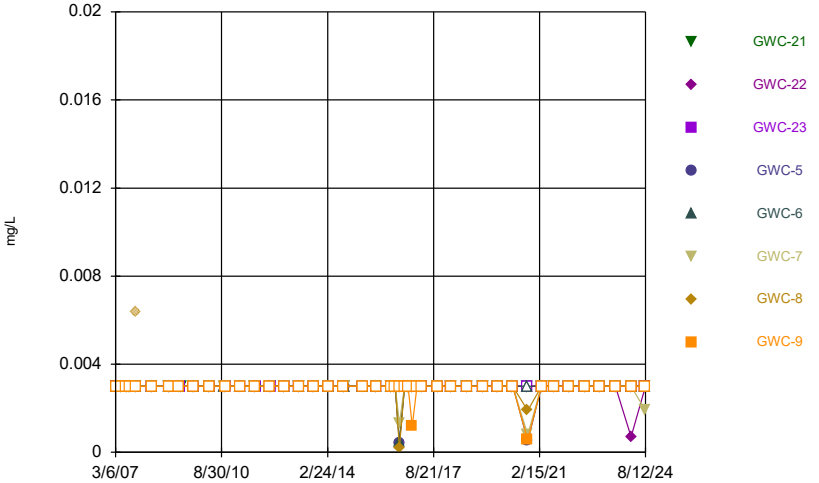
FIGURE A.

Time Series



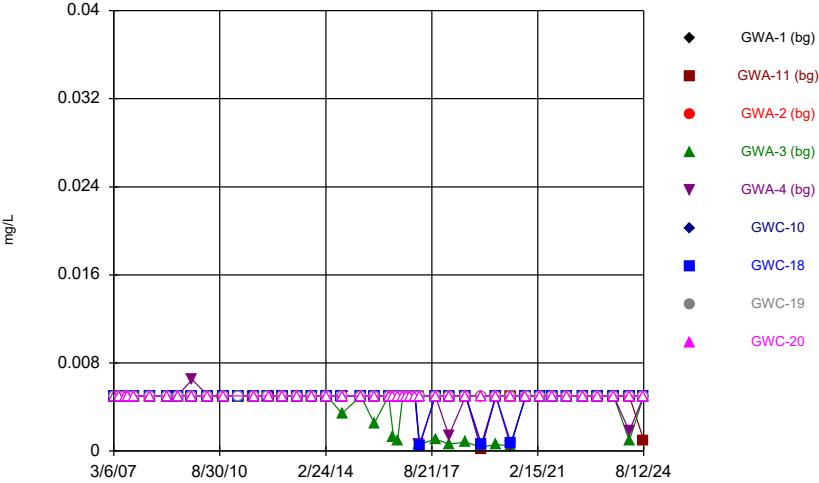
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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



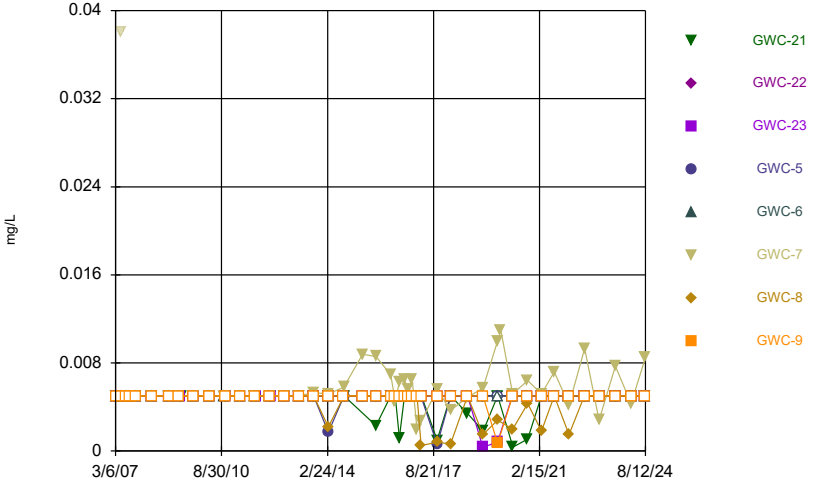
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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



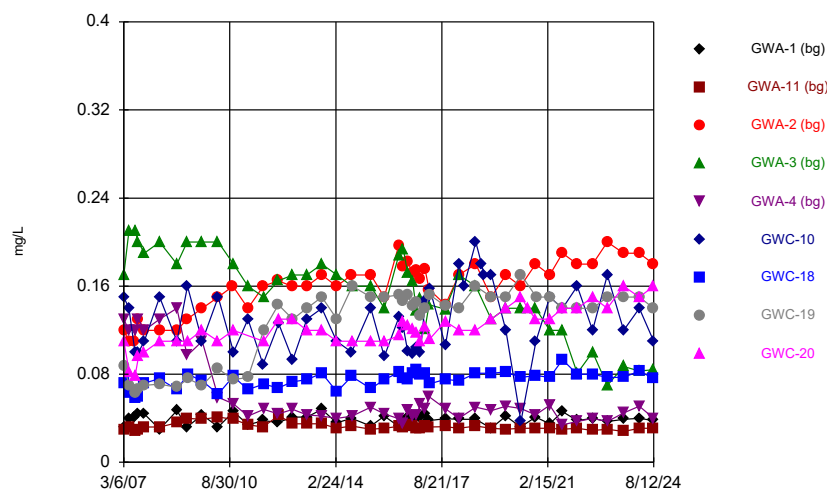
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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series

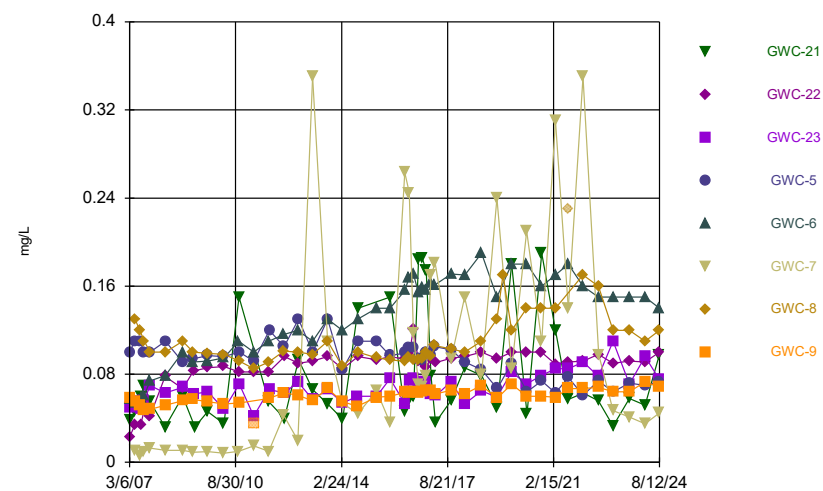


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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

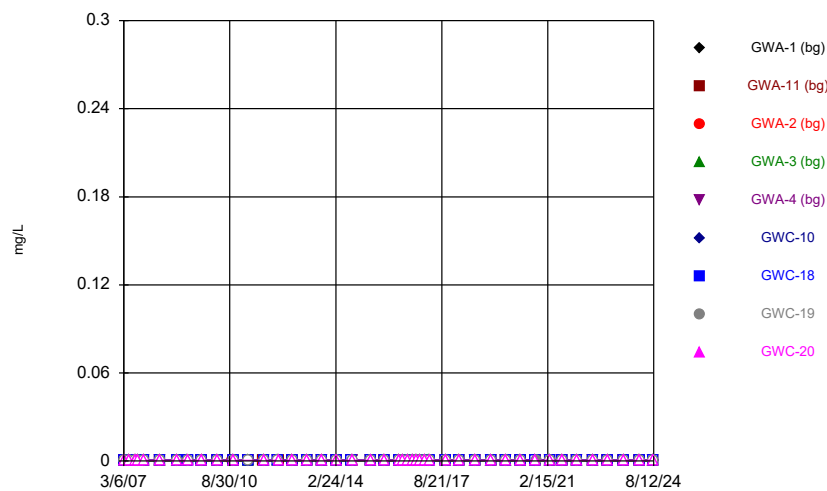
Time Series



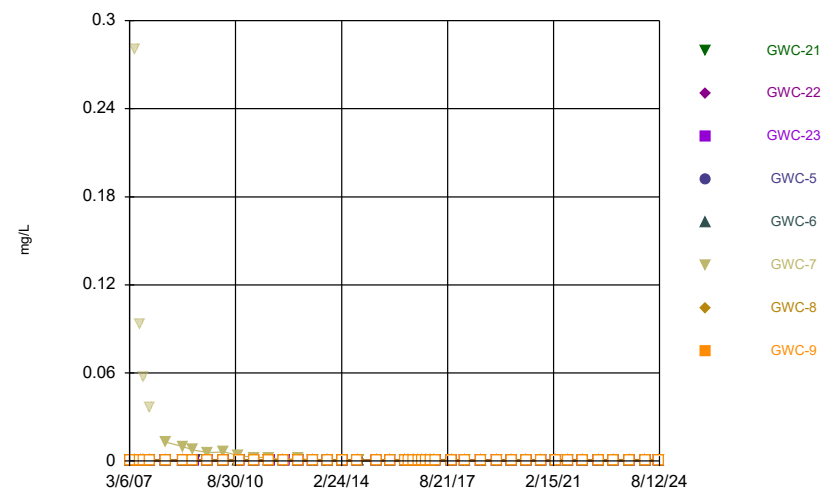
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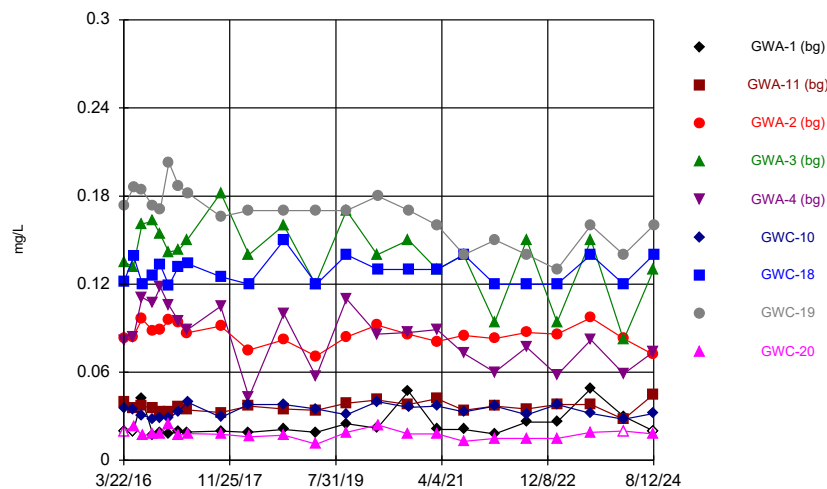
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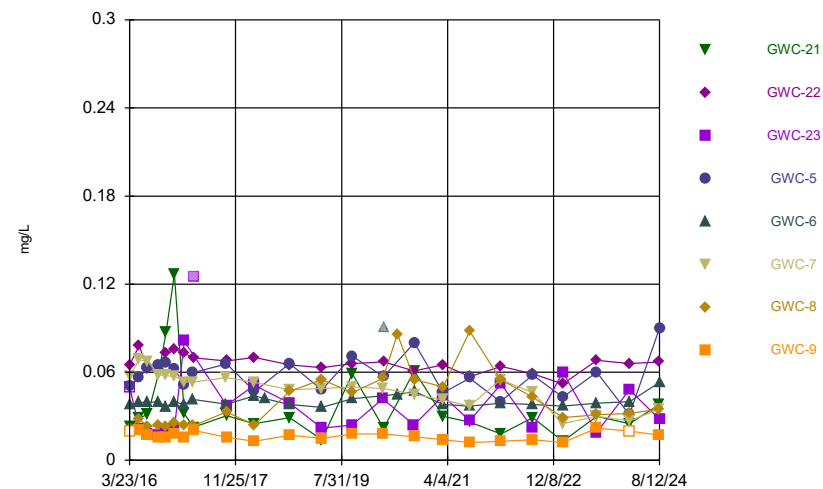
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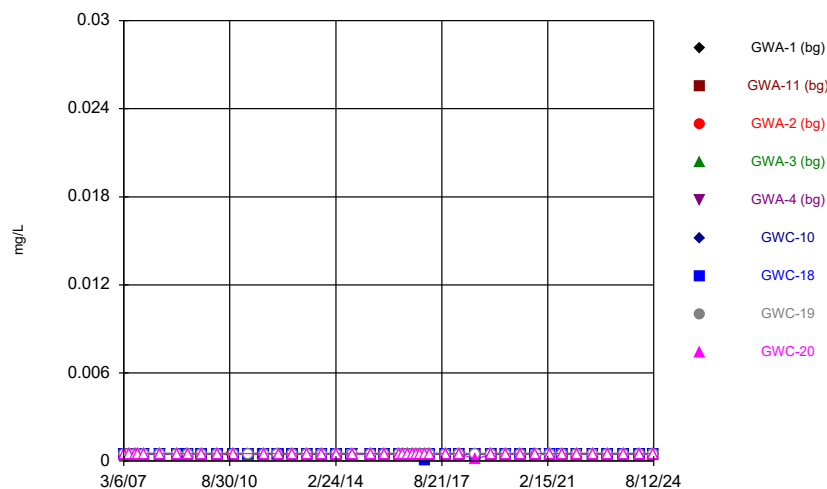
Time Series



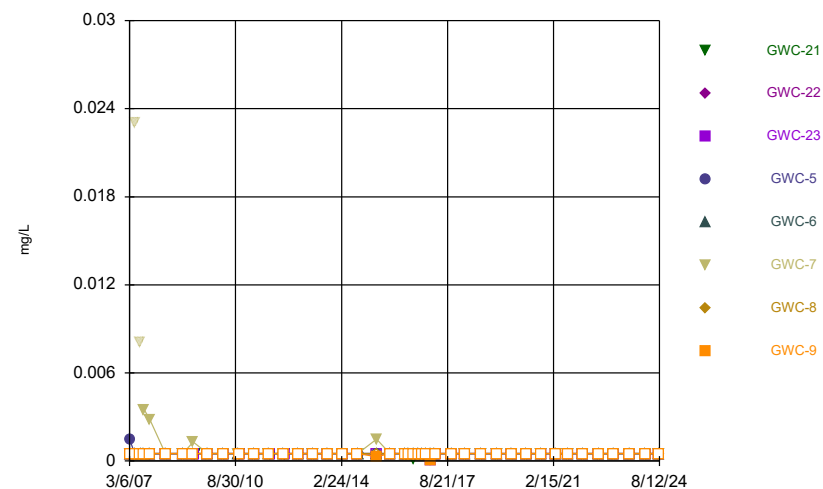
Time Series



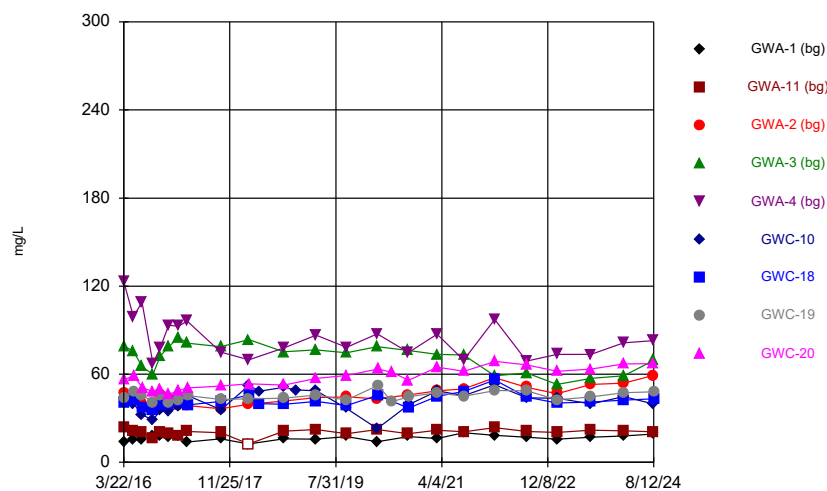
Time Series



Time Series

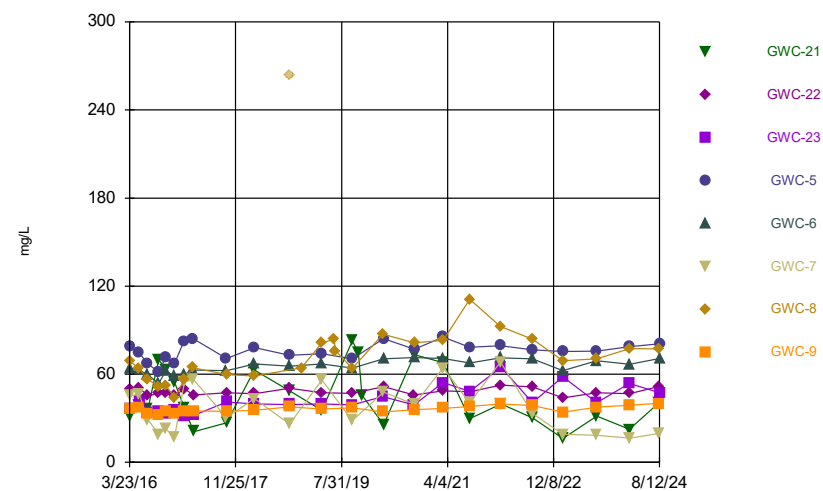


Time Series



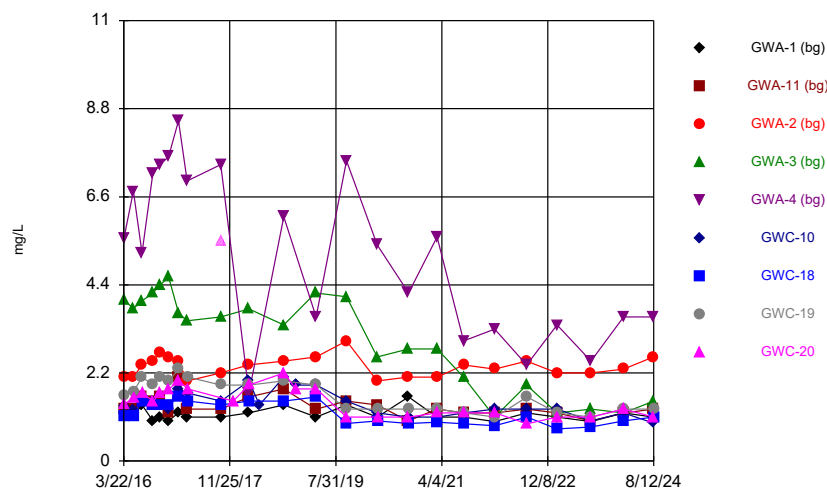
Constituent: Calcium Analysis Run 12/12/2024 1:11 PM
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



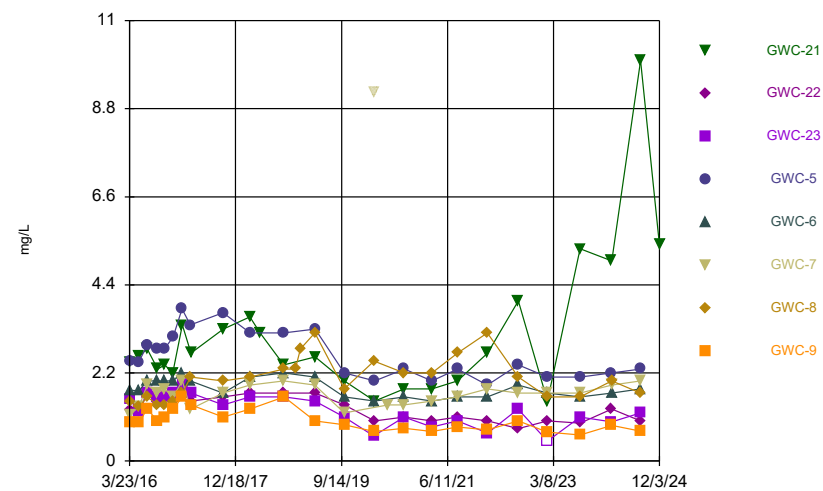
Constituent: Calcium Analysis Run 12/12/2024 1:11 PM
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



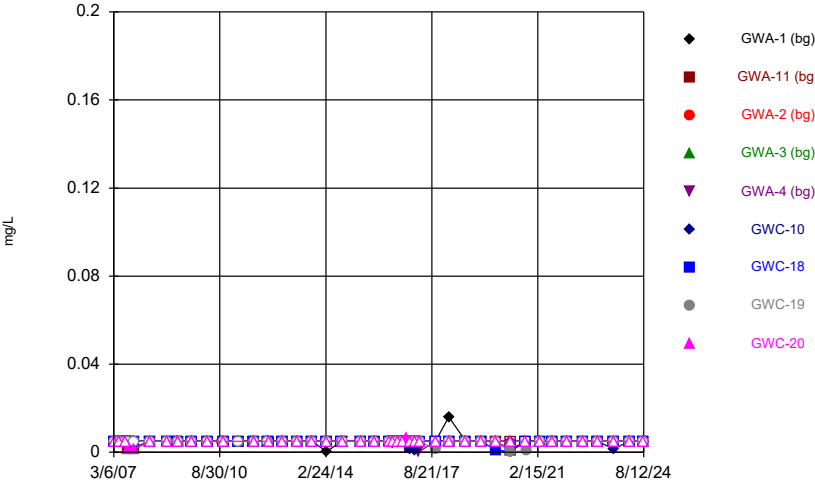
Constituent: Chloride Analysis Run 12/12/2024 1:11 PM
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



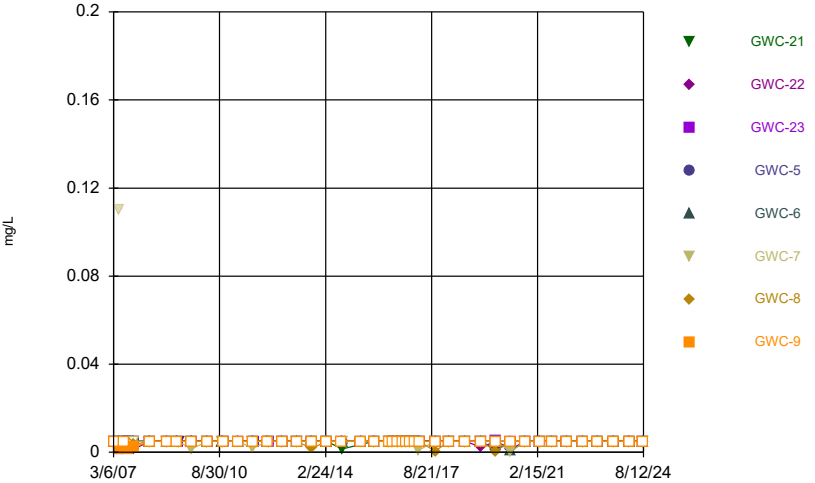
Constituent: Chloride Analysis Run 12/12/2024 1:11 PM
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



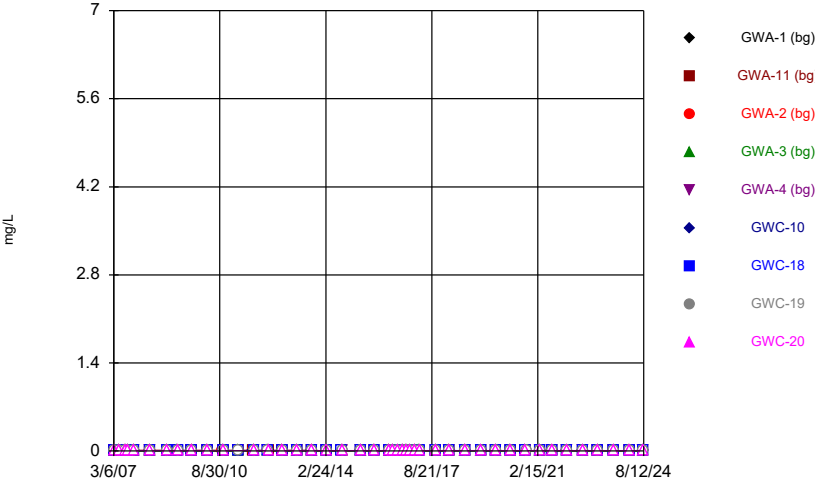
Constituent: Chromium Analysis Run 12/12/2024 1:11 PM
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



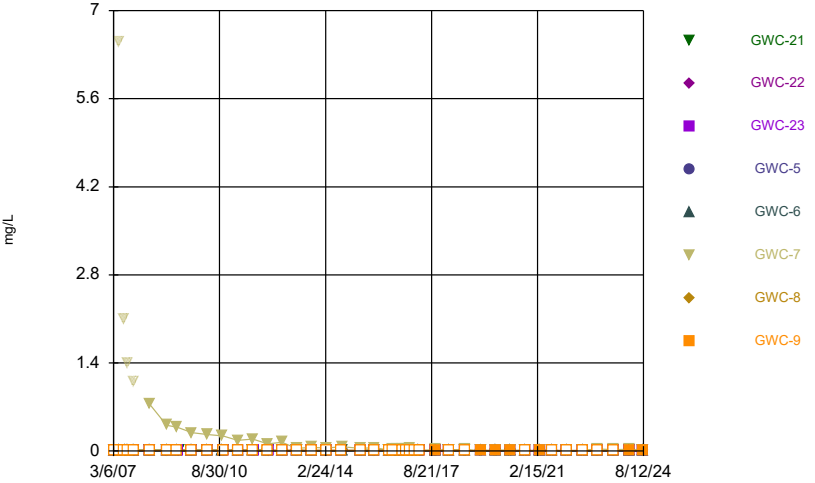
Constituent: Chromium Analysis Run 12/12/2024 1:11 PM
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



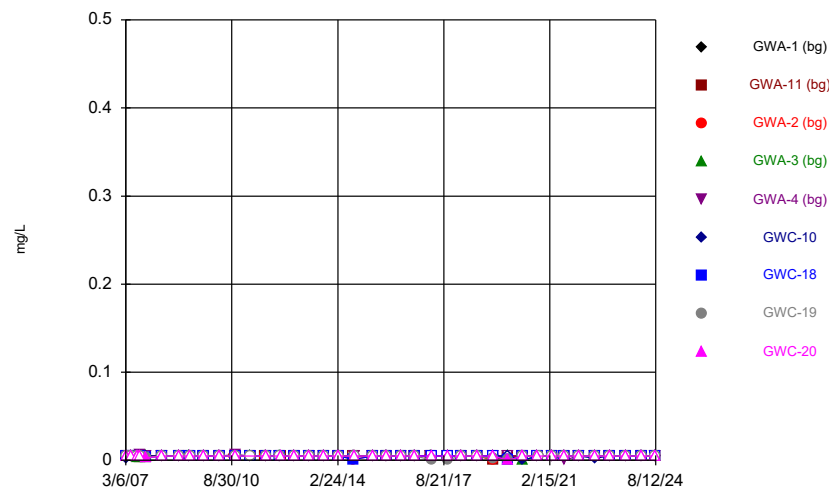
Constituent: Cobalt Analysis Run 12/12/2024 1:11 PM
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series

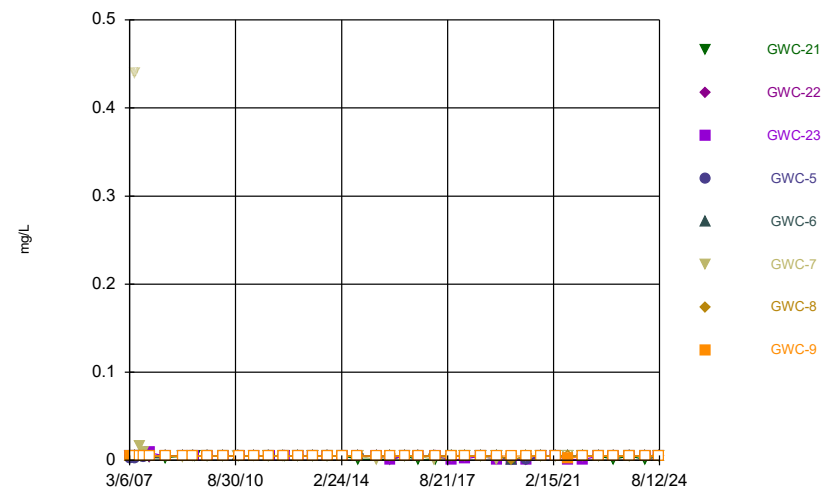


Constituent: Cobalt Analysis Run 12/12/2024 1:11 PM
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

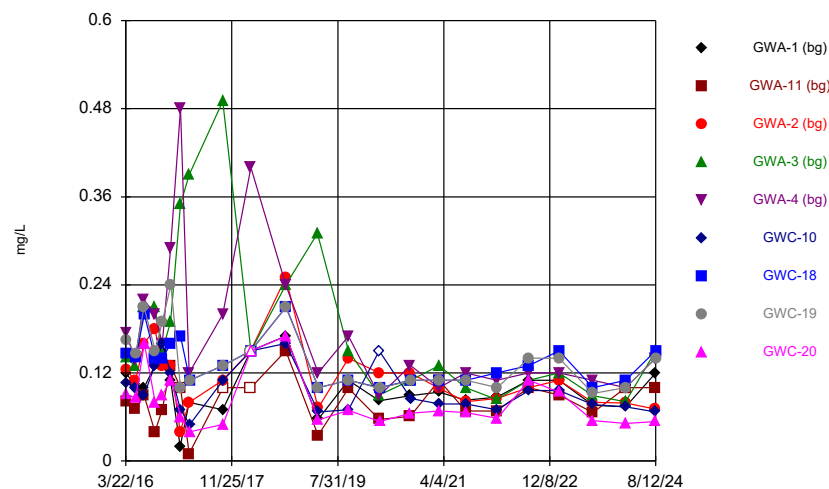
Time Series



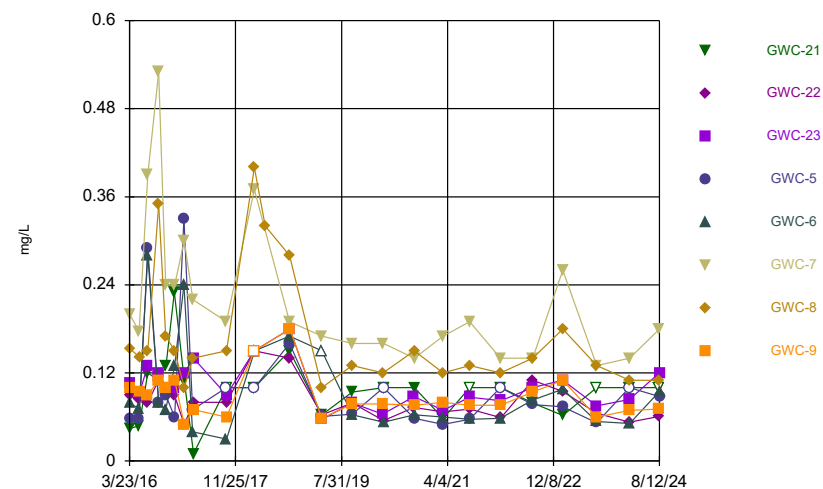
Time Series



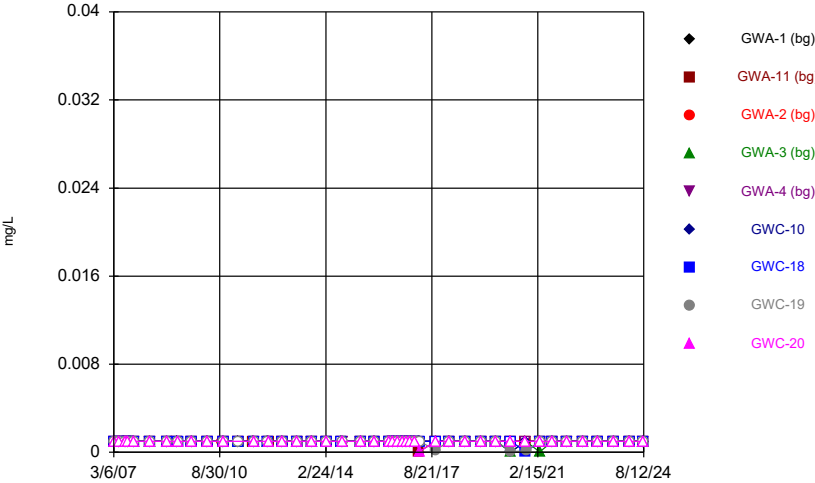
Time Series



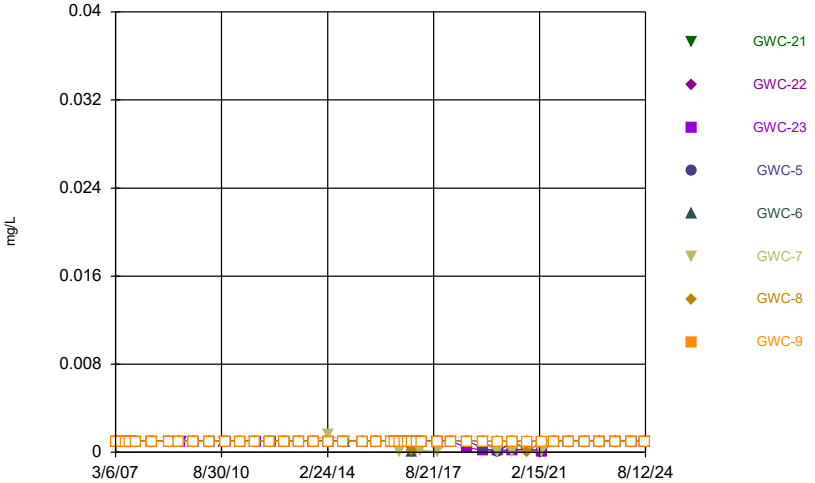
Time Series



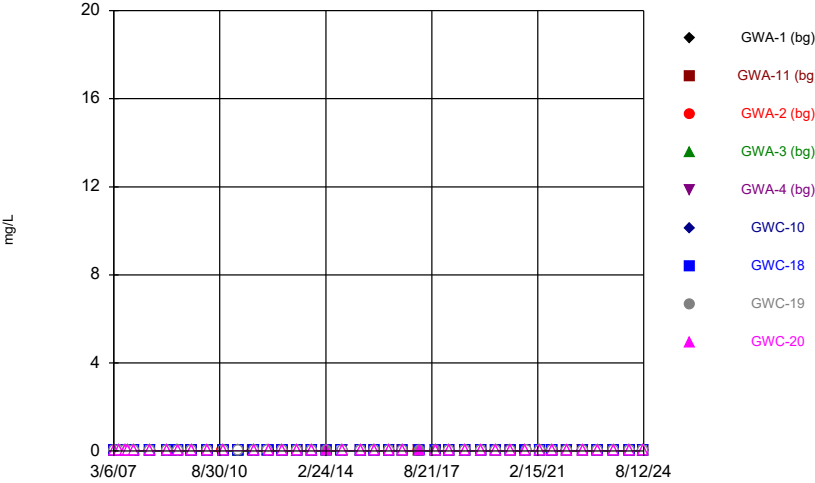
Time Series



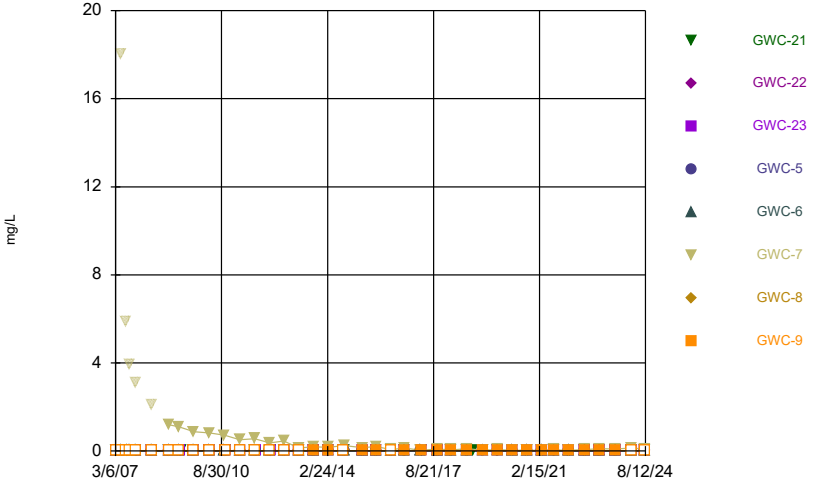
Time Series



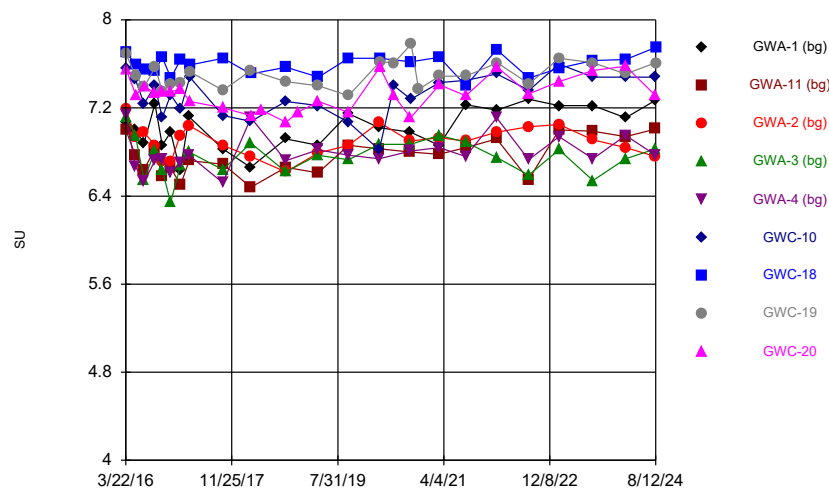
Time Series



Time Series



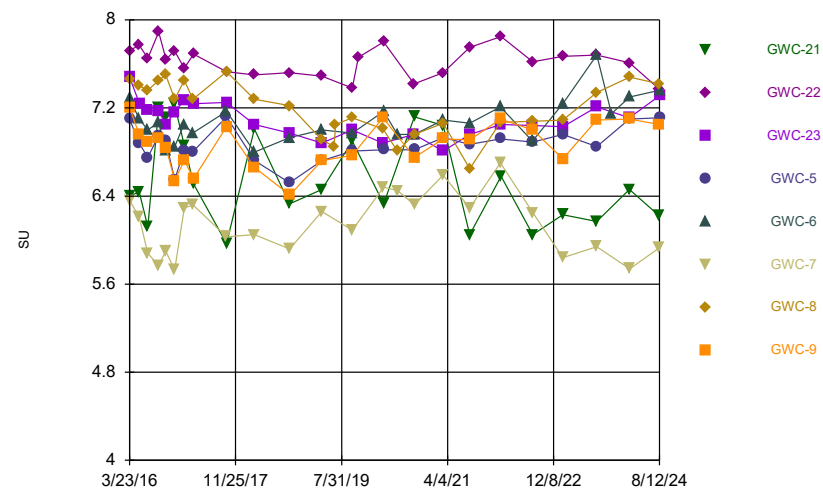
Time Series



Constituent: pH Analysis Run 12/12/2024 1:11 PM

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

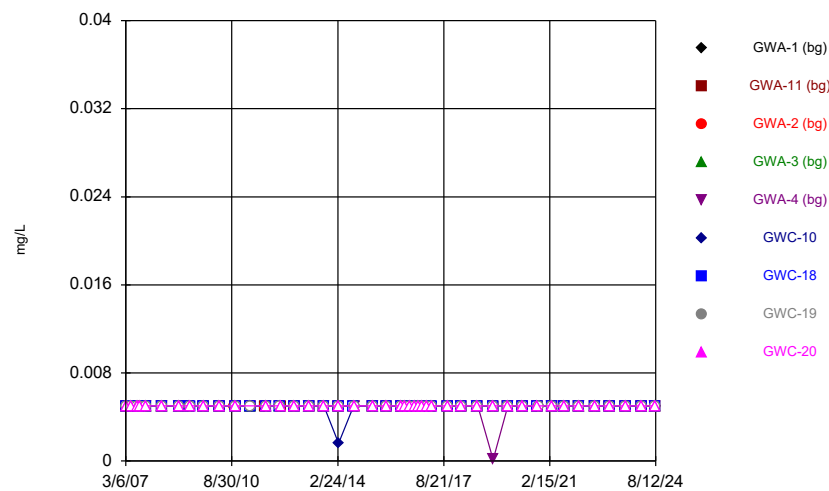
Time Series



Constituent: pH Analysis Run 12/12/2024 1:11 PM

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

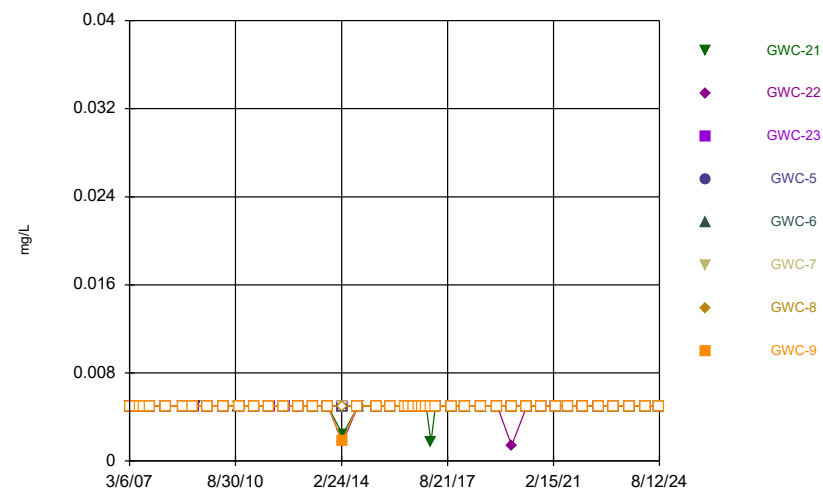
Time Series



Constituent: Selenium Analysis Run 12/12/2024 1:11 PM

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

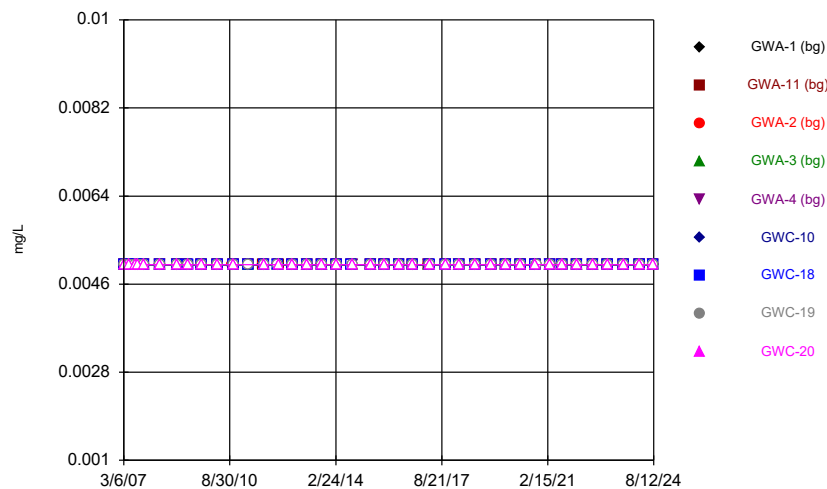
Time Series



Constituent: Selenium Analysis Run 12/12/2024 1:11 PM

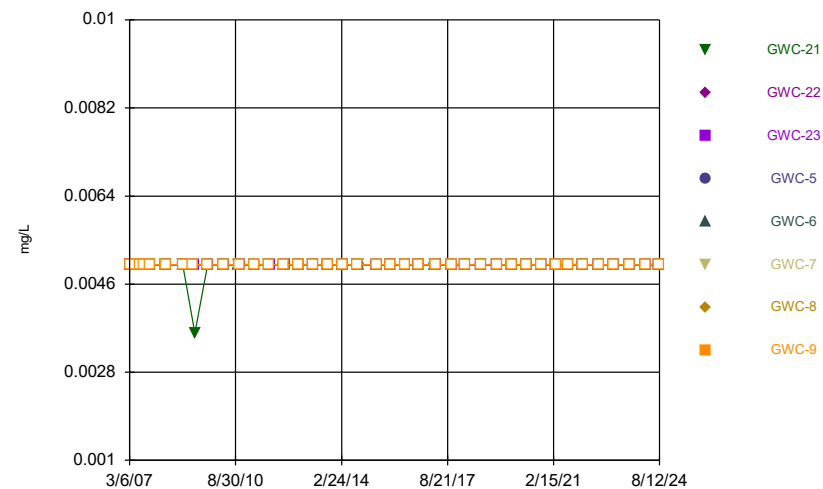
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



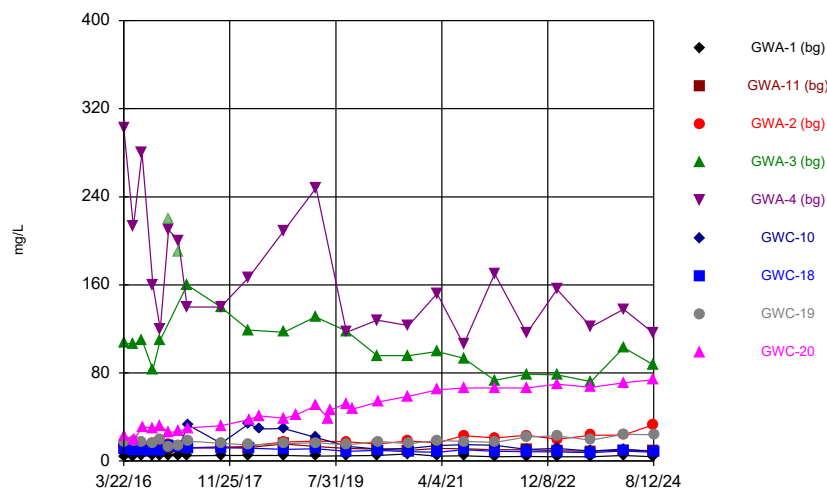
Constituent: Silver Analysis Run 12/12/2024 1:11 PM
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



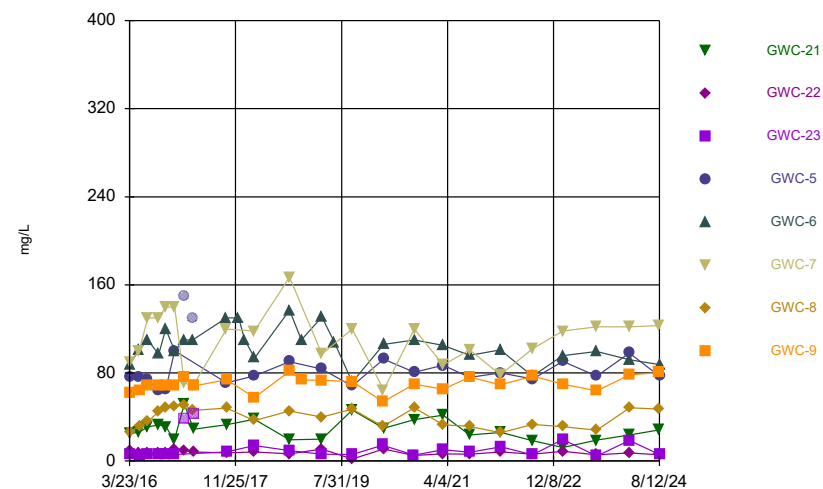
Constituent: Silver Analysis Run 12/12/2024 1:11 PM
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



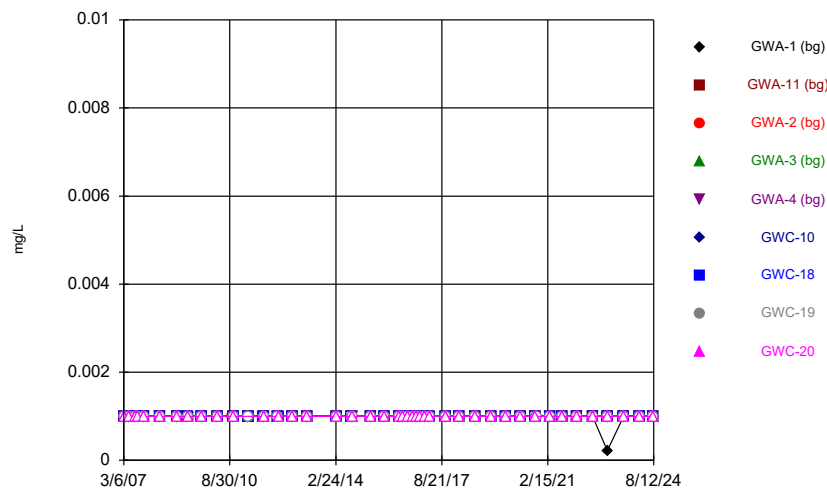
Constituent: Sulfate Analysis Run 12/12/2024 1:11 PM
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



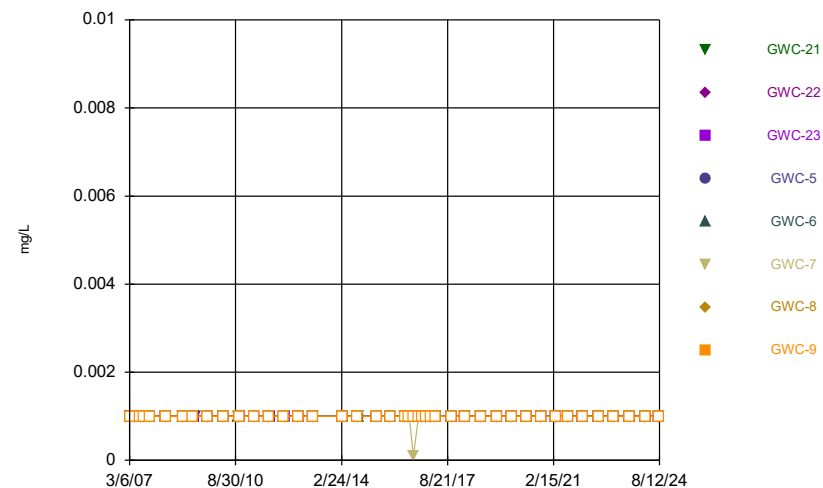
Constituent: Sulfate Analysis Run 12/12/2024 1:11 PM
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



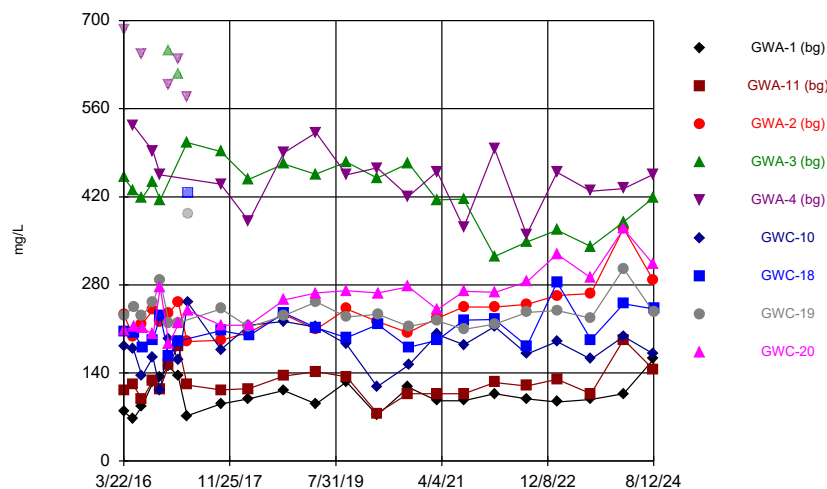
Constituent: Thallium Analysis Run 12/12/2024 1:11 PM
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



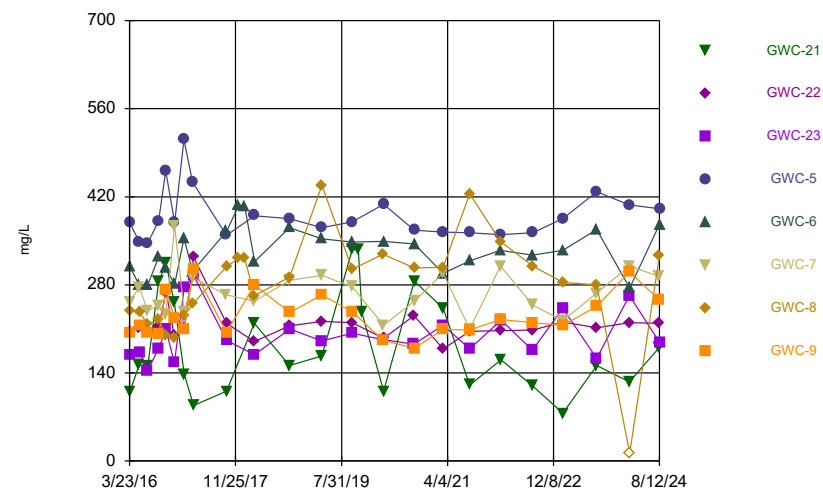
Constituent: Thallium Analysis Run 12/12/2024 1:11 PM
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



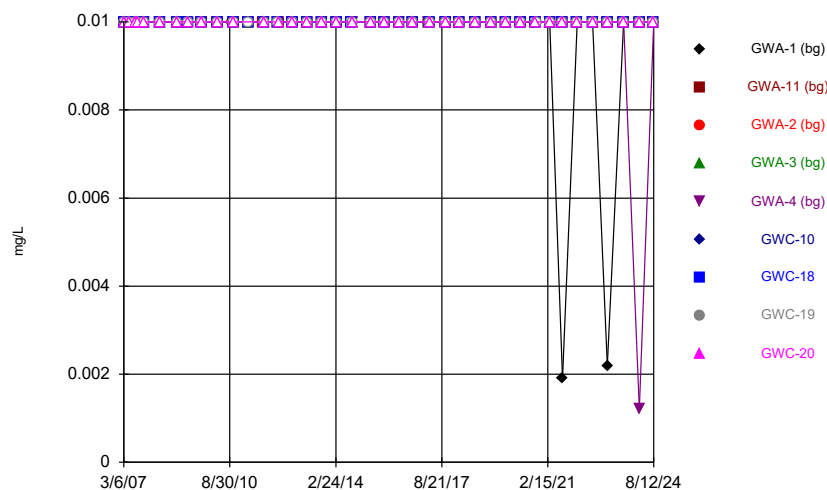
Constituent: Total Dissolved Solids Analysis Run 12/12/2024 1:11 PM
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series

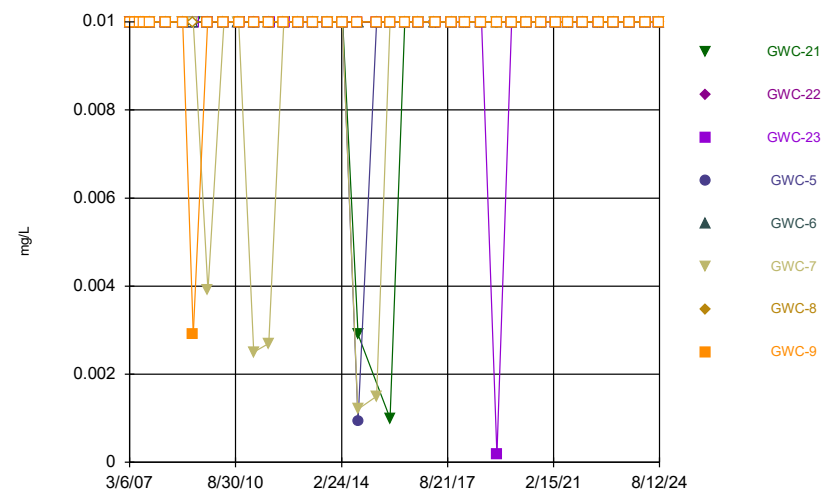


Constituent: Total Dissolved Solids Analysis Run 12/12/2024 1:11 PM
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

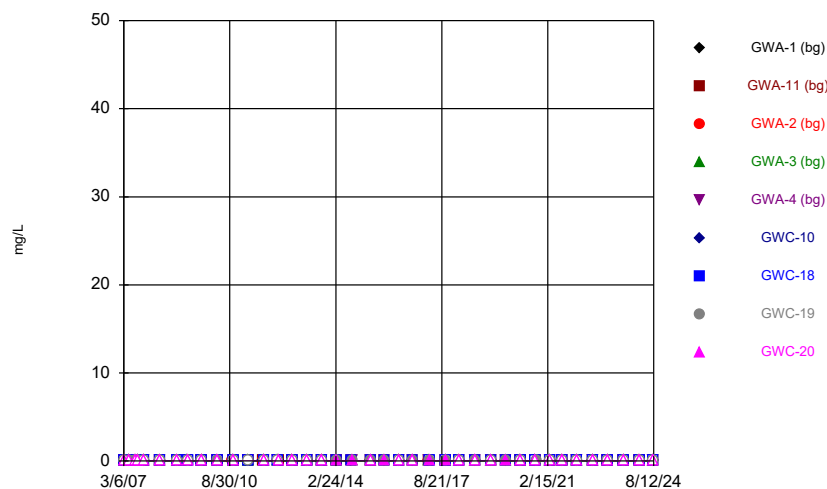
Time Series



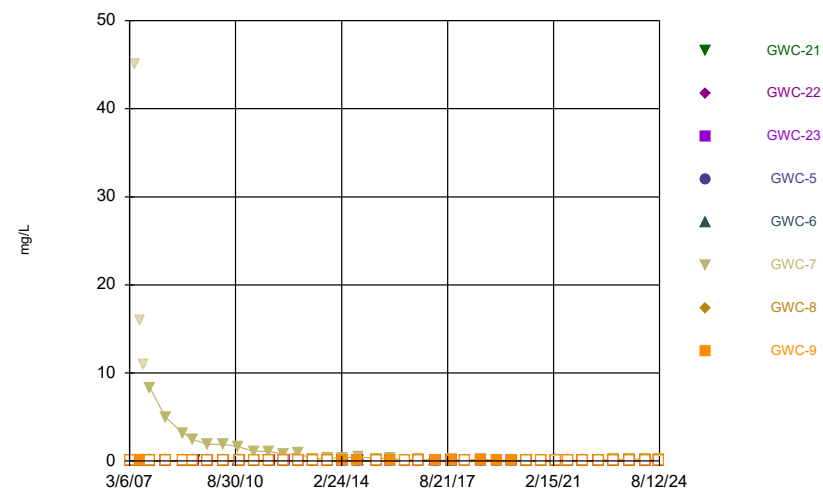
Time Series



Time Series



Time Series



Time Series

Constituent: Antimony (mg/L) Analysis Run 12/12/2024 1:12 PM
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				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Page 2

Constituent: Antimony (mg/L) Analysis Run 12/12/2024 1:12 PM
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 12/12/2024 1:12 PM
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
8/14/2023	0.0028 (J)	<0.003	<0.003	<0.003	<0.003	<0.003			
8/15/2023							0.0028 (J)	<0.003	<0.003
2/19/2024	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003			
2/20/2024							<0.003	<0.003	<0.003
8/10/2024			<0.003						
8/11/2024	<0.003	<0.003		<0.003	<0.003	<0.003			<0.003
8/12/2024							<0.003	<0.003	

Time Series

Constituent: Antimony (mg/L) Analysis Run 12/12/2024 1:12 PM
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	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 12/12/2024 1:12 PM
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
8/14/2023			<0.003		<0.003			
8/15/2023	<0.003	<0.003		<0.003		<0.003	<0.003	<0.003
2/20/2024	<0.003	0.0007 (J)	<0.003	<0.003				<0.003

Time Series

Constituent: Antimony (mg/L) Analysis Run 12/12/2024 1:12 PM
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
2/21/2024					<0.003	<0.003	<0.003	
8/11/2024	<0.003	<0.003				0.0019 (J)	<0.003	<0.003
8/12/2024			<0.003	<0.003	<0.003			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 12/12/2024 1:12 PM
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				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Page 2

Constituent: Arsenic (mg/L) Analysis Run 12/12/2024 1:12 PM
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				
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		0.0025 (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 12/12/2024 1:12 PM
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
8/14/2023	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
8/15/2023							<0.005	<0.005	<0.005
2/19/2024	<0.005	<0.005	<0.005	0.00093 (J)	0.0018 (J)	<0.005			
2/20/2024							<0.005	<0.005	<0.005
8/10/2024			<0.005						
8/11/2024	<0.005	0.001 (J)		<0.005	<0.005	<0.005			<0.005
8/12/2024							<0.005	<0.005	

Time Series

Constituent: Arsenic (mg/L) Analysis Run 12/12/2024 1:12 PM
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 12/12/2024 1:12 PM
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
8/14/2023			<0.005		<0.005			
8/15/2023	<0.005	<0.005		<0.005		0.0077 (J)	<0.005	<0.005

Time Series

Constituent: Arsenic (mg/L) Analysis Run 12/12/2024 1:12 PM
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
2/20/2024	<0.005	<0.005	<0.005	<0.005				<0.005
2/21/2024					<0.005	0.0043 (J)	<0.005	
8/11/2024	<0.005	<0.005				0.0085	<0.005	<0.005
8/12/2024			<0.005	<0.005	<0.005			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Barium (mg/L) Analysis Run 12/12/2024 1:12 PM
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 12/12/2024 1:12 PM
 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

Page 3

Constituent: Barium (mg/L) Analysis Run 12/12/2024 1:12 PM
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
8/14/2023	0.039	0.028	0.19	0.087	0.045	0.12			
8/15/2023							0.077	0.15	0.16
2/19/2024	0.04	0.031	0.19	0.083	0.051	0.14			
2/20/2024							0.083	0.15	0.15
8/10/2024			0.18						
8/11/2024	0.038	0.031		0.084	0.04	0.11			0.16
8/12/2024							0.076	0.14	

Time Series

Constituent: Barium (mg/L) Analysis Run 12/12/2024 1:12 PM
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 12/12/2024 1:12 PM
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
8/14/2023			0.071		0.15			
8/15/2023	0.058	0.092		0.072		0.041	0.12	0.064

Time Series

Constituent: Barium (mg/L) Analysis Run 12/12/2024 1:12 PM
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
2/20/2024	0.052	0.091	0.096	0.07				0.073
2/21/2024					0.15	0.035	0.11	
8/11/2024	0.098	0.1				0.045	0.12	0.068
8/12/2024			0.075	0.073	0.14			

Time Series

Constituent: Beryllium (mg/L) Analysis Run 12/12/2024 1:12 PM
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				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Page 2

Constituent: Beryllium (mg/L) Analysis Run 12/12/2024 1:12 PM
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 12/12/2024 1:12 PM
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
8/14/2023	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			
8/15/2023							<0.0005	<0.0005	<0.0005
2/19/2024	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			
2/20/2024							<0.0005	<0.0005	<0.0005
8/10/2024			<0.0005						
8/11/2024	<0.0005	<0.0005		<0.0005	<0.0005	<0.0005			<0.0005
8/12/2024							<0.0005	<0.0005	

Time Series

Constituent: Beryllium (mg/L) Analysis Run 12/12/2024 1:12 PM
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	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 12/12/2024 1:12 PM
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
8/14/2023			<0.0005		<0.0005			
8/15/2023	<0.0005	<0.0005		<0.0005		0.00027 (J)	<0.0005	<0.0005
2/20/2024	<0.0005	<0.0005	<0.0005	<0.0005				<0.0005

Time Series

Constituent: Beryllium (mg/L) Analysis Run 12/12/2024 1:12 PM
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
2/21/2024					<0.0005	0.00036 (J)	<0.0005	
8/11/2024	<0.0005	<0.0005				0.00013 (J)	<0.0005	<0.0005
8/12/2024			<0.0005	<0.0005	<0.0005			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 12/12/2024 1:12 PM
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	<0.04	0.04 (J)	0.0828 (J)	0.135	0.0815 (J)				
3/23/2016						0.0354 (J)			<0.04
3/24/2016							0.122	0.173	
5/17/2016	<0.04	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				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 12/12/2024 1:12 PM
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)
8/14/2023	0.049	0.038 (J)	0.097	0.15	0.082	0.032 (J)			
8/15/2023							0.14	0.16	0.019 (J)
2/19/2024	0.03 (J)	0.028 (J)	0.083	0.082	0.059	0.028 (J)			
2/20/2024							0.12	0.14	<0.04
8/10/2024			0.072						
8/11/2024	<0.04	0.045		0.13	0.074	0.032 (J)			0.018 (J)
8/12/2024							0.14	0.16	

Time Series

Constituent: Boron (mg/L) Analysis Run 12/12/2024 1:12 PM
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)	<0.04
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)
8/14/2023			0.019 (J)		0.039 (J)			
8/15/2023	0.03 (J)	0.068		0.06		0.03 (J)	0.031 (J)	0.022 (J)
2/20/2024	0.025 (J)	0.066	0.048	0.031 (J)				<0.04
2/21/2024					0.04	0.027 (J)	0.032 (J)	
8/11/2024	0.038 (J)	0.067				0.035 (J)	0.035 (J)	0.017 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 12/12/2024 1:12 PM
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
8/12/2024			0.028 (J)	0.09	0.053			

Time Series

Constituent: Cadmium (mg/L) Analysis Run 12/12/2024 1:12 PM
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				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Page 2

Constituent: Cadmium (mg/L) Analysis Run 12/12/2024 1:12 PM
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 12/12/2024 1:12 PM
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
8/14/2023	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			
8/15/2023							<0.0005	<0.0005	<0.0005
2/19/2024	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			
2/20/2024							<0.0005	<0.0005	<0.0005
8/10/2024			<0.0005						
8/11/2024	<0.0005	<0.0005		<0.0005	<0.0005	<0.0005			<0.0005
8/12/2024							<0.0005	<0.0005	

Time Series

Constituent: Cadmium (mg/L) Analysis Run 12/12/2024 1:12 PM
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	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 12/12/2024 1:12 PM
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
8/14/2023			<0.0005		<0.0005			
8/15/2023	<0.0005	<0.0005		<0.0005		<0.0005	<0.0005	<0.0005
2/20/2024	<0.0005	<0.0005	<0.0005	<0.0005				<0.0005

Time Series

Constituent: Cadmium (mg/L) Analysis Run 12/12/2024 1:12 PM
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
2/21/2024					<0.0005	<0.0005	<0.0005	
8/11/2024	<0.0005	<0.0005				<0.0005	<0.0005	<0.0005
8/12/2024			<0.0005	<0.0005	<0.0005			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Calcium (mg/L) Analysis Run 12/12/2024 1:12 PM
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				

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	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
8/14/2023	17.2	21.8	53.1	57.2	73.5	39.8			
8/15/2023							41	44.6	63.5
2/19/2024	17.9	21.4	54	59	81.3	44.8			
2/20/2024							42.4	47.5	67.1
8/10/2024			59.2						
8/11/2024	19.3	20.8		69.4	83	39.8			67.3
8/12/2024							43.3	48.1	

Time Series

Constituent: Calcium (mg/L) Analysis Run 12/12/2024 1:12 PM
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
8/14/2023			40.7		69.1			
8/15/2023	31.5	47.3		75.8		18.4	70.5	37.6
2/20/2024	22.5	46.8	53.7	78.7				38.9

Time Series

Constituent: Calcium (mg/L) Analysis Run 12/12/2024 1:12 PM
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
2/21/2024					66.7	16.5	77.4	
8/11/2024	40.9	51.8				19.7	77.3	40.1
8/12/2024			47.3	80.8	70.8			

Time Series

Constituent: Chloride (mg/L) Analysis Run 12/12/2024 1:12 PM
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				

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	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
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
8/14/2023	0.99 (J)	1	2.2	1.3	2.5	1			
8/15/2023							0.85 (J)	1.1	1.1
2/19/2024	1.2	1.2	2.3	1.2	3.6	1.2			
2/20/2024							1	1.3	1.3
8/10/2024			2.6						
8/11/2024	1.1	1.3		1.5	3.6	0.95 (J)			1.1
8/12/2024							1.1	1.3	

Time Series

Constituent: Chloride (mg/L) Analysis Run 12/12/2024 1:12 PM
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)
8/14/2023			1.1		1.6			
8/15/2023	5.3	0.95 (J)		2.1		1.7	1.6	0.65 (J)
2/20/2024	5	1.3	0.98 (J)	2.2				0.89 (J)
2/21/2024					1.7	1.9	2	

Time Series

Constituent: Chloride (mg/L) Analysis Run 12/12/2024 1:12 PM
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
8/11/2024	10	1				2	1.7	0.75 (J)
8/12/2024			1.2	2.3	1.8			
12/3/2024	5.4 (R)							

Time Series

Constituent: Chromium (mg/L) Analysis Run 12/12/2024 1:12 PM
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				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

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Constituent: Chromium (mg/L) Analysis Run 12/12/2024 1:12 PM
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 12/12/2024 1:12 PM
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
8/14/2023	<0.005	<0.005	<0.005	<0.005	<0.005	0.0015 (J)			
8/15/2023							<0.005	<0.005	<0.005
2/19/2024	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
2/20/2024							<0.005	<0.005	<0.005
8/10/2024			<0.005						
8/11/2024	<0.005	<0.005		<0.005	<0.005	<0.005			<0.005
8/12/2024							<0.005	<0.005	

Time Series

Constituent: Chromium (mg/L) Analysis Run 12/12/2024 1:12 PM
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	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 12/12/2024 1:12 PM
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
8/14/2023			<0.005		<0.005			
8/15/2023	<0.005	<0.005		<0.005		<0.005	<0.005	<0.005
2/20/2024	<0.005	<0.005	<0.005	<0.005				<0.005

Time Series

Constituent: Chromium (mg/L) Analysis Run 12/12/2024 1:12 PM
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
2/21/2024					<0.005	<0.005	<0.005	
8/11/2024	<0.005	<0.005				<0.005	<0.005	<0.005
8/12/2024			<0.005	<0.005	<0.005			

Time Series

Constituent: Cobalt (mg/L) Analysis Run 12/12/2024 1:12 PM
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)	0.00043 (J)	<0.005			<0.005			
3/10/2014							<0.005	<0.005	<0.005
3/11/2014				<0.005	<0.005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Page 2

Constituent: Cobalt (mg/L) Analysis Run 12/12/2024 1:12 PM
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 12/12/2024 1:12 PM
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
8/14/2023	0.00043 (J)	0.00045 (J)	<0.005	0.00095 (J)	<0.005	<0.005			
8/15/2023							<0.005	<0.005	<0.005
2/19/2024	0.0005 (J)	0.00063 (J)	<0.005	0.00049 (J)	<0.005	<0.005			
2/20/2024							<0.005	<0.005	<0.005
8/10/2024			<0.005						
8/11/2024	0.00043 (J)	0.00056 (J)		0.00035 (J)	<0.005	<0.005			<0.005
8/12/2024							<0.005	<0.005	

Time Series

Constituent: Cobalt (mg/L) Analysis Run 12/12/2024 1:12 PM
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	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 12/12/2024 1:12 PM
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
8/14/2023			<0.005		<0.005			
8/15/2023	0.0032 (J)	<0.005		0.00046 (J)		0.021	0.00077 (J)	<0.005
2/20/2024	0.0029 (J)	<0.005	<0.005	0.00035 (J)				0.00033 (J)

Time Series

Constituent: Cobalt (mg/L) Analysis Run 12/12/2024 1:12 PM
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
2/21/2024					<0.005	0.03	0.00053 (J)	
8/11/2024	0.0022 (J)	<0.005				0.016	0.00054 (J)	0.00033 (J)
8/12/2024			<0.005	0.00072 (J)	<0.005			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 12/12/2024 1:12 PM
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				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 12/12/2024 1:12 PM
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
8/14/2023	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
8/15/2023							<0.005	<0.005	<0.005
2/19/2024	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			

Time Series

Constituent: Copper (mg/L) Analysis Run 12/12/2024 1:12 PM
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
2/20/2024							<0.005	<0.005	<0.005
8/10/2024			<0.005						
8/11/2024	<0.005	<0.005		<0.005	<0.005	<0.005			<0.005
8/12/2024							<0.005	<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 12/12/2024 1:12 PM
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 12/12/2024 1:12 PM
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
8/14/2023			<0.005		<0.005			
8/15/2023	<0.005	<0.005		<0.005		<0.005	<0.005	<0.005
2/20/2024	0.00075 (J)	<0.005	<0.005	<0.005				<0.005
2/21/2024					<0.005	<0.005	<0.005	
8/11/2024	<0.005	<0.005				<0.005	<0.005	<0.005
8/12/2024			<0.005	<0.005	<0.005			

Time Series

Constituent: Fluoride (mg/L) Analysis Run 12/12/2024 1:12 PM

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		<0.1		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		<0.1				0.11 (J)	0.13 (J)	0.13 (J)	0.05 (J)
3/14/2018	<0.3		<0.3						
3/15/2018		<0.1		<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 12/12/2024 1:12 PM
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)
8/14/2023	0.076 (J)	0.066 (J)	0.08 (J)	0.089 (J)	0.11	0.077 (J)			
8/15/2023							0.1	0.092 (J)	0.055 (J)
2/19/2024	0.074 (J)	<0.1	0.079 (J)	0.081 (J)	0.1	0.074 (J)			
2/20/2024							0.11	0.1	0.051 (J)
8/10/2024			0.071 (J)						
8/11/2024	0.12	0.1		0.15	0.14	0.067 (J)			0.054 (J)
8/12/2024							0.15	0.14	

Time Series

Constituent: Fluoride (mg/L) Analysis Run 12/12/2024 1:12 PM

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
8/14/2023			0.075 (J)		0.054 (J)			
8/15/2023	<0.1	0.065 (J)		0.052 (J)		0.13	0.13	0.06 (J)
2/20/2024	<0.1	0.053 (J)	0.084 (J)	<0.1				0.069 (J)
2/21/2024					0.051 (J)	0.14	0.11	
8/11/2024	<0.1	0.061 (J)				0.18	0.11	0.071 (J)
8/12/2024			0.12	0.088 (J)	0.095 (J)			

Time Series

Constituent: Lead (mg/L) Analysis Run 12/12/2024 1:12 PM
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				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Page 2

Constituent: Lead (mg/L) Analysis Run 12/12/2024 1:12 PM
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

Page 3

Constituent: Lead (mg/L) Analysis Run 12/12/2024 1:12 PM
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
8/14/2023	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
8/15/2023							<0.001	<0.001	<0.001
2/19/2024	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
2/20/2024							<0.001	<0.001	<0.001
8/10/2024			<0.001						
8/11/2024	<0.001	<0.001		<0.001	<0.001	<0.001			<0.001
8/12/2024							<0.001	<0.001	

Time Series

Constituent: Lead (mg/L) Analysis Run 12/12/2024 1:12 PM
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	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 12/12/2024 1:12 PM
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
8/14/2023			<0.001		<0.001			
8/15/2023	<0.001	<0.001		<0.001		<0.001	<0.001	<0.001
2/20/2024	<0.001	<0.001	<0.001	<0.001				<0.001

Time Series

Constituent: Lead (mg/L) Analysis Run 12/12/2024 1:12 PM
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
2/21/2024					<0.001	<0.001	<0.001	
8/11/2024	<0.001	<0.001				<0.001	<0.001	<0.001
8/12/2024			<0.001	<0.001	<0.001			

Time Series

Constituent: Nickel (mg/L) Analysis Run 12/12/2024 1:12 PM
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	0.0032				
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				0.0032				
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	0.001 (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				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 12/12/2024 1:12 PM
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	<0.005	<0.005	<0.005	<0.005				
3/23/2016						<0.005			<0.005
3/24/2016							<0.005	<0.005	
9/7/2016	0.0008 (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
8/14/2023	<0.005	0.0016 (J)	<0.005	0.0021 (J)	<0.005	<0.005			
8/15/2023							<0.005	<0.005	<0.005
2/19/2024	<0.005	0.0022 (J)	<0.005	<0.005	<0.005	<0.005			

Time Series

Constituent: Nickel (mg/L) Analysis Run 12/12/2024 1:12 PM
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
2/20/2024							<0.005	<0.005	<0.005
8/10/2024			<0.005						
8/11/2024	<0.005	<0.005		<0.005	<0.005	<0.005			<0.005
8/12/2024							<0.005	<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 12/12/2024 1:12 PM
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	18 (o)	<0.005	
7/6/2007				<0.005		5.9 (o)	<0.005	<0.005
7/17/2007	<0.005	<0.005	<0.005		<0.005			
8/28/2007				<0.005	<0.005	3.9 (o)	<0.005	<0.005
8/29/2007	0.0055	<0.005	<0.005					
11/6/2007				<0.005	<0.005	3.1 (o)	<0.005	<0.005
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	<0.005
12/2/2008						1.2	<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						1.1	<0.005	<0.005
4/14/2009		<0.005	<0.005					
4/27/2009	0.0027							
9/30/2009	0.0051	<0.005					<0.005	<0.005
10/1/2009			<0.005	<0.005	<0.005	0.88		
4/13/2010	0.0031	<0.005			<0.005	0.82	<0.005	<0.005
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	<0.005
10/14/2010				<0.005				
4/5/2011				<0.005	<0.005	0.52	<0.005	<0.005
4/6/2011		<0.005	<0.005					
10/4/2011					<0.005	0.56	<0.005	<0.005
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				<0.005
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	<0.005
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	<0.005
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					<0.005
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 12/12/2024 1:12 PM
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	<0.005
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)
8/14/2023			<0.005		<0.005			
8/15/2023	0.0054	<0.005		<0.005		0.095	<0.005	0.0017 (J)
2/20/2024	0.0053	<0.005	<0.005	<0.005				<0.005
2/21/2024					<0.005	0.13	<0.005	
8/11/2024	0.005	<0.005				0.095	<0.005	<0.005
8/12/2024			<0.005	<0.005	<0.005			

Time Series

Constituent: pH (SU) Analysis Run 12/12/2024 1:12 PM
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				

Page 2

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series

Constituent: pH (SU) Analysis Run 12/12/2024 1:12 PM
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
8/14/2023			7.21		7.68			
8/15/2023	6.17	7.68		6.85		5.94	7.34	7.09

Time Series

Constituent: pH (SU) Analysis Run 12/12/2024 1:12 PM
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
11/8/2023					7.15			
2/20/2024	6.46	7.61	7.11	7.1				7.1
2/21/2024					7.3	5.74	7.48	
8/11/2024	6.22	7.37				5.93	7.42	7.05
8/12/2024			7.31	7.11	7.36			

Time Series

Constituent: Selenium (mg/L) Analysis Run 12/12/2024 1:12 PM
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				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Page 2

Constituent: Selenium (mg/L) Analysis Run 12/12/2024 1:12 PM
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 12/12/2024 1:12 PM
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
8/14/2023	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
8/15/2023							<0.005	<0.005	<0.005
2/19/2024	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
2/20/2024							<0.005	<0.005	<0.005
8/10/2024			<0.005						
8/11/2024	<0.005	<0.005		<0.005	<0.005	<0.005			<0.005
8/12/2024							<0.005	<0.005	

Time Series

Constituent: Selenium (mg/L) Analysis Run 12/12/2024 1:12 PM
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	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 12/12/2024 1:12 PM
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
8/14/2023			<0.005		<0.005			
8/15/2023	<0.005	<0.005		<0.005		<0.005	<0.005	<0.005
2/20/2024	<0.005	<0.005	<0.005	<0.005				<0.005

Time Series

Constituent: Selenium (mg/L) Analysis Run 12/12/2024 1:12 PM
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
2/21/2024					<0.005	<0.005	<0.005	
8/11/2024	<0.005	<0.005				<0.005	<0.005	<0.005
8/12/2024			<0.005	<0.005	<0.005			

Time Series

Constituent: Silver (mg/L) Analysis Run 12/12/2024 1:12 PM
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				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 12/12/2024 1:12 PM
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
8/14/2023	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
8/15/2023							<0.005	<0.005	<0.005
2/19/2024	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			

Time Series

Constituent: Silver (mg/L) Analysis Run 12/12/2024 1:12 PM
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
2/20/2024							<0.005	<0.005	<0.005
8/10/2024			<0.005						
8/11/2024	<0.005	<0.005		<0.005	<0.005	<0.005			<0.005
8/12/2024							<0.005	<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 12/12/2024 1:12 PM
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	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 12/12/2024 1:12 PM
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
8/14/2023			<0.005		<0.005			
8/15/2023	<0.005	<0.005		<0.005		<0.005	<0.005	<0.005
2/20/2024	<0.005	<0.005	<0.005	<0.005				<0.005
2/21/2024					<0.005	<0.005	<0.005	
8/11/2024	<0.005	<0.005				<0.005	<0.005	<0.005
8/12/2024			<0.005	<0.005	<0.005			

Time Series

Constituent: Sulfate (mg/L) Analysis Run 12/12/2024 1:12 PM
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 (o)	210	11			
12/7/2016			15					13	26
12/8/2016							14		
1/31/2017	5.1		13						
2/1/2017		13		190 (o)	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		

Page 2

	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
8/14/2023	3.9	8.9	23.4	72.3	122	9			
8/15/2023							7.7	19.1	67.1
2/19/2024	5.1	9.9	23.7	103	138	10.8			
2/20/2024							9.1	24.3	71
8/10/2024			33.1						
8/11/2024	3.9	9.3		87.2	116	8.5			74
8/12/2024							8.1	24	

Time Series

Constituent: Sulfate (mg/L) Analysis Run 12/12/2024 1:12 PM
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 (o)	110			
2/2/2017	52	9.9				71	51	76
2/3/2017			38 (o)					
3/23/2017				130 (o)	110			
3/24/2017						68	46	
3/27/2017	29	8.4	43 (o)					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
8/14/2023			4.6		99.5			
8/15/2023	18.9	5.6		77.2		122	28.1	63.9
2/20/2024	23.8	7.3	18.6	98.1				78.2
2/21/2024					91.9	122	48.3	

Time Series

Constituent: Sulfate (mg/L) Analysis Run 12/12/2024 1:12 PM
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
8/11/2024	28.4	5.7				123	47.1	80.4
8/12/2024			6	77.2	87.7			

Time Series

Constituent: Thallium (mg/L) Analysis Run 12/12/2024 1:12 PM
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

Page 2

Constituent: Thallium (mg/L) Analysis Run 12/12/2024 1:12 PM
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 12/12/2024 1:12 PM
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
8/14/2023	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
8/15/2023							<0.001	<0.001	<0.001
2/19/2024	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
2/20/2024							<0.001	<0.001	<0.001
8/10/2024			<0.001						
8/11/2024	<0.001	<0.001		<0.001	<0.001	<0.001			<0.001
8/12/2024							<0.001	<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 12/12/2024 1:12 PM
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					

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 12/12/2024 1:12 PM
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
8/14/2023			<0.001		<0.001			
8/15/2023	<0.001	<0.001		<0.001		<0.001	<0.001	<0.001
2/20/2024	<0.001	<0.001	<0.001	<0.001				<0.001
2/21/2024					<0.001	<0.001	<0.001	
8/11/2024	<0.001	<0.001				<0.001	<0.001	<0.001
8/12/2024			<0.001	<0.001	<0.001			

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 12/12/2024 1:12 PM

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

[illegible]

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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
8/14/2023	98	107	266	341	429	162			
8/15/2023							193	227	291
2/19/2024	107	193	370	380	433	198			
2/20/2024							250	306	369
8/10/2024			287						
8/11/2024	162	145		419	456	170			312
8/12/2024							242	236	

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 12/12/2024 1:12 PM

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
8/14/2023			163		368			
8/15/2023	152	212		428		267	280	246
2/20/2024	126	220	263	407				301
2/21/2024					275	310	<25	

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 12/12/2024 1:12 PM
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
8/11/2024	181	219				293	327	256
8/12/2024			189	401	376			

Time Series

Constituent: Vanadium (mg/L) Analysis Run 12/12/2024 1:12 PM
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				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 12/12/2024 1:12 PM
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
8/14/2023	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			
8/15/2023							<0.01	<0.01	<0.01
2/19/2024	<0.01	<0.01	<0.01	<0.01	0.0012 (J)	<0.01			

Time Series

Constituent: Vanadium (mg/L) Analysis Run 12/12/2024 1:12 PM
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
2/20/2024							<0.01	<0.01	<0.01
8/10/2024			<0.01						
8/11/2024	<0.01	<0.01		<0.01	<0.01	<0.01			<0.01
8/12/2024							<0.01	<0.01	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 12/12/2024 1:12 PM
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 12/12/2024 1:12 PM
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
8/14/2023			<0.01		<0.01			
8/15/2023	<0.01	<0.01		<0.01		<0.01	<0.01	<0.01
2/20/2024	<0.01	<0.01	<0.01	<0.01				<0.01
2/21/2024					<0.01	<0.01	<0.01	
8/11/2024	<0.01	<0.01				<0.01	<0.01	<0.01
8/12/2024			<0.01	<0.01	<0.01			

Time Series

Constituent: Zinc (mg/L) Analysis Run 12/12/2024 1:12 PM
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				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 12/12/2024 1:12 PM
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
8/14/2023	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			
8/15/2023							<0.01	<0.01	<0.01
2/19/2024	<0.01	<0.01	<0.01	0.0025 (J)	<0.01	<0.01			

Time Series

Constituent: Zinc (mg/L) Analysis Run 12/12/2024 1:12 PM
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
2/20/2024							<0.01	<0.01	<0.01
8/10/2024			<0.01						
8/11/2024	<0.01	<0.01		0.0026 (J)	<0.01	<0.01			<0.01
8/12/2024							<0.01	<0.01	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 12/12/2024 1:12 PM
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)	

ND substitution: RL or RL/2 if <15% NDs.

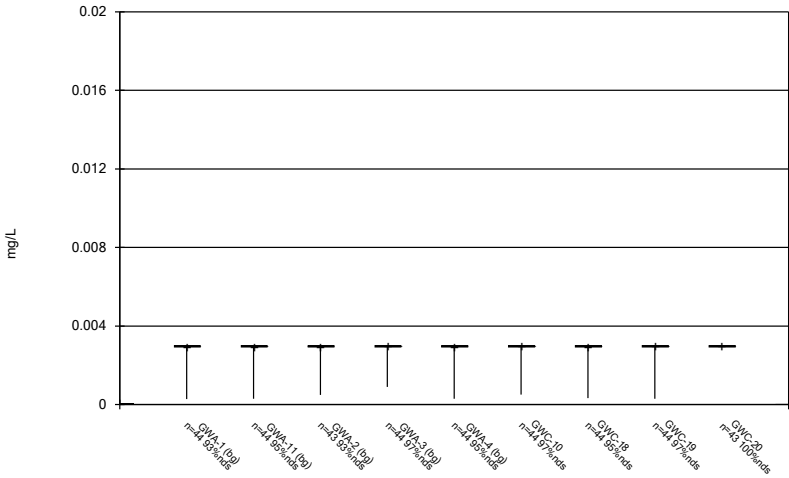
Time Series

Constituent: Zinc (mg/L) Analysis Run 12/12/2024 1:12 PM
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
8/14/2023			<0.01		<0.01			
8/15/2023	<0.01	<0.01		<0.01		0.2	<0.01	<0.01
2/20/2024	0.0068 (J)	<0.01	<0.01	<0.01				<0.01
2/21/2024					<0.01	0.27	<0.01	
8/11/2024	0.0048 (J)	<0.01				0.16	<0.01	<0.01
8/12/2024			<0.01	<0.01	<0.01			

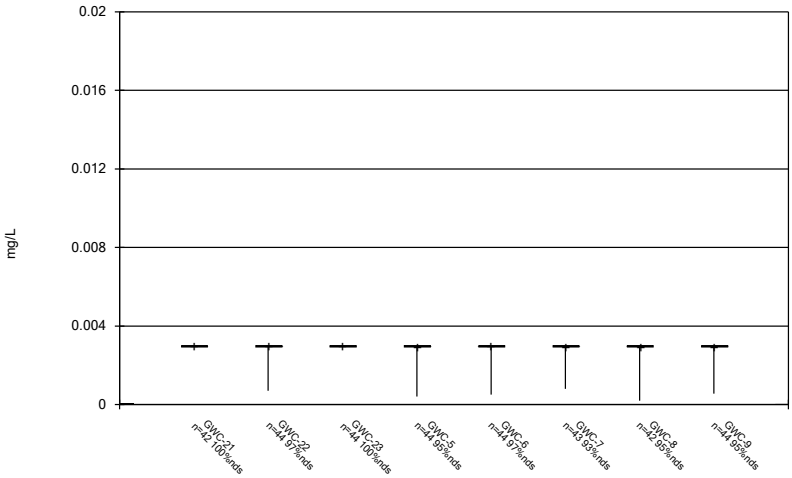
FIGURE B.

Box & Whiskers Plot



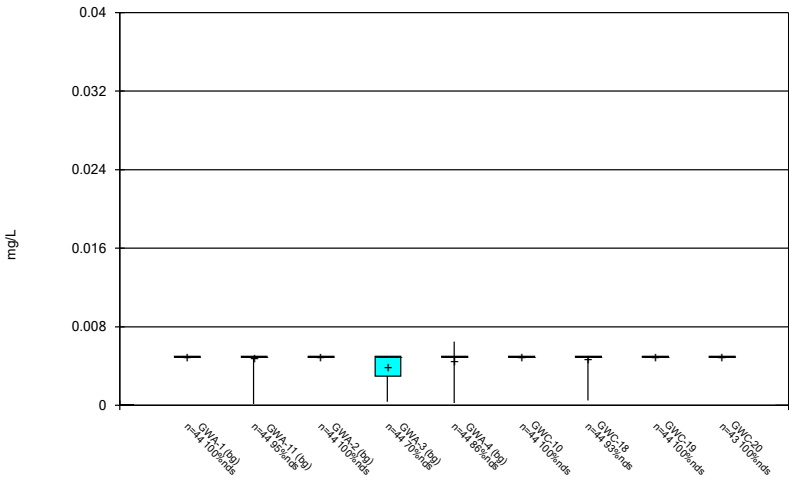
Constituent: Antimony Analysis Run 12/12/2024 1:15 PM
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



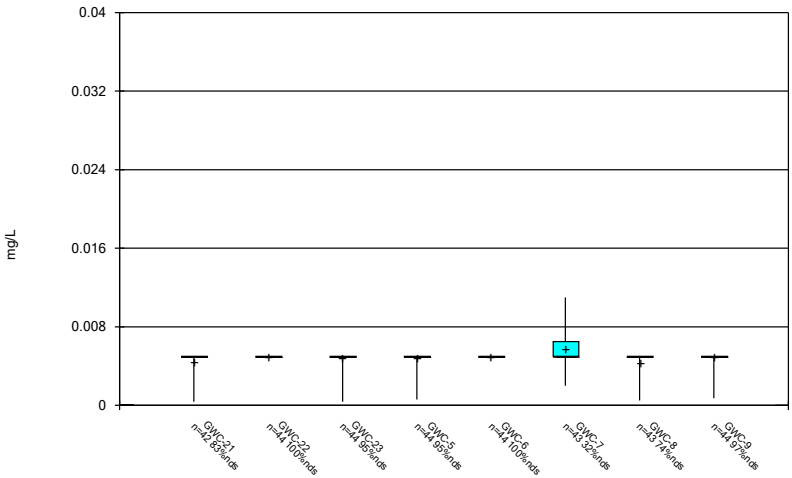
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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



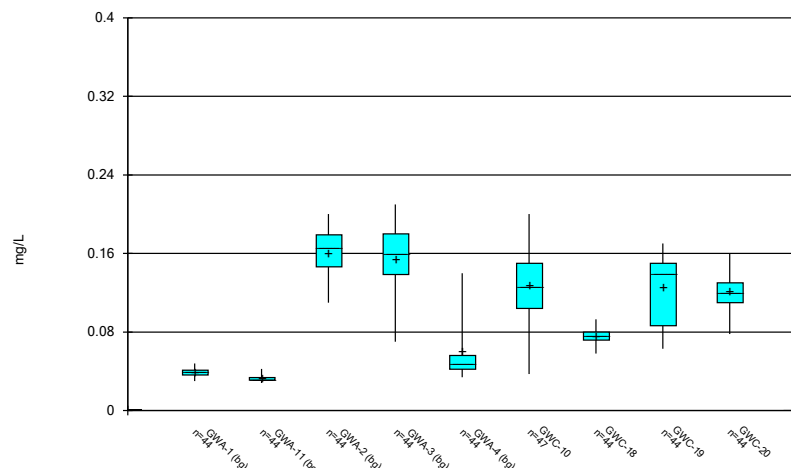
Constituent: Arsenic Analysis Run 12/12/2024 1:15 PM
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



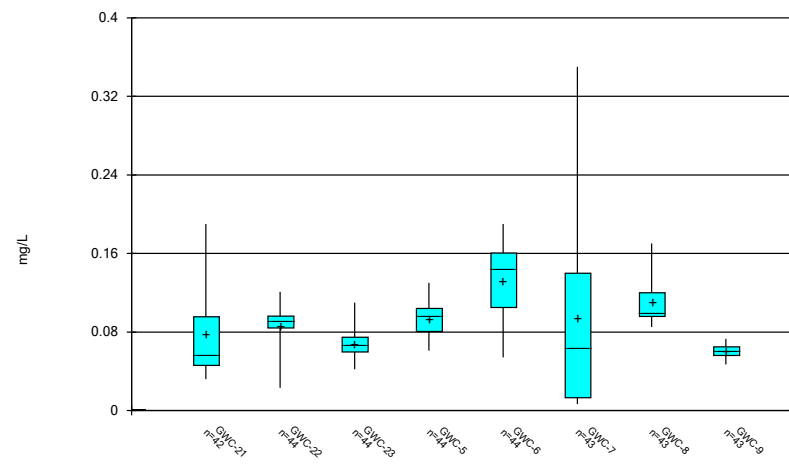
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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



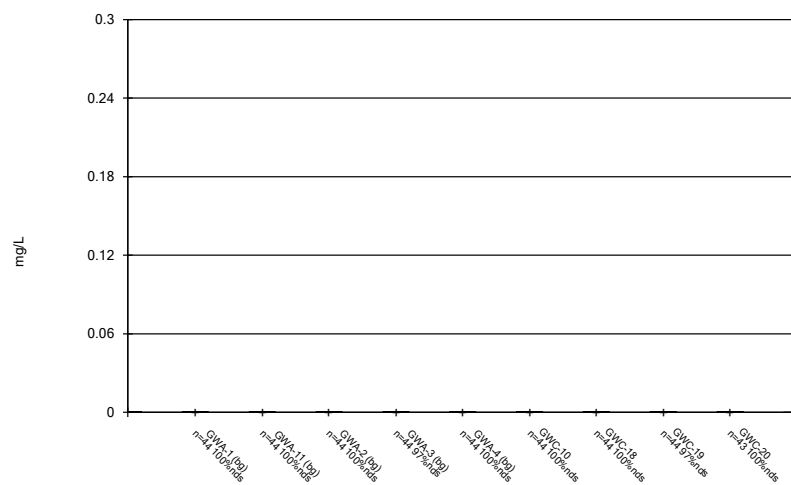
Constituent: Barium Analysis Run 12/12/2024 1:15 PM
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



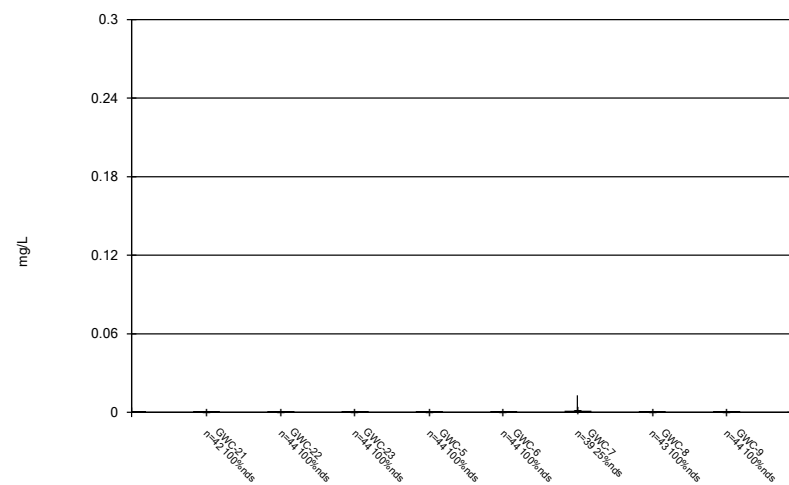
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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



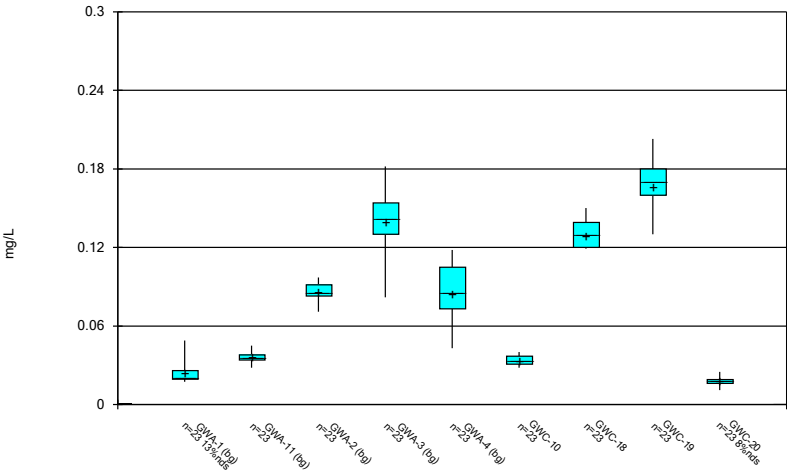
Constituent: Beryllium Analysis Run 12/12/2024 1:15 PM
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



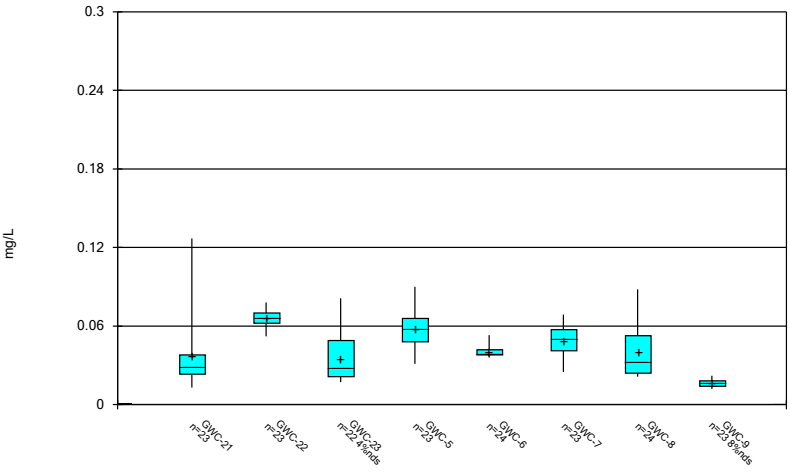
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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



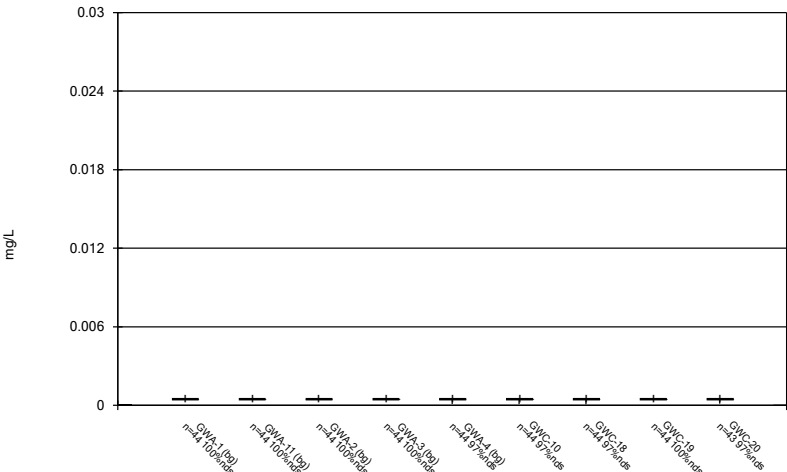
Constituent: Boron Analysis Run 12/12/2024 1:15 PM
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



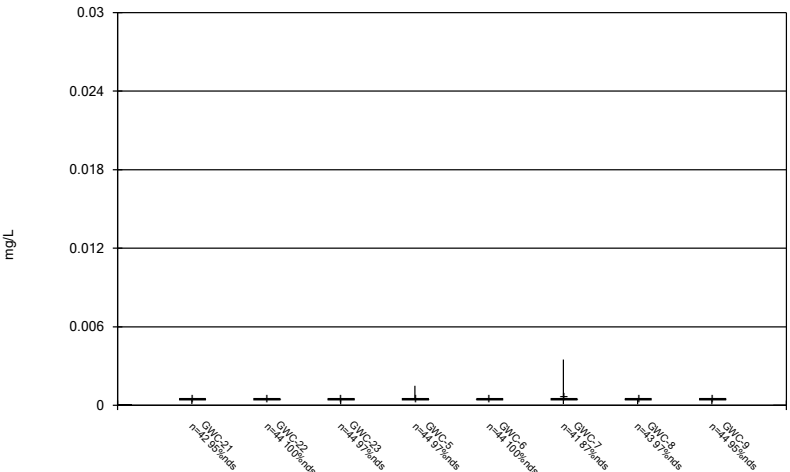
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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



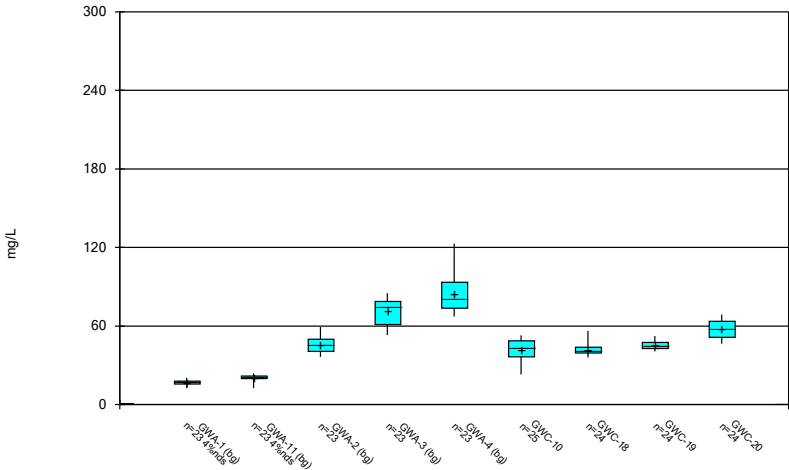
Constituent: Cadmium Analysis Run 12/12/2024 1:15 PM
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



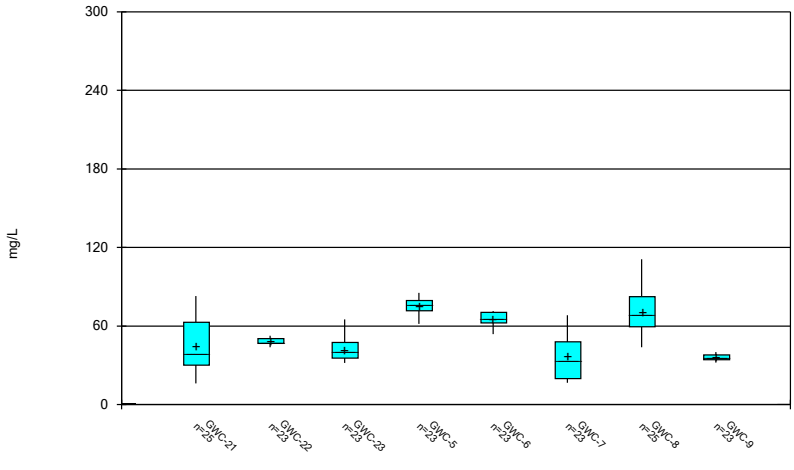
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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



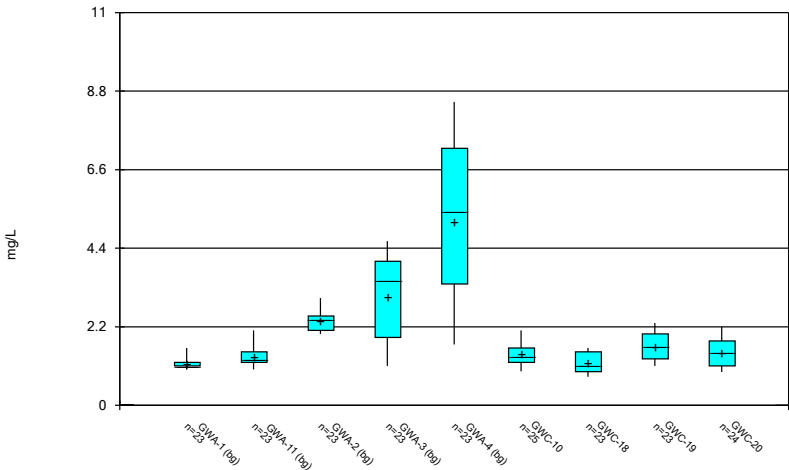
Constituent: Calcium Analysis Run 12/12/2024 1:15 PM
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



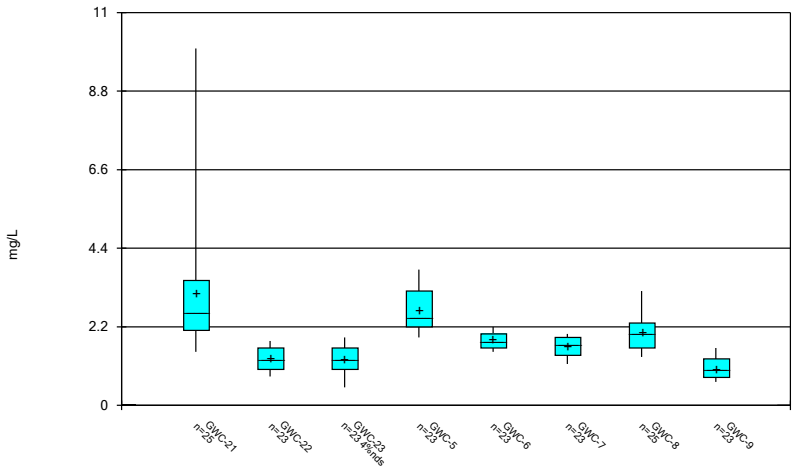
Constituent: Calcium Analysis Run 12/12/2024 1:15 PM
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



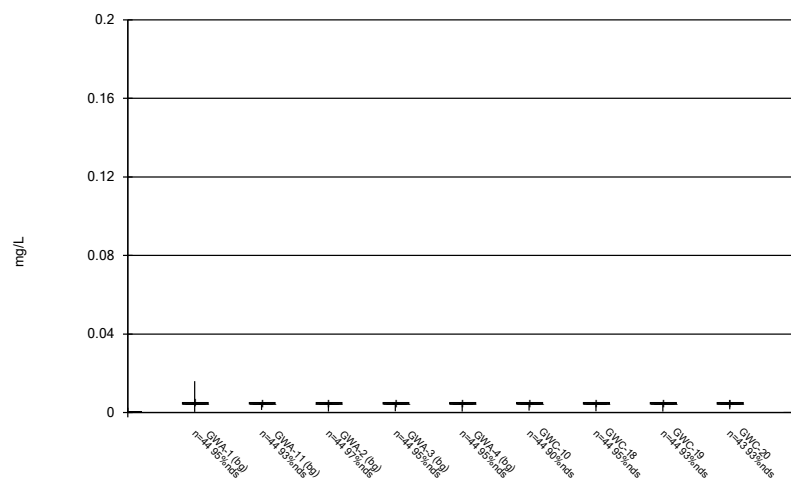
Constituent: Chloride Analysis Run 12/12/2024 1:15 PM
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



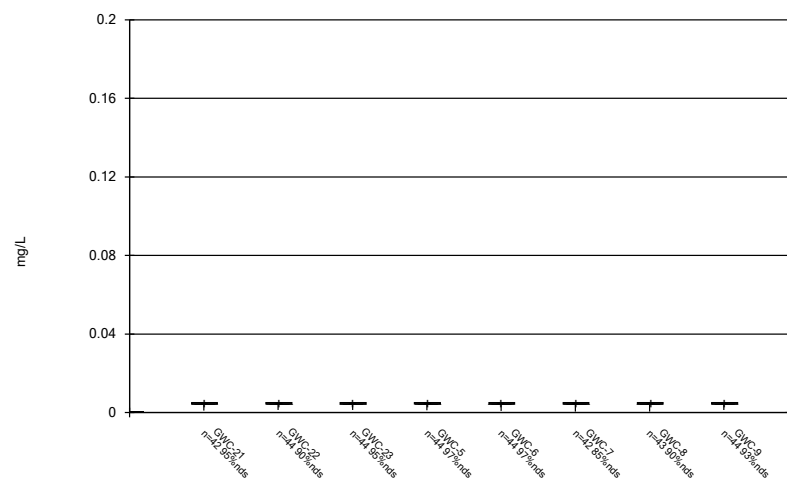
Constituent: Chloride Analysis Run 12/12/2024 1:15 PM
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



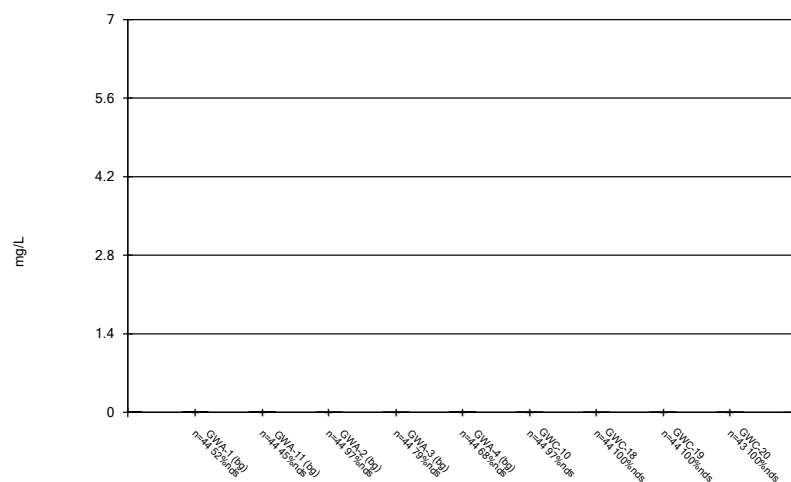
Constituent: Chromium Analysis Run 12/12/2024 1:16 PM
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



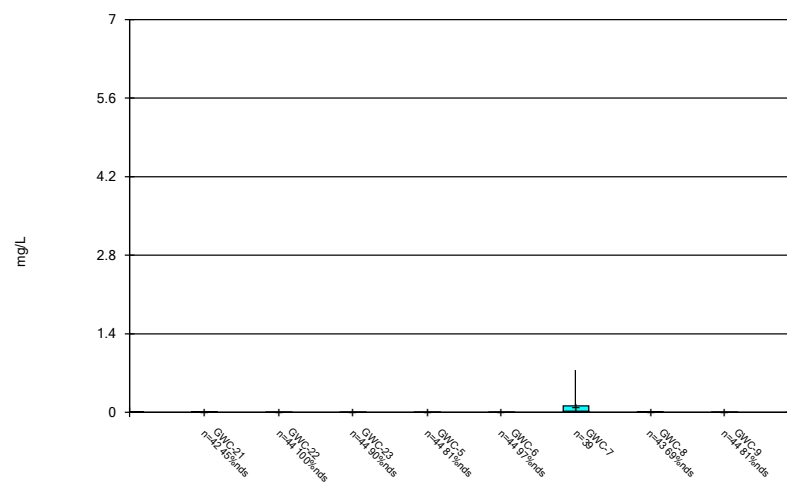
Constituent: Chromium Analysis Run 12/12/2024 1:16 PM
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



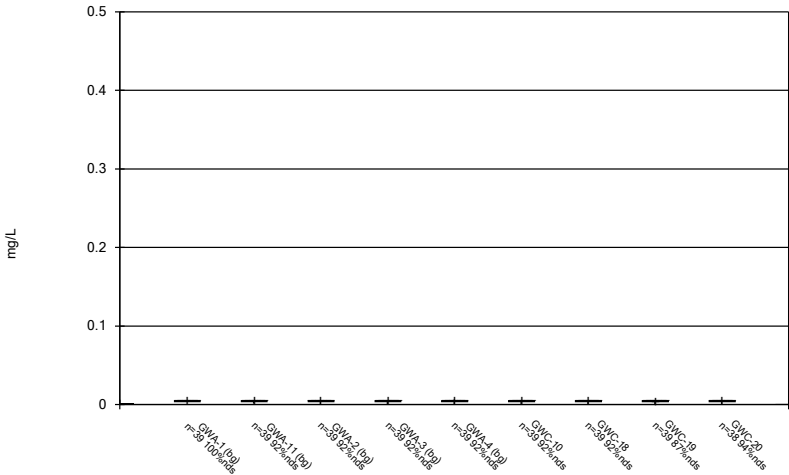
Constituent: Cobalt Analysis Run 12/12/2024 1:16 PM
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



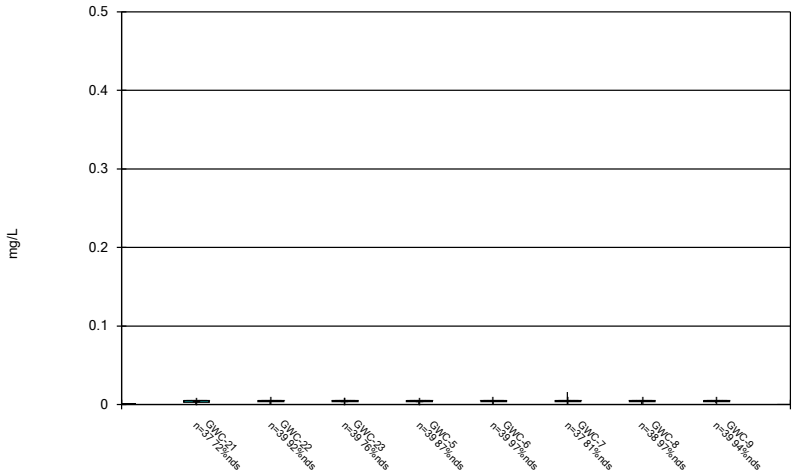
Constituent: Cobalt Analysis Run 12/12/2024 1:16 PM
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



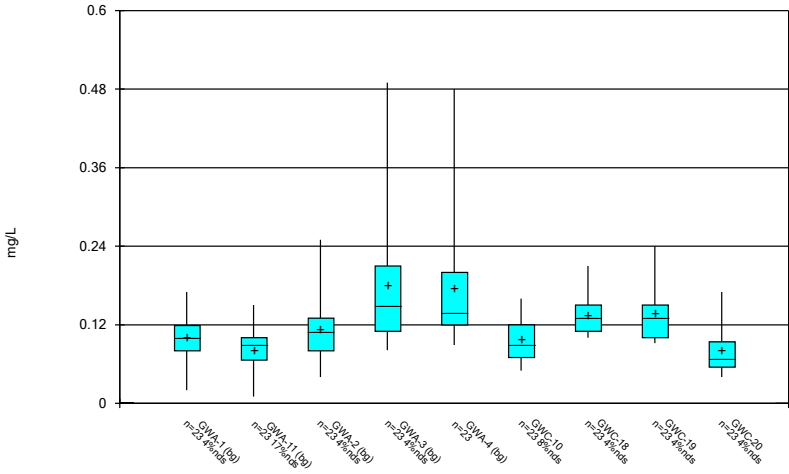
Constituent: Copper Analysis Run 12/12/2024 1:16 PM
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



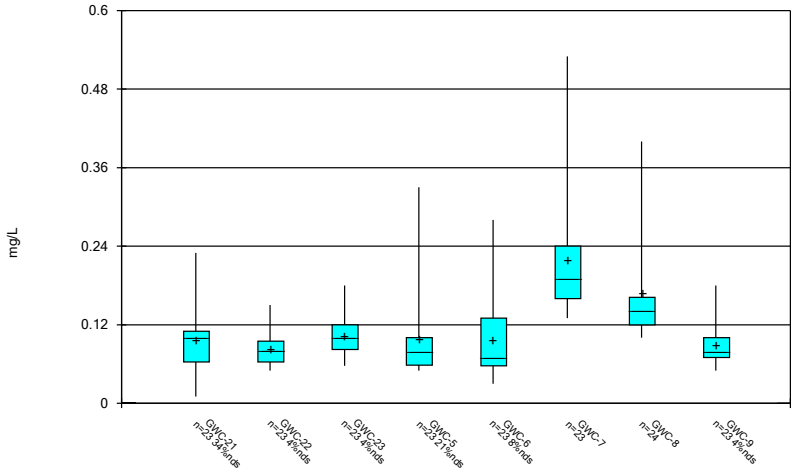
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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



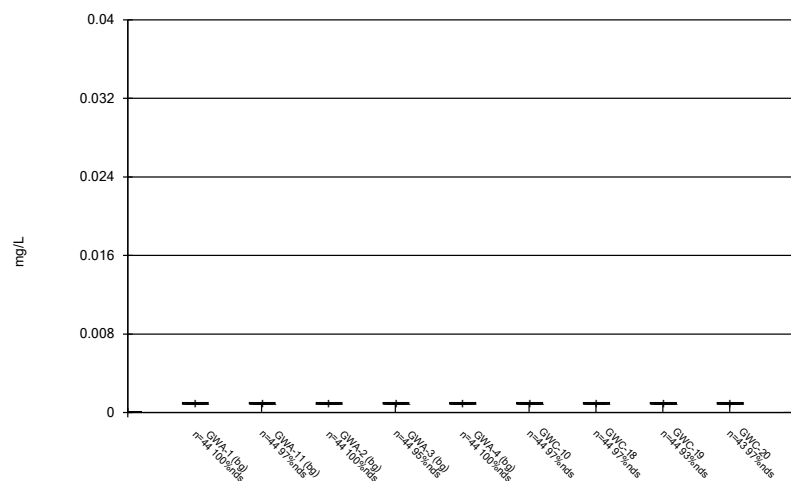
Constituent: Fluoride Analysis Run 12/12/2024 1:16 PM
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



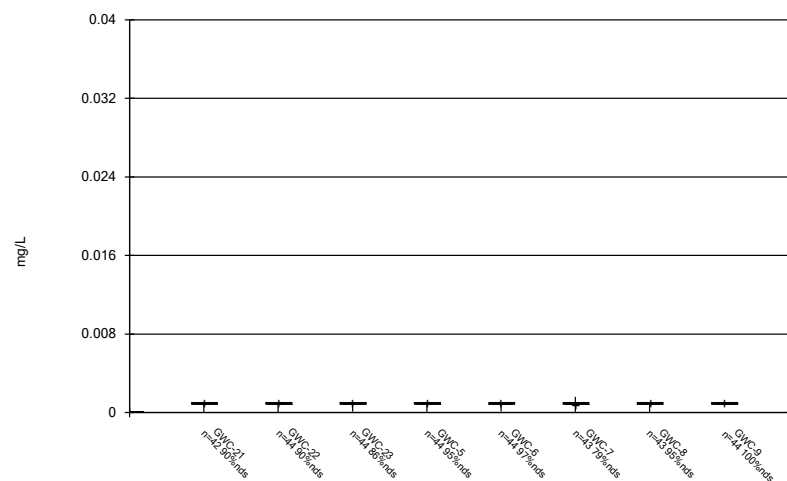
Constituent: Fluoride Analysis Run 12/12/2024 1:16 PM
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



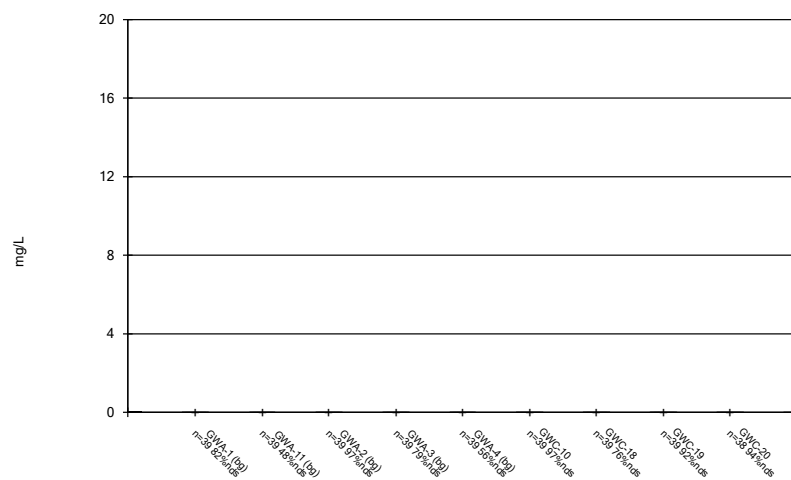
Constituent: Lead Analysis Run 12/12/2024 1:16 PM
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



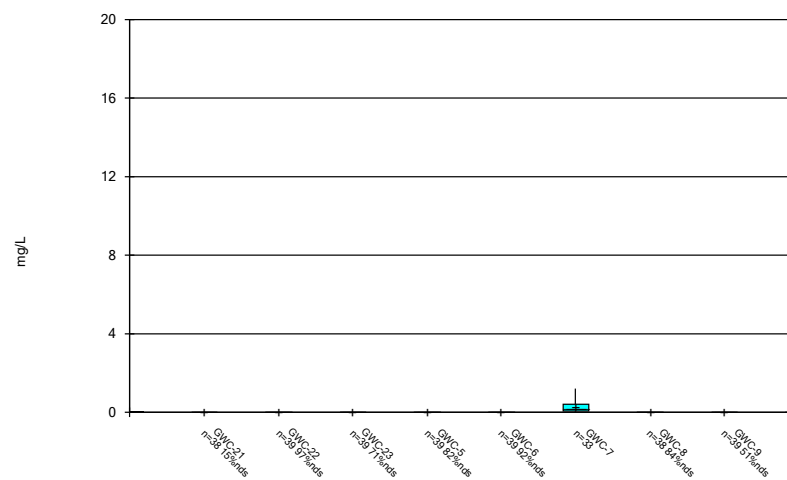
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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



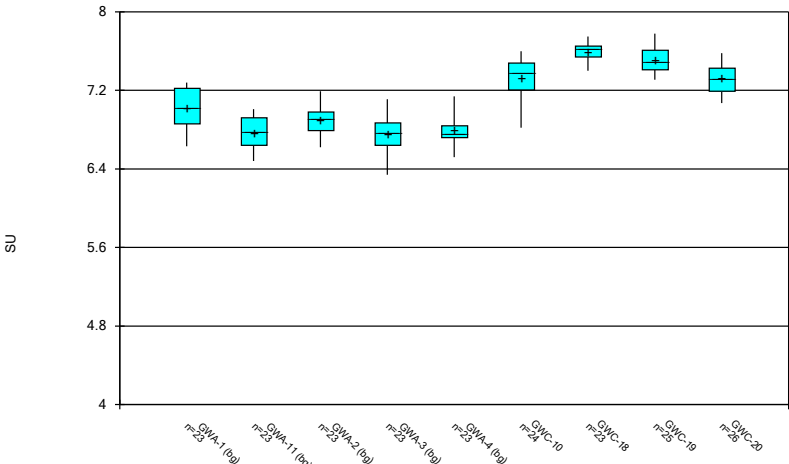
Constituent: Nickel Analysis Run 12/12/2024 1:16 PM
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



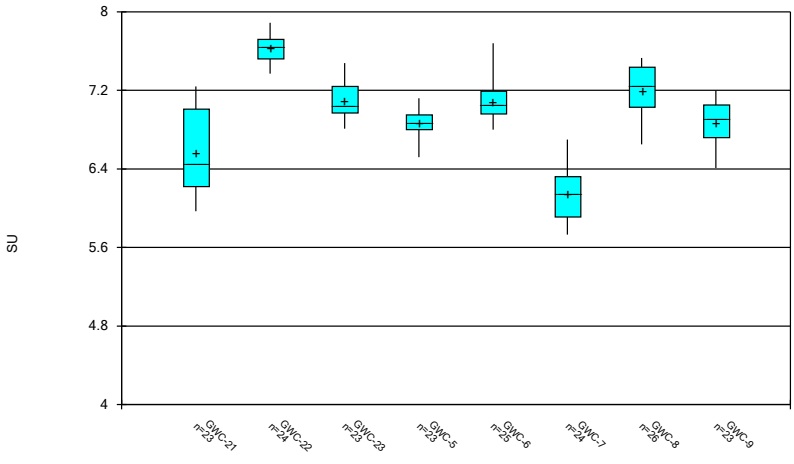
Constituent: Nickel Analysis Run 12/12/2024 1:16 PM
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



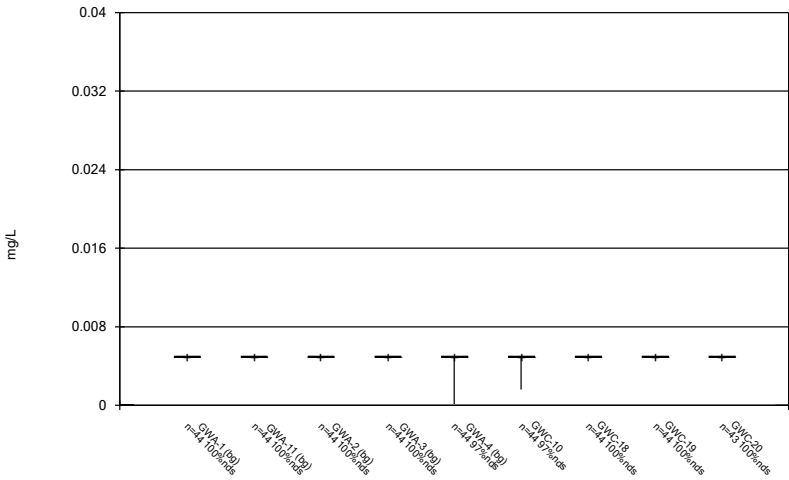
Constituent: pH Analysis Run 12/12/2024 1:16 PM
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



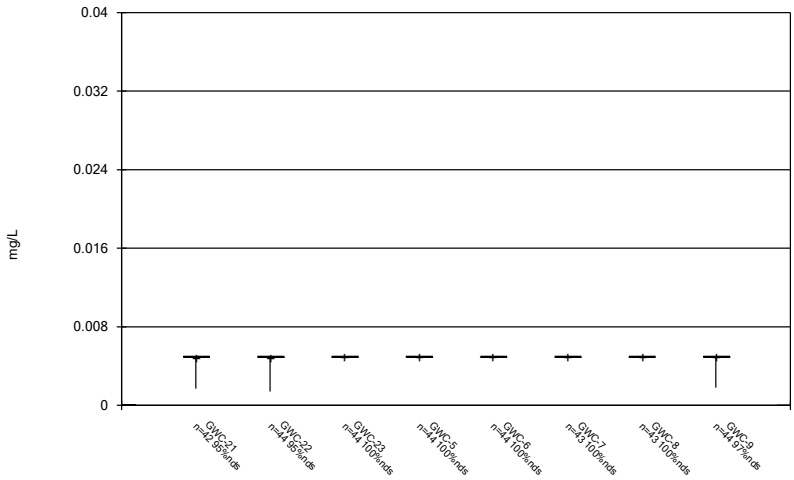
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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



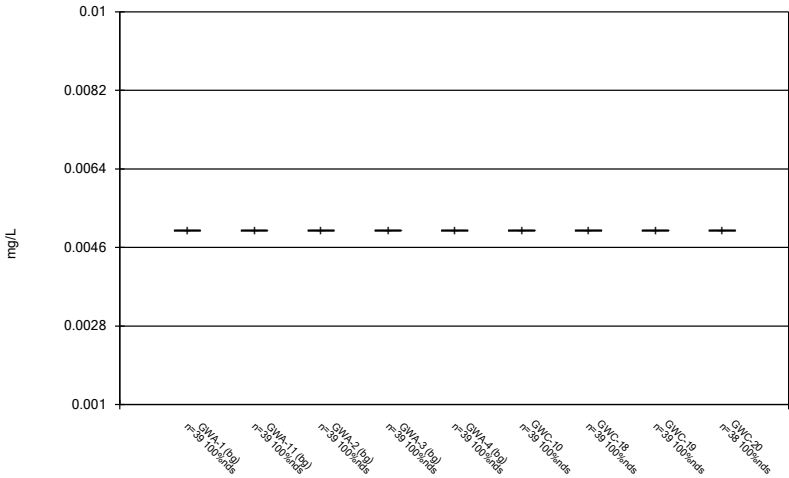
Constituent: Selenium Analysis Run 12/12/2024 1:16 PM
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



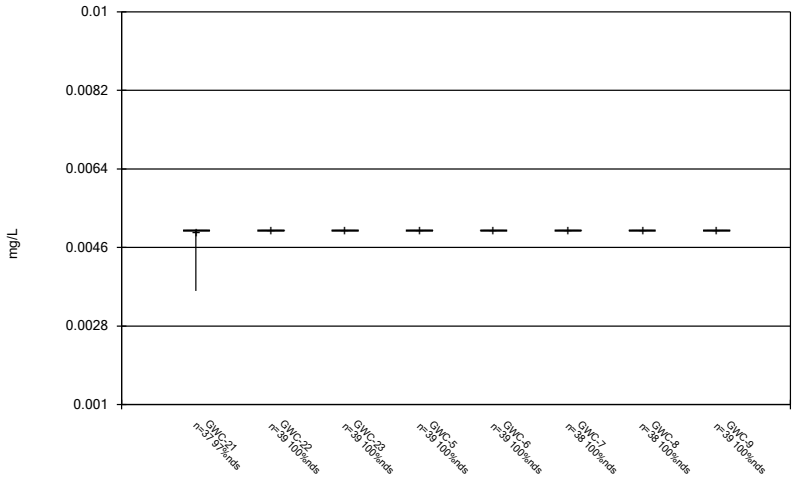
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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



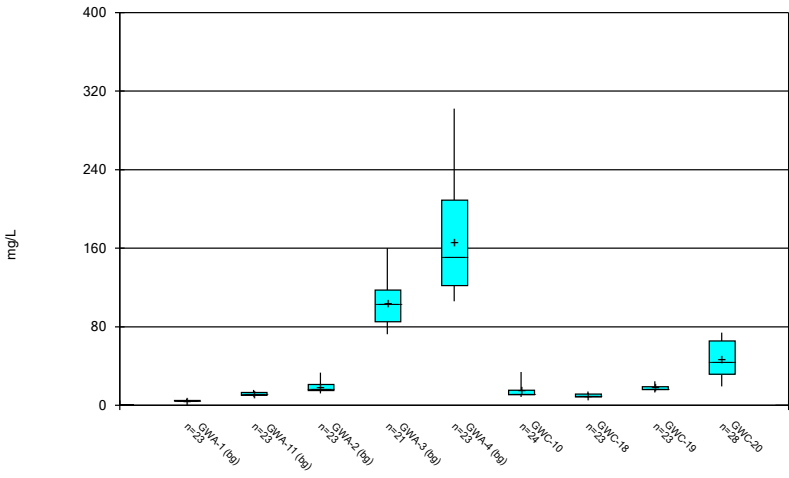
Constituent: Silver Analysis Run 12/12/2024 1:16 PM
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



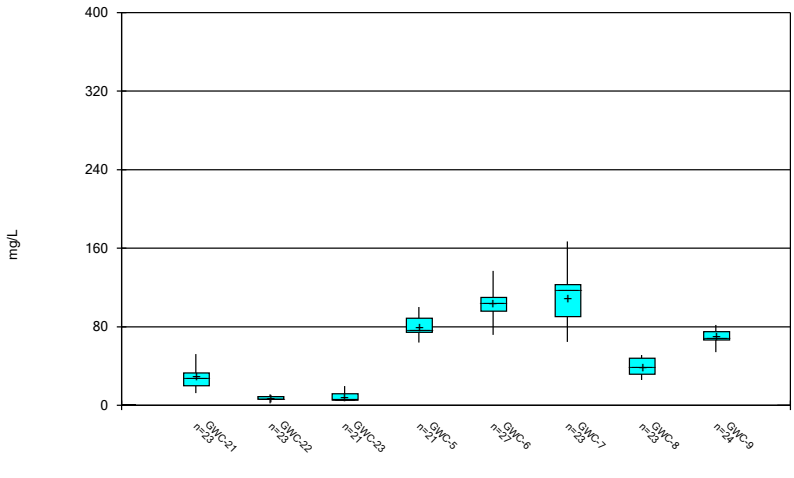
Constituent: Silver Analysis Run 12/12/2024 1:16 PM
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



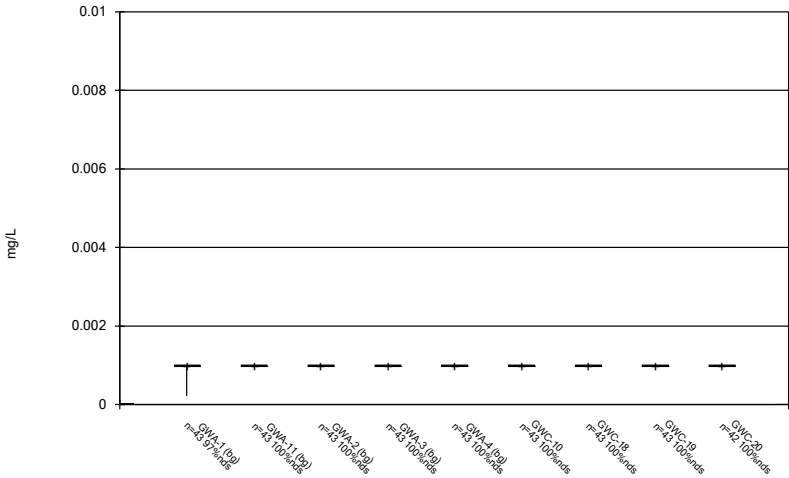
Constituent: Sulfate Analysis Run 12/12/2024 1:16 PM
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



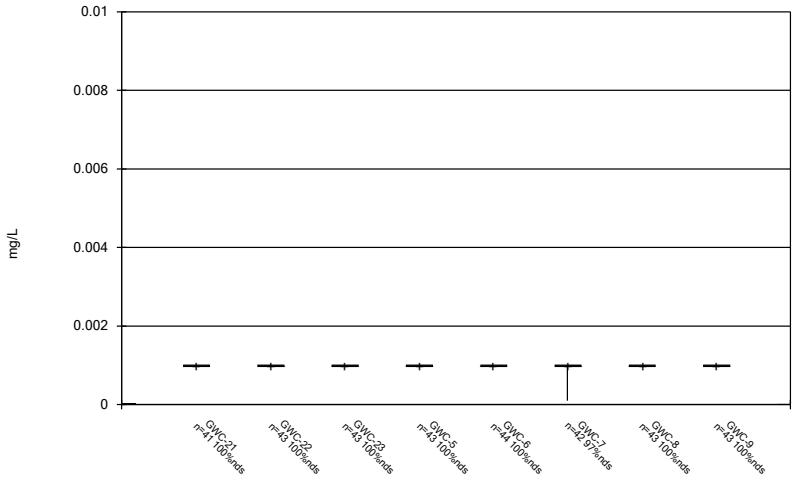
Constituent: Sulfate Analysis Run 12/12/2024 1:16 PM
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



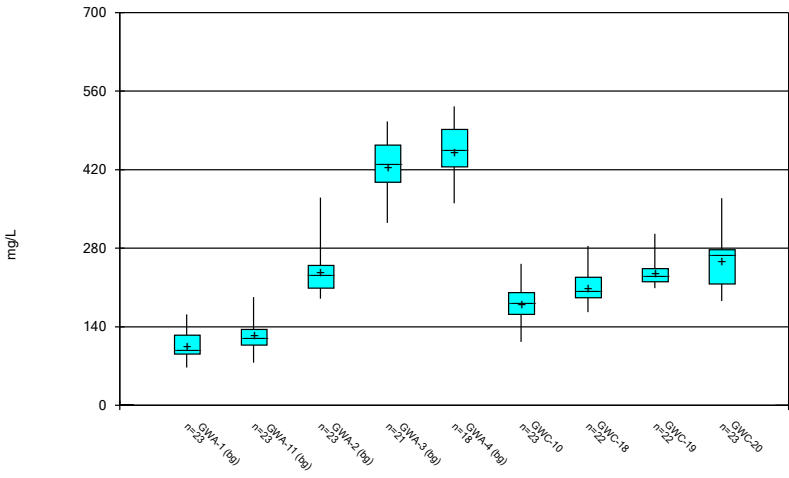
Constituent: Thallium Analysis Run 12/12/2024 1:16 PM
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



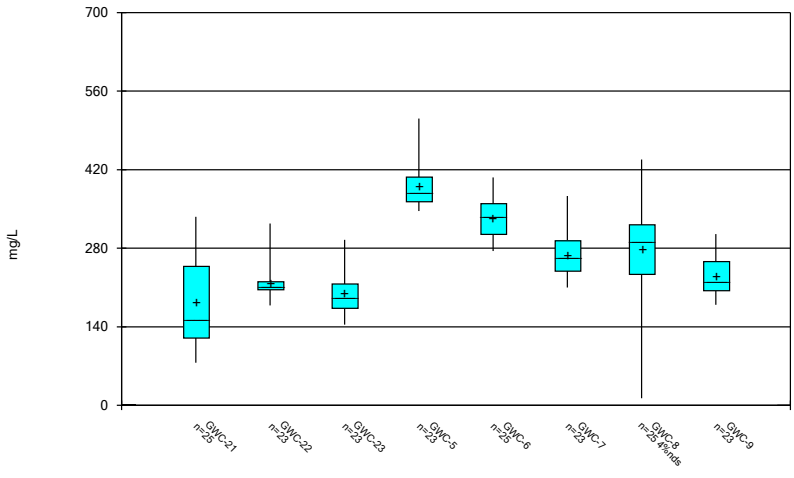
Constituent: Thallium Analysis Run 12/12/2024 1:16 PM
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



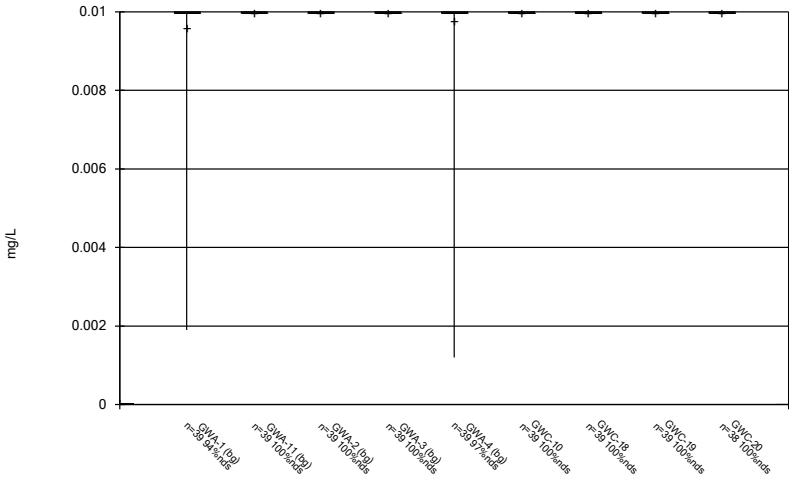
Constituent: Total Dissolved Solids Analysis Run 12/12/2024 1:16 PM
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



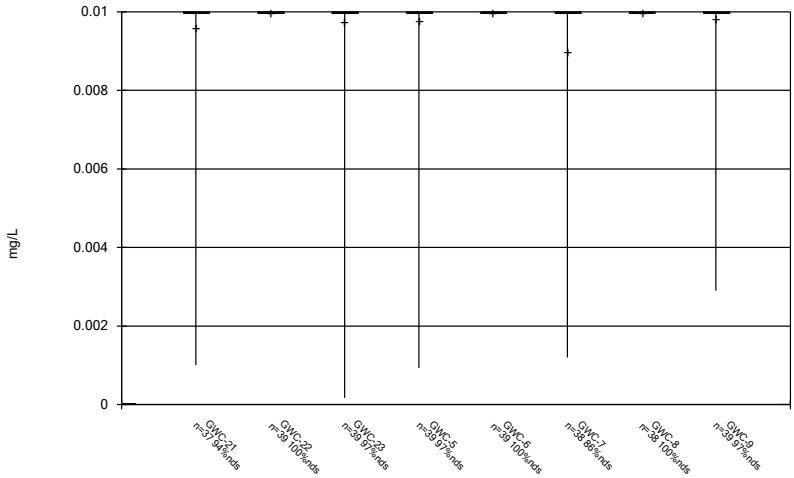
Constituent: Total Dissolved Solids Analysis Run 12/12/2024 1:16 PM
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



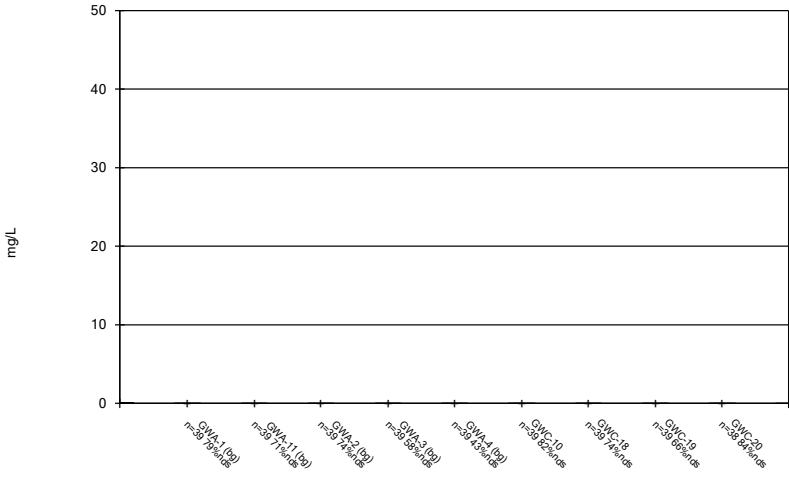
Constituent: Vanadium Analysis Run 12/12/2024 1:16 PM
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



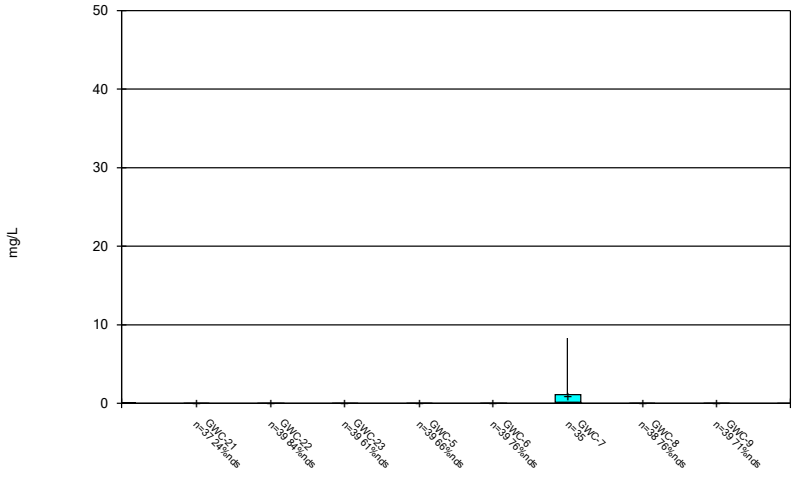
Constituent: Vanadium Analysis Run 12/12/2024 1:16 PM
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



Constituent: Zinc Analysis Run 12/12/2024 1:16 PM
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



Constituent: Zinc Analysis Run 12/12/2024 1:16 PM
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

FIGURE C.

Outlier Summary

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 10/22/2024, 11:27 AM

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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 10/22/2024, 11:27 AM

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FIGURE D.

Appendix I Intrawell Prediction Limits - Significant Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 10/22/2024, 12:19 PM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg</u>	<u>NBg</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>%NDs</u>	<u>ND Adj.</u>	<u>TransformAlpha</u>	<u>Method</u>
Barium (mg/L)	GWC-20	0.1591	n/a	8/11/2024	0.16	Yes	42	0.1206		0.01669	0	None	No	0.0002926

Appendix I Intrawell Prediction Limits - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 10/22/2024, 12:19 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	GWA-1	0.003	n/a	8/11/2024	0.003ND	No	42	n/a	n/a	92.86	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-11	0.003	n/a	8/11/2024	0.003ND	No	42	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-2	0.003	n/a	8/10/2024	0.003ND	No	41	n/a	n/a	92.68	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-3	0.003	n/a	8/11/2024	0.003ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-4	0.003	n/a	8/11/2024	0.003ND	No	42	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-10	0.003	n/a	8/11/2024	0.003ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-18	0.003	n/a	8/12/2024	0.003ND	No	42	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-19	0.003	n/a	8/12/2024	0.003ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-22	0.003	n/a	8/11/2024	0.003ND	No	42	n/a	n/a	100	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-5	0.003	n/a	8/12/2024	0.003ND	No	42	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-6	0.003	n/a	8/12/2024	0.003ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-7	0.003	n/a	8/11/2024	0.0019J	No	41	n/a	n/a	95.12	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-8	0.003	n/a	8/11/2024	0.003ND	No	40	n/a	n/a	95	n/a	n/a	0.001159	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-9	0.003	n/a	8/11/2024	0.003ND	No	42	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-11	0.005	n/a	8/11/2024	0.001J	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-3	0.005	n/a	8/11/2024	0.005ND	No	42	n/a	n/a	71.43	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-4	0.0065	n/a	8/11/2024	0.005ND	No	42	n/a	n/a	88.1	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-18	0.005	n/a	8/12/2024	0.005ND	No	42	n/a	n/a	92.86	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-21	0.005	n/a	8/11/2024	0.005ND	No	40	n/a	n/a	82.5	n/a	n/a	0.001159	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-23	0.005	n/a	8/12/2024	0.005ND	No	42	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-5	0.005	n/a	8/12/2024	0.005ND	No	42	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-7	0.011	n/a	8/11/2024	0.0085	No	41	n/a	n/a	34.15	n/a	n/a	0.001118	NP Intra (normality) 1 of 2
Arsenic (mg/L)	GWC-8	0.005	n/a	8/11/2024	0.005ND	No	41	n/a	n/a	73.17	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-9	0.005	n/a	8/11/2024	0.005ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Barium (mg/L)	GWA-1	0.04952	n/a	8/11/2024	0.038	No	42	0.03893	0.004587	0	None	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWA-11	0.0425	n/a	8/11/2024	0.031	No	42	n/a	n/a	0	n/a	n/a	0.001077	NP Intra (normality) 1 of 2
Barium (mg/L)	GWA-2	0.2034	n/a	8/10/2024	0.18	No	33	0.1691	0.01447	0	None	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWA-3	0.238	n/a	8/11/2024	0.084	No	42	0.1579	0.03471	0	None	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWA-4	0.06004	n/a	8/11/2024	0.04	No	33	0.04531	0.006216	0	None	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWC-10	0.2006	n/a	8/11/2024	0.11	No	45	0.1287	0.03134	0	None	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWC-18	0.09142	n/a	8/12/2024	0.076	No	42	0.07482	0.007187	0	None	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWC-19	0.1695	n/a	8/12/2024	0.14	No	33	0.0004226	0.0001701	0	None	x^4	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWC-20	0.1591	n/a	8/11/2024	0.16	Yes	42	0.1206	0.01669	0	None	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWC-21	0.19	n/a	8/11/2024	0.098	No	40	n/a	n/a	0	n/a	n/a	0.001159	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-22	0.121	n/a	8/11/2024	0.1	No	33	n/a	n/a	0	n/a	n/a	0.001701	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-23	0.09701	n/a	8/12/2024	0.075	No	42	0.0671	0.01295	0	None	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWC-5	0.1335	n/a	8/12/2024	0.073	No	42	0.09442	0.0169	0	None	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWC-6	0.2084	n/a	8/12/2024	0.14	No	33	0.1476	0.02565	0	None	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWC-7	0.4226	n/a	8/11/2024	0.045	No	29	0.3433	0.1271	0	None	sqrt(x)	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWC-8	0.17	n/a	8/11/2024	0.12	No	41	n/a	n/a	0	n/a	n/a	0.001118	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-9	0.07353	n/a	8/11/2024	0.068	No	32	0.06198	0.004851	0	None	No	0.0002926	Param Intra 1 of 2
Beryllium (mg/L)	GWA-3	0.0005	n/a	8/11/2024	0.0005ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-19	0.0005	n/a	8/12/2024	0.0005ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-7	0.00302	n/a	8/11/2024	0.00013J	No	31	-8.586	1.165	32.26	Kaplan-Meier	ln(x)	0.0002926	Param Intra 1 of 2
Cadmium (mg/L)	GWA-4	0.0005	n/a	8/11/2024	0.0005ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-10	0.0005	n/a	8/11/2024	0.0005ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-18	0.0005	n/a	8/12/2024	0.0005ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-20	0.0005	n/a	8/11/2024	0.0005ND	No	41	n/a	n/a	97.56	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-21	0.0005	n/a	8/11/2024	0.0005ND	No	40	n/a	n/a	95	n/a	n/a	0.001159	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-23	0.0005	n/a	8/12/2024	0.0005ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-5	0.0015	n/a	8/12/2024	0.0005ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-7	0.0035	n/a	8/11/2024	0.0005ND	No	39	n/a	n/a	87.18	n/a	n/a	0.001226	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-8	0.0005	n/a	8/11/2024	0.0005ND	No	41	n/a	n/a	97.56	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-9	0.0005	n/a	8/11/2024	0.0005ND	No	42	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-1	0.016	n/a	8/11/2024	0.005ND	No	42	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 10/22/2024, 12:19 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Chromium (mg/L)	GWA-11	0.005	n/a	8/11/2024	0.005ND	No	42	n/a	n/a	n/a	92.86	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-2	0.005	n/a	8/10/2024	0.005ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-3	0.005	n/a	8/11/2024	0.005ND	No	42	n/a	n/a	n/a	95.24	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-4	0.005	n/a	8/11/2024	0.005ND	No	42	n/a	n/a	n/a	95.24	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-10	0.005	n/a	8/11/2024	0.005ND	No	42	n/a	n/a	n/a	90.48	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-18	0.005	n/a	8/12/2024	0.005ND	No	42	n/a	n/a	n/a	95.24	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-19	0.005	n/a	8/12/2024	0.005ND	No	42	n/a	n/a	n/a	92.86	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-20	0.0064	n/a	8/11/2024	0.005ND	No	41	n/a	n/a	n/a	92.68	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-21	0.005	n/a	8/11/2024	0.005ND	No	40	n/a	n/a	n/a	95	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-22	0.005	n/a	8/11/2024	0.005ND	No	42	n/a	n/a	n/a	90.48	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-23	0.0051	n/a	8/12/2024	0.005ND	No	42	n/a	n/a	n/a	95.24	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-5	0.005	n/a	8/12/2024	0.005ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-6	0.005	n/a	8/12/2024	0.005ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-7	0.005	n/a	8/11/2024	0.005ND	No	40	n/a	n/a	n/a	85	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-8	0.005	n/a	8/11/2024	0.005ND	No	41	n/a	n/a	n/a	90.24	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-9	0.005	n/a	8/11/2024	0.005ND	No	42	n/a	n/a	n/a	92.86	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-1	0.005	n/a	8/11/2024	0.00043J	No	42	n/a	n/a	n/a	54.76	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-11	0.01	n/a	8/11/2024	0.00056J	No	42	n/a	n/a	n/a	47.62	n/a	n/a	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWA-2	0.005	n/a	8/10/2024	0.005ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-3	0.005	n/a	8/11/2024	0.00035J	No	42	n/a	n/a	n/a	83.33	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-4	0.005	n/a	8/11/2024	0.005ND	No	42	n/a	n/a	n/a	66.67	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-10	0.005	n/a	8/11/2024	0.005ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-21	0.01	n/a	8/11/2024	0.0022J	No	40	n/a	n/a	n/a	47.5	n/a	n/a	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWC-23	0.005	n/a	8/12/2024	0.005ND	No	42	n/a	n/a	n/a	90.48	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-5	0.005	n/a	8/12/2024	0.00072J	No	42	n/a	n/a	n/a	85.71	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-6	0.005	n/a	8/12/2024	0.005ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-7	0.07801	n/a	8/11/2024	0.016	No	27	0.1553	0.05079	0	None	sqrt(x)	0.0002926	Param Intra 1 of 2
Cobalt (mg/L)	GWC-8	0.01	n/a	8/11/2024	0.00054J	No	41	n/a	n/a	n/a	73.17	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-9	0.005	n/a	8/11/2024	0.00033J	No	42	n/a	n/a	n/a	85.71	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-11	0.005	n/a	8/11/2024	0.005ND	No	37	n/a	n/a	n/a	91.89	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-2	0.005	n/a	8/10/2024	0.005ND	No	37	n/a	n/a	n/a	91.89	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-3	0.005	n/a	8/11/2024	0.005ND	No	37	n/a	n/a	n/a	91.89	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-4	0.0066	n/a	8/11/2024	0.005ND	No	37	n/a	n/a	n/a	91.89	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-10	0.005	n/a	8/11/2024	0.005ND	No	37	n/a	n/a	n/a	91.89	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-18	0.005	n/a	8/12/2024	0.005ND	No	37	n/a	n/a	n/a	91.89	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-19	0.005	n/a	8/12/2024	0.005ND	No	37	n/a	n/a	n/a	86.49	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-20	0.005	n/a	8/11/2024	0.005ND	No	36	n/a	n/a	n/a	94.44	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-21	0.005	n/a	8/11/2024	0.005ND	No	35	n/a	n/a	n/a	74.29	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-22	0.005	n/a	8/11/2024	0.005ND	No	37	n/a	n/a	n/a	91.89	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-23	0.0084	n/a	8/12/2024	0.005ND	No	37	n/a	n/a	n/a	75.68	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-5	0.005	n/a	8/12/2024	0.005ND	No	37	n/a	n/a	n/a	86.49	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-6	0.005	n/a	8/12/2024	0.005ND	No	37	n/a	n/a	n/a	97.3	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-7	0.016	n/a	8/11/2024	0.005ND	No	35	n/a	n/a	n/a	80	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-8	0.005	n/a	8/11/2024	0.005ND	No	36	n/a	n/a	n/a	97.22	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-9	0.005	n/a	8/11/2024	0.005ND	No	37	n/a	n/a	n/a	94.59	n/a	n/a	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-11	0.001	n/a	8/11/2024	0.001ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-3	0.001	n/a	8/11/2024	0.001ND	No	42	n/a	n/a	n/a	95.24	n/a	n/a	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-10	0.001	n/a	8/11/2024	0.001ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-18	0.001	n/a	8/12/2024	0.001ND	No	42	n/a	n/a	n/a	97.62	n/a	n/a	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-19	0.001	n/a	8/12/2024	0.001ND	No	42	n/a	n/a	n/a	92.86	n/a	n/a	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-20	0.001	n/a	8/11/2024	0.001ND	No	41	n/a	n/a	n/a	97.56	n/a	n/a	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-21	0.001	n/a	8/11/2024	0.001ND	No	40	n/a	n/a	n/a	90	n/a	n/a	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-22	0.001	n/a	8/11/2024	0.001ND	No	42	n/a	n/a	n/a	90.48	n/a	n/a	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-23	0.001	n/a	8/12/2024	0.001ND	No	42	n/a	n/a	n/a	85.71	n/a	n/a	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-5	0.001	n/a	8/12/2024	0.001ND	No	42	n/a	n/a	n/a	95.24	n/a	n/a	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Page 3

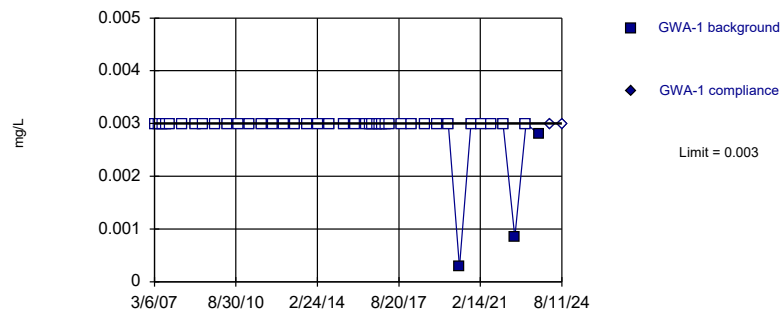
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 10/22/2024, 12:19 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Lead (mg/L)	GWC-6	0.001	n/a	8/12/2024	0.001ND	No	42	n/a	n/a	97.62	n/a	n/a	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-7	0.0016	n/a	8/11/2024	0.001ND	No	41	n/a	n/a	78.05	n/a	n/a	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-8	0.001	n/a	8/11/2024	0.001ND	No	41	n/a	n/a	95.12	n/a	n/a	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-1	0.005	n/a	8/11/2024	0.005ND	No	37	n/a	n/a	81.08	n/a	n/a	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-11	0.005	n/a	8/11/2024	0.005ND	No	37	n/a	n/a	48.65	n/a	n/a	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWA-2	0.005	n/a	8/10/2024	0.005ND	No	37	n/a	n/a	97.3	n/a	n/a	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-3	0.005	n/a	8/11/2024	0.005ND	No	37	n/a	n/a	78.38	n/a	n/a	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-4	0.0055	n/a	8/11/2024	0.005ND	No	37	n/a	n/a	54.05	n/a	n/a	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-10	0.005	n/a	8/11/2024	0.005ND	No	37	n/a	n/a	97.3	n/a	n/a	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-18	0.005	n/a	8/12/2024	0.005ND	No	37	n/a	n/a	75.68	n/a	n/a	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-19	0.0062	n/a	8/12/2024	0.005ND	No	37	n/a	n/a	91.89	n/a	n/a	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-20	0.005	n/a	8/11/2024	0.005ND	No	36	n/a	n/a	94.44	n/a	n/a	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-21	0.01004	n/a	8/11/2024	0.005	No	36	0.06294	0.01589	16.67	Kaplan-Meier	sqrt(x)	Param Intra 1 of 2
Nickel (mg/L)	GWC-22	0.005	n/a	8/11/2024	0.005ND	No	37	n/a	n/a	97.3	n/a	n/a	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-23	0.005	n/a	8/12/2024	0.005ND	No	37	n/a	n/a	70.27	n/a	n/a	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-5	0.005	n/a	8/12/2024	0.005ND	No	37	n/a	n/a	81.08	n/a	n/a	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-6	0.005	n/a	8/12/2024	0.005ND	No	37	n/a	n/a	91.89	n/a	n/a	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-7	0.2607	n/a	8/11/2024	0.095	No	22	0.09873	0.06395	0	None	No	Param Intra 1 of 2
Nickel (mg/L)	GWC-8	0.0073	n/a	8/11/2024	0.005ND	No	36	n/a	n/a	83.33	n/a	n/a	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-9	0.005	n/a	8/11/2024	0.005ND	No	37	n/a	n/a	48.65	n/a	n/a	NP Intra (normality) 1 of 2
Selenium (mg/L)	GWA-4	0.005	n/a	8/11/2024	0.005ND	No	42	n/a	n/a	97.62	n/a	n/a	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-10	0.005	n/a	8/11/2024	0.005ND	No	42	n/a	n/a	97.62	n/a	n/a	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-21	0.005	n/a	8/11/2024	0.005ND	No	40	n/a	n/a	95	n/a	n/a	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-22	0.005	n/a	8/11/2024	0.005ND	No	42	n/a	n/a	95.24	n/a	n/a	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-9	0.005	n/a	8/11/2024	0.005ND	No	42	n/a	n/a	97.62	n/a	n/a	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-21	0.005	n/a	8/11/2024	0.005ND	No	35	n/a	n/a	97.14	n/a	n/a	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-1	0.001	n/a	8/11/2024	0.001ND	No	41	n/a	n/a	97.56	n/a	n/a	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-7	0.001	n/a	8/11/2024	0.001ND	No	40	n/a	n/a	97.5	n/a	n/a	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-1	0.01	n/a	8/11/2024	0.01ND	No	37	n/a	n/a	94.59	n/a	n/a	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-4	0.01	n/a	8/11/2024	0.01ND	No	37	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-21	0.01	n/a	8/11/2024	0.01ND	No	35	n/a	n/a	94.29	n/a	n/a	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-23	0.01	n/a	8/12/2024	0.01ND	No	37	n/a	n/a	97.3	n/a	n/a	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-5	0.01	n/a	8/12/2024	0.01ND	No	37	n/a	n/a	97.3	n/a	n/a	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-7	0.01	n/a	8/11/2024	0.01ND	No	36	n/a	n/a	86.11	n/a	n/a	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-9	0.01	n/a	8/11/2024	0.01ND	No	37	n/a	n/a	97.3	n/a	n/a	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-1	0.01	n/a	8/11/2024	0.01ND	No	37	n/a	n/a	78.38	n/a	n/a	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-11	0.01	n/a	8/11/2024	0.01ND	No	37	n/a	n/a	70.27	n/a	n/a	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-2	0.01	n/a	8/10/2024	0.01ND	No	37	n/a	n/a	72.97	n/a	n/a	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-3	0.01	n/a	8/11/2024	0.0026J	No	37	n/a	n/a	62.16	n/a	n/a	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-4	0.01	n/a	8/11/2024	0.01ND	No	37	n/a	n/a	40.54	n/a	n/a	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-10	0.01	n/a	8/11/2024	0.01ND	No	37	n/a	n/a	81.08	n/a	n/a	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-18	0.01	n/a	8/12/2024	0.01ND	No	37	n/a	n/a	72.97	n/a	n/a	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-19	0.013	n/a	8/12/2024	0.01ND	No	37	n/a	n/a	64.86	n/a	n/a	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-20	0.01	n/a	8/11/2024	0.01ND	No	36	n/a	n/a	83.33	n/a	n/a	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-21	0.0108	n/a	8/11/2024	0.0048J	No	35	n/a	n/a	25.71	n/a	n/a	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-22	0.01	n/a	8/11/2024	0.01ND	No	37	n/a	n/a	83.78	n/a	n/a	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-23	0.01	n/a	8/12/2024	0.01ND	No	37	n/a	n/a	59.46	n/a	n/a	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-5	0.01	n/a	8/12/2024	0.01ND	No	37	n/a	n/a	64.86	n/a	n/a	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-6	0.01	n/a	8/12/2024	0.01ND	No	37	n/a	n/a	75.68	n/a	n/a	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-7	0.4896	n/a	8/11/2024	0.16	No	21	0.1745	0.1234	0	None	No	Param Intra 1 of 2
Zinc (mg/L)	GWC-8	0.01	n/a	8/11/2024	0.01ND	No	36	n/a	n/a	75	n/a	n/a	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-9	0.01	n/a	8/11/2024	0.01ND	No	37	n/a	n/a	70.27	n/a	n/a	NP Intra (NDs) 1 of 2

Within Limit

Prediction Limit

Intrawell Non-parametric



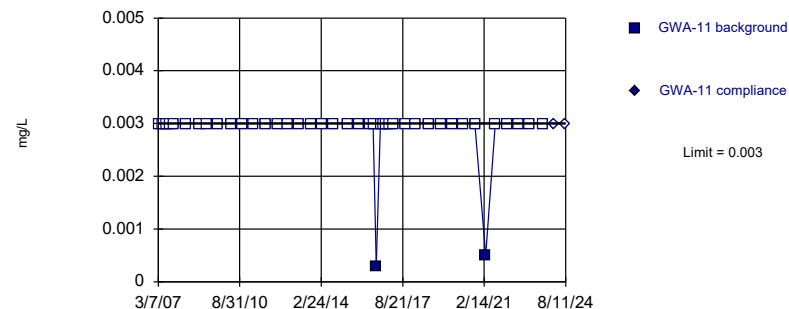
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Antimony Analysis Run 10/22/2024 12:15 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



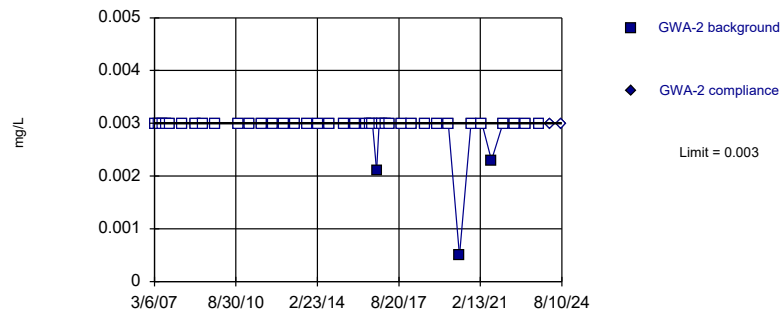
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Antimony Analysis Run 10/22/2024 12:15 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



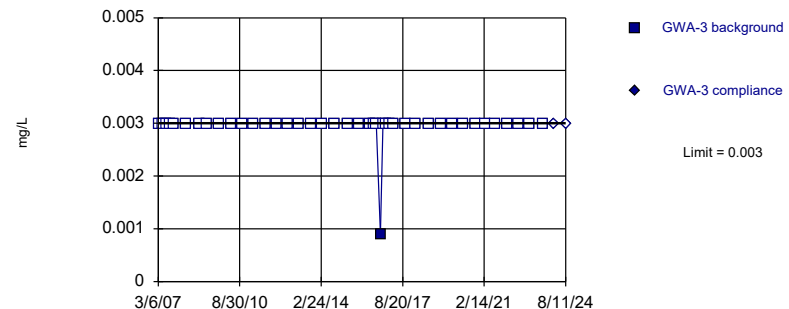
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 92.68% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Antimony Analysis Run 10/22/2024 12:15 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



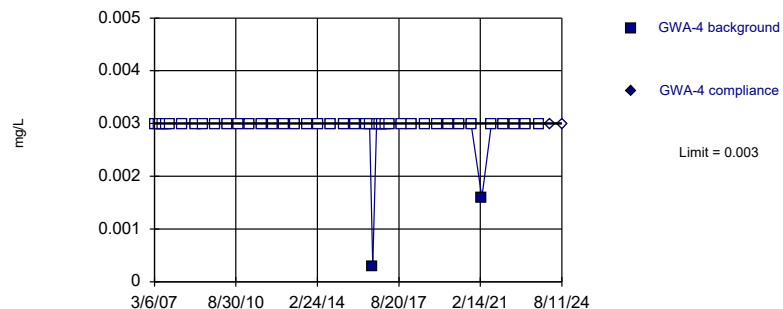
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Antimony Analysis Run 10/22/2024 12:15 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



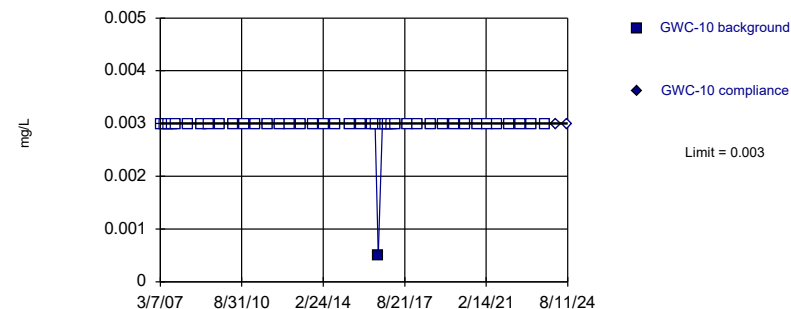
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Antimony Analysis Run 10/22/2024 12:15 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



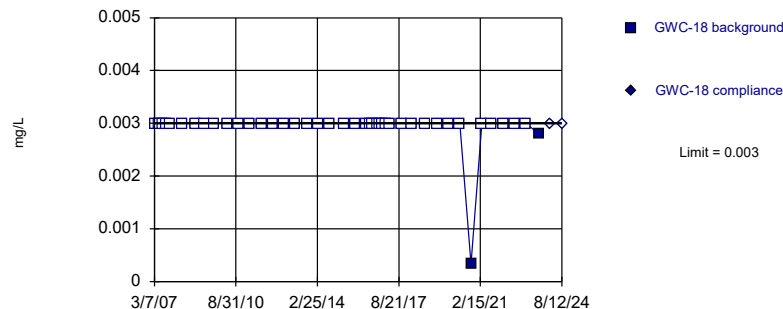
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Antimony Analysis Run 10/22/2024 12:15 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



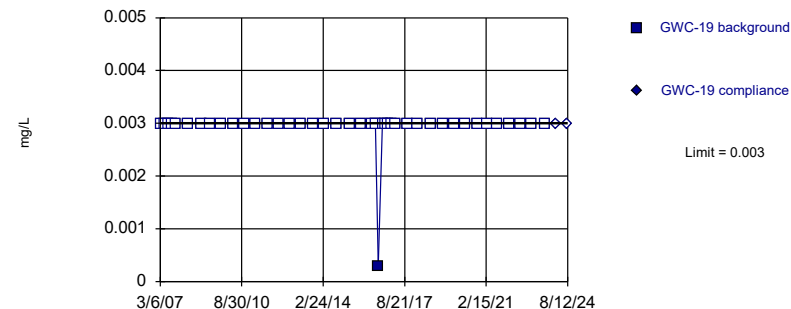
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Antimony Analysis Run 10/22/2024 12:15 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



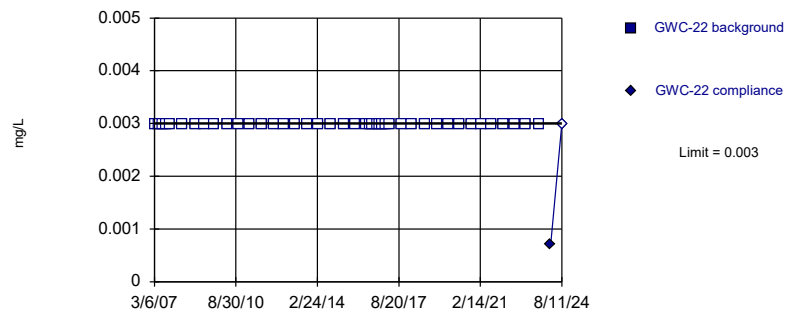
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Constituent: Antimony Analysis Run 10/22/2024 12:15 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



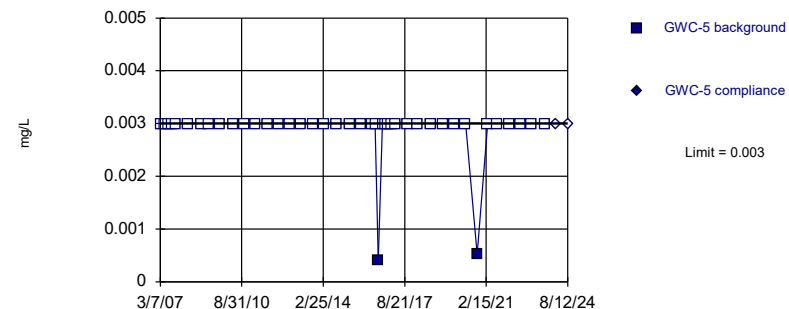
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 42) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Antimony Analysis Run 10/22/2024 12:15 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



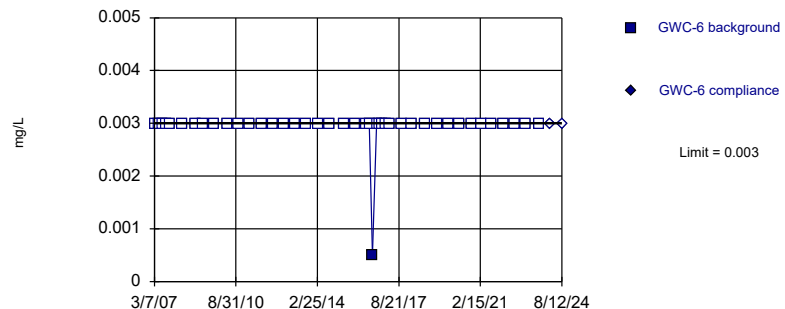
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Antimony Analysis Run 10/22/2024 12:16 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



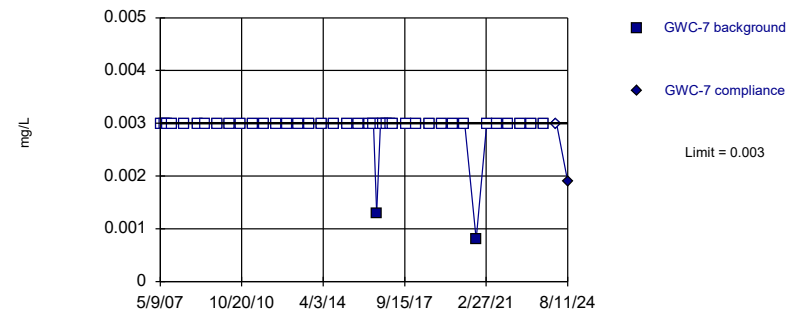
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Antimony Analysis Run 10/22/2024 12:16 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



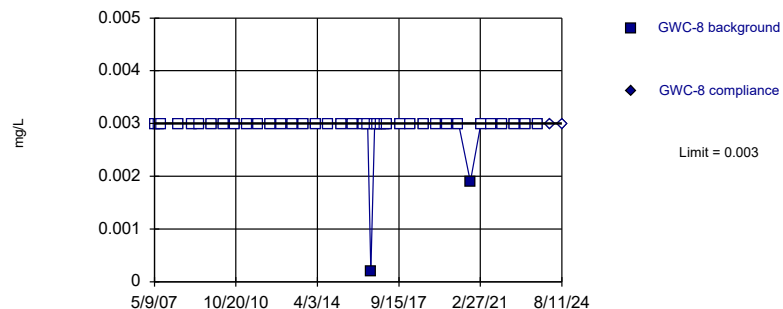
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 95.12% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Antimony Analysis Run 10/22/2024 12:16 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



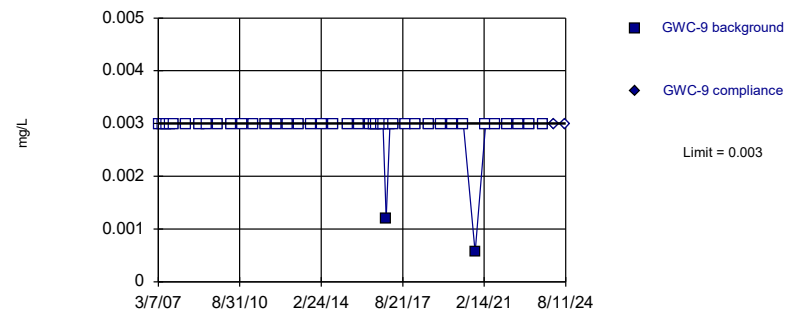
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 40 background values. 95% NDs. Well-constituent pair annual alpha = 0.002316. Individual comparison alpha = 0.001159 (1 of 2).

Constituent: Antimony Analysis Run 10/22/2024 12:16 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



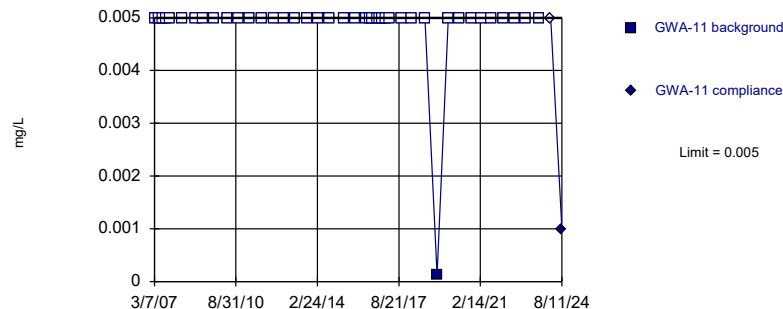
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Antimony Analysis Run 10/22/2024 12:16 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



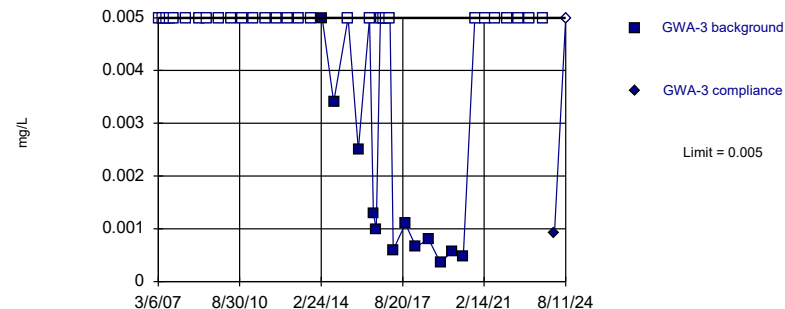
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Arsenic Analysis Run 10/22/2024 12:16 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



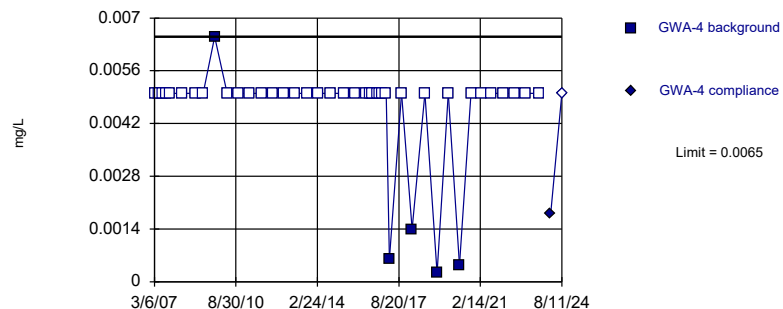
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Arsenic Analysis Run 10/22/2024 12:16 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



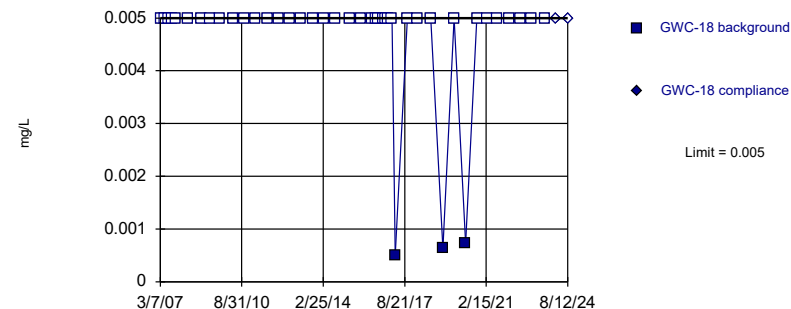
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 88.1% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Arsenic Analysis Run 10/22/2024 12:16 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



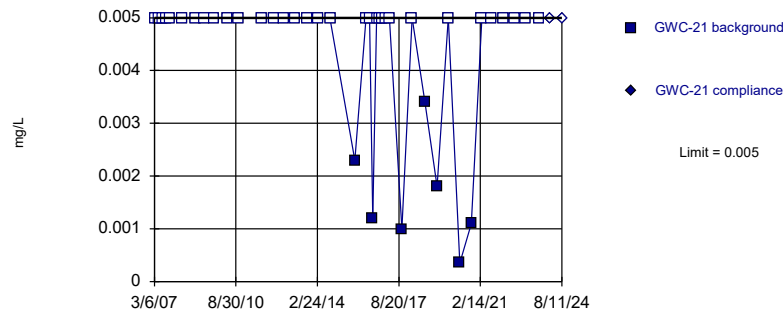
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Arsenic Analysis Run 10/22/2024 12:16 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



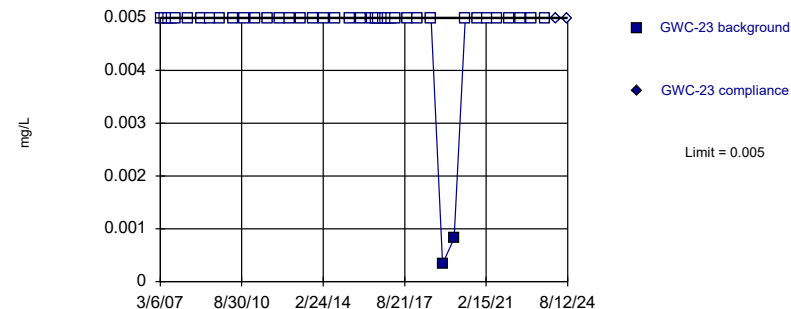
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 40 background values. 82.5% NDs. Well-constituent pair annual alpha = 0.002316. Individual comparison alpha = 0.001159 (1 of 2).

Constituent: Arsenic Analysis Run 10/22/2024 12:16 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



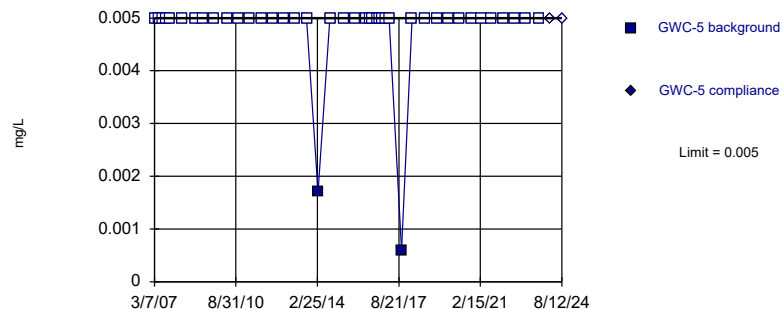
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Arsenic Analysis Run 10/22/2024 12:16 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



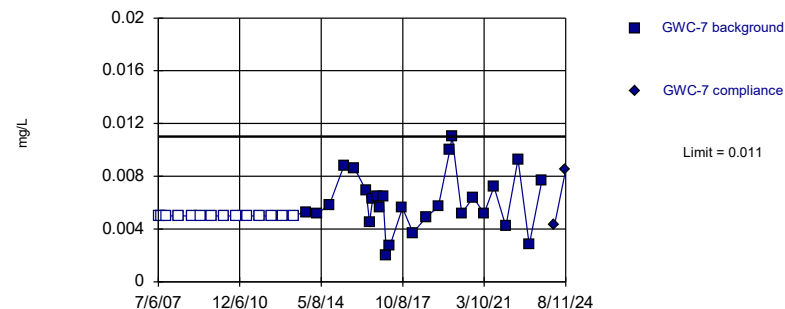
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Arsenic Analysis Run 10/22/2024 12:16 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



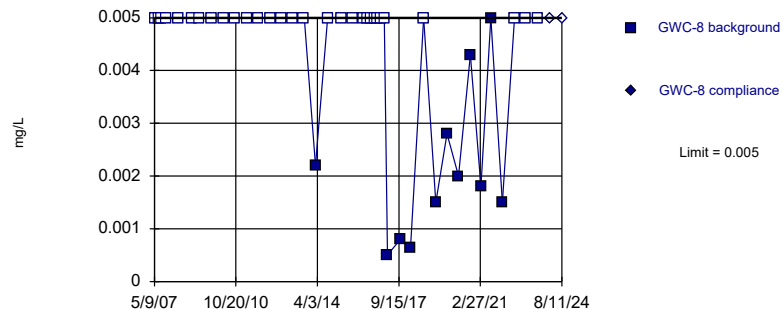
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 41 background values. 34.15% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Arsenic Analysis Run 10/22/2024 12:16 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



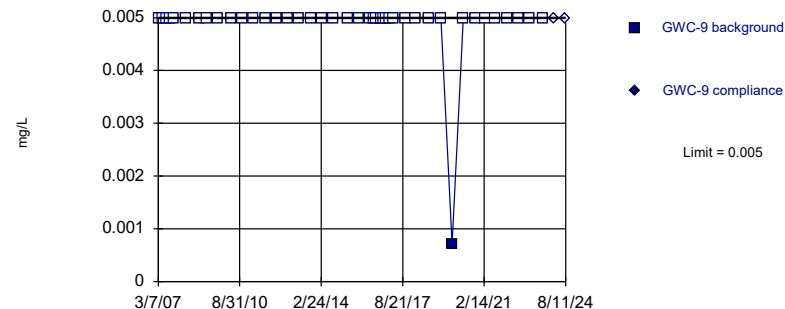
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 73.17% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Arsenic Analysis Run 10/22/2024 12:16 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



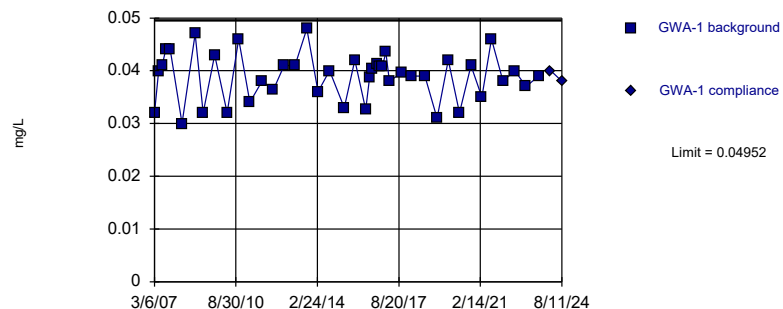
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Arsenic Analysis Run 10/22/2024 12:16 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



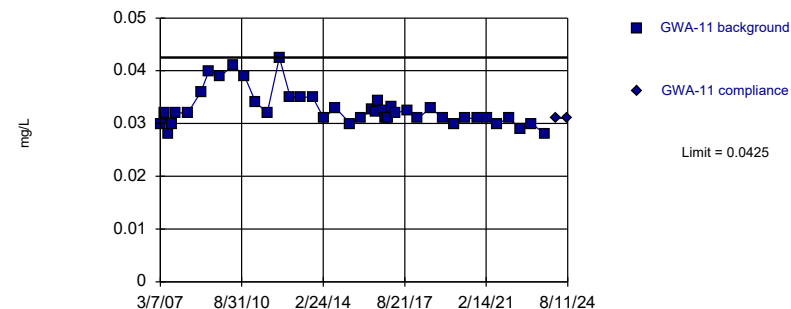
Background Data Summary: Mean=0.03893, Std. Dev.=0.004587, n=42. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.956, critical = 0.922. Kappa = 2.31 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

Constituent: Barium Analysis Run 10/22/2024 12:16 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



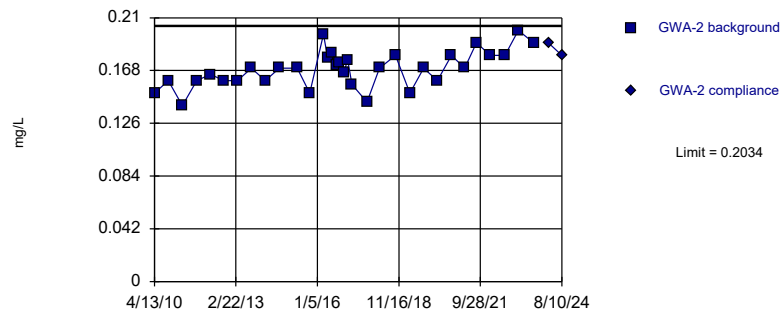
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 42 background values. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Barium Analysis Run 10/22/2024 12:16 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



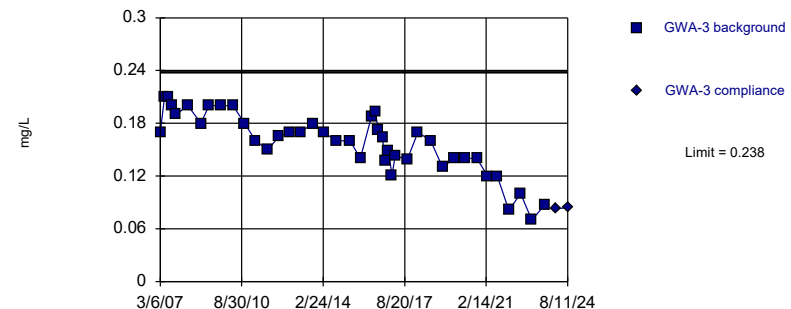
Background Data Summary: Mean=0.1691, Std. Dev.=0.01447, n=33. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9753, critical = 0.906. Kappa = 2.37 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

Constituent: Barium Analysis Run 10/22/2024 12:16 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



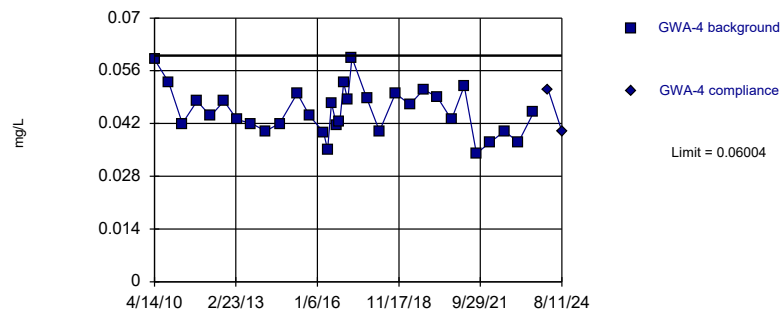
Background Data Summary: Mean=0.1579, Std. Dev.=0.03471, n=42. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9437, critical = 0.922. Kappa = 2.31 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

Constituent: Barium Analysis Run 10/22/2024 12:16 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



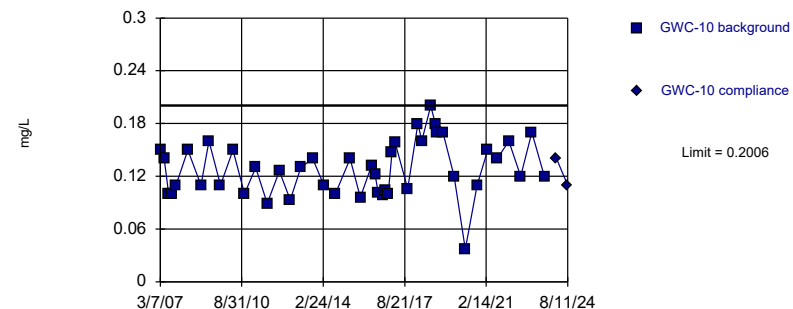
Background Data Summary: Mean=0.04531, Std. Dev.=0.006216, n=33. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9695, critical = 0.906. Kappa = 2.37 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

Constituent: Barium Analysis Run 10/22/2024 12:16 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



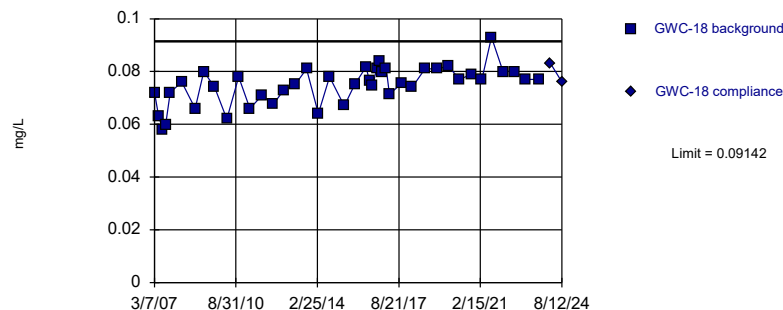
Background Data Summary: Mean=0.1287, Std. Dev.=0.03134, n=45. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.966, critical = 0.926. Kappa = 2.295 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

Constituent: Barium Analysis Run 10/22/2024 12:16 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



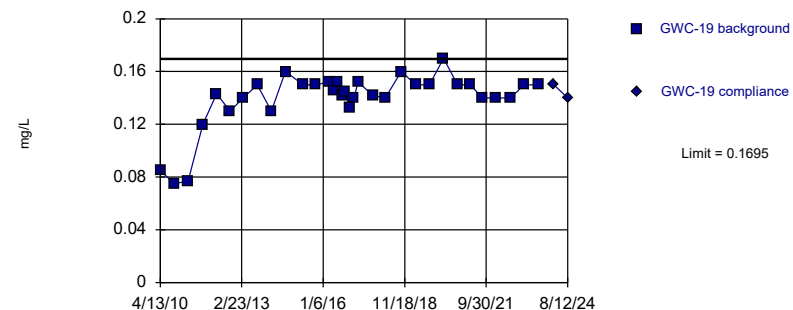
Background Data Summary: Mean=0.07482, Std. Dev.=0.007187, n=42. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9514, critical = 0.922. Kappa = 2.31 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

Constituent: Barium Analysis Run 10/22/2024 12:16 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



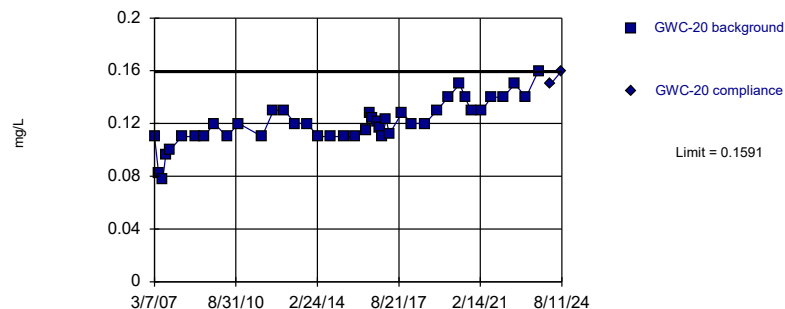
Background Data Summary (based on x^4 transformation): Mean=0.0004226, Std. Dev.=0.0001701, n=33. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9119, critical = 0.906. Kappa = 2.37 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

Constituent: Barium Analysis Run 10/22/2024 12:16 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Exceeds Limit

Prediction Limit

Intrawell Parametric



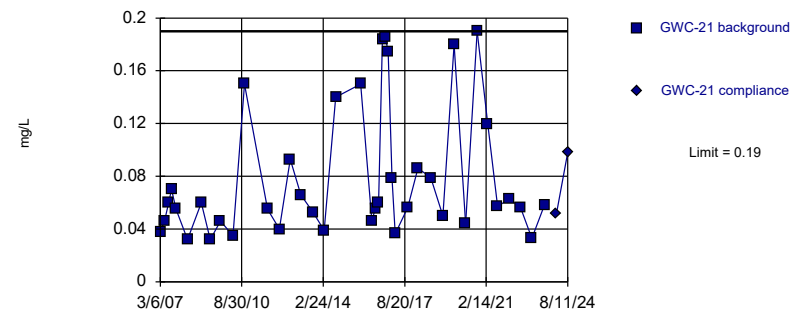
Background Data Summary: Mean=0.1206, Std. Dev.=0.01669, n=42. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9586, critical = 0.922. Kappa = 2.31 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

Constituent: Barium Analysis Run 10/22/2024 12:16 PM View: Appendix I
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 40 background values. Well-constituent pair annual alpha = 0.002316. Individual comparison alpha = 0.001159 (1 of 2).

Constituent: Barium Analysis Run 10/22/2024 12:16 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



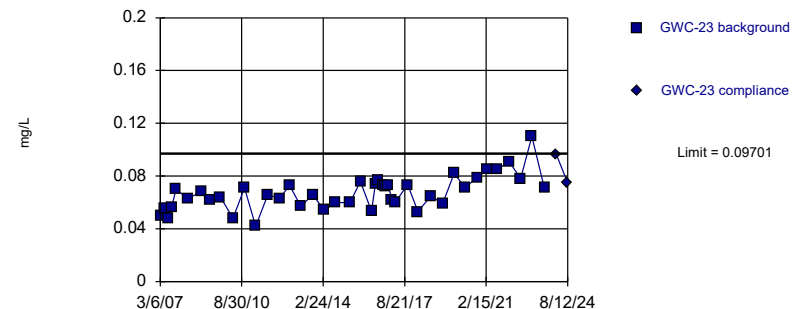
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 33 background values. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Barium Analysis Run 10/22/2024 12:16 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



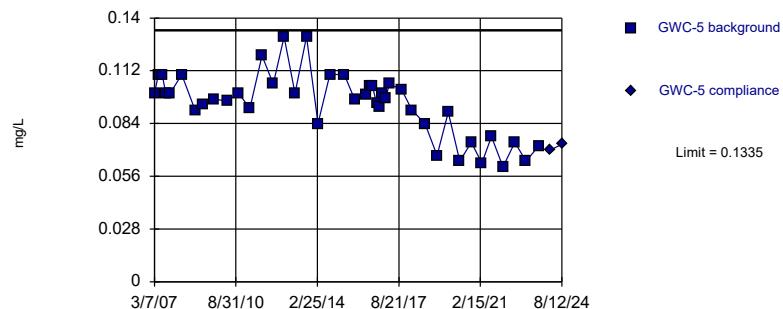
Background Data Summary: Mean=0.0671, Std. Dev.=0.01295, n=42. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9676, critical = 0.922. Kappa = 2.31 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

Constituent: Barium Analysis Run 10/22/2024 12:16 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.09442, Std. Dev.=0.0169, n=42. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9413, critical = 0.922. Kappa = 2.31 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

Constituent: Barium Analysis Run 10/22/2024 12:16 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



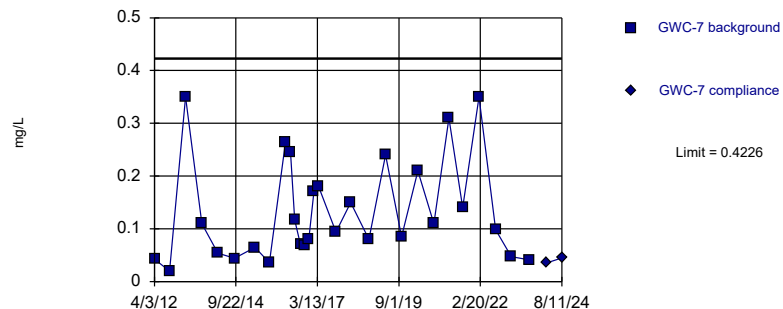
Background Data Summary: Mean=0.1476, Std. Dev.=0.02565, n=33. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9379, critical = 0.906. Kappa = 2.37 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

Constituent: Barium Analysis Run 10/22/2024 12:16 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



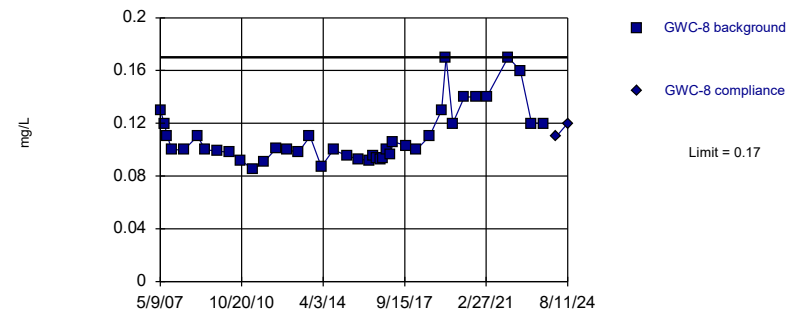
Background Data Summary (based on square root transformation): Mean=0.3433, Std. Dev.=0.1271, n=29. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9394, critical = 0.898. Kappa = 2.414 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

Constituent: Barium Analysis Run 10/22/2024 12:16 PM View: Appendix I
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 41 background values. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Barium Analysis Run 10/22/2024 12:16 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.06198, Std. Dev.=0.004851, n=32. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9758, critical = 0.904. Kappa = 2.38 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

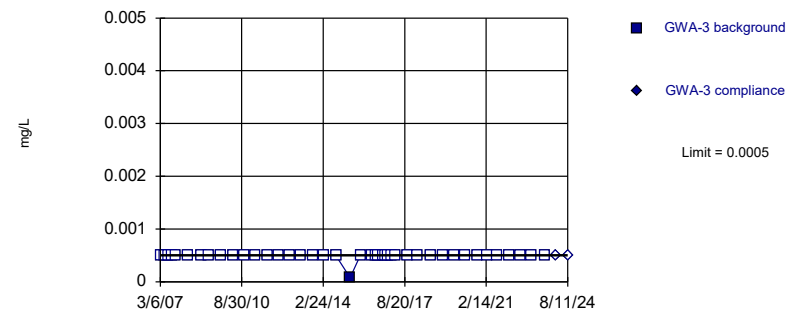
Constituent: Barium Analysis Run 10/22/2024 12:16 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

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 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

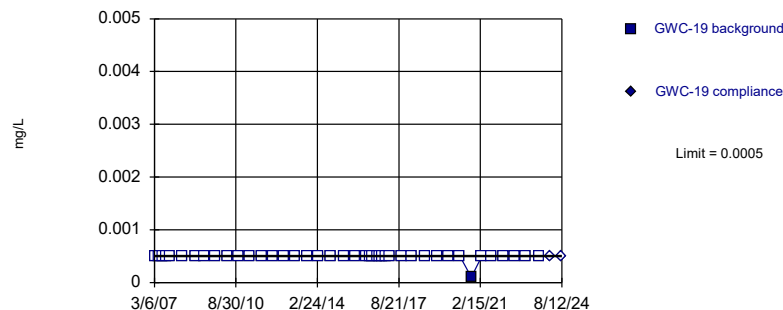
Constituent: Beryllium Analysis Run 10/22/2024 12:16 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

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 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

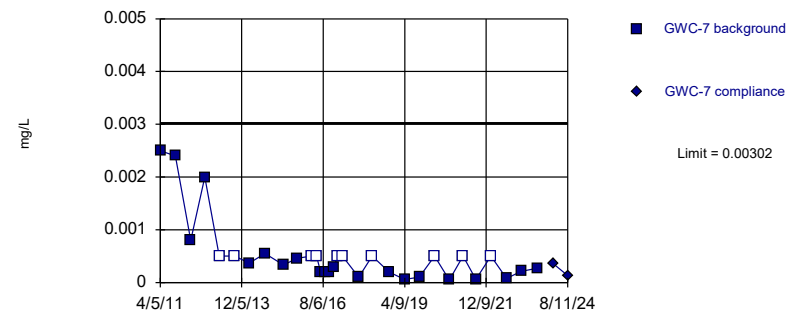
Constituent: Beryllium Analysis Run 10/22/2024 12:16 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric

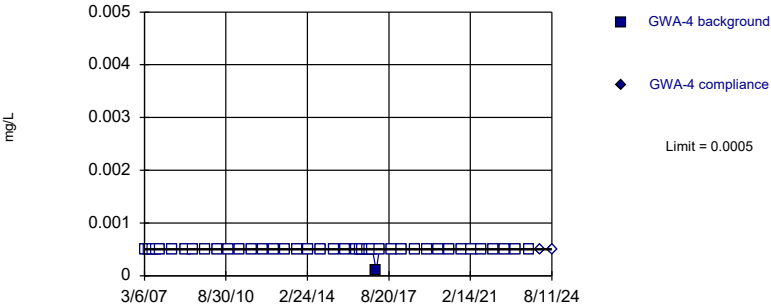


Background Data Summary (based on natural log transformation) (after Kaplan-Meier Adjustment): Mean=-8.586, Std. Dev.=1.165, n=31, 32.26% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9242, critical = 0.902. Kappa = 2.39 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

Constituent: Beryllium Analysis Run 10/22/2024 12:16 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

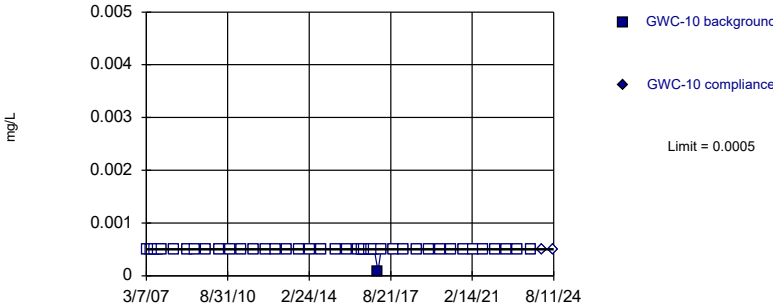


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Cadmium Analysis Run 10/22/2024 12:16 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

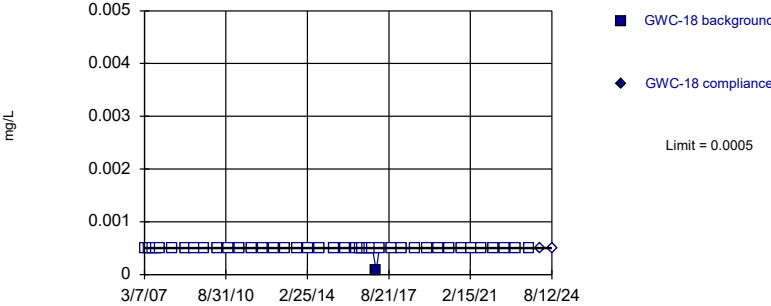


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Cadmium Analysis Run 10/22/2024 12:16 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

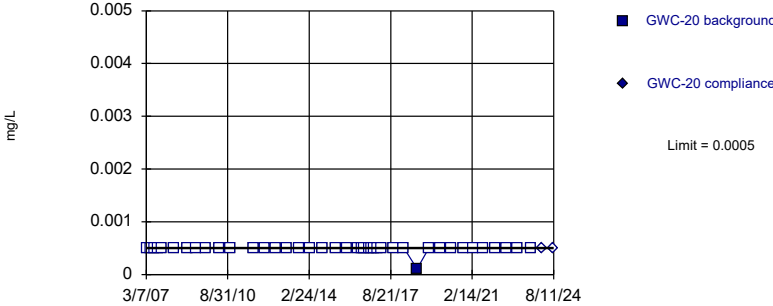


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Cadmium Analysis Run 10/22/2024 12:16 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

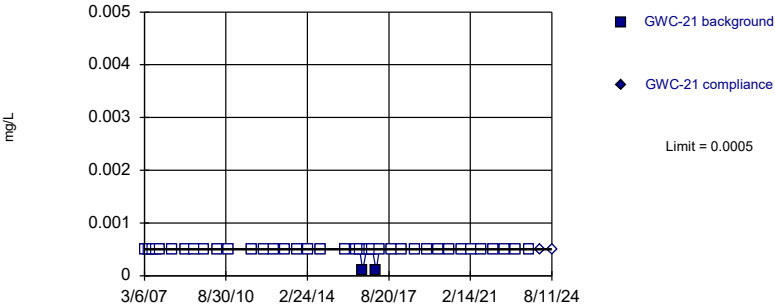


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 97.56% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Cadmium Analysis Run 10/22/2024 12:16 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

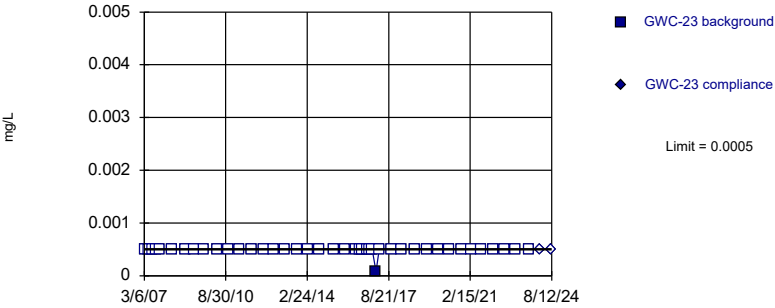


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 40 background values. 95% NDs. Well-constituent pair annual alpha = 0.002316. Individual comparison alpha = 0.001159 (1 of 2).

Constituent: Cadmium Analysis Run 10/22/2024 12:16 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

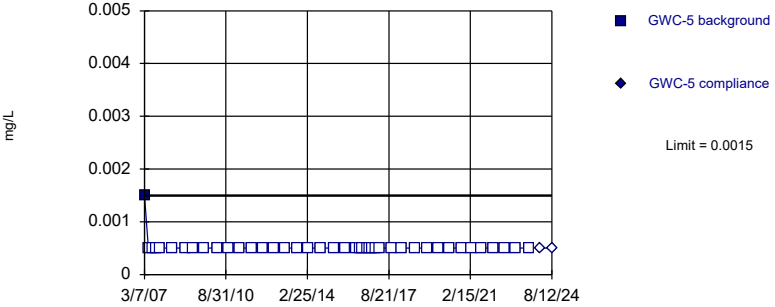


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Cadmium Analysis Run 10/22/2024 12:16 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

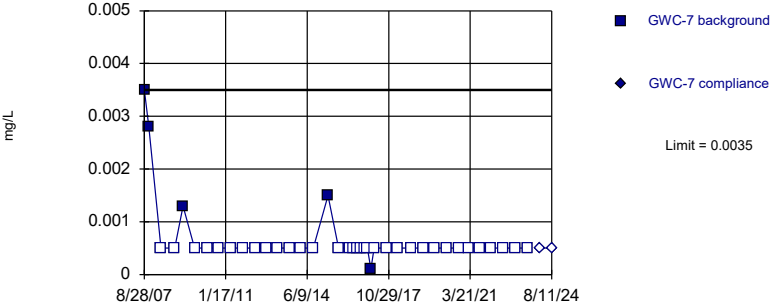


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Cadmium Analysis Run 10/22/2024 12:16 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric



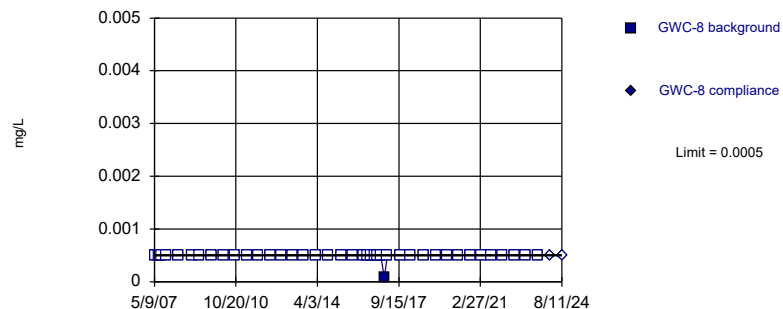
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 39 background values. 87.18% NDs. Well-constituent pair annual alpha = 0.002451. Individual comparison alpha = 0.001226 (1 of 2).

Constituent: Cadmium Analysis Run 10/22/2024 12:16 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



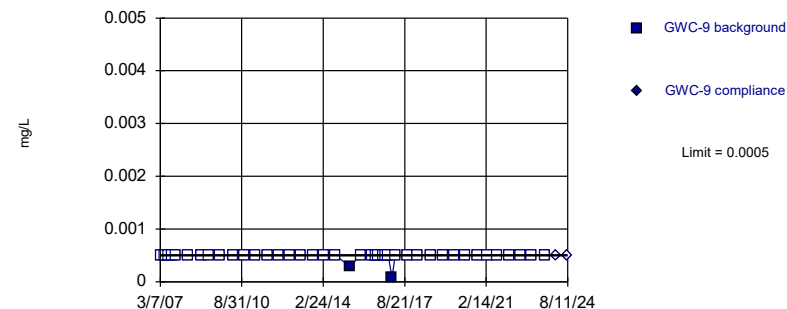
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 97.56% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Cadmium Analysis Run 10/22/2024 12:16 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



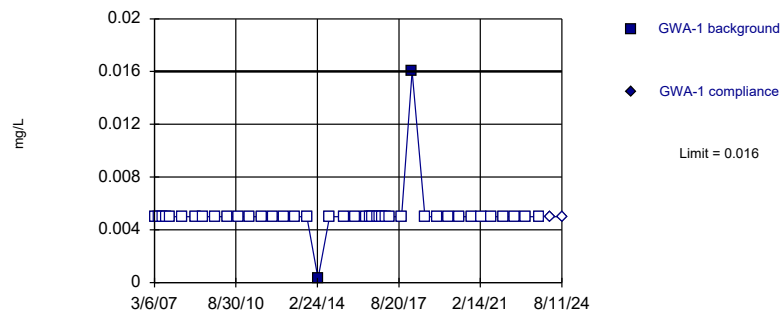
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Cadmium Analysis Run 10/22/2024 12:16 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



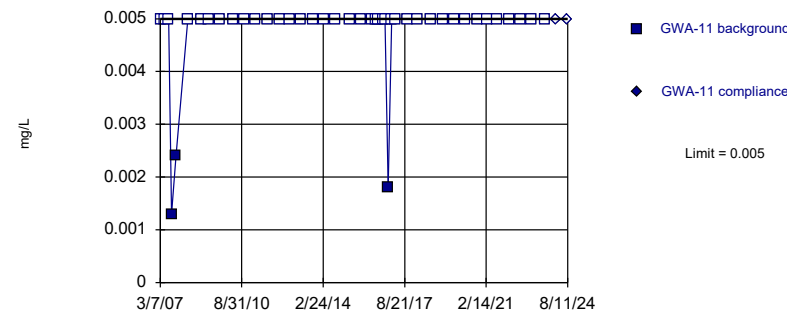
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Chromium Analysis Run 10/22/2024 12:16 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



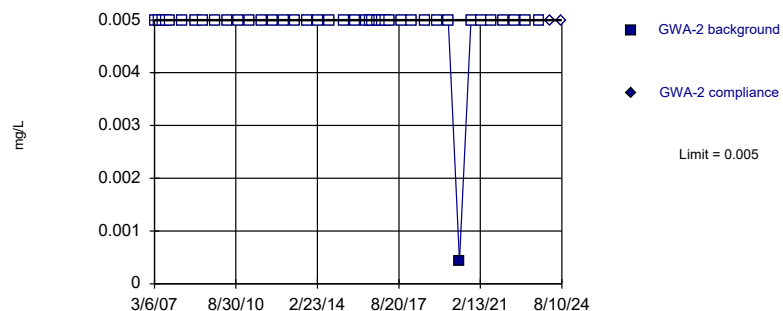
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Chromium Analysis Run 10/22/2024 12:16 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



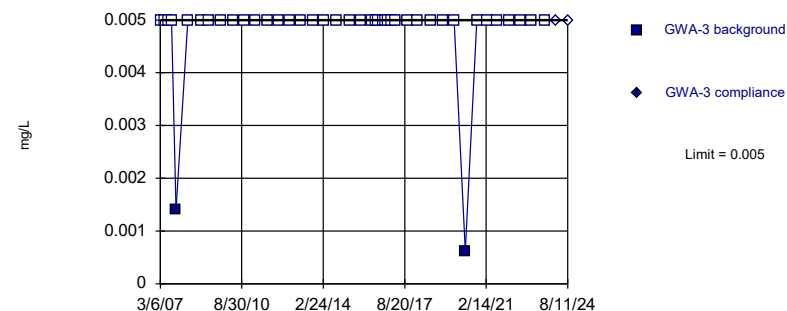
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Chromium Analysis Run 10/22/2024 12:16 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



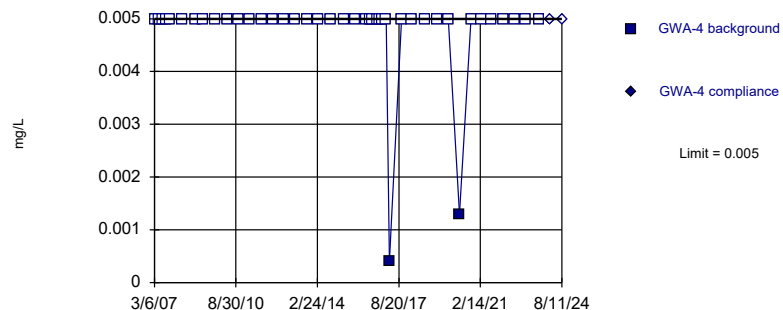
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Chromium Analysis Run 10/22/2024 12:16 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



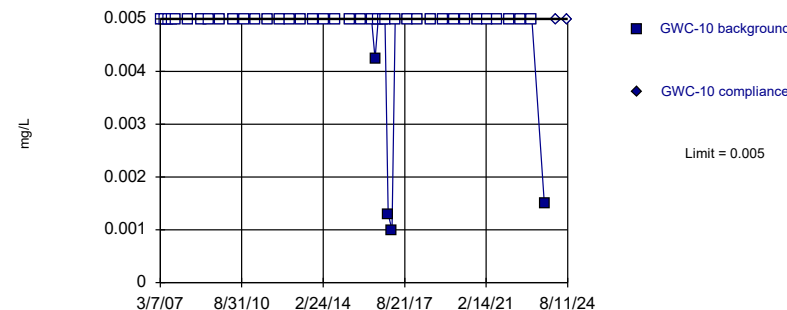
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Chromium Analysis Run 10/22/2024 12:16 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



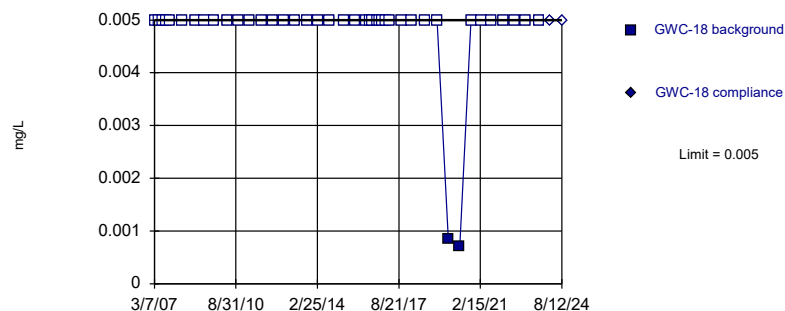
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Chromium Analysis Run 10/22/2024 12:16 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



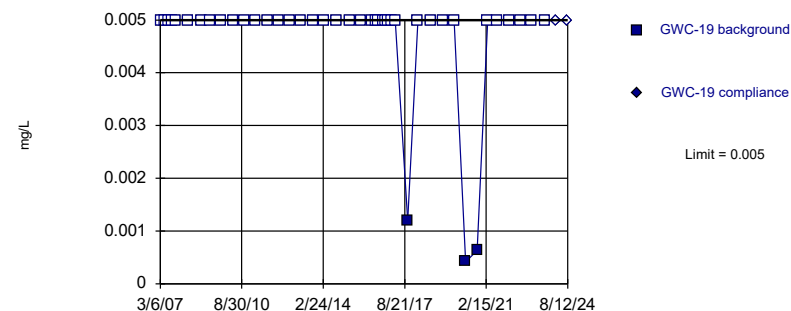
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Chromium Analysis Run 10/22/2024 12:16 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



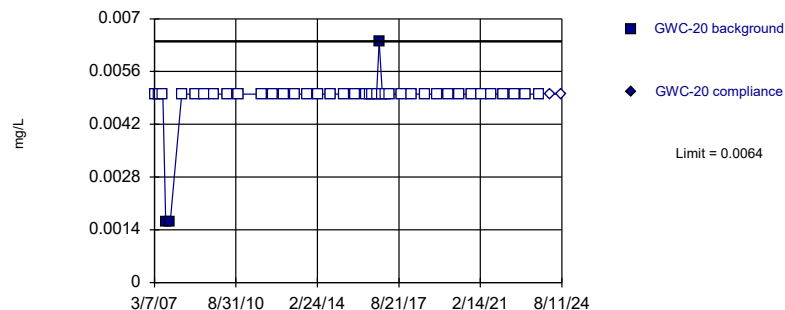
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Constituent: Chromium Analysis Run 10/22/2024 12:16 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



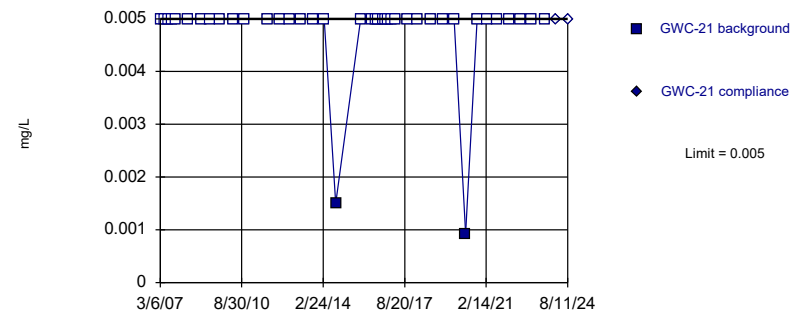
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 92.68% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Chromium Analysis Run 10/22/2024 12:16 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

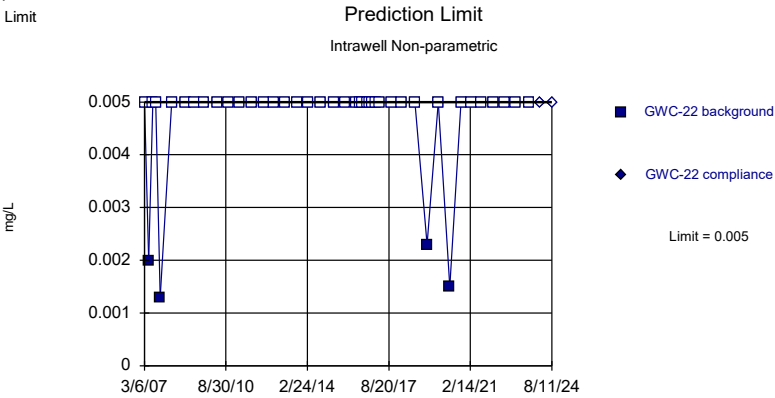
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 40 background values. 95% NDs. Well-constituent pair annual alpha = 0.002316. Individual comparison alpha = 0.001159 (1 of 2).

Constituent: Chromium Analysis Run 10/22/2024 12:16 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

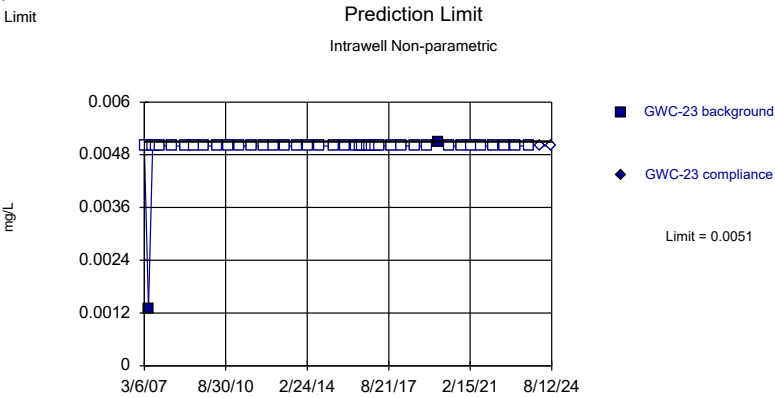
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Chromium Analysis Run 10/22/2024 12:17 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

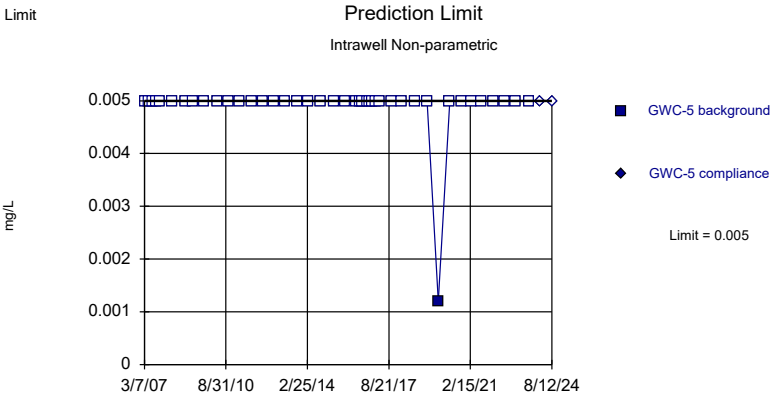
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Chromium Analysis Run 10/22/2024 12:17 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

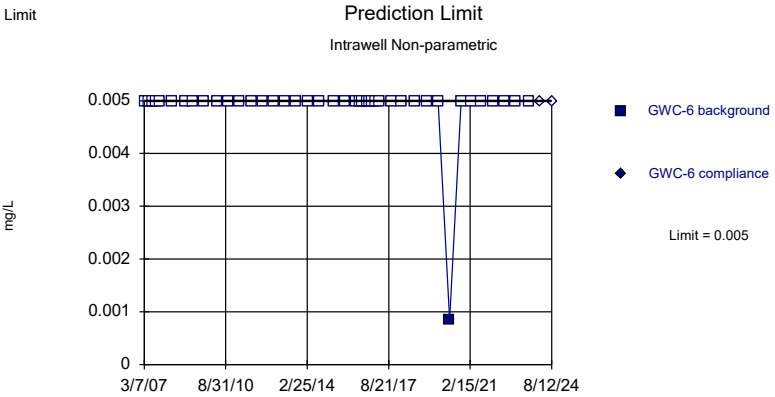
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Chromium Analysis Run 10/22/2024 12:17 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit



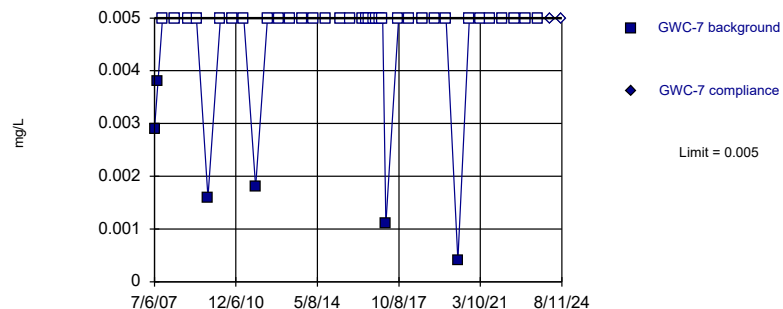
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Chromium Analysis Run 10/22/2024 12:17 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



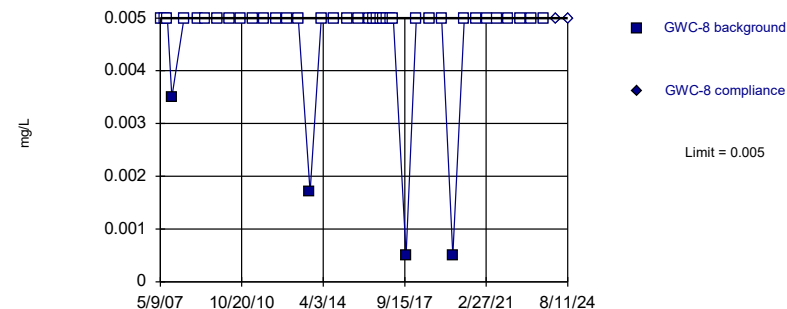
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 40 background values. 85% NDs. Well-constituent pair annual alpha = 0.002316. Individual comparison alpha = 0.001159 (1 of 2).

Constituent: Chromium Analysis Run 10/22/2024 12:17 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



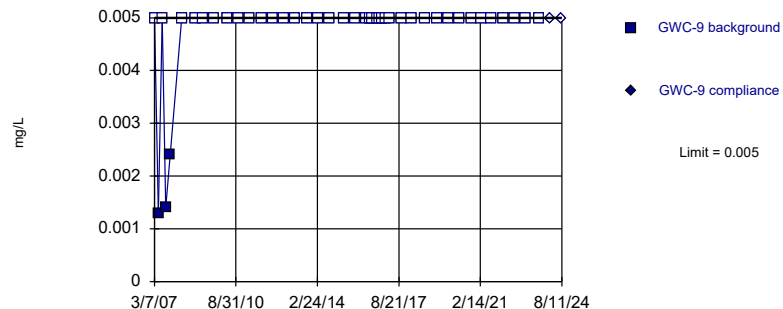
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 90.24% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Chromium Analysis Run 10/22/2024 12:17 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



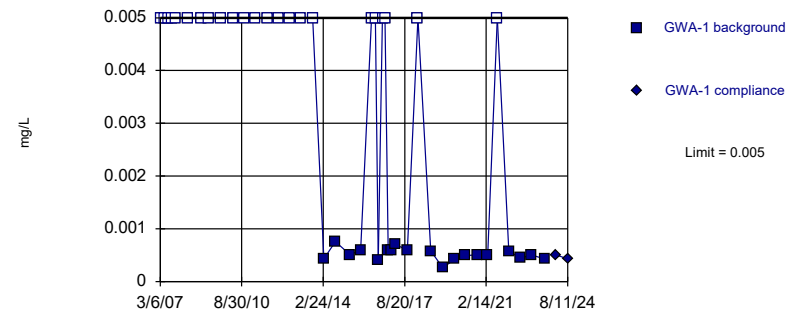
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Chromium Analysis Run 10/22/2024 12:17 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



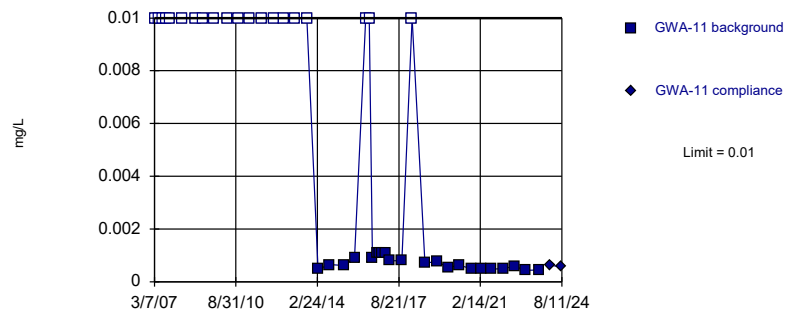
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 54.76% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Cobalt Analysis Run 10/22/2024 12:17 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



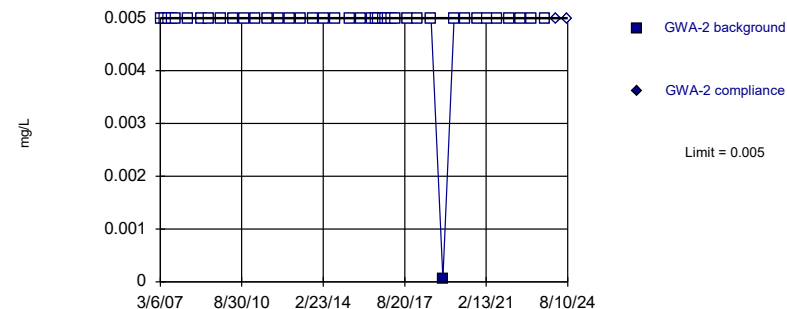
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 42 background values. 47.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Cobalt Analysis Run 10/22/2024 12:17 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



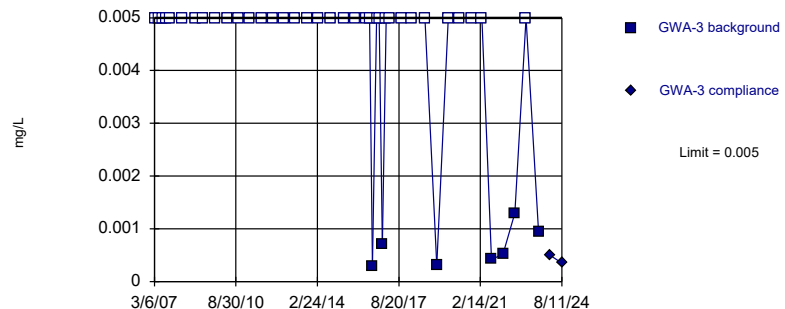
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Cobalt Analysis Run 10/22/2024 12:17 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



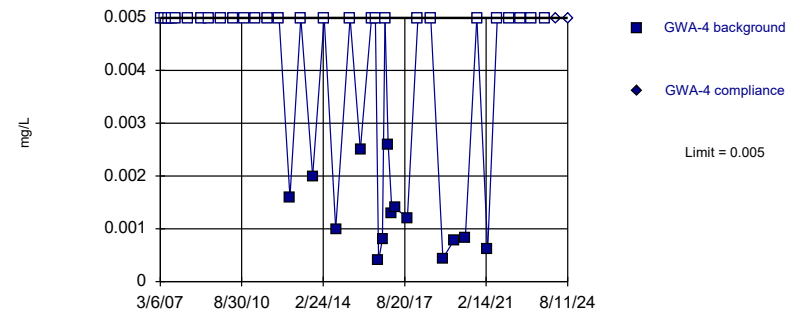
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 83.33% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Cobalt Analysis Run 10/22/2024 12:17 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

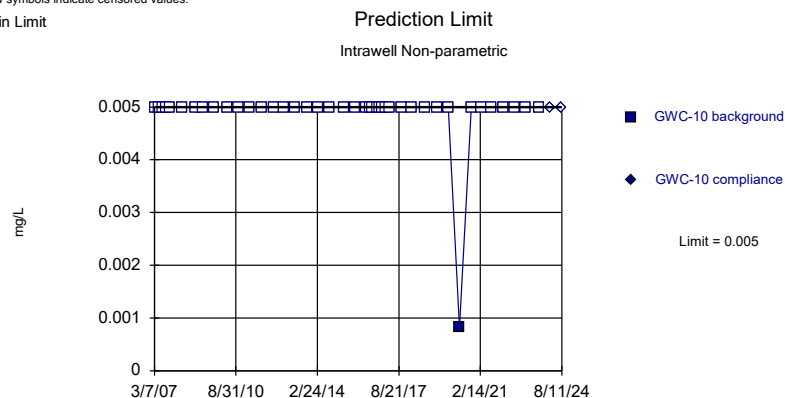
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Cobalt Analysis Run 10/22/2024 12:17 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

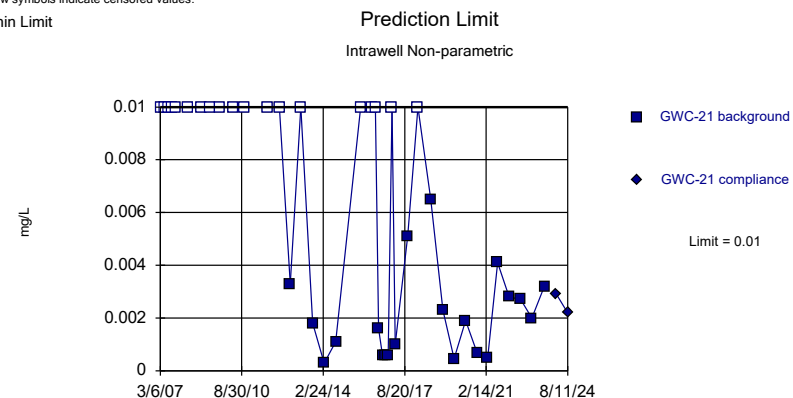
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Cobalt Analysis Run 10/22/2024 12:17 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

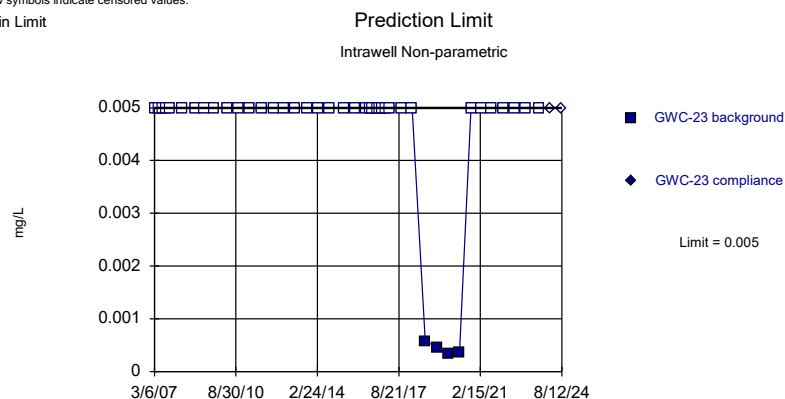
Within Limit



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 40 background values. 47.5% NDs. Well-constituent pair annual alpha = 0.002316. Individual comparison alpha = 0.001159 (1 of 2).

Constituent: Cobalt Analysis Run 10/22/2024 12:17 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

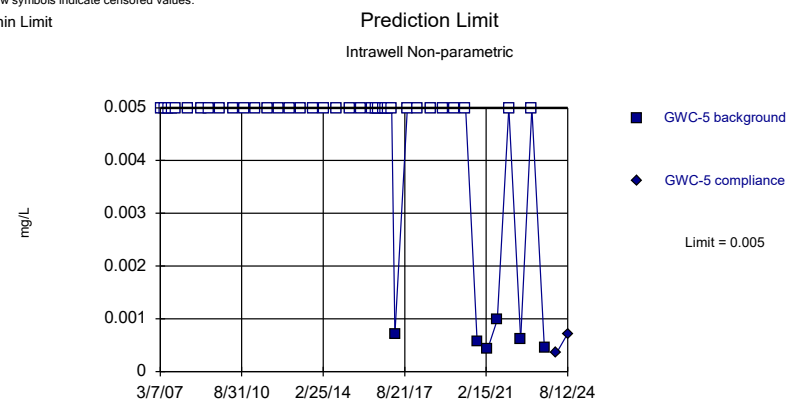
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Cobalt Analysis Run 10/22/2024 12:17 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit



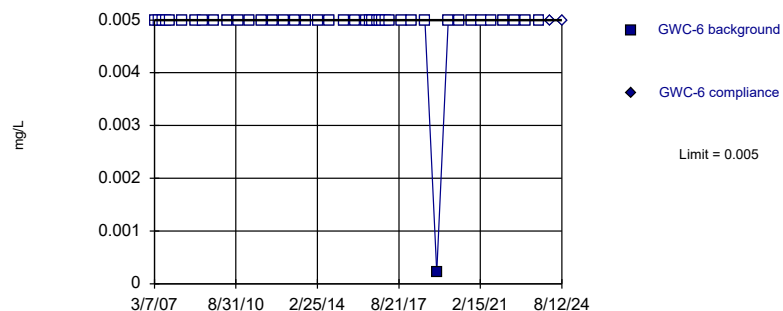
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Cobalt Analysis Run 10/22/2024 12:17 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



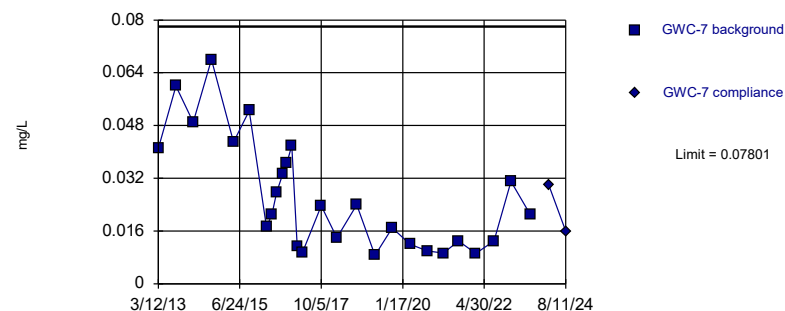
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Cobalt Analysis Run 10/22/2024 12:17 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



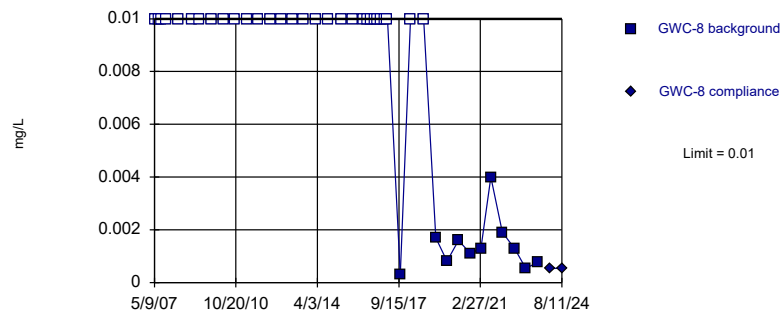
Background Data Summary (based on square root transformation): Mean=0.1553, Std. Dev.=0.05079, n=27. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9232, critical = 0.894. Kappa = 2.442 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

Constituent: Cobalt Analysis Run 10/22/2024 12:17 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



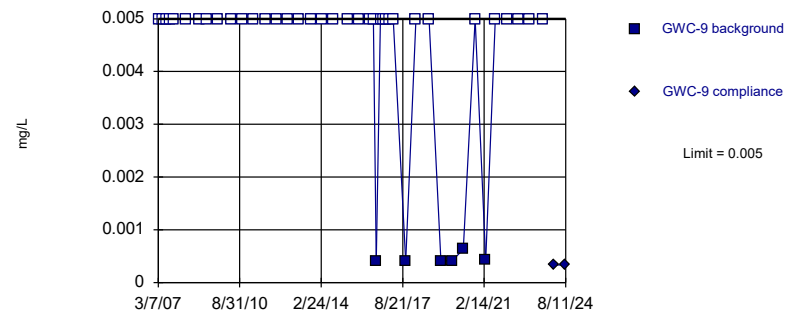
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 73.17% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Cobalt Analysis Run 10/22/2024 12:17 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



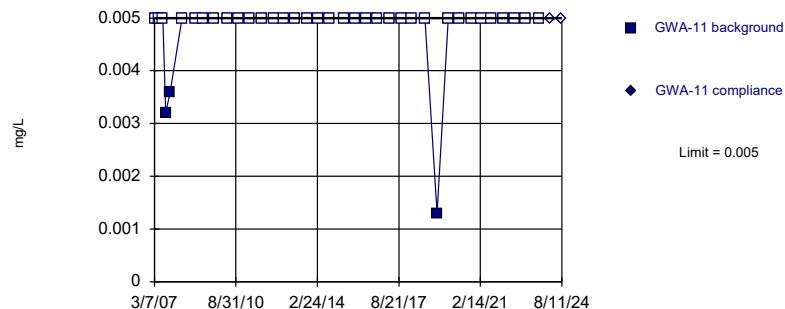
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Cobalt Analysis Run 10/22/2024 12:17 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



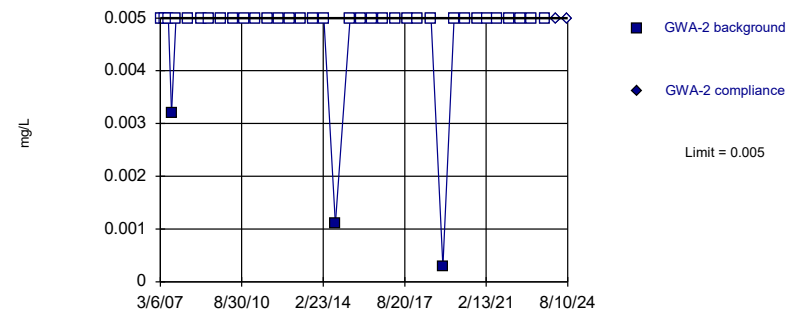
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Copper Analysis Run 10/22/2024 12:17 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



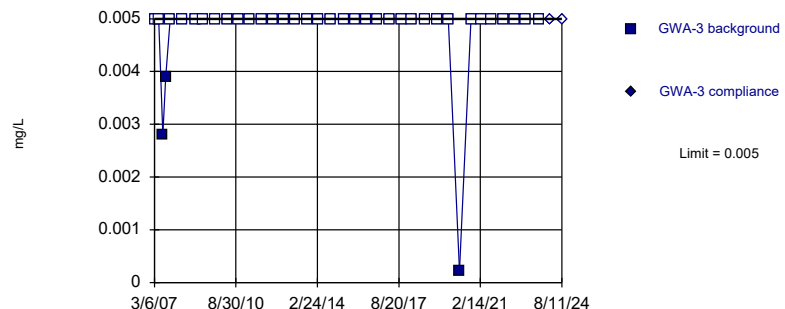
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Copper Analysis Run 10/22/2024 12:17 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



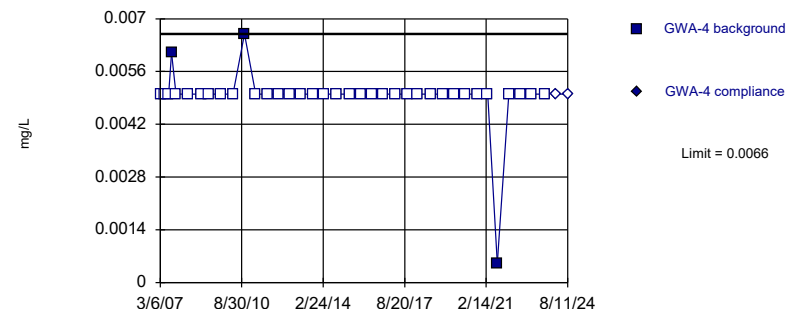
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Copper Analysis Run 10/22/2024 12:17 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



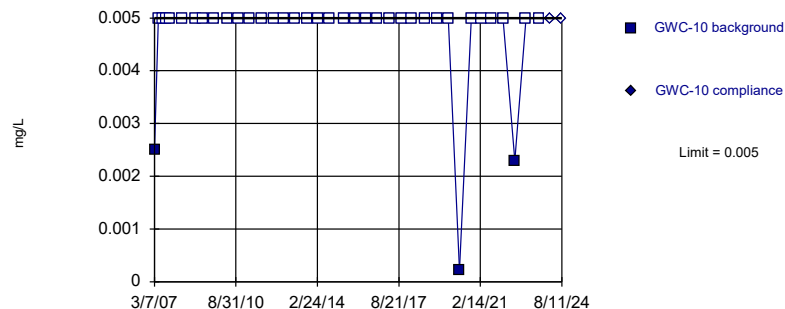
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Copper Analysis Run 10/22/2024 12:17 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



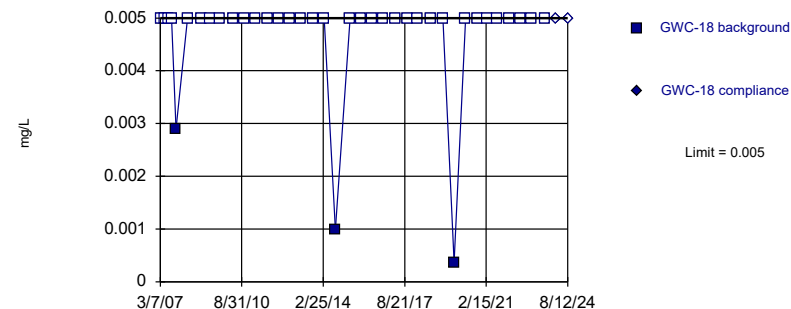
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Copper Analysis Run 10/22/2024 12:17 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



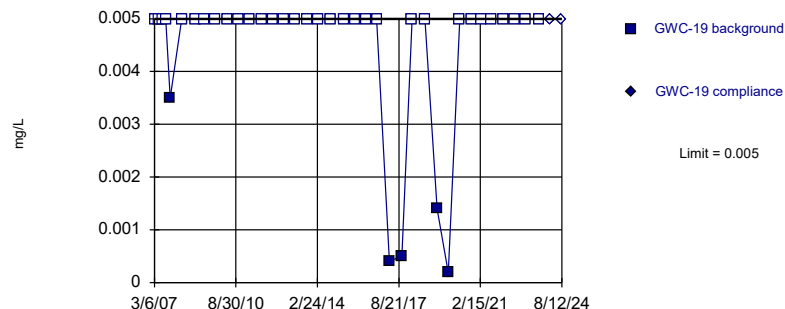
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Copper Analysis Run 10/22/2024 12:17 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



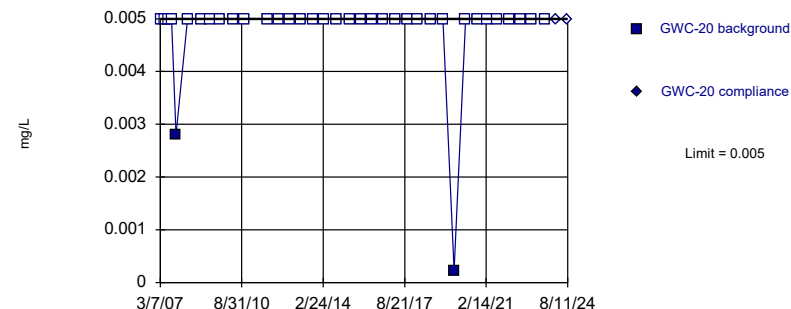
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 86.49% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Copper Analysis Run 10/22/2024 12:17 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



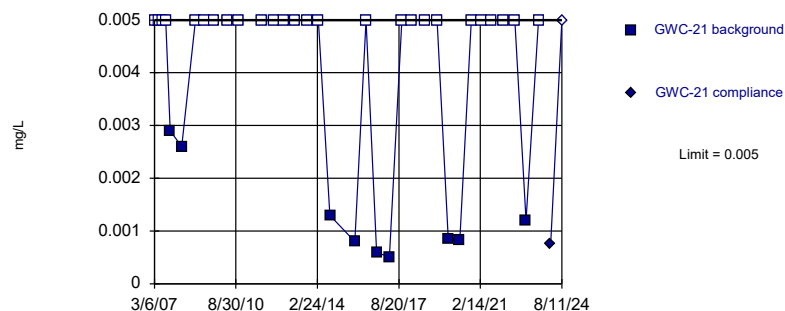
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 94.44% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Copper Analysis Run 10/22/2024 12:17 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



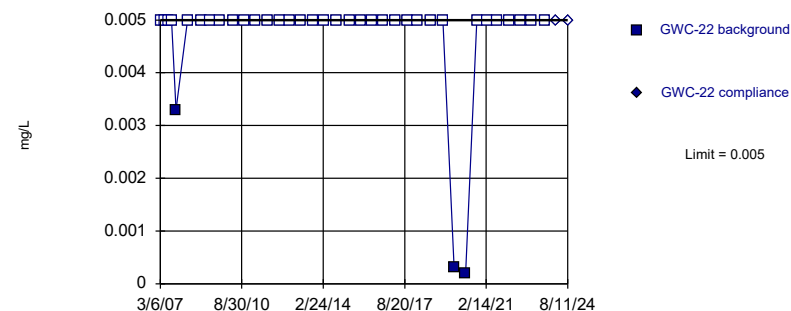
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 35 background values. 74.29% NDs. Well-constituent pair annual alpha = 0.002991. Individual comparison alpha = 0.001497 (1 of 2).

Constituent: Copper Analysis Run 10/22/2024 12:17 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



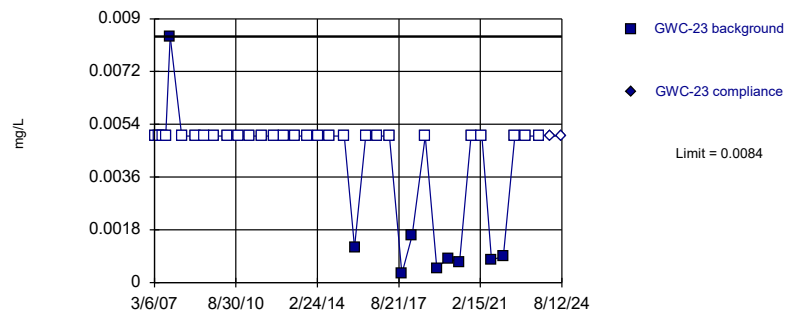
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Copper Analysis Run 10/22/2024 12:17 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



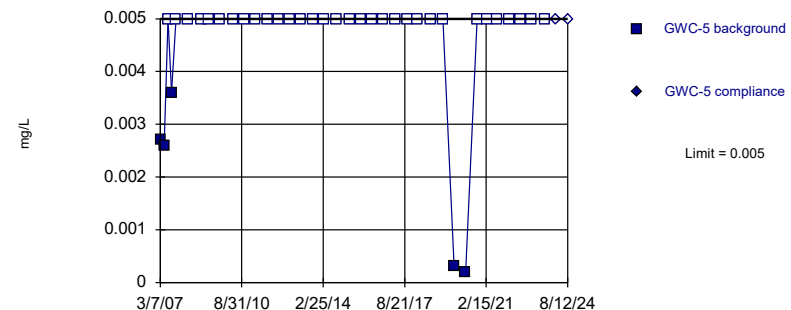
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 75.68% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Copper Analysis Run 10/22/2024 12:17 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

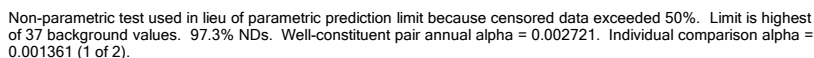
Prediction Limit

Intrawell Non-parametric

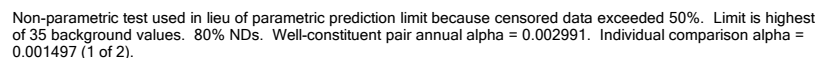


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 86.49% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

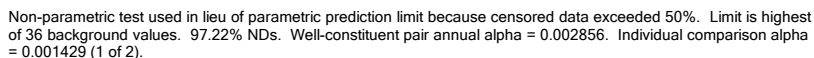
Constituent: Copper Analysis Run 10/22/2024 12:17 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill



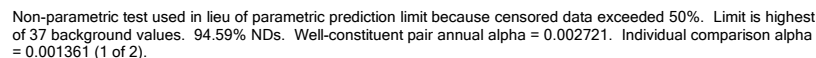
Constituent: Copper Analysis Run 10/22/2024 12:17 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill



Constituent: Copper Analysis Run 10/22/2024 12:17 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill



Constituent: Copper Analysis Run 10/22/2024 12:17 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

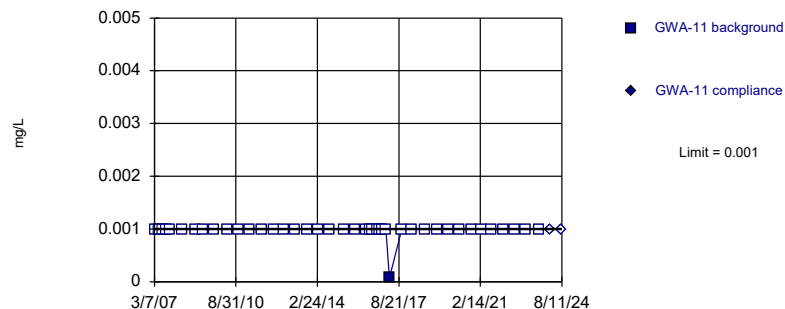


Constituent: Copper Analysis Run 10/22/2024 12:17 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



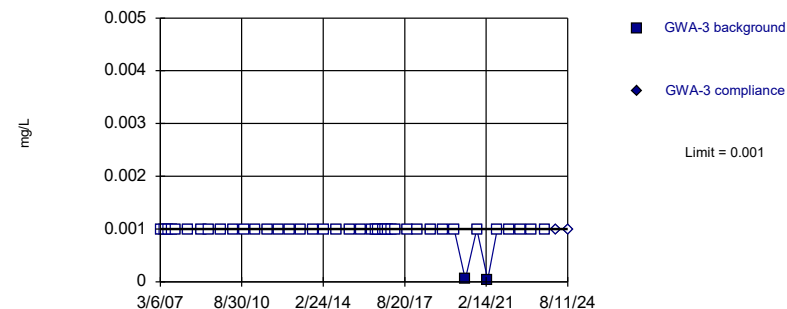
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Lead Analysis Run 10/22/2024 12:17 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



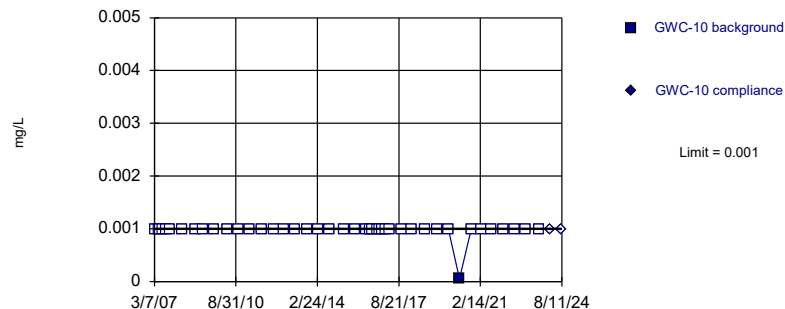
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Lead Analysis Run 10/22/2024 12:17 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



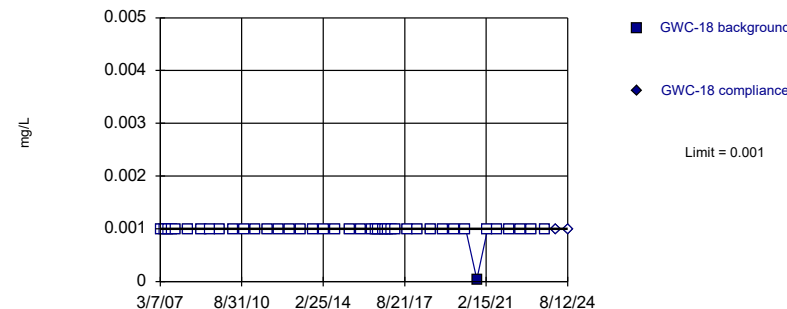
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Lead Analysis Run 10/22/2024 12:17 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



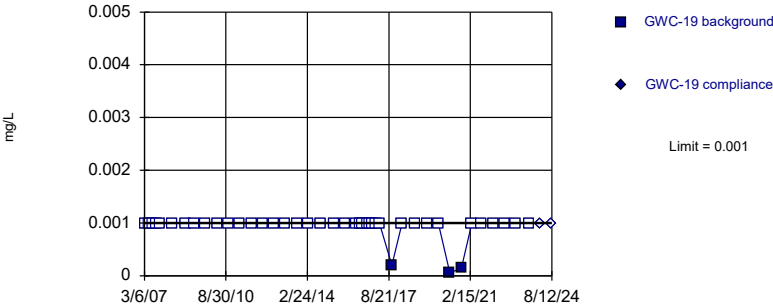
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Lead Analysis Run 10/22/2024 12:17 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



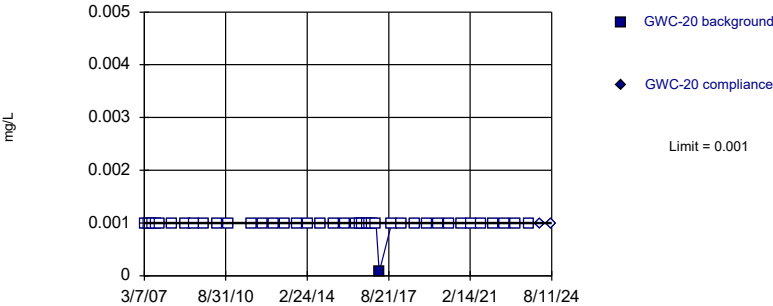
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Lead Analysis Run 10/22/2024 12:17 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



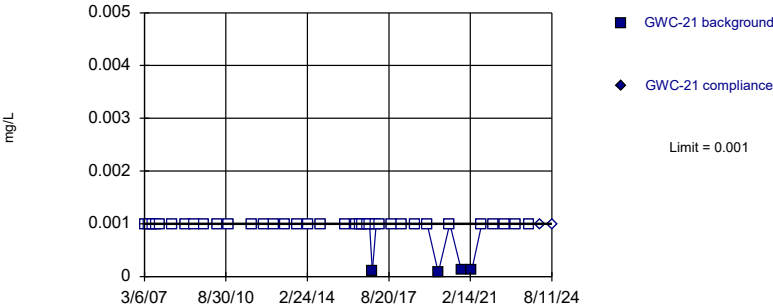
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 97.56% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Lead Analysis Run 10/22/2024 12:17 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



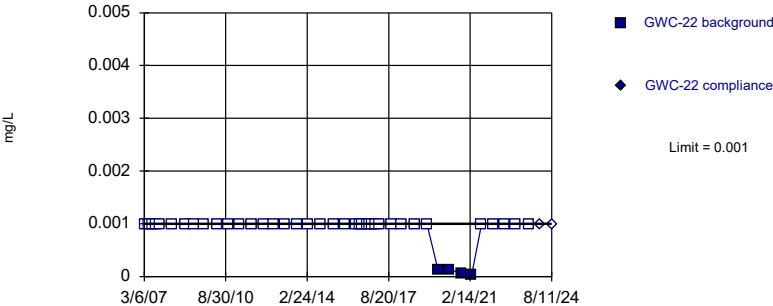
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 40 background values. 90% NDs. Well-constituent pair annual alpha = 0.002316. Individual comparison alpha = 0.001159 (1 of 2).

Constituent: Lead Analysis Run 10/22/2024 12:17 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



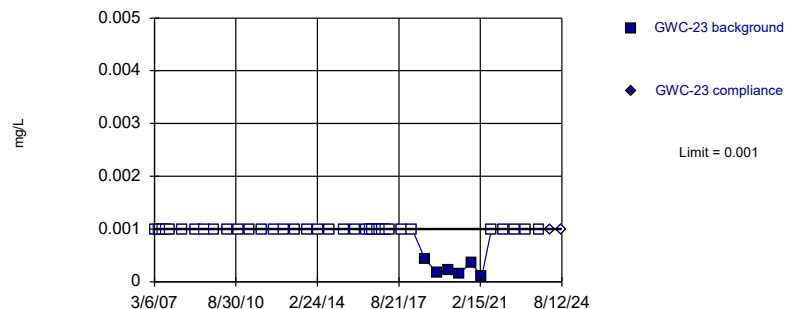
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Lead Analysis Run 10/22/2024 12:17 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



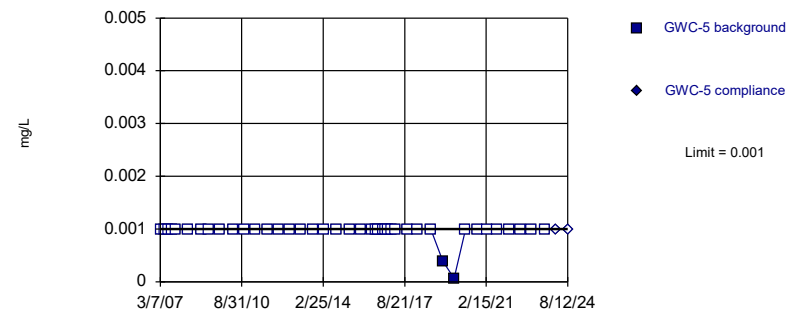
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Lead Analysis Run 10/22/2024 12:17 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



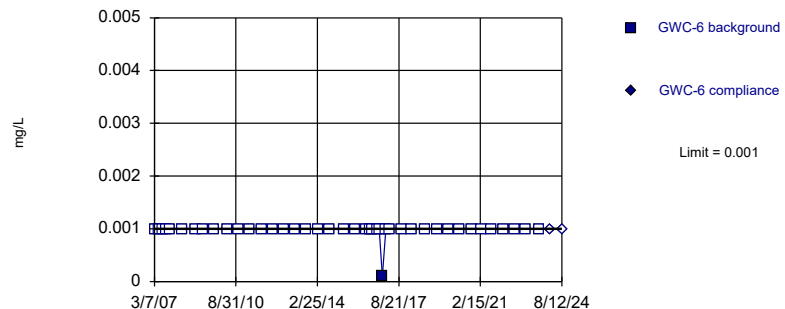
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Lead Analysis Run 10/22/2024 12:17 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



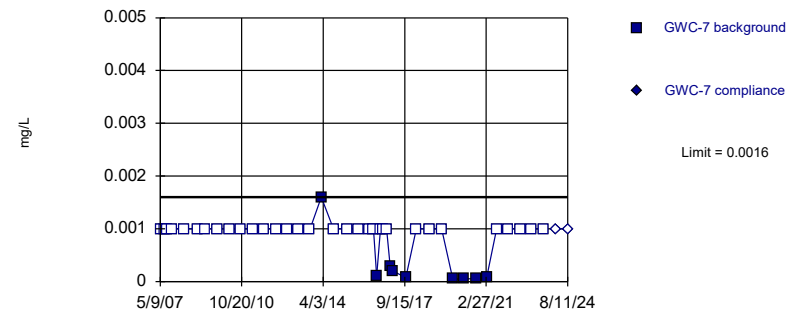
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Lead Analysis Run 10/22/2024 12:17 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



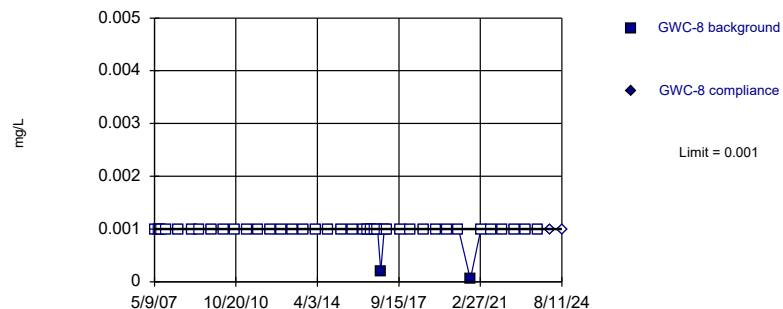
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 78.05% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Lead Analysis Run 10/22/2024 12:17 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



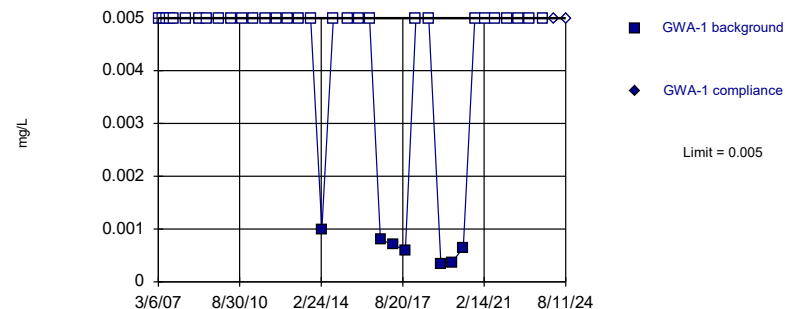
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 95.12% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Lead Analysis Run 10/22/2024 12:17 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



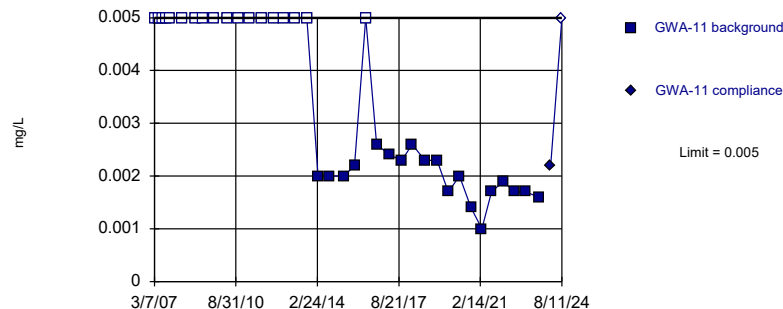
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 81.08% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Nickel Analysis Run 10/22/2024 12:17 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



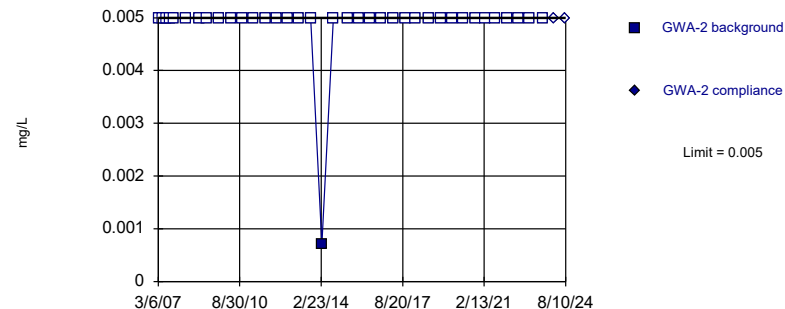
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 37 background values. 48.65% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Nickel Analysis Run 10/22/2024 12:17 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

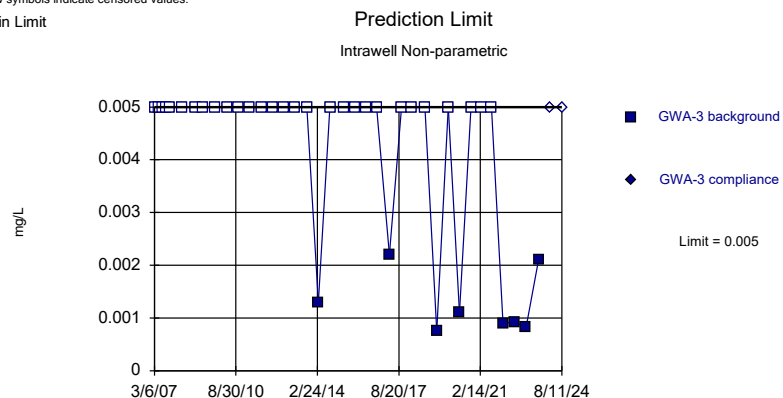
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Nickel Analysis Run 10/22/2024 12:17 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

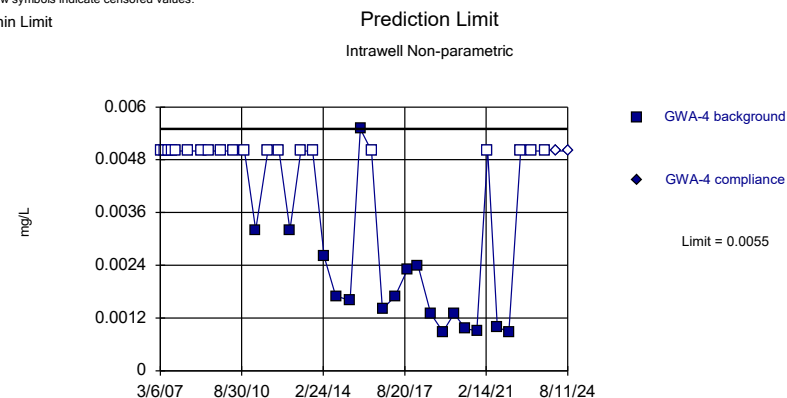
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 78.38% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Nickel Analysis Run 10/22/2024 12:17 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

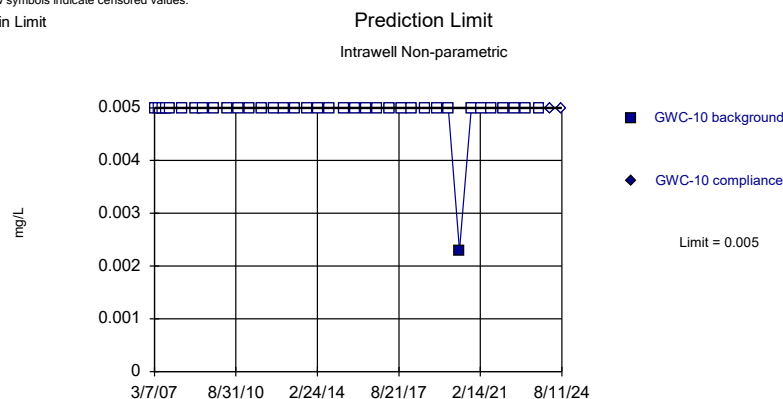
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 54.05% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Nickel Analysis Run 10/22/2024 12:17 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

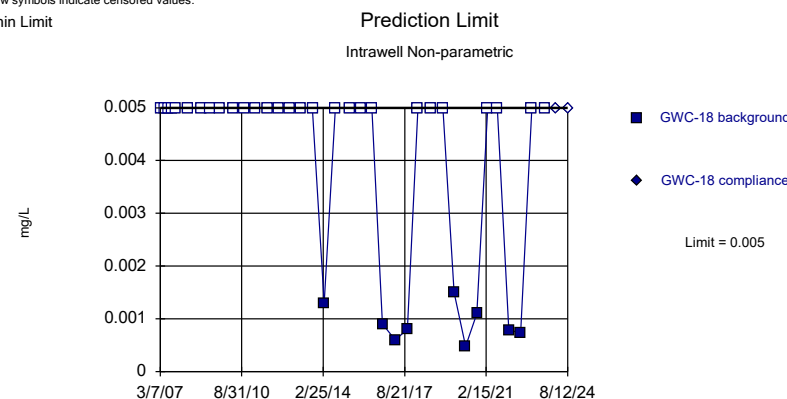
Within Limit



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: Nickel Analysis Run 10/22/2024 12:18 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit



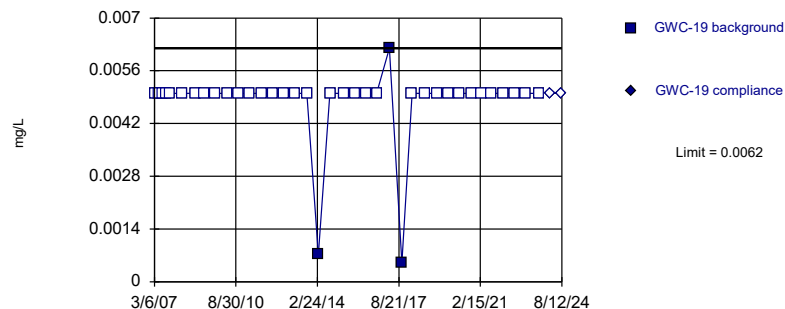
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 75.68% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Nickel Analysis Run 10/22/2024 12:18 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



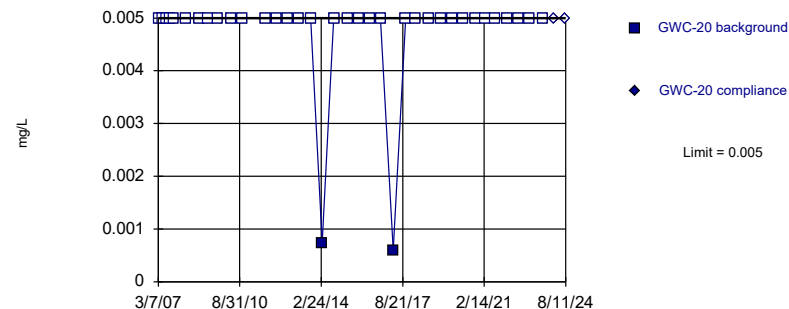
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Nickel Analysis Run 10/22/2024 12:18 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



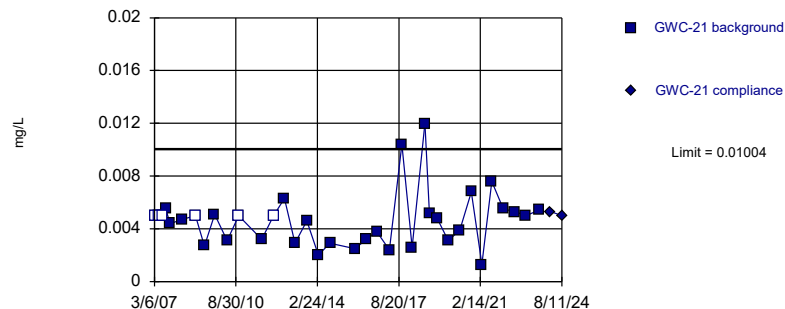
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 94.44% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Nickel Analysis Run 10/22/2024 12:18 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



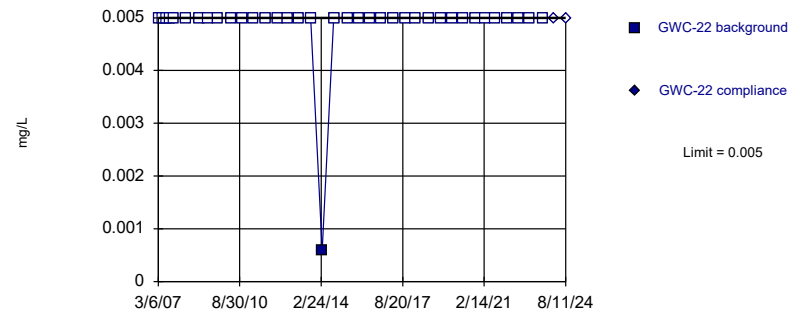
Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.06294, Std. Dev.=0.01589, n=36, 16.67% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9374, critical = 0.912. Kappa = 2.344 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

Constituent: Nickel Analysis Run 10/22/2024 12:18 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

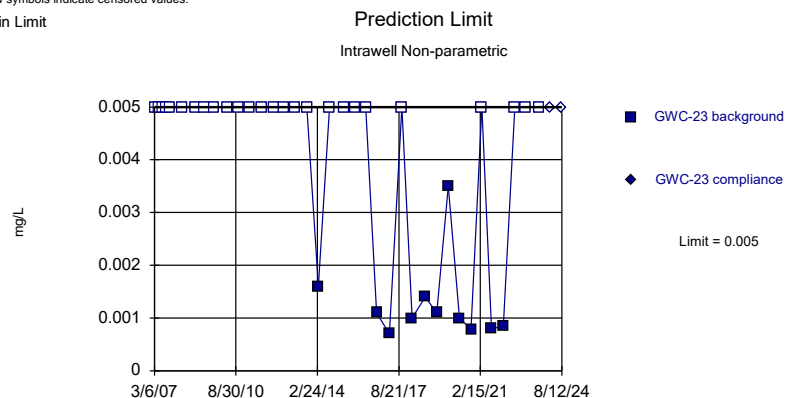
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Nickel Analysis Run 10/22/2024 12:18 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

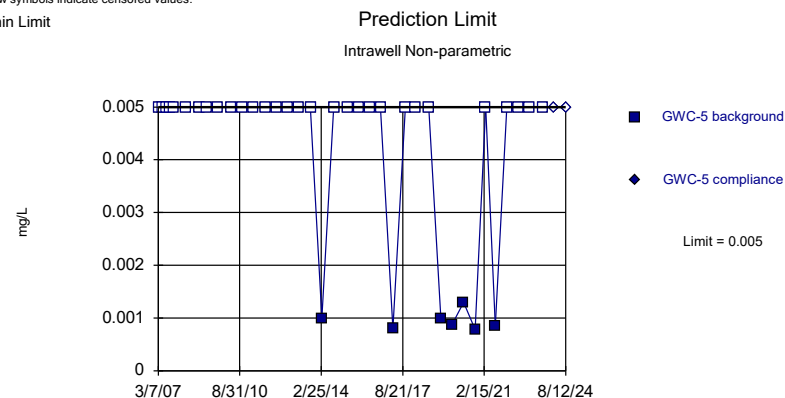
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 70.27% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Nickel Analysis Run 10/22/2024 12:18 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

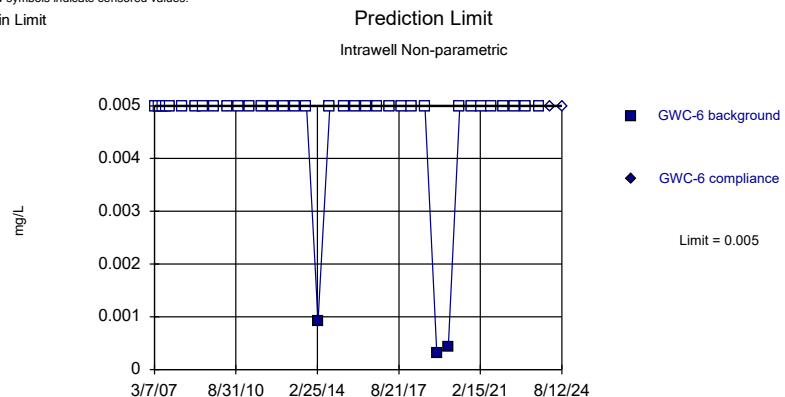
Within Limit



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: Nickel Analysis Run 10/22/2024 12:18 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

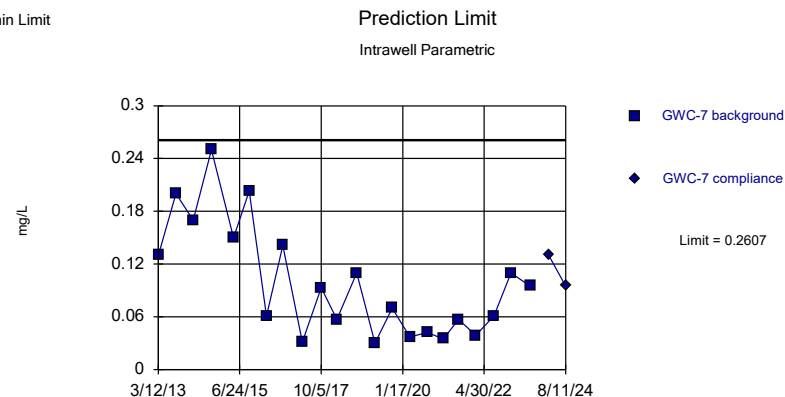
Within Limit



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: Nickel Analysis Run 10/22/2024 12:18 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit



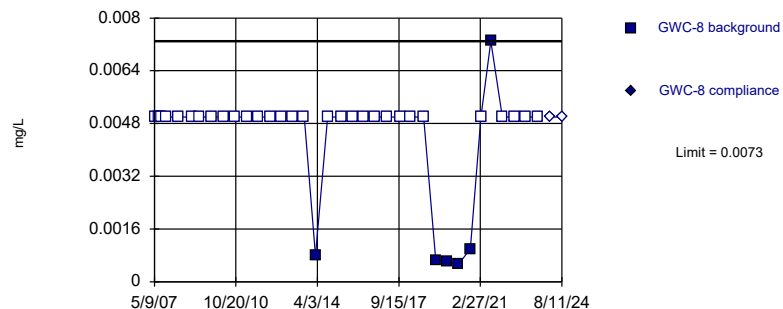
Background Data Summary: Mean=0.09873, Std. Dev.=0.06395, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8961, critical = 0.878. Kappa = 2.533 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

Constituent: Nickel Analysis Run 10/22/2024 12:18 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



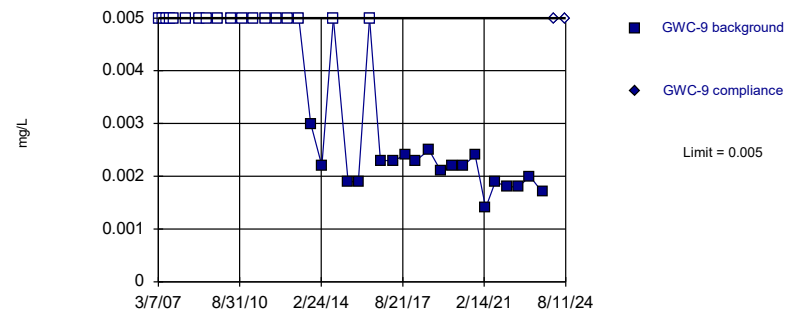
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 83.33% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Nickel Analysis Run 10/22/2024 12:18 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



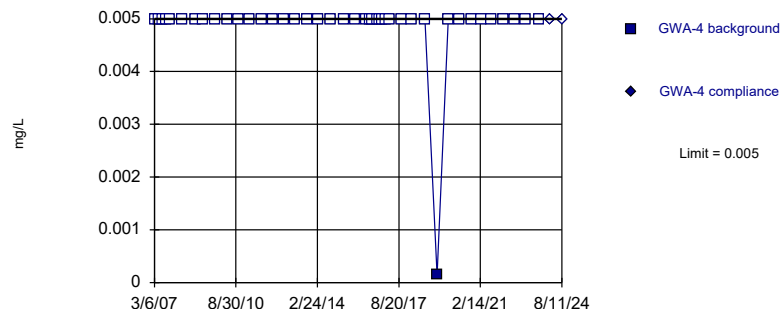
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 37 background values. 48.65% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Nickel Analysis Run 10/22/2024 12:18 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



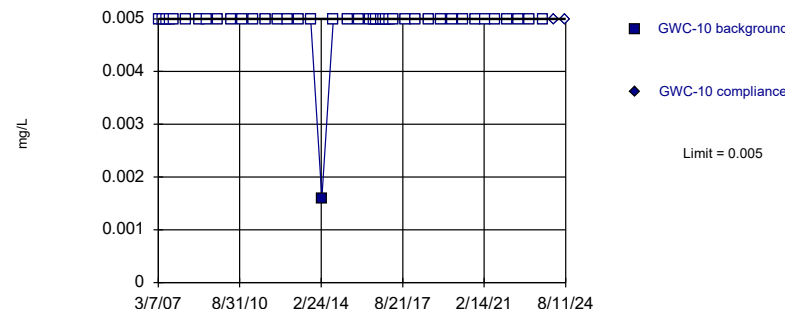
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Selenium Analysis Run 10/22/2024 12:18 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

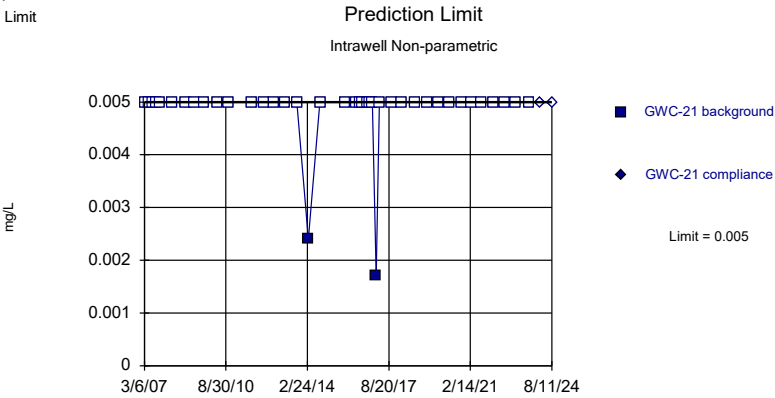
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Selenium Analysis Run 10/22/2024 12:18 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

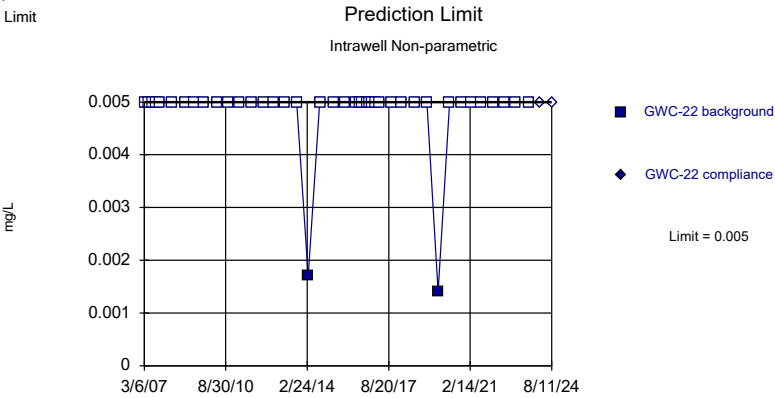
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 40 background values. 95% NDs. Well-constituent pair annual alpha = 0.002316. Individual comparison alpha = 0.001159 (1 of 2).

Constituent: Selenium Analysis Run 10/22/2024 12:18 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

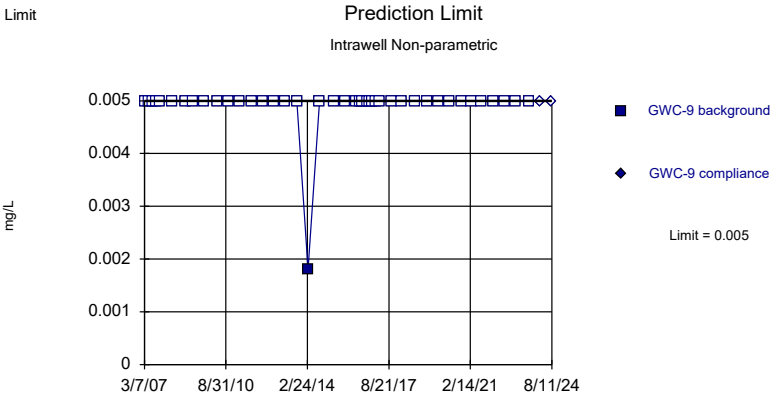
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Selenium Analysis Run 10/22/2024 12:18 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

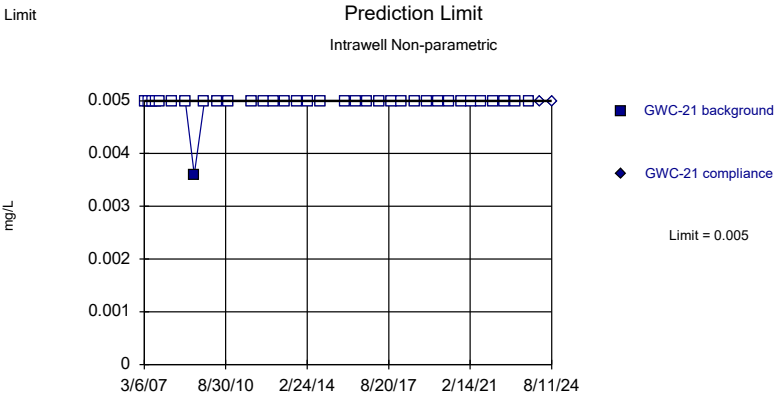
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Selenium Analysis Run 10/22/2024 12:18 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

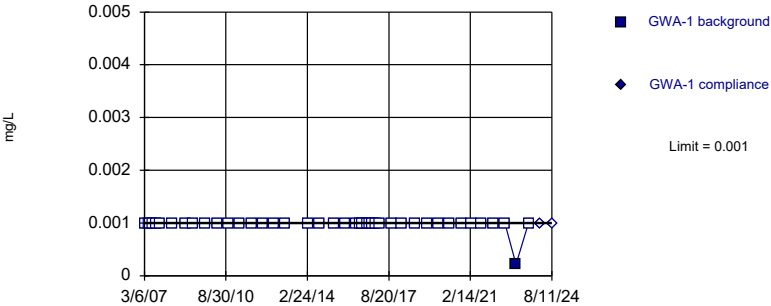


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 35 background values. 97.14% NDs. Well-constituent pair annual alpha = 0.002991. Individual comparison alpha = 0.001497 (1 of 2).

Constituent: Silver Analysis Run 10/22/2024 12:18 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

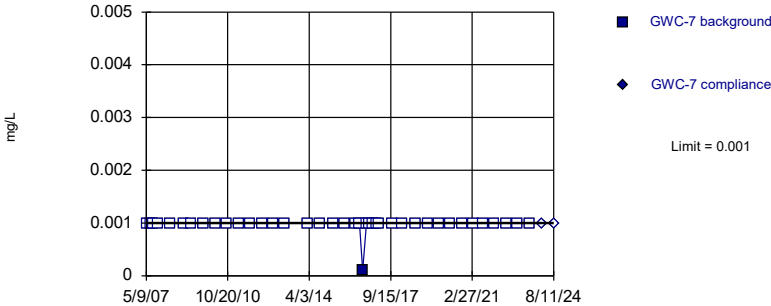


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 97.56% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Thallium Analysis Run 10/22/2024 12:18 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

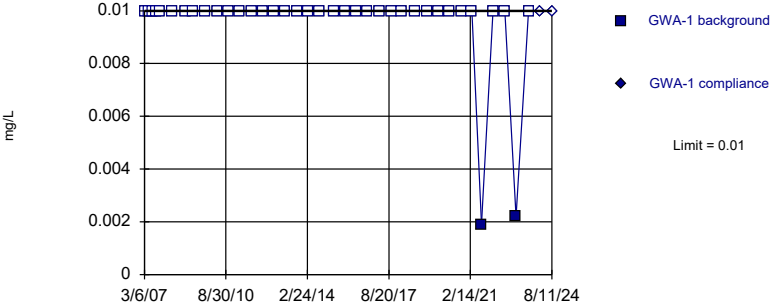


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 40 background values. 97.5% NDs. Well-constituent pair annual alpha = 0.002316. Individual comparison alpha = 0.001159 (1 of 2).

Constituent: Thallium Analysis Run 10/22/2024 12:18 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

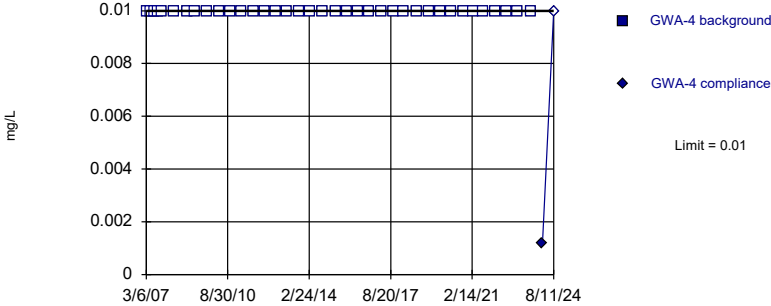


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 94.59% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Vanadium Analysis Run 10/22/2024 12:18 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

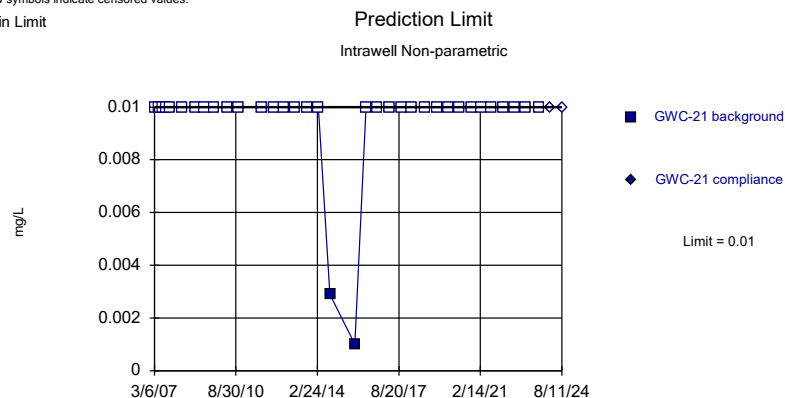
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. 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: Vanadium Analysis Run 10/22/2024 12:18 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

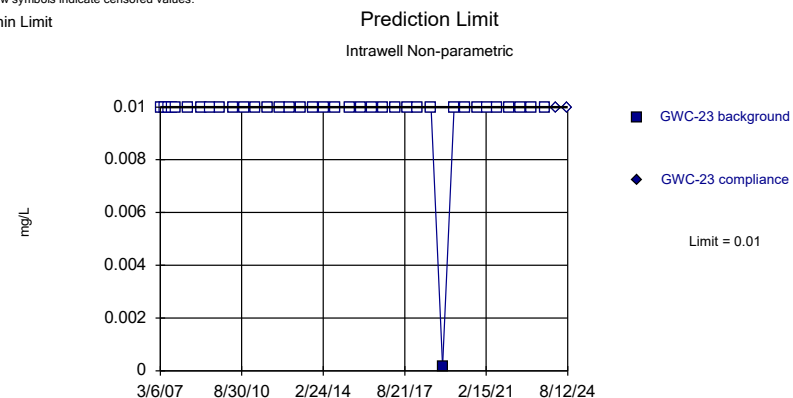
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 35 background values. 94.29% NDs. Well-constituent pair annual alpha = 0.002991. Individual comparison alpha = 0.001497 (1 of 2).

Constituent: Vanadium Analysis Run 10/22/2024 12:18 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

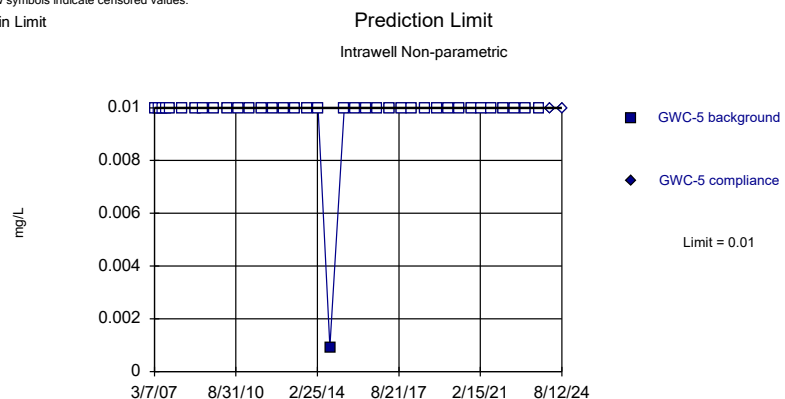
Within Limit



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: Vanadium Analysis Run 10/22/2024 12:18 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

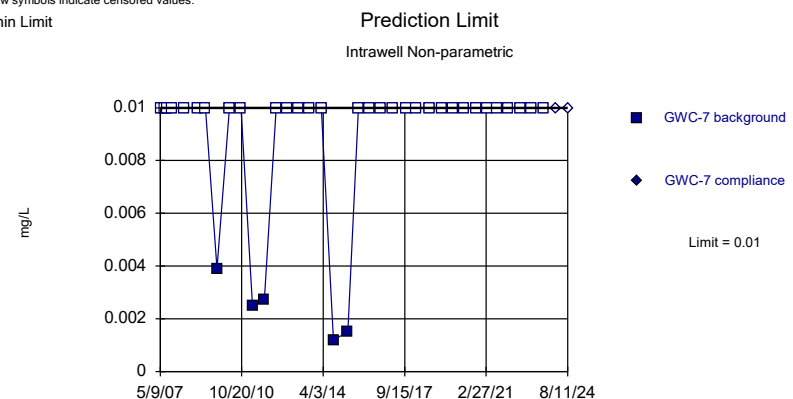
Within Limit



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: Vanadium Analysis Run 10/22/2024 12:18 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit



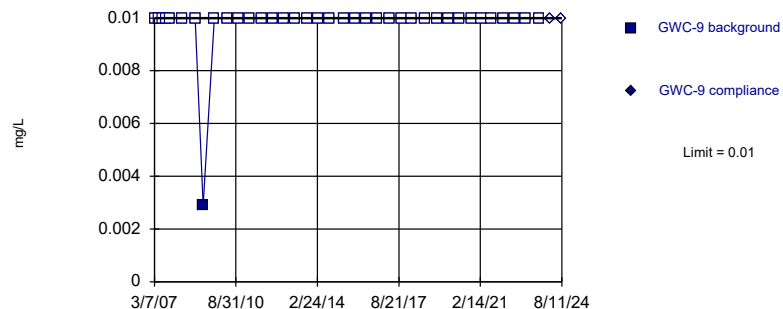
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 86.11% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Vanadium Analysis Run 10/22/2024 12:18 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



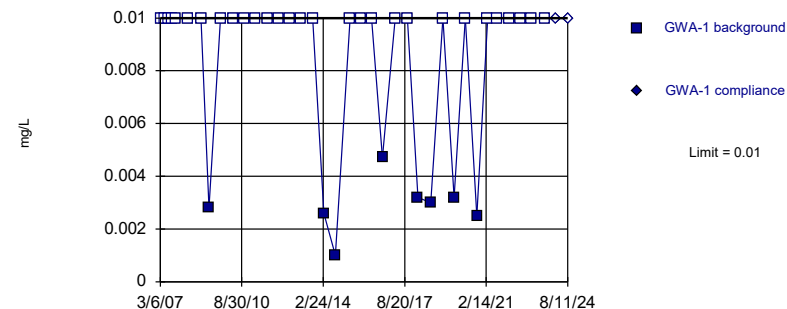
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Vanadium Analysis Run 10/22/2024 12:18 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



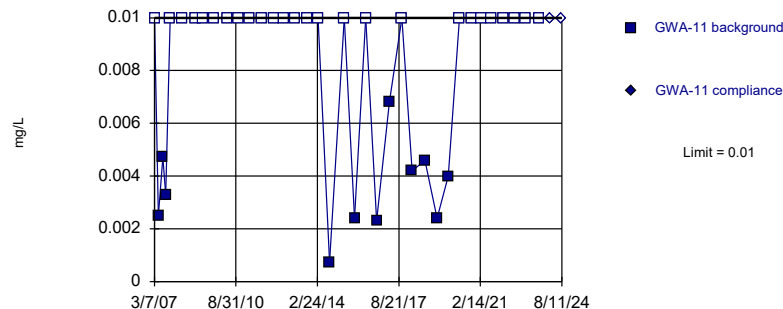
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 78.38% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Zinc Analysis Run 10/22/2024 12:18 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



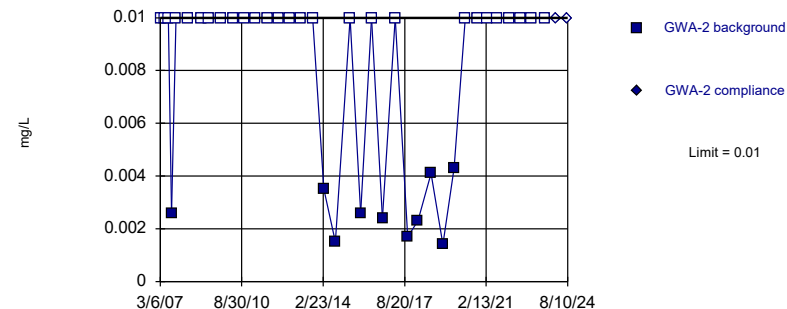
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 70.27% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Zinc Analysis Run 10/22/2024 12:18 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

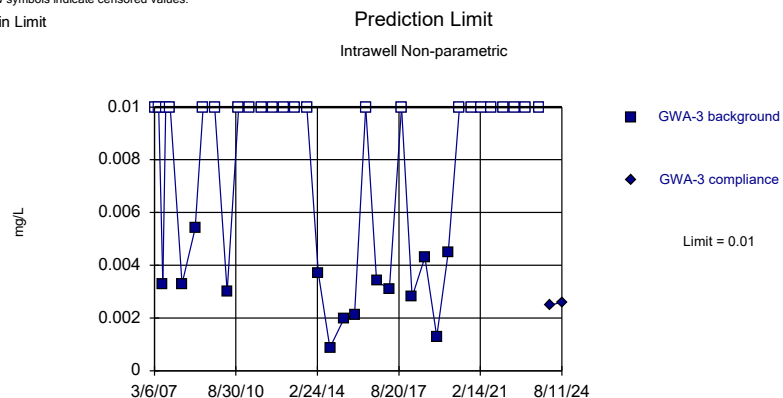
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 72.97% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Zinc Analysis Run 10/22/2024 12:18 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

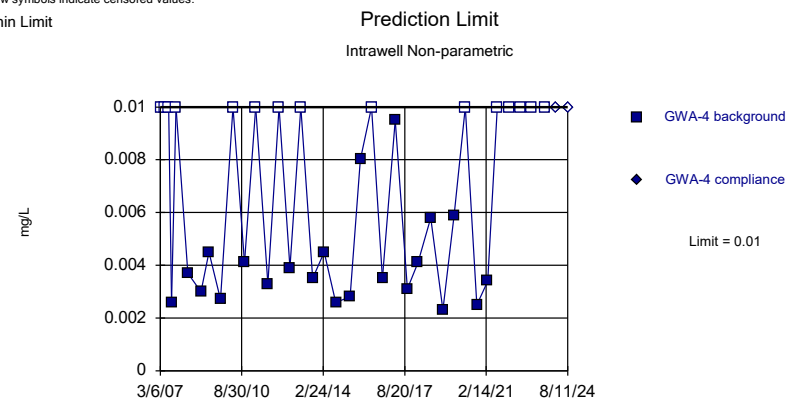
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 62.16% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Zinc Analysis Run 10/22/2024 12:18 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

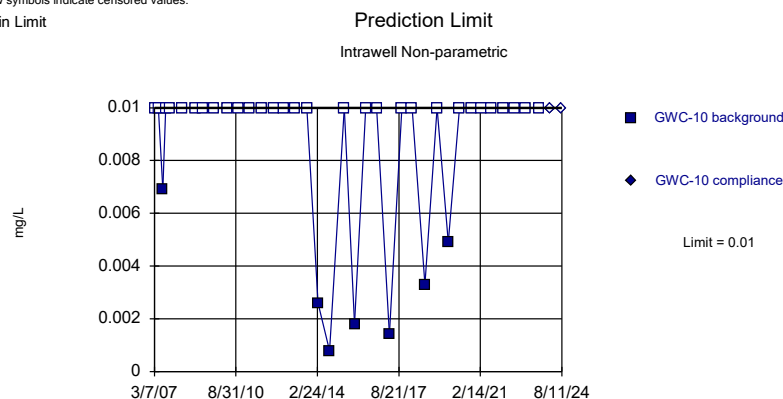
Within Limit



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. 40.54% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Zinc Analysis Run 10/22/2024 12:18 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

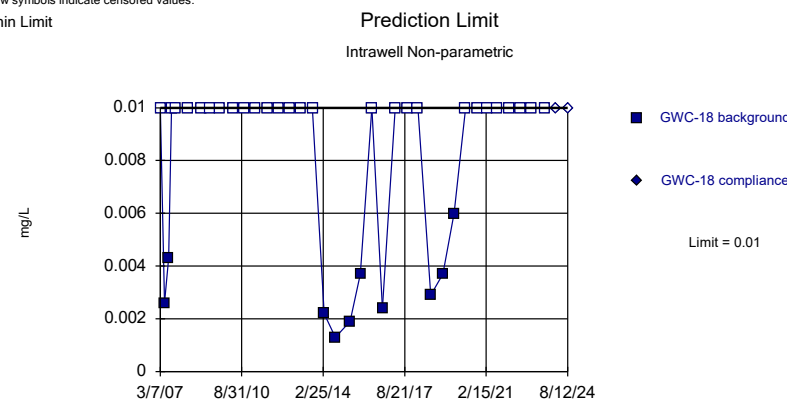
Within Limit



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: Zinc Analysis Run 10/22/2024 12:18 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit



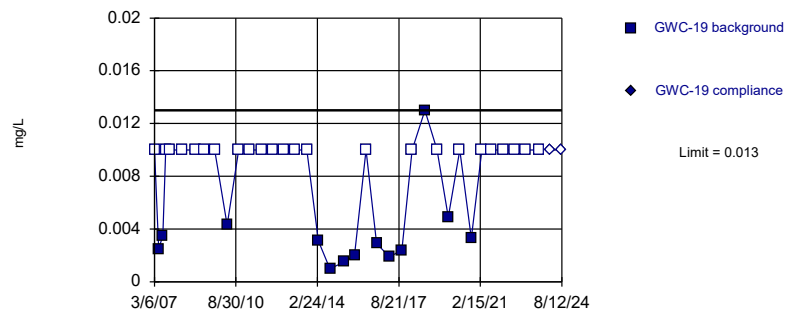
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 72.97% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Zinc Analysis Run 10/22/2024 12:18 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



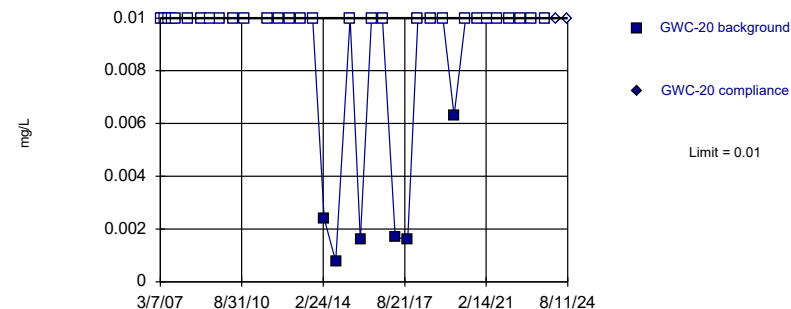
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 64.86% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Zinc Analysis Run 10/22/2024 12:18 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



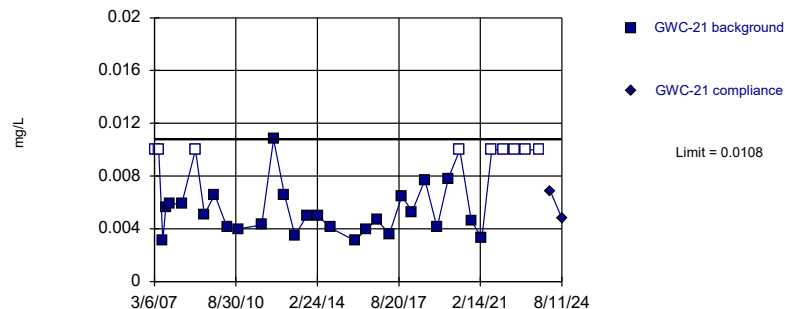
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 83.33% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Zinc Analysis Run 10/22/2024 12:18 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



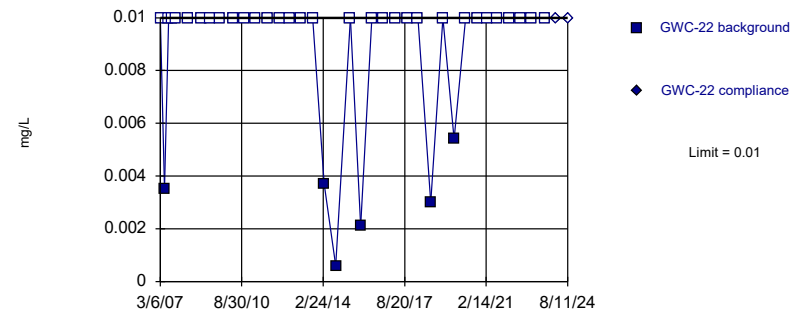
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 35 background values. 25.71% NDs. Well-constituent pair annual alpha = 0.002991. Individual comparison alpha = 0.001497 (1 of 2).

Constituent: Zinc Analysis Run 10/22/2024 12:18 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

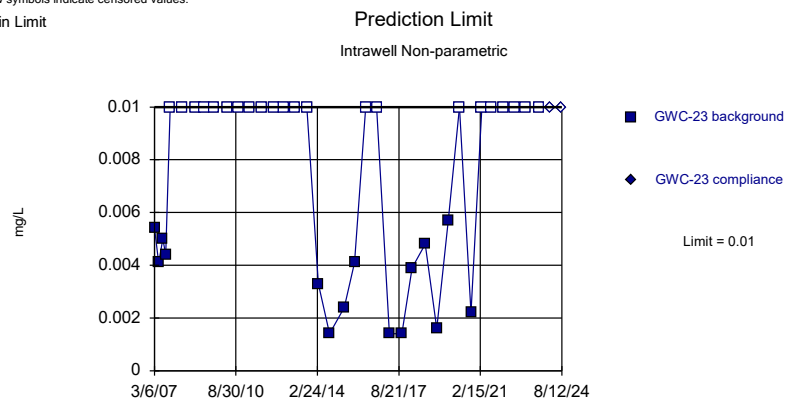
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 83.78% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Zinc Analysis Run 10/22/2024 12:18 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

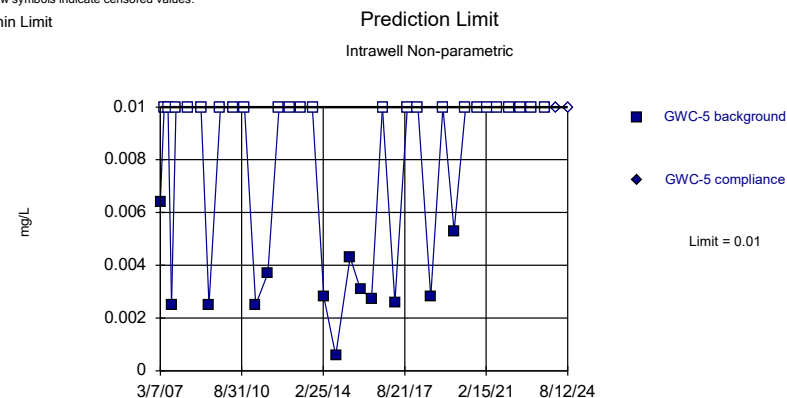
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 59.46% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Zinc Analysis Run 10/22/2024 12:18 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

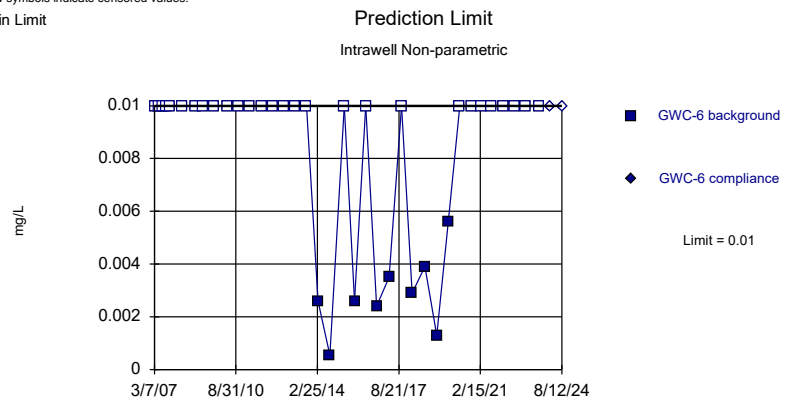
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 64.86% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Zinc Analysis Run 10/22/2024 12:18 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

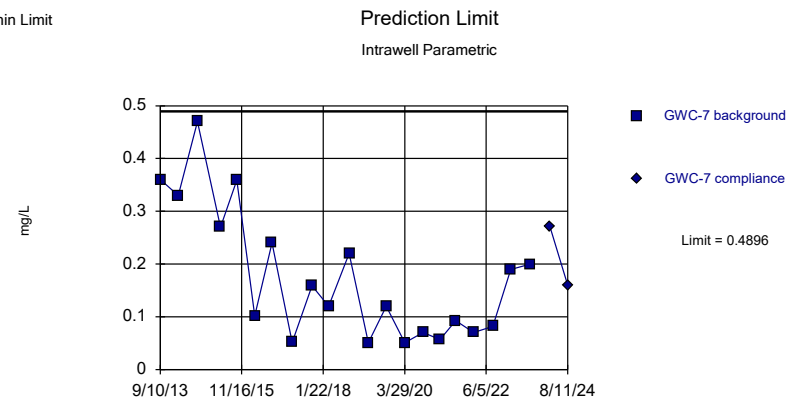
Within Limit



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: Zinc Analysis Run 10/22/2024 12:18 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit



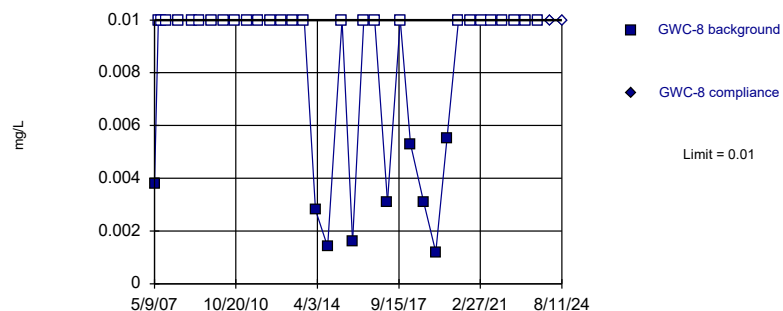
Background Data Summary: Mean=0.1745, Std. Dev.=0.1234, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8818, critical = 0.873. Kappa = 2.554 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

Constituent: Zinc Analysis Run 10/22/2024 12:18 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



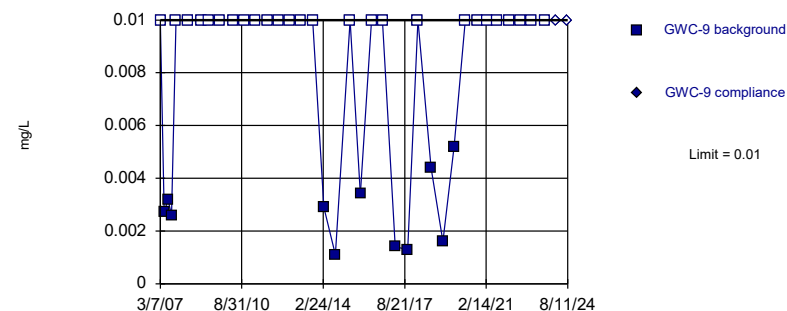
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 75% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Zinc Analysis Run 10/22/2024 12:18 PM View: Appendix I
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 37 background values. 70.27% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Zinc Analysis Run 10/22/2024 12:18 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/14/2023	0.0028 (J)	
2/19/2024		<0.003
8/11/2024		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/14/2023	<0.003	
2/19/2024		<0.003
8/11/2024		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/14/2023	<0.003	
2/19/2024		<0.003
8/10/2024		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/14/2023	<0.003	
2/19/2024		<0.003
8/11/2024		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/14/2023	<0.003	
2/19/2024		<0.003
8/11/2024		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/14/2023	<0.003	
2/19/2024		<0.003
8/11/2024		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I
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	
8/15/2023	0.0028 (J)	
2/20/2024		<0.003
8/12/2024		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/15/2023	<0.003	
2/20/2024		<0.003
8/12/2024		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-22	GWC-22
3/6/2007	<0.003	
5/9/2007	<0.003	
7/17/2007	<0.003	
8/29/2007	<0.003	
11/7/2007	<0.003	
5/7/2008	<0.003	
12/5/2008	<0.003	
4/14/2009	<0.003	
9/30/2009	<0.003	
4/13/2010	<0.003	
10/12/2010	<0.003	
4/6/2011	<0.003	
10/5/2011	<0.003	
4/9/2012	<0.003	
9/25/2012	<0.003	
3/13/2013	<0.003	
9/11/2013	<0.003	
3/11/2014	<0.003	
9/9/2014	<0.003	
4/23/2015	<0.003	
9/30/2015	<0.003	
3/23/2016	<0.003	
5/18/2016	<0.003	
7/7/2016	<0.003	
9/8/2016	<0.003	
10/19/2016	<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	
9/23/2020	<0.003	
3/9/2021	<0.003	
8/10/2021	<0.003	
2/7/2022	<0.003	
8/9/2022	<0.003	
1/31/2023	<0.003	
8/15/2023	<0.003	
2/20/2024		0.0007 (J)
8/11/2024		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/15/2023	<0.003	
2/20/2024		<0.003
8/12/2024		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/14/2023	<0.003	
2/21/2024		<0.003
8/12/2024		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I
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	
8/15/2023	<0.003	
2/21/2024		<0.003
8/11/2024		0.0019 (J)

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/15/2023	<0.003	
2/21/2024		<0.003
8/11/2024		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/15/2023	<0.003	
2/20/2024		<0.003
8/11/2024		<0.003

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I
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	
8/14/2023	<0.005	
2/19/2024		<0.005
8/11/2024		0.001 (J)

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/14/2023	<0.005	
2/19/2024		0.00093 (J)
8/11/2024		<0.005

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/14/2023	<0.005	
2/19/2024		0.0018 (J)
8/11/2024		<0.005

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/15/2023	<0.005	
2/20/2024		<0.005
8/12/2024		<0.005

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/15/2023	<0.005	
2/20/2024		<0.005
8/11/2024		<0.005

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/14/2023	<0.005	
2/20/2024		<0.005
8/12/2024		<0.005

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/15/2023	<0.005	
2/20/2024		<0.005
8/12/2024		<0.005

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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)	
8/15/2023	0.0077 (J)	
2/21/2024		0.0043 (J)
8/11/2024		0.0085

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/15/2023	<0.005	
2/21/2024		<0.005
8/11/2024		<0.005

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/15/2023	<0.005	
2/20/2024		<0.005
8/11/2024		<0.005

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/14/2023	0.039	
2/19/2024		0.04
8/11/2024		0.038

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/14/2023	0.028	
2/19/2024		0.031
8/11/2024		0.031

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I
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	
8/14/2023	0.19	
2/19/2024		0.19
8/10/2024		0.18

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I
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	
8/14/2023	0.087	
2/19/2024		0.083
8/11/2024		0.084

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/14/2023	0.045	
2/19/2024		0.051
8/11/2024		0.04

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/14/2023	0.12	
2/19/2024		0.14
8/11/2024		0.11

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/15/2023	0.077	
2/20/2024		0.083
8/12/2024		0.076

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/15/2023	0.15	
2/20/2024		0.15
8/12/2024		0.14

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/15/2023	0.16	
2/20/2024		0.15
8/11/2024		0.16

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/15/2023	0.058	
2/20/2024		0.052
8/11/2024		0.098

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I
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	
8/15/2023	0.092	
2/20/2024		0.091
8/11/2024		0.1

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/14/2023	0.071	
2/20/2024		0.096
8/12/2024		0.075

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I
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	
8/15/2023	0.072	
2/20/2024		0.07
8/12/2024		0.073

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I
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	
8/14/2023	0.15	
2/21/2024		0.15
8/12/2024		0.14

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I
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	
8/15/2023	0.041	
2/21/2024		0.035
8/11/2024		0.045

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I
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	
8/15/2023	0.12	
2/21/2024		0.11
8/11/2024		0.12

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/15/2023	0.064	
2/20/2024		0.073
8/11/2024		0.068

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/14/2023	<0.0005	
2/19/2024		<0.0005
8/11/2024		<0.0005

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/15/2023	<0.0005	
2/20/2024		<0.0005
8/12/2024		<0.0005

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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)	
8/15/2023	0.00027 (J)	
2/21/2024		0.00036 (J)
8/11/2024		0.00013 (J)

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/14/2023	<0.0005	
2/19/2024		<0.0005
8/11/2024		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/14/2023	<0.0005	
2/19/2024		<0.0005
8/11/2024		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/15/2023	<0.0005	
2/20/2024		<0.0005
8/12/2024		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/15/2023	<0.0005	
2/20/2024		<0.0005
8/11/2024		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/15/2023	<0.0005	
2/20/2024		<0.0005
8/11/2024		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/14/2023	<0.0005	
2/20/2024		<0.0005
8/12/2024		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/15/2023	<0.0005	
2/20/2024		<0.0005
8/12/2024		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/15/2023	<0.0005	
2/21/2024		<0.0005
8/11/2024		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/15/2023	<0.0005	
2/21/2024		<0.0005
8/11/2024		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/15/2023	<0.0005	
2/20/2024		<0.0005
8/11/2024		<0.0005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/14/2023	<0.005	
2/19/2024		<0.005
8/11/2024		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/14/2023	<0.005	
2/19/2024		<0.005
8/11/2024		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/14/2023	<0.005	
2/19/2024		<0.005
8/10/2024		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/14/2023	<0.005	
2/19/2024		<0.005
8/11/2024		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/14/2023	<0.005	
2/19/2024		<0.005
8/11/2024		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/14/2023	0.0015 (J)	
2/19/2024		<0.005
8/11/2024		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/15/2023	<0.005	
2/20/2024		<0.005
8/12/2024		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/15/2023	<0.005	
2/20/2024		<0.005
8/12/2024		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/15/2023	<0.005	
2/20/2024		<0.005
8/11/2024		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/15/2023	<0.005	
2/20/2024		<0.005
8/11/2024		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/15/2023	<0.005	
2/20/2024		<0.005
8/11/2024		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/14/2023	<0.005	
2/20/2024		<0.005
8/12/2024		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/15/2023	<0.005	
2/20/2024		<0.005
8/12/2024		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/14/2023	<0.005	
2/21/2024		<0.005
8/12/2024		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/15/2023	<0.005	
2/21/2024		<0.005
8/11/2024		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/15/2023	<0.005	
2/21/2024		<0.005
8/11/2024		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/15/2023	<0.005	
2/20/2024		<0.005
8/11/2024		<0.005

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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)	
8/14/2023	0.00043 (J)	
2/19/2024		0.0005 (J)
8/11/2024		0.00043 (J)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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)	
8/14/2023	0.00045 (J)	
2/19/2024		0.00063 (J)
8/11/2024		0.00056 (J)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I
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	
8/14/2023	<0.005	
2/19/2024		<0.005
8/10/2024		<0.005

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/14/2023	0.00095 (J)	
2/19/2024		0.00049 (J)
8/11/2024		0.00035 (J)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/14/2023	<0.005	
2/19/2024		<0.005
8/11/2024		<0.005

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/14/2023	<0.005	
2/19/2024		<0.005
8/11/2024		<0.005

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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)	
8/15/2023	0.0032 (J)	
2/20/2024		0.0029 (J)
8/11/2024		0.0022 (J)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/14/2023	<0.005	
2/20/2024		<0.005
8/12/2024		<0.005

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/15/2023	0.00046 (J)	
2/20/2024		0.00035 (J)
8/12/2024		0.00072 (J)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/14/2023	<0.005	
2/21/2024		<0.005
8/12/2024		<0.005

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/15/2023	0.021	
2/21/2024		0.03
8/11/2024		0.016

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I
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)	
8/15/2023	0.00077 (J)	
2/21/2024		0.00053 (J)
8/11/2024		0.00054 (J)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/15/2023	<0.005	
2/20/2024		0.00033 (J)
8/11/2024		0.00033 (J)

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I
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	
8/14/2023	<0.005	
2/19/2024		<0.005
8/11/2024		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I
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	
8/14/2023	<0.005	
2/19/2024		<0.005
8/10/2024		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I
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	
8/14/2023	<0.005	
2/19/2024		<0.005
8/11/2024		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I
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	
8/14/2023	<0.005	
2/19/2024		<0.005
8/11/2024		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I
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	
8/14/2023	<0.005	
2/19/2024		<0.005
8/11/2024		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I
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	
8/15/2023	<0.005	
2/20/2024		<0.005
8/12/2024		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I
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	
8/15/2023	<0.005	
2/20/2024		<0.005
8/12/2024		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I
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	
8/15/2023	<0.005	
2/20/2024		<0.005
8/11/2024		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I
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)	
8/15/2023	<0.005	
2/20/2024		0.00075 (J)
8/11/2024		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I
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	
8/15/2023	<0.005	
2/20/2024		<0.005
8/11/2024		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I
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	
8/14/2023	<0.005	
2/20/2024		<0.005
8/12/2024		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I
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	
8/15/2023	<0.005	
2/20/2024		<0.005
8/12/2024		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I
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	
8/14/2023	<0.005	
2/21/2024		<0.005
8/12/2024		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I
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	
8/15/2023	<0.005	
2/21/2024		<0.005
8/11/2024		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I
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	
8/15/2023	<0.005	
2/21/2024		<0.005
8/11/2024		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I
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	
8/15/2023	<0.005	
2/20/2024		<0.005
8/11/2024		<0.005

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I
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	
8/14/2023	<0.001	
2/19/2024		<0.001
8/11/2024		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/14/2023	<0.001	
2/19/2024		<0.001
8/11/2024		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I
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	
8/14/2023	<0.001	
2/19/2024		<0.001
8/11/2024		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I
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	
8/15/2023	<0.001	
2/20/2024		<0.001
8/12/2024		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I
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	
8/15/2023	<0.001	
2/20/2024		<0.001
8/12/2024		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/15/2023	<0.001	
2/20/2024		<0.001
8/11/2024		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I
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	
8/15/2023	<0.001	
2/20/2024		<0.001
8/11/2024		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/15/2023	<0.001	
2/20/2024		<0.001
8/11/2024		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I
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	
8/14/2023	<0.001	
2/20/2024		<0.001
8/12/2024		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/15/2023	<0.001	
2/20/2024		<0.001
8/12/2024		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I
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	
8/14/2023	<0.001	
2/21/2024		<0.001
8/12/2024		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I
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	
8/15/2023	<0.001	
2/21/2024		<0.001
8/11/2024		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/15/2023	<0.001	
2/21/2024		<0.001
8/11/2024		<0.001

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/14/2023	<0.005	
2/19/2024		<0.005
8/11/2024		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	0.002 (J)	
9/3/2014	0.002 (J)	
4/21/2015	0.002 (J)	
9/29/2015	0.0022 (J)	
3/22/2016	<0.005	
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)	
8/14/2023	0.0016 (J)	
2/19/2024		0.0022 (J)
8/11/2024		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I
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	
8/14/2023	<0.005	
2/19/2024		<0.005
8/10/2024		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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)	
8/14/2023	0.0021 (J)	
2/19/2024		<0.005
8/11/2024		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/14/2023	<0.005	
2/19/2024		<0.005
8/11/2024		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/14/2023	<0.005	
2/19/2024		<0.005
8/11/2024		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/15/2023	<0.005	
2/20/2024		<0.005
8/12/2024		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/15/2023	<0.005	
2/20/2024		<0.005
8/12/2024		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I
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	
8/15/2023	<0.005	
2/20/2024		<0.005
8/11/2024		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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)	
8/15/2023	0.0054	
2/20/2024		0.0053
8/11/2024		0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I
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	
8/15/2023	<0.005	
2/20/2024		<0.005
8/11/2024		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/14/2023	<0.005	
2/20/2024		<0.005
8/12/2024		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/15/2023	<0.005	
2/20/2024		<0.005
8/12/2024		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/14/2023	<0.005	
2/21/2024		<0.005
8/12/2024		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I
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	
8/15/2023	0.095	
2/21/2024		0.13
8/11/2024		0.095

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/15/2023	<0.005	
2/21/2024		<0.005
8/11/2024		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	0.003	
3/5/2014	0.0022 (J)	
9/3/2014	<0.005	
4/21/2015	0.0019 (J)	
9/29/2015	0.0019 (J)	
3/23/2016	<0.005	
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)	
8/15/2023	0.0017 (J)	
2/20/2024		<0.005
8/11/2024		<0.005

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I
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	
8/14/2023	<0.005	
2/19/2024		<0.005
8/11/2024		<0.005

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/14/2023	<0.005	
2/19/2024		<0.005
8/11/2024		<0.005

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I
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	
8/15/2023	<0.005	
2/20/2024		<0.005
8/11/2024		<0.005

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/15/2023	<0.005	
2/20/2024		<0.005
8/11/2024		<0.005

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/15/2023	<0.005	
2/20/2024		<0.005
8/11/2024		<0.005

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I
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	
8/15/2023	<0.005	
2/20/2024		<0.005
8/11/2024		<0.005

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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)	
8/14/2023	<0.001	
2/19/2024		<0.001
8/11/2024		<0.001

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I
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	
8/15/2023	<0.001	
2/21/2024		<0.001
8/11/2024		<0.001

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I
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)	
8/14/2023	<0.01	
2/19/2024		<0.01
8/11/2024		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I

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	
8/14/2023	<0.01	
2/19/2024		0.0012 (J)
8/11/2024		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I
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	
8/15/2023	<0.01	
2/20/2024		<0.01
8/11/2024		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I
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	
8/14/2023	<0.01	
2/20/2024		<0.01
8/12/2024		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I
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	
8/15/2023	<0.01	
2/20/2024		<0.01
8/12/2024		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I
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	
8/15/2023	<0.01	
2/21/2024		<0.01
8/11/2024		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I
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	
8/15/2023	<0.01	
2/20/2024		<0.01
8/11/2024		<0.01

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I
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	
8/14/2023	<0.01	
2/19/2024		<0.01
8/11/2024		<0.01

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I
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	
8/14/2023	<0.01	
2/19/2024		<0.01
8/11/2024		<0.01

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I
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	
8/14/2023	<0.01	
2/19/2024		<0.01
8/10/2024		<0.01

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 10/22/2024 12:19 PM View: Appendix I
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	
8/14/2023	<0.01	
2/19/2024		0.0025 (J)
8/11/2024		0.0026 (J)

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 10/22/2024 12:20 PM View: Appendix I
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	
8/14/2023	<0.01	
2/19/2024		<0.01
8/11/2024		<0.01

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 10/22/2024 12:20 PM View: Appendix I

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	
8/14/2023	<0.01	
2/19/2024		<0.01
8/11/2024		<0.01

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 10/22/2024 12:20 PM View: Appendix I

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	
8/15/2023	<0.01	
2/20/2024		<0.01
8/12/2024		<0.01

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 10/22/2024 12:20 PM View: Appendix I

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	
8/15/2023	<0.01	
2/20/2024		<0.01
8/12/2024		<0.01

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 10/22/2024 12:20 PM View: Appendix I
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	
8/15/2023	<0.01	
2/20/2024		<0.01
8/11/2024		<0.01

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 10/22/2024 12:20 PM View: Appendix I
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	
8/15/2023	<0.01	
2/20/2024		0.0068 (J)
8/11/2024		0.0048 (J)

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 10/22/2024 12:20 PM View: Appendix I

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	
8/15/2023	<0.01	
2/20/2024		<0.01
8/11/2024		<0.01

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 10/22/2024 12:20 PM View: Appendix I

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	
8/14/2023	<0.01	
2/20/2024		<0.01
8/12/2024		<0.01

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 10/22/2024 12:20 PM View: Appendix I

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	
8/15/2023	<0.01	
2/20/2024		<0.01
8/12/2024		<0.01

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 10/22/2024 12:20 PM View: Appendix I
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	
8/14/2023	<0.01	
2/21/2024		<0.01
8/12/2024		<0.01

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 10/22/2024 12:20 PM View: Appendix I

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	
8/15/2023	0.2	
2/21/2024		0.27
8/11/2024		0.16

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 10/22/2024 12:20 PM View: Appendix I

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	
8/15/2023	<0.01	
2/21/2024		<0.01
8/11/2024		<0.01

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 10/22/2024 12:20 PM View: Appendix I
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	
8/15/2023	<0.01	
2/20/2024		<0.01
8/11/2024		<0.01

FIGURE E.

Appendix I Interwell Prediction Limits - Two-Step - All Results (No Significant)

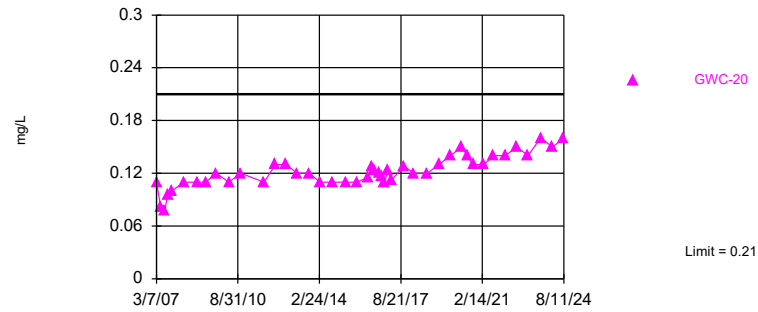
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 10/22/2024, 11:46 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBq Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Barium (mg/L)	GWC-20	0.21	n/a	8/11/2024	0.16	No	220	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 220 background values. Annual per-constituent alpha = 0.001178. Individual comparison alpha = 0.00004912 (1 of 2). Assumes 11 future values.

Constituent: Barium Analysis Run 10/22/2024 11:45 AM View: Appendix I - Two-Step

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 10/22/2024 11:46 AM View: Appendix I - Two-Step

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWC-20	GWA-11 (bg)
3/6/2007	0.032	0.12	0.17	0.13		
3/7/2007					0.11	0.03
5/8/2007	0.04	0.11	0.21	0.12		0.032
5/9/2007					0.082	
7/7/2007	0.041	0.11				
7/17/2007			0.21	0.12	0.078	0.028
8/28/2007	0.044	0.13	0.2	0.13		0.03
8/29/2007					0.096	
11/6/2007	0.044	0.12	0.19	0.12		
11/7/2007					0.1	0.032
5/7/2008					0.11	
5/8/2008			0.2	0.13		
5/9/2008	0.03	0.12				0.032
12/2/2008						0.036
12/3/2008	0.047	0.12	0.18	0.14		
12/5/2008					0.11	
4/7/2009	0.032	0.13	0.2	0.097		
4/8/2009						0.04
4/14/2009					0.11	
9/30/2009					0.12	
10/1/2009	0.043	0.14				0.039
10/2/2009			0.2	0.11		
4/13/2010		0.15			0.11	
4/14/2010	0.032		0.2	0.059		0.041
10/7/2010		0.16				
10/12/2010					0.12	
10/13/2010	0.046					0.039
10/14/2010			0.18	0.053		
4/5/2011			0.16	0.042		
4/6/2011	0.034	0.14				0.034
10/4/2011						0.032
10/6/2011		0.16				
10/10/2011	0.038					
10/12/2011			0.15	0.048	0.11	
4/3/2012	0.0363	0.165				
4/4/2012			0.165	0.044		
4/9/2012					0.13	
4/10/2012						0.0425
9/19/2012		0.16				
9/24/2012	0.041			0.048		
9/25/2012					0.13	
9/26/2012			0.17			0.035
3/12/2013	0.041	0.16	0.17	0.043		0.035
3/13/2013					0.12	
9/9/2013		0.17				
9/10/2013			0.18	0.042		0.035
9/11/2013	0.048				0.12	
3/4/2014	0.036	0.16				0.031
3/10/2014					0.11	
3/11/2014			0.17	0.04		
9/3/2014	0.04	0.17				0.033
9/8/2014			0.16	0.042		

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 10/22/2024 11:46 AM View: Appendix I - Two-Step
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWC-20	GWA-11 (bg)
9/9/2014					0.11	
4/21/2015	0.033		0.16	0.05		0.03
4/22/2015		0.17				
4/23/2015					0.11	
9/29/2015			0.14	0.044		0.031
9/30/2015	0.042	0.15			0.11	
3/22/2016	0.0326	0.197	0.188	0.0397		0.0327
3/23/2016					0.115	
5/17/2016	0.0387	0.178	0.193	0.0351		0.0323
5/18/2016					0.128	
7/5/2016	0.0403	0.182	0.172			
7/6/2016				0.0475		0.0344
7/7/2016					0.124	
9/7/2016	0.0413	0.172	0.164	0.0415		0.0324
9/8/2016					0.121	
10/18/2016	0.0409	0.174	0.138	0.0424		0.0311
10/19/2016					0.117	
12/6/2016	0.0408		0.149	0.0528		0.0311
12/7/2016		0.167			0.11	
1/31/2017	0.0435	0.176				
2/1/2017			0.121	0.0482		0.0332
2/3/2017					0.123	
3/23/2017	0.038	0.157	0.143			
3/24/2017				0.0595		0.032
3/27/2017					0.112	
10/4/2017	0.0396	0.143	0.139	0.0486		
10/5/2017					0.128	0.0325
3/14/2018	0.039	0.17				
3/15/2018			0.17	0.04		0.031
3/16/2018					0.12	
10/4/2018	0.039	0.18	0.16	0.05		0.033
10/5/2018					0.12	
4/5/2019			0.13			
4/8/2019	0.031	0.15		0.047		0.031
4/9/2019					0.13	
9/30/2019	0.042	0.17	0.14	0.051		0.03
10/1/2019					0.14	
3/26/2020	0.032	0.16	0.14	0.049		0.031
3/31/2020					0.15	
6/19/2020					0.14 (R)	
9/21/2020		0.18				
9/22/2020						0.031
9/23/2020	0.041		0.14	0.043	0.13	
3/8/2021	0.035		0.12	0.052		0.031
3/9/2021		0.17				
3/10/2021					0.13	
8/9/2021	0.046	0.19	0.12	0.034		
8/10/2021					0.14	0.03
2/4/2022	0.038	0.18	0.081	0.037		0.031
2/7/2022					0.14	
8/8/2022	0.04	0.18	0.1	0.04		0.029
8/9/2022					0.15	

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 10/22/2024 11:46 AM View: Appendix I - Two-Step
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWC-20	GWA-11 (bg)
1/30/2023	0.037	0.2	0.07	0.037		0.03
1/31/2023					0.14	
8/14/2023	0.039	0.19	0.087	0.045		0.028
8/15/2023					0.16	
2/19/2024	0.04	0.19	0.083	0.051		0.031
2/20/2024					0.15	
8/10/2024		0.18				
8/11/2024	0.038		0.084	0.04	0.16	0.031

FIGURE F.

Appendix I Trend Tests - Significant Results

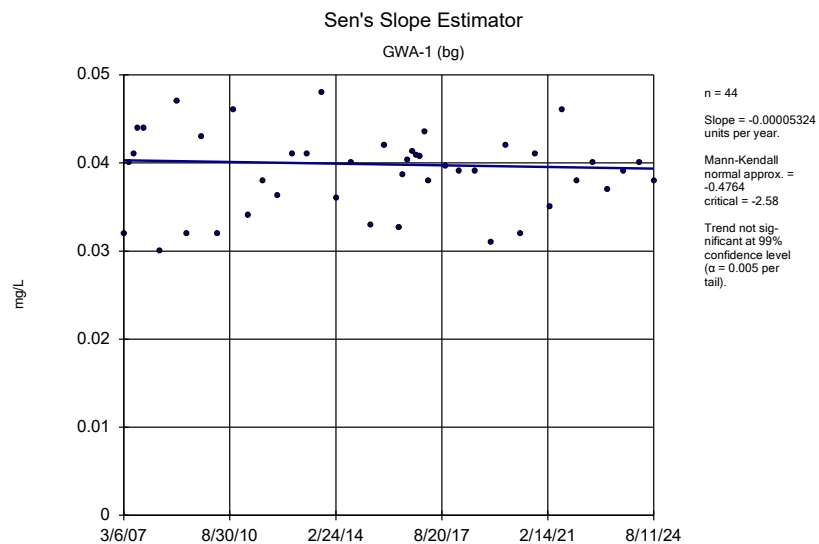
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 10/22/2024, 11:56 AM

<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Normality</u>	<u>Alpha</u>	<u>Method</u>
Barium (mg/L)	GWA-11 (bg)	-0.0002499	-3.307	-2.58	Yes	44	0	n/a	0.01	NP
Barium (mg/L)	GWA-2 (bg)	0.003585	6.016	2.58	Yes	44	0	n/a	0.01	NP
Barium (mg/L)	GWA-3 (bg)	-0.00631	-6.654	-2.58	Yes	44	0	n/a	0.01	NP
Barium (mg/L)	GWA-4 (bg)	-0.001768	-3.869	-2.58	Yes	44	0	n/a	0.01	NP
Barium (mg/L)	GWC-20	0.002863	6.347	2.58	Yes	44	0	n/a	0.01	NP

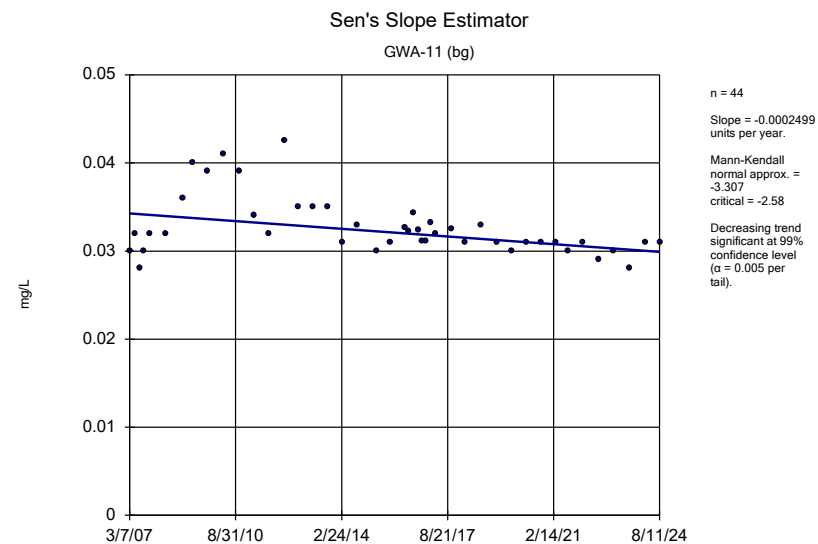
Appendix I Trend Tests - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 10/22/2024, 11:56 AM

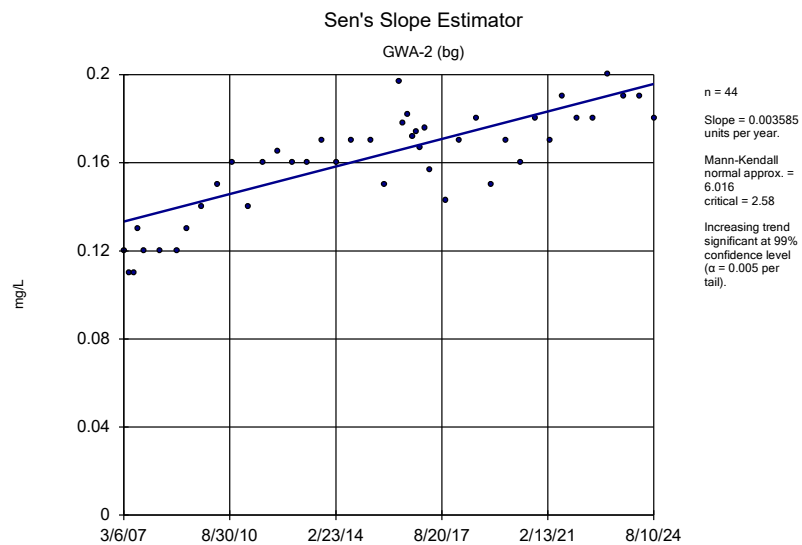
<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Normality</u>	<u>Alpha</u>	<u>Method</u>
Barium (mg/L)	GWA-1 (bg)	-0.00005324	-0.4764	-2.58	No	44	0	n/a	0.01	NP
Barium (mg/L)	GWA-11 (bg)	-0.0002499	-3.307	-2.58	Yes	44	0	n/a	0.01	NP
Barium (mg/L)	GWA-2 (bg)	0.003585	6.016	2.58	Yes	44	0	n/a	0.01	NP
Barium (mg/L)	GWA-3 (bg)	-0.00631	-6.654	-2.58	Yes	44	0	n/a	0.01	NP
Barium (mg/L)	GWA-4 (bg)	-0.001768	-3.869	-2.58	Yes	44	0	n/a	0.01	NP
Barium (mg/L)	GWC-20	0.002863	6.347	2.58	Yes	44	0	n/a	0.01	NP



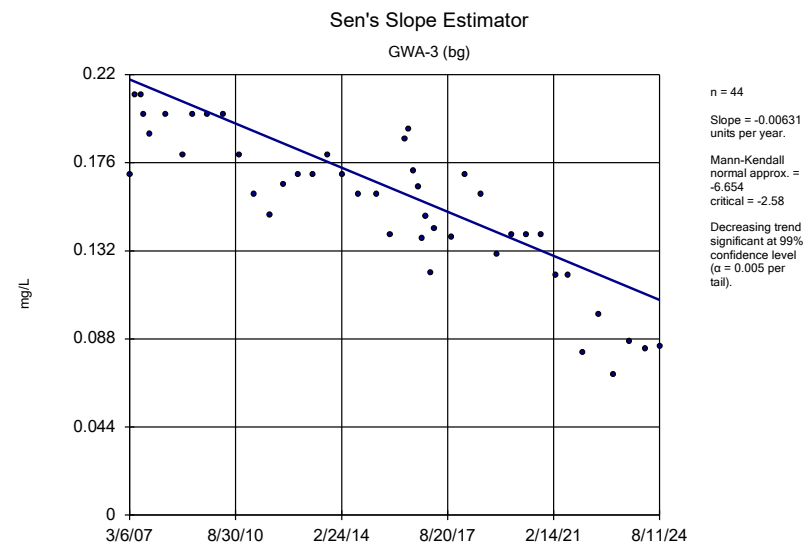
Constituent: Barium Analysis Run 10/22/2024 11:49 AM View: Appendix I - Trend Tests
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill



Constituent: Barium Analysis Run 10/22/2024 11:49 AM View: Appendix I - Trend Tests
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill



Constituent: Barium Analysis Run 10/22/2024 11:49 AM View: Appendix I - Trend Tests
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill



Constituent: Barium Analysis Run 10/22/2024 11:49 AM View: Appendix I - Trend Tests
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sen's Slope Estimator

GWA-4 (bg)

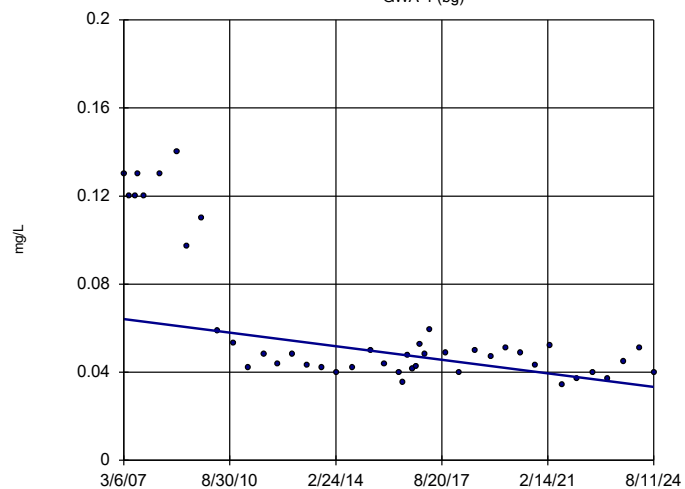


FIGURE G.

Appendix III Intrawell Prediction Limits - Significant Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 10/22/2024, 12:38 PM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bq</u>	<u>NBq</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>%NDs</u>	<u>ND Adj.</u>	<u>TransformAlpha</u>	<u>Method</u>
Boron (mg/L)	GWA-11	0.04261	n/a	8/11/2024	0.045	Yes	21	0.03647	0.002646	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-5	0.08069	n/a	8/12/2024	0.09	Yes	21	0.05775	0.009887	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-6	0.04623	n/a	8/12/2024	0.053	Yes	22	0.03968	0.002845	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWA-2	57.38	n/a	8/10/2024	59.2	Yes	21	44.83	5.409	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-21	4.703	n/a	8/11/2024	10	Yes	22	2.662	0.886	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWA-2	25.18	n/a	8/10/2024	33.1	Yes	21	16.94	3.554	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-19	22.7	n/a	8/12/2024	24	Yes	21	17.2	2.369	0	None	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-1	154.3	n/a	8/11/2024	162	Yes	21	102.2	22.45	0	None	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-2	280.3	n/a	8/10/2024	287	Yes	21	228	22.53	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 10/22/2024, 12:38 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Boron (mg/L)	GWA-1	0.049	n/a	8/11/2024	0.02ND	No	21	n/a	n/a	9.524	n/a	n/a	n/a	NP Intra (normality) 1 of 2
Boron (mg/L)	GWA-11	0.04261	n/a	8/11/2024	0.045	Yes	21	0.03647	0.002646	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWA-2	0.1018	n/a	8/10/2024	0.072	No	21	0.08654	0.006575	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWA-3	0.1929	n/a	8/11/2024	0.13	No	21	0.1429	0.02156	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWA-4	0.1334	n/a	8/11/2024	0.074	No	21	0.08657	0.02019	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-10	0.04275	n/a	8/11/2024	0.032J	No	21	0.03408	0.003737	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-18	0.1499	n/a	8/12/2024	0.14	No	21	0.129	0.008992	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-19	0.2087	n/a	8/12/2024	0.16	No	21	0.1683	0.01739	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-20	0.02547	n/a	8/11/2024	0.018J	No	21	0.01778	0.003312	4.762	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-21	0.1187	n/a	8/11/2024	0.038J	No	21	-3.445	0.5661	0	None	ln(x)	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-22	0.08042	n/a	8/11/2024	0.067	No	21	0.06582	0.006291	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-23	0.0808	n/a	8/12/2024	0.028J	No	20	0.1811	0.04411	5	None	sqrt(x)	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-5	0.08069	n/a	8/12/2024	0.09	Yes	21	0.05775	0.009887	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-6	0.04623	n/a	8/12/2024	0.053	Yes	22	0.03968	0.002845	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-7	0.07524	n/a	8/11/2024	0.035J	No	21	0.05036	0.01072	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-8	0.1025	n/a	8/11/2024	0.035J	No	22	-3.31	0.448	0	None	ln(x)	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-9	0.02283	n/a	8/11/2024	0.017J	No	21	0.01624	0.002837	4.762	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWA-1	20.58	n/a	8/11/2024	19.3	No	21	16.38	1.811	4.762	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWA-11	25.23	n/a	8/11/2024	20.8	No	21	423.9	91.74	4.762	None	x^2	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWA-2	57.38	n/a	8/10/2024	59.2	Yes	21	44.83	5.409	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWA-3	93.72	n/a	8/11/2024	69.4	No	21	72.29	9.235	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWA-4	118.7	n/a	8/11/2024	83	No	21	84.71	14.64	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-10	59.58	n/a	8/11/2024	39.8	No	23	41.64	7.848	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-18	52.22	n/a	8/12/2024	43.3	No	22	6.454	0.3355	0	None	sqrt(x)	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-19	51.58	n/a	8/12/2024	48.1	No	22	44.83	2.934	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-20	71.97	n/a	8/11/2024	67.3	No	22	56.93	6.529	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-21	89.64	n/a	8/11/2024	40.9	No	23	45.38	19.37	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-22	53.53	n/a	8/11/2024	51.8	No	21	48.05	2.361	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-23	62.14	n/a	8/12/2024	47.3	No	21	6.401	0.6386	0	None	sqrt(x)	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-5	89.77	n/a	8/12/2024	80.8	No	21	75.57	6.12	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-6	76.07	n/a	8/12/2024	70.8	No	21	64.92	4.805	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-7	74.97	n/a	8/11/2024	19.7	No	21	38.43	15.75	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-8	106.5	n/a	8/11/2024	77.3	No	23	70.66	15.67	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-9	40.48	n/a	8/11/2024	40.1	No	21	35.82	2.008	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWA-1	1.6	n/a	8/11/2024	1.1	No	21	n/a	n/a	0	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWA-11	1.98	n/a	8/11/2024	1.3	No	21	1.381	0.2581	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWA-2	2.951	n/a	8/10/2024	2.6	No	21	2.352	0.2582	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWA-3	5.761	n/a	8/11/2024	1.5	No	21	3.197	1.105	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWA-4	10.08	n/a	8/11/2024	3.6	No	21	5.299	2.059	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-10	2.156	n/a	8/11/2024	0.95J	No	23	1.462	0.3036	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-18	1.857	n/a	8/12/2024	1.1	No	21	1.213	0.2777	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-19	2.569	n/a	8/12/2024	1.3	No	21	1.666	0.3892	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-20	2.32	n/a	8/11/2024	1.1	No	22	1.487	0.3614	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-21	4.703	n/a	8/11/2024	10	Yes	22	2.662	0.886	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-22	2.07	n/a	8/11/2024	1	No	21	1.341	0.3139	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-23	2.227	n/a	8/12/2024	1.2	No	21	1.302	0.3984	4.762	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-5	4.049	n/a	8/12/2024	2.3	No	21	2.689	0.586	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-6	2.373	n/a	8/12/2024	1.8	No	21	1.83	0.234	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-7	2.224	n/a	8/11/2024	2	No	21	1.634	0.2545	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-8	3.316	n/a	8/11/2024	1.7	No	23	2.05	0.554	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-9	1.693	n/a	8/11/2024	0.75J	No	21	1.04	0.2817	0	None	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWA-1	0.1782	n/a	8/11/2024	0.12	No	21	0.1001	0.03365	4.762	None	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWA-11	0.1491	n/a	8/11/2024	0.1	No	21	0.0736	0.03255	14.29	None	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWA-2	0.2206	n/a	8/10/2024	0.071J	No	21	0.1177	0.04434	4.762	None	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWA-3	0.4711	n/a	8/11/2024	0.15	No	21	0.4185	0.1155	4.762	None	sqrt(x)	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWA-4	0.4646	n/a	8/11/2024	0.14	No	21	-1.817	0.4525	0	None	ln(x)	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-10	0.1772	n/a	8/11/2024	0.067J	No	21	0.1006	0.033	9.524	None	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-18	0.2074	n/a	8/12/2024	0.15	No	21	0.1351	0.03117	4.762	None	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-19	0.2456	n/a	8/12/2024	0.14	No	21	0.3685	0.05476	4.762	None	sqrt(x)	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-20	0.1789	n/a	8/11/2024	0.054J	No	21	0.2855	0.05927	4.762	None	sqrt(x)	0.0006269	Param Intra 1 of 2

Appendix III Intrawell Prediction Limits - All Results

Page 2

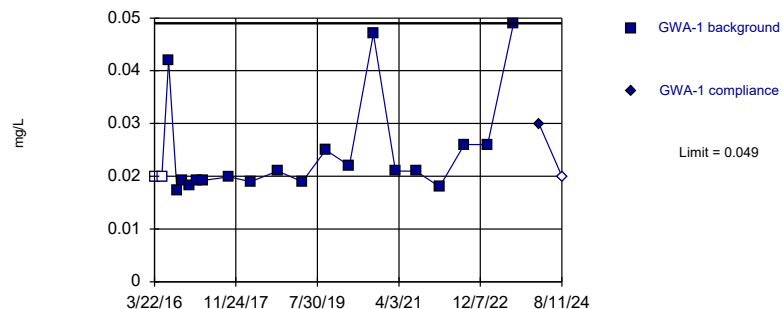
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 10/22/2024, 12:38 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bq	NBq	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Fluoride (mg/L)	GWC-21	0.1935	n/a	8/11/2024	0.1ND	No	21	0.08248	0.04786	28.57	Kaplan-Meier	No	0.0006269	Param	Intra 1 of 2
Fluoride (mg/L)	GWC-22	0.1451	n/a	8/11/2024	0.061J	No	21	0.08521	0.02581	4.762	None	No	0.0006269	Param	Intra 1 of 2
Fluoride (mg/L)	GWC-23	0.172	n/a	8/12/2024	0.12	No	21	0.1019	0.03019	4.762	None	No	0.0006269	Param	Intra 1 of 2
Fluoride (mg/L)	GWC-5	0.33	n/a	8/12/2024	0.088J	No	21	n/a	n/a	19.05	n/a	n/a	0.003999	NP Intra (normality)	1 of 2
Fluoride (mg/L)	GWC-6	0.2679	n/a	8/12/2024	0.095J	No	21	0.3012	0.09327	9.524	None	sqrt(x)	0.0006269	Param	Intra 1 of 2
Fluoride (mg/L)	GWC-7	0.475	n/a	8/11/2024	0.18	No	21	0.5972	0.07889	0	None	x^(1/3)	0.0006269	Param	Intra 1 of 2
Fluoride (mg/L)	GWC-8	0.4	n/a	8/11/2024	0.11	No	22	n/a	n/a	0	n/a	n/a	0.003707	NP Intra (normality)	1 of 2
Fluoride (mg/L)	GWC-9	0.1618	n/a	8/11/2024	0.071J	No	21	0.09042	0.03075	4.762	None	No	0.0006269	Param	Intra 1 of 2
pH (SU)	GWA-1	7.449	6.569	8/11/2024	7.27	No	21	7.009	0.1898	0	None	No	0.0003135	Param	Intra 1 of 2
pH (SU)	GWA-11	7.117	6.379	8/11/2024	7.01	No	21	6.748	0.1589	0	None	No	0.0003135	Param	Intra 1 of 2
pH (SU)	GWA-2	7.225	6.588	8/10/2024	6.76	No	21	6.907	0.1371	0	None	No	0.0003135	Param	Intra 1 of 2
pH (SU)	GWA-3	7.158	6.347	8/11/2024	6.83	No	21	6.752	0.1747	0	None	No	0.0003135	Param	Intra 1 of 2
pH (SU)	GWA-4	7.177	6.392	8/11/2024	6.77	No	21	6.785	0.1691	0	None	No	0.0003135	Param	Intra 1 of 2
pH (SU)	GWC-10	7.753	6.869	8/11/2024	7.48	No	22	7.311	0.1919	0	None	No	0.0003135	Param	Intra 1 of 2
pH (SU)	GWC-18	7.787	7.387	8/12/2024	7.75	No	21	7.587	0.08609	0	None	No	0.0003135	Param	Intra 1 of 2
pH (SU)	GWC-19	7.784	7.222	8/12/2024	7.61	No	23	7.503	0.1232	0	None	No	0.0003135	Param	Intra 1 of 2
pH (SU)	GWC-20	7.652	6.988	8/11/2024	7.31	No	24	7.32	0.1465	0	None	No	0.0003135	Param	Intra 1 of 2
pH (SU)	GWC-21	7.562	5.592	8/11/2024	6.22	No	21	6.577	0.4244	0	None	No	0.0003135	Param	Intra 1 of 2
pH (SU)	GWC-22	7.95	7.326	8/11/2024	7.37	No	22	7.638	0.1354	0	None	No	0.0003135	Param	Intra 1 of 2
pH (SU)	GWC-23	7.465	6.714	8/12/2024	7.31	No	21	7.09	0.1617	0	None	No	0.0003135	Param	Intra 1 of 2
pH (SU)	GWC-5	7.18	6.505	8/12/2024	7.11	No	21	6.842	0.1455	0	None	No	0.0003135	Param	Intra 1 of 2
pH (SU)	GWC-6	7.494	6.63	8/12/2024	7.36	No	23	7.062	0.1892	0	None	No	0.0003135	Param	Intra 1 of 2
pH (SU)	GWC-7	6.789	5.545	8/11/2024	5.93	No	22	6.167	0.2702	0	None	No	0.0003135	Param	Intra 1 of 2
pH (SU)	GWC-8	7.72	6.63	8/11/2024	7.42	No	24	7.175	0.2405	0	None	No	0.0003135	Param	Intra 1 of 2
pH (SU)	GWC-9	7.333	6.367	8/11/2024	7.05	No	21	6.85	0.2081	0	None	No	0.0003135	Param	Intra 1 of 2
Sulfate (mg/L)	GWA-1	6.11	n/a	8/11/2024	3.9	No	21	2.167	0.1313	0	None	sqrt(x)	0.0006269	Param	Intra 1 of 2
Sulfate (mg/L)	GWA-11	15.24	n/a	8/11/2024	9.3	No	21	11.71	1.52	0	None	No	0.0006269	Param	Intra 1 of 2
Sulfate (mg/L)	GWA-2	25.18	n/a	8/10/2024	33.1	Yes	21	16.94	3.554	0	None	No	0.0006269	Param	Intra 1 of 2
Sulfate (mg/L)	GWA-3	159.8	n/a	8/11/2024	87.2	No	19	104.7	23.29	0	None	No	0.0006269	Param	Intra 1 of 2
Sulfate (mg/L)	GWA-4	300.2	n/a	8/11/2024	116	No	21	170.4	55.94	0	None	No	0.0006269	Param	Intra 1 of 2
Sulfate (mg/L)	GWC-10	33.9	n/a	8/11/2024	8.5	No	22	n/a	n/a	0	n/a	n/a	0.003707	NP Intra (normality)	1 of 2
Sulfate (mg/L)	GWC-18	14.04	n/a	8/12/2024	8.1	No	21	10.1	1.696	0	None	No	0.0006269	Param	Intra 1 of 2
Sulfate (mg/L)	GWC-19	22.7	n/a	8/12/2024	24	Yes	21	17.2	2.369	0	None	No	0.0006269	Param	Intra 1 of 2
Sulfate (mg/L)	GWC-20	84.02	n/a	8/11/2024	74	No	13	57.53	10.08	0	None	No	0.0006269	Param	Intra 1 of 2
Sulfate (mg/L)	GWC-21	52.37	n/a	8/11/2024	28.4	No	21	29.09	10.03	0	None	No	0.0006269	Param	Intra 1 of 2
Sulfate (mg/L)	GWC-22	12.64	n/a	8/11/2024	5.7	No	21	7.557	2.191	0	None	No	0.0006269	Param	Intra 1 of 2
Sulfate (mg/L)	GWC-23	19.5	n/a	8/12/2024	6	No	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality)	1 of 2
Sulfate (mg/L)	GWC-5	101.9	n/a	8/12/2024	77.2	No	19	79.18	9.587	0	None	No	0.0006269	Param	Intra 1 of 2
Sulfate (mg/L)	GWC-6	141.3	n/a	8/12/2024	87.7	No	25	105.9	15.76	0	None	No	0.0006269	Param	Intra 1 of 2
Sulfate (mg/L)	GWC-7	170.3	n/a	8/11/2024	123	No	21	108.8	26.51	0	None	No	0.0006269	Param	Intra 1 of 2
Sulfate (mg/L)	GWC-8	58.8	n/a	8/11/2024	47.1	No	21	38.82	8.608	0	None	No	0.0006269	Param	Intra 1 of 2
Sulfate (mg/L)	GWC-9	84.13	n/a	8/11/2024	80.4	No	22	69.25	6.462	0	None	No	0.0006269	Param	Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-1	154.3	n/a	8/11/2024	162	Yes	21	102.2	22.45	0	None	No	0.0006269	Param	Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-11	171.6	n/a	8/11/2024	145	No	21	121.3	21.65	0	None	No	0.0006269	Param	Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-2	280.3	n/a	8/10/2024	287	Yes	21	228	22.53	0	None	No	0.0006269	Param	Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-3	550.3	n/a	8/11/2024	419	No	19	428.5	51.45	0	None	No	0.0006269	Param	Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-4	576.4	n/a	8/11/2024	456	No	16	451.9	50.69	0	None	No	0.0006269	Param	Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-10	259.7	n/a	8/11/2024	170	No	21	180.3	34.23	0	None	No	0.0006269	Param	Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-18	266.4	n/a	8/12/2024	242	No	20	206	25.84	0	None	No	0.0006269	Param	Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-19	274.7	n/a	8/12/2024	236	No	20	232.8	17.94	0	None	No	0.0006269	Param	Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-20	332.9	n/a	8/11/2024	312	No	21	248	36.6	0	None	No	0.0006269	Param	Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-21	374.9	n/a	8/11/2024	181	No	23	187.7	81.93	0	None	No	0.0006269	Param	Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-22	324	n/a	8/11/2024	219	No	21	n/a	n/a	0	n/a	n/a	0.003999	NP Intra (normality)	1 of 2
Total Dissolved Solids (mg/L)	GWC-23	285	n/a	8/12/2024	189	No	21	197.3	37.79	0	None	No	0.0006269	Param	Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-5	511	n/a	8/12/2024	401	No	21	n/a	n/a	0	n/a	n/a	0.003999	NP Intra (normality)	1 of 2
Total Dissolved Solids (mg/L)	GWC-6	415.1	n/a	8/12/2024	376	No	23	333.8	35.57	0	None	No	0.0006269	Param	Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-7	351	n/a	8/11/2024	293	No	21	264.4	37.35	0	None	No	0.0006269	Param	Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-8	431.9	n/a	8/11/2024	327	No	23	288.6	62.72	0	None	No	0.0006269	Param	Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-9	299.6	n/a	8/11/2024	256	No	21	226.3	31.57	0	None	No	0.0006269	Param	Intra 1 of 2

Within Limit

Prediction Limit

Intrawell Non-parametric



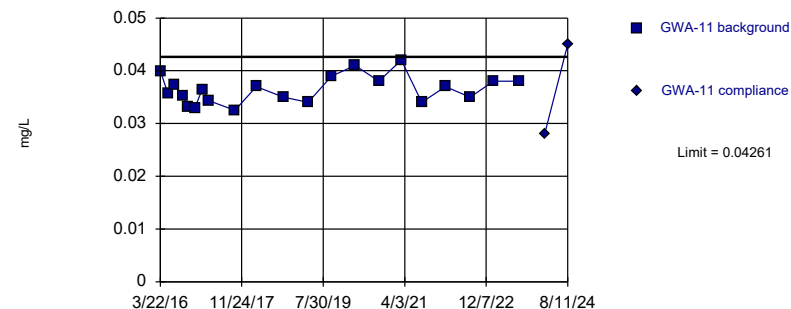
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. 9.524% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Boron Analysis Run 10/22/2024 12:34 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Exceeds Limit

Prediction Limit

Intrawell Parametric



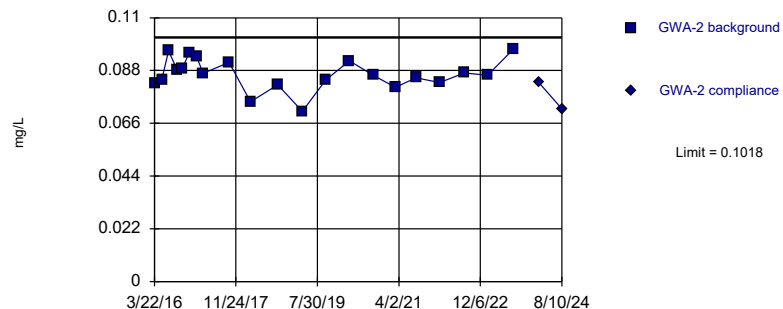
Background Data Summary: Mean=0.03647, Std. Dev.=0.002646, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9648, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Boron Analysis Run 10/22/2024 12:34 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



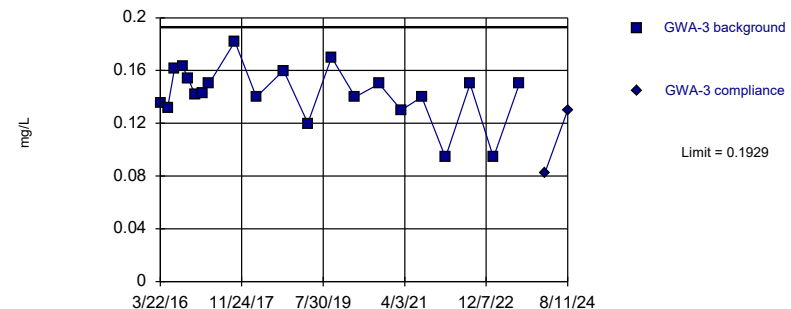
Background Data Summary: Mean=0.08654, Std. Dev.=0.006575, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9604, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Boron Analysis Run 10/22/2024 12:34 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



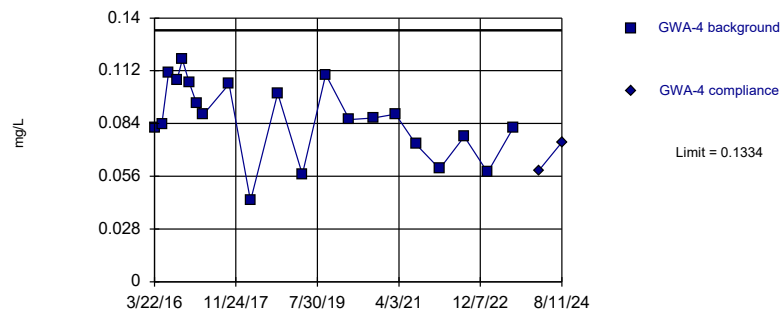
Background Data Summary: Mean=0.1429, Std. Dev.=0.02156, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9282, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Boron Analysis Run 10/22/2024 12:34 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



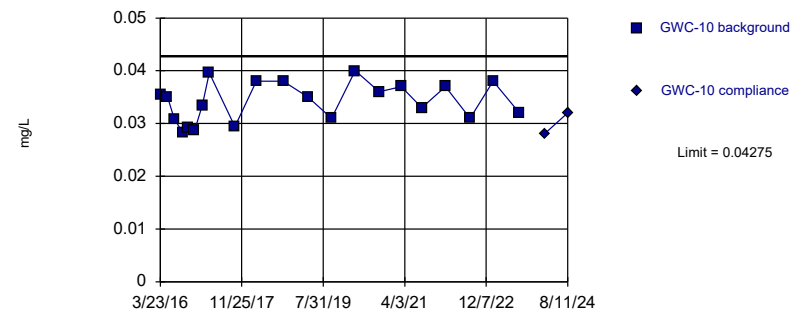
Background Data Summary: Mean=0.08657, Std. Dev.=0.02019, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9592, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Boron Analysis Run 10/22/2024 12:34 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



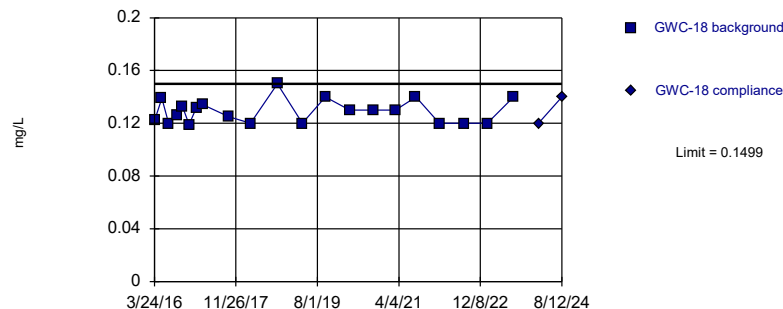
Background Data Summary: Mean=0.03408, Std. Dev.=0.003737, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9429, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

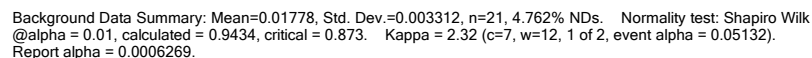
Constituent: Boron Analysis Run 10/22/2024 12:34 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

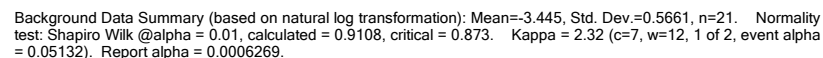
Prediction Limit

Intrawell Parametric

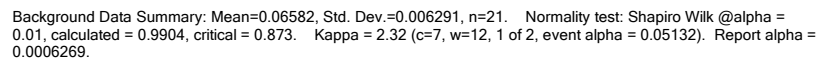




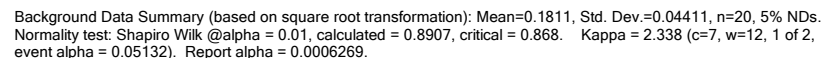
Constituent: Boron Analysis Run 10/22/2024 12:34 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill



Constituent: Boron Analysis Run 10/22/2024 12:34 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill



Constituent: Boron Analysis Run 10/22/2024 12:34 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

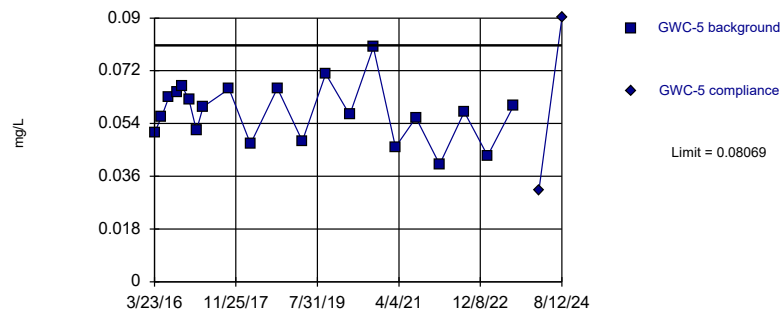


Constituent: Boron Analysis Run 10/22/2024 12:34 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Exceeds Limit

Prediction Limit

Intrawell Parametric



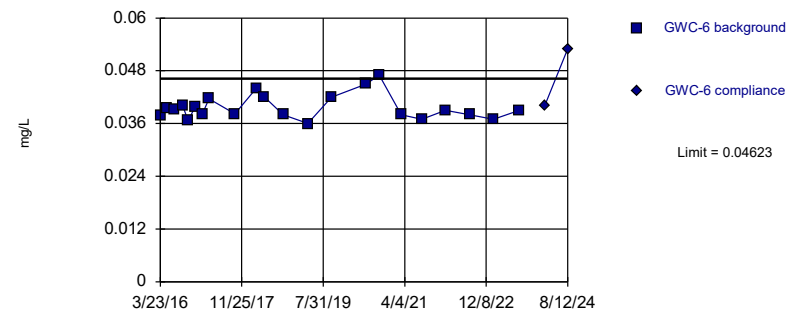
Background Data Summary: Mean=0.05775, Std. Dev.=0.009887, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9822, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Boron Analysis Run 10/22/2024 12:34 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Exceeds Limit

Prediction Limit

Intrawell Parametric



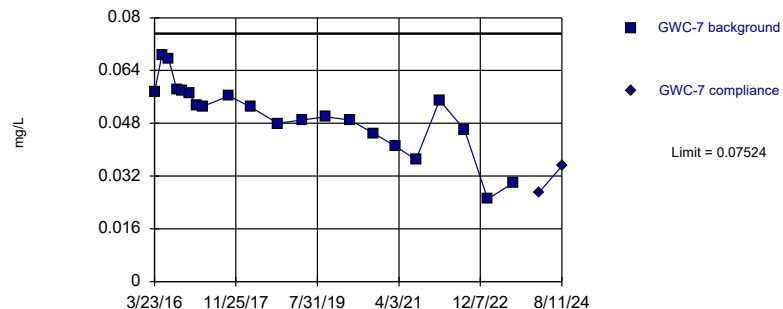
Background Data Summary: Mean=0.03968, Std. Dev.=0.002845, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8924, critical = 0.878. Kappa = 2.303 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Boron Analysis Run 10/22/2024 12:34 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



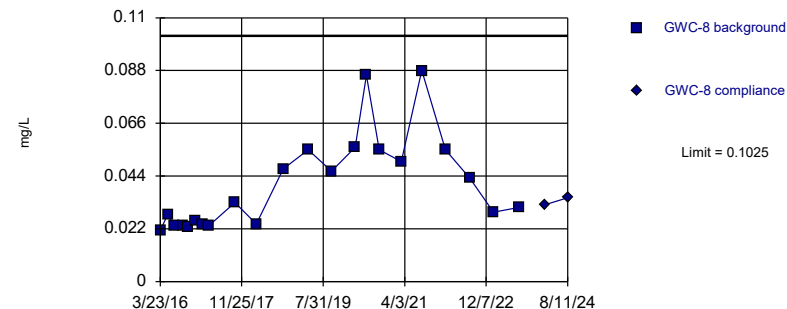
Background Data Summary: Mean=0.05036, Std. Dev.=0.01072, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9448, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Boron Analysis Run 10/22/2024 12:34 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



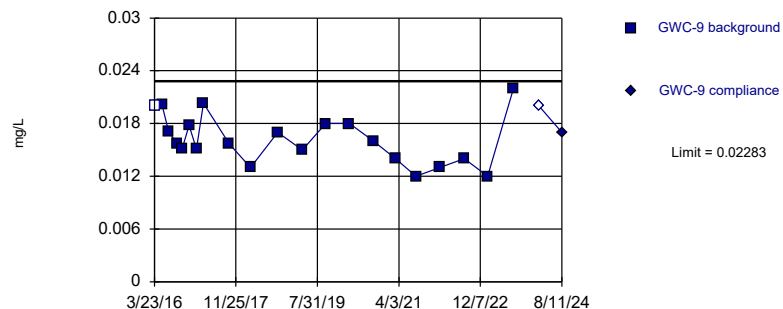
Background Data Summary (based on natural log transformation): Mean=-3.31, Std. Dev.=0.448, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.89, critical = 0.878. Kappa = 2.303 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Boron Analysis Run 10/22/2024 12:34 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



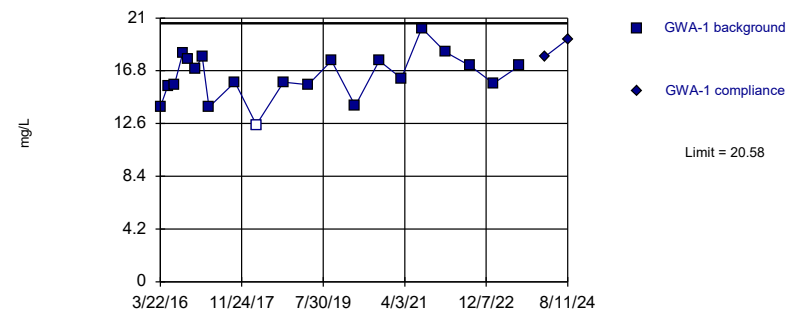
Background Data Summary: Mean=0.01624, Std. Dev.=0.002837, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9629, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Boron Analysis Run 10/22/2024 12:34 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



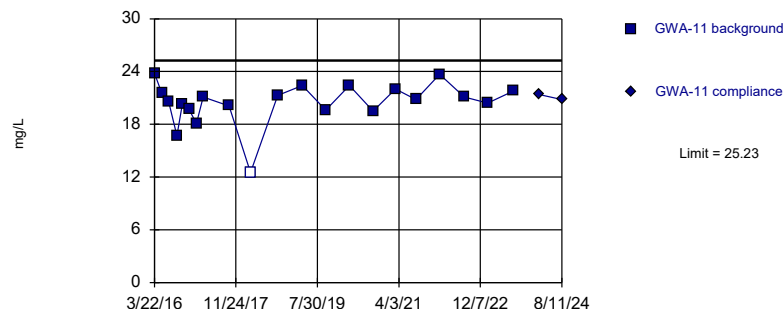
Background Data Summary: Mean=16.38, Std. Dev.=1.811, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9649, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 10/22/2024 12:34 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



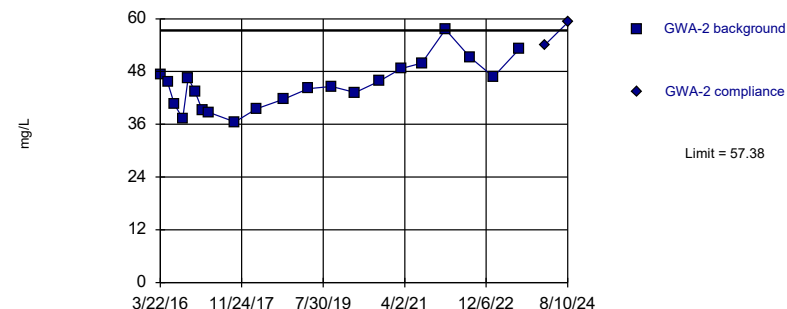
Background Data Summary (based on square transformation): Mean=423.9, Std. Dev.=91.74, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9152, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 10/22/2024 12:34 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Exceeds Limit

Prediction Limit

Intrawell Parametric



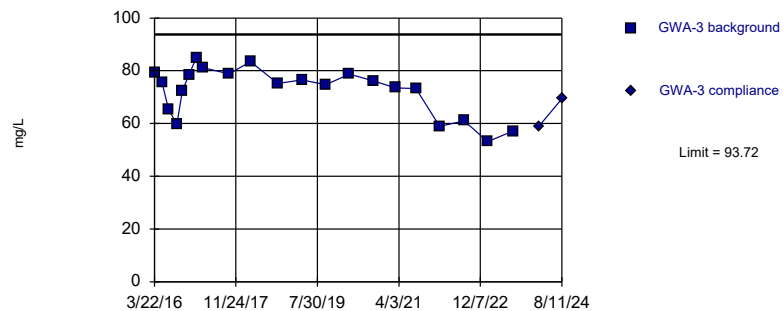
Background Data Summary: Mean=44.83, Std. Dev.=5.409, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9739, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 10/22/2024 12:34 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



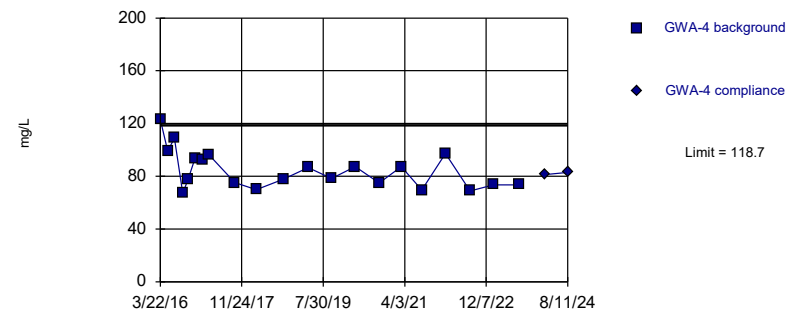
Background Data Summary: Mean=72.29, Std. Dev.=9.235, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8972, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 10/22/2024 12:34 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



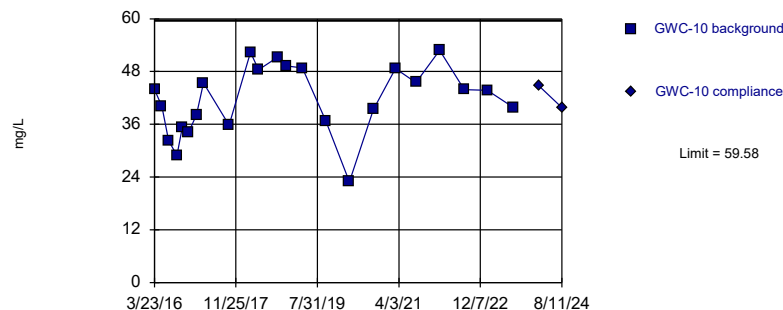
Background Data Summary: Mean=84.71, Std. Dev.=14.64, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.91, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 10/22/2024 12:34 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



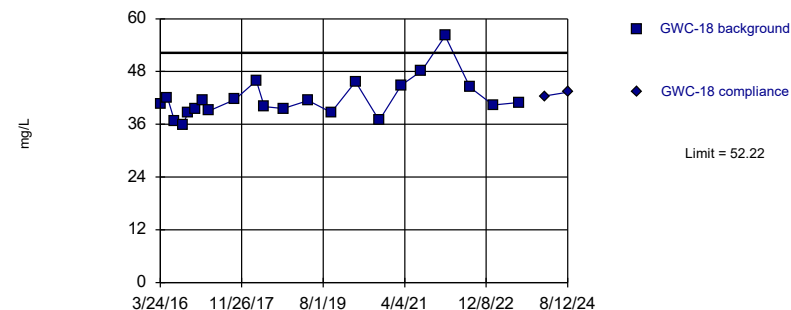
Background Data Summary: Mean=41.64, Std. Dev.=7.848, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9599, critical = 0.881. Kappa = 2.285 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 10/22/2024 12:34 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



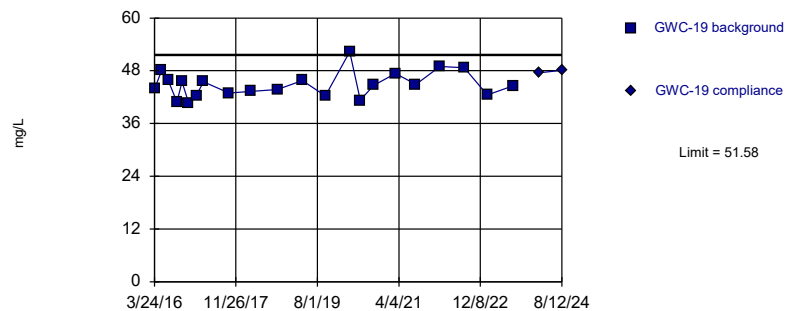
Background Data Summary (based on square root transformation): Mean=6.454, Std. Dev.=0.3355, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8895, critical = 0.878. Kappa = 2.303 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 10/22/2024 12:34 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



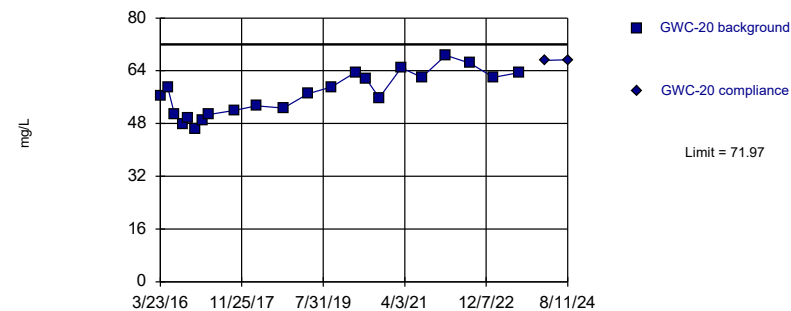
Background Data Summary: Mean=44.83, Std. Dev.=2.934, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9526, critical = 0.878. Kappa = 2.303 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 10/22/2024 12:34 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



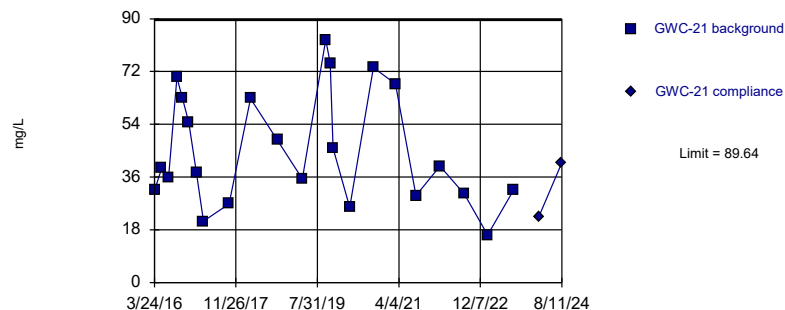
Background Data Summary: Mean=56.93, Std. Dev.=6.529, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9599, critical = 0.878. Kappa = 2.303 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 10/22/2024 12:34 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



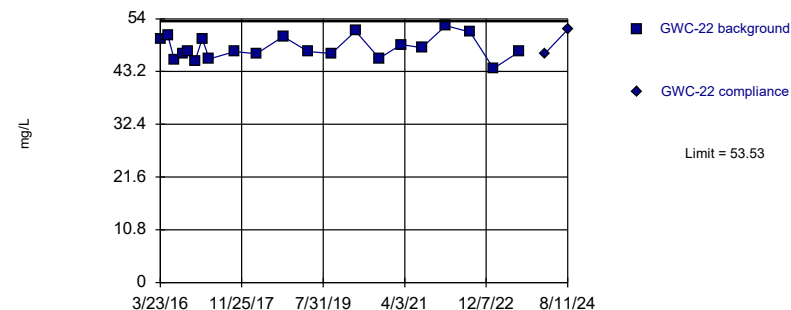
Background Data Summary: Mean=45.38, Std. Dev.=19.37, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9314, critical = 0.881. Kappa = 2.285 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 10/22/2024 12:34 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



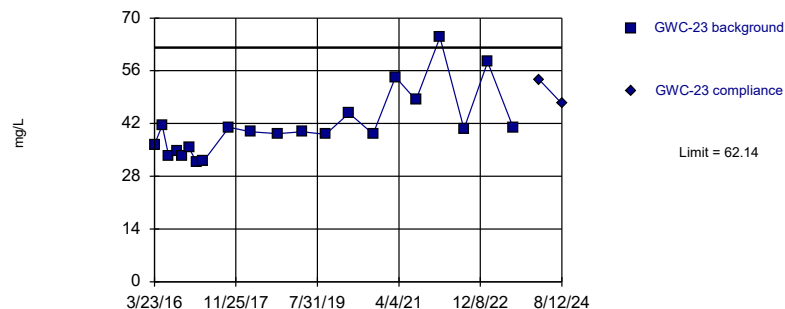
Background Data Summary: Mean=48.05, Std. Dev.=2.361, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.958, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 10/22/2024 12:35 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

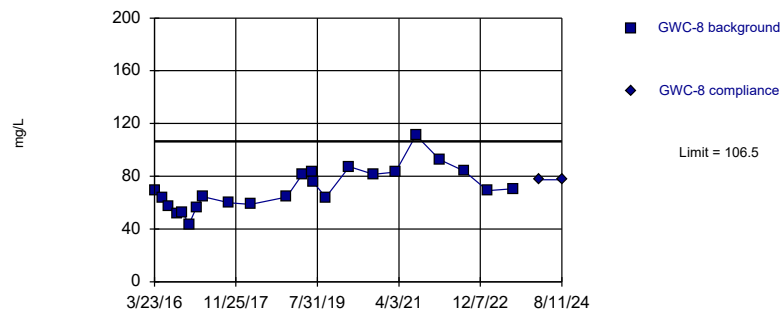
Intrawell Parametric



Within Limit

Prediction Limit

Intrawell Parametric



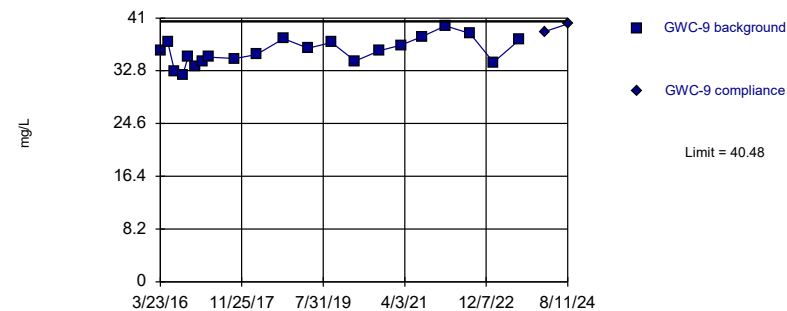
Background Data Summary: Mean=70.66, Std. Dev.=15.67, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.963, critical = 0.881. Kappa = 2.285 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 10/22/2024 12:35 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



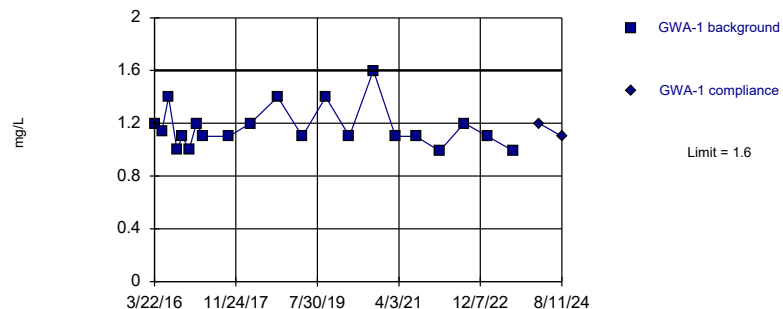
Background Data Summary: Mean=35.82, Std. Dev.=2.008, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9878, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 10/22/2024 12:35 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



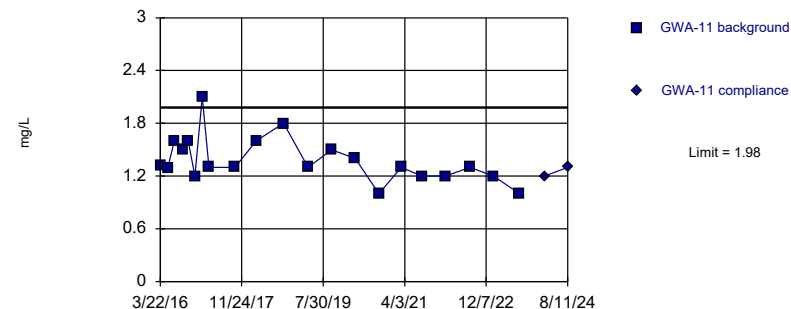
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Chloride Analysis Run 10/22/2024 12:35 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



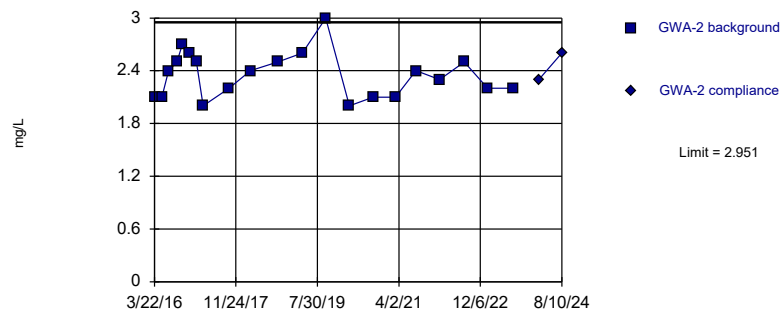
Background Data Summary: Mean=1.381, Std. Dev.=0.2581, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9026, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 10/22/2024 12:35 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



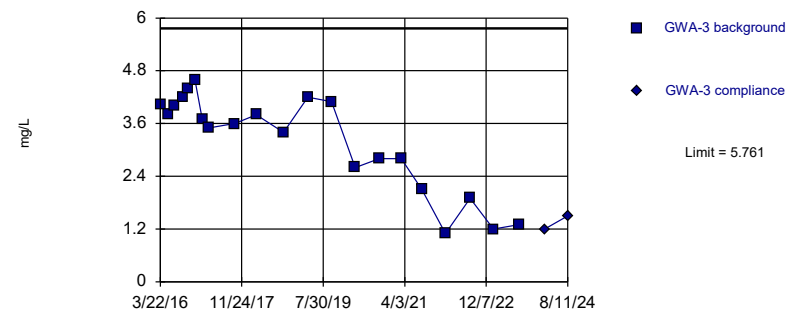
Background Data Summary: Mean=2.352, Std. Dev.=0.2582, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9376, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 10/22/2024 12:35 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



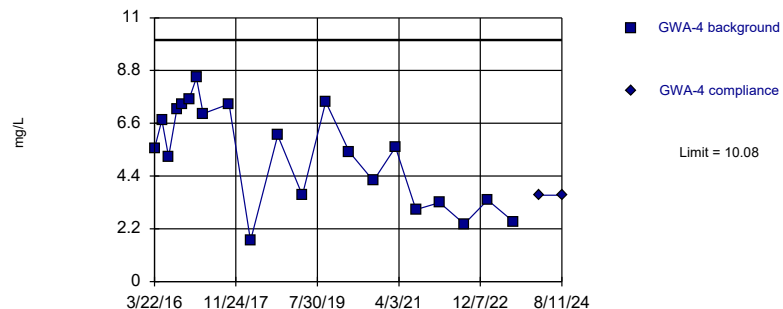
Background Data Summary: Mean=3.197, Std. Dev.=1.105, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8915, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 10/22/2024 12:35 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



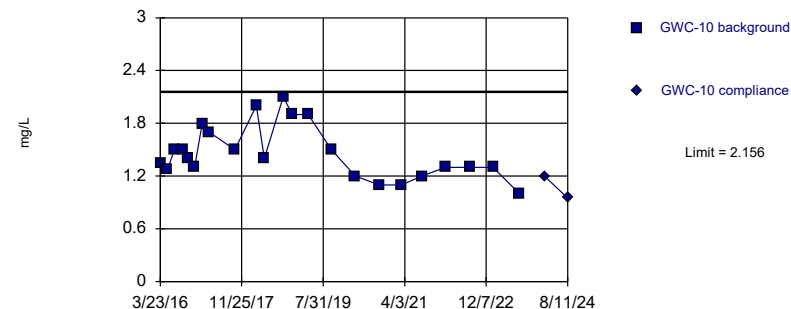
Background Data Summary: Mean=5.299, Std. Dev.=2.059, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9356, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 10/22/2024 12:35 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



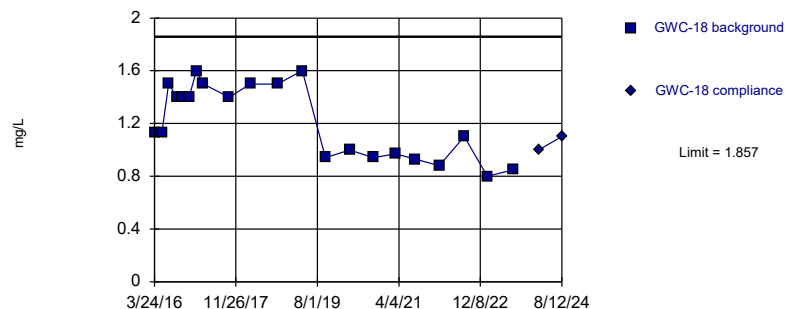
Background Data Summary: Mean=1.462, Std. Dev.=0.3036, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9285, critical = 0.881. Kappa = 2.285 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 10/22/2024 12:35 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

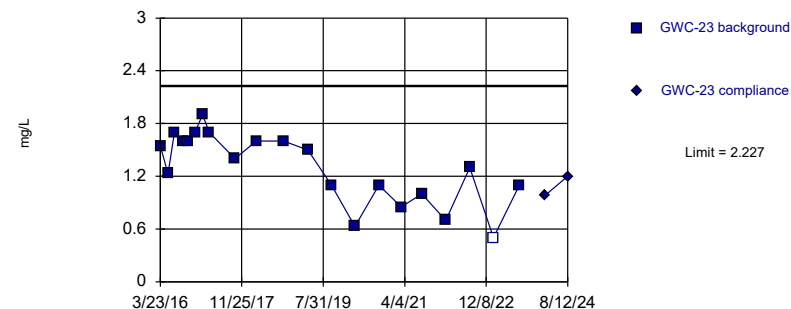
Intrawell Parametric



Within Limit

Prediction Limit

Intrawell Parametric



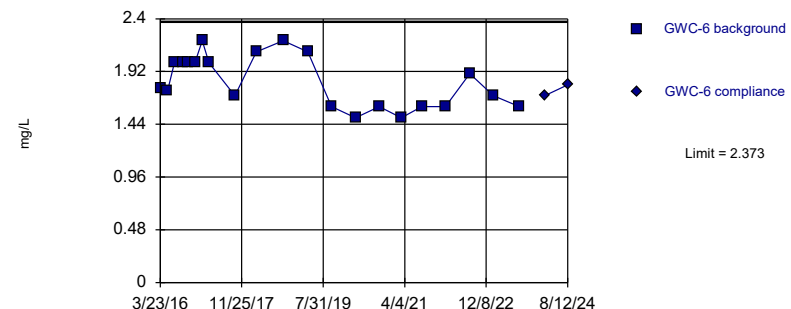
Background Data Summary: Mean=1.302, Std. Dev.=0.3984, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9313, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 10/22/2024 12:35 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



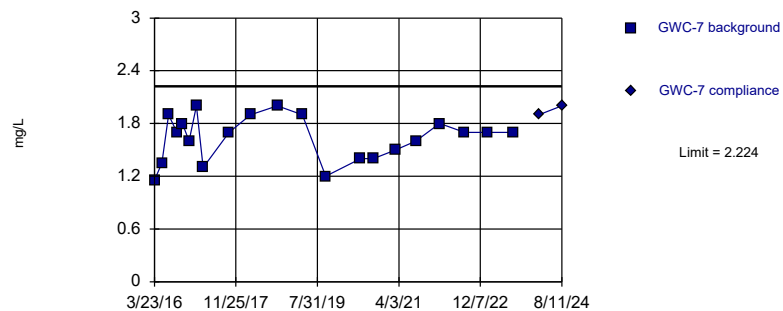
Background Data Summary: Mean=1.83, Std. Dev.=0.234, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9057, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 10/22/2024 12:35 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



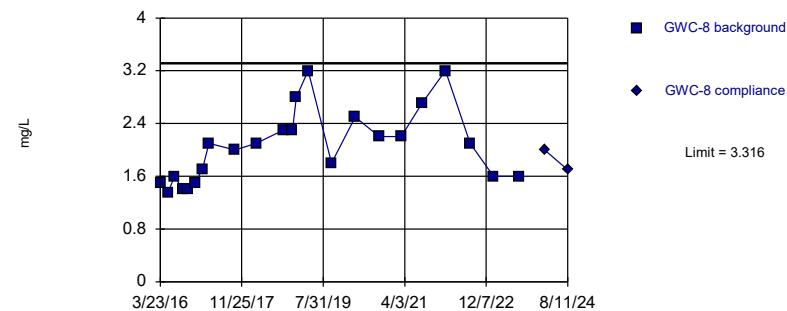
Background Data Summary: Mean=1.634, Std. Dev.=0.2545, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9451, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 10/22/2024 12:35 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



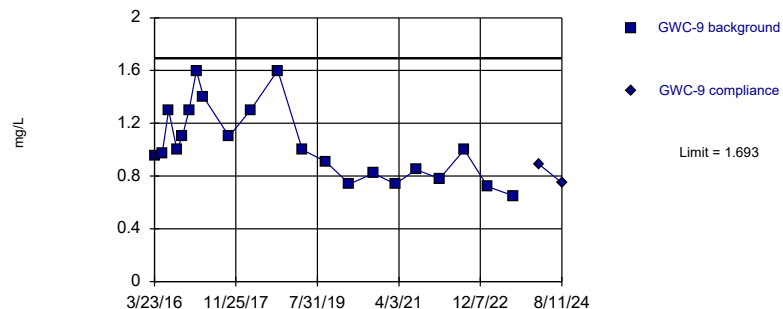
Background Data Summary: Mean=2.05, Std. Dev.=0.554, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9208, critical = 0.881. Kappa = 2.285 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 10/22/2024 12:35 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.04, Std. Dev.=0.2817, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9276, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

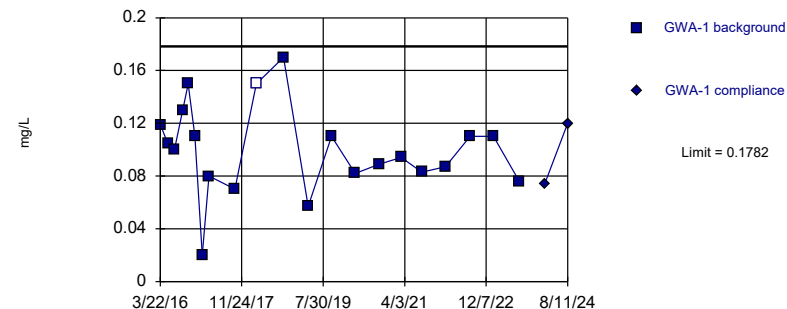
Constituent: Chloride Analysis Run 10/22/2024 12:35 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



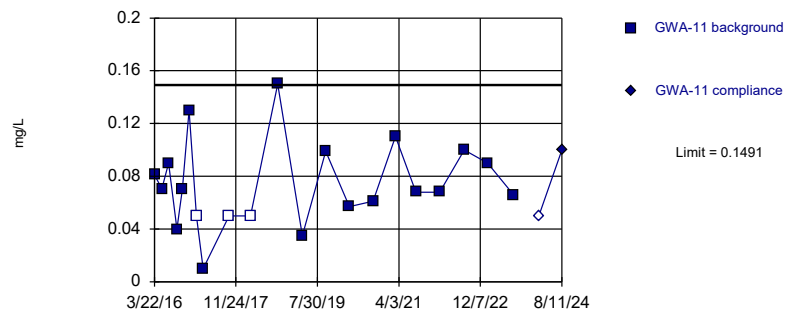
Background Data Summary: Mean=0.1001, Std. Dev.=0.03365, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.97, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 10/22/2024 12:35 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



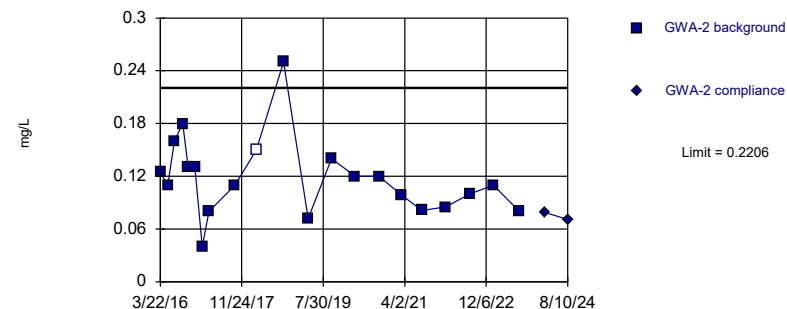
Background Data Summary: Mean=0.0736, Std. Dev.=0.03255, n=21, 14.29% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.972, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 10/22/2024 12:35 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



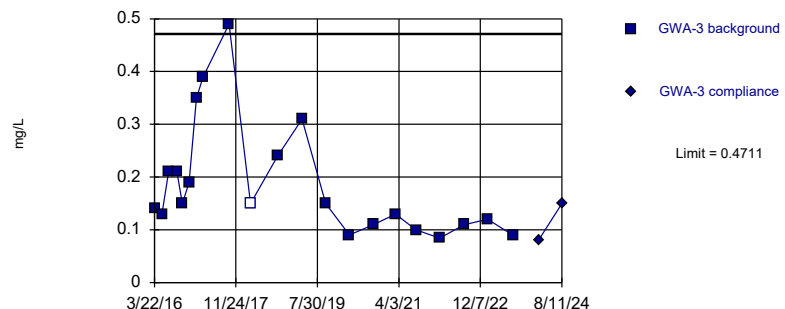
Background Data Summary: Mean=0.1177, Std. Dev.=0.04434, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9194, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 10/22/2024 12:35 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



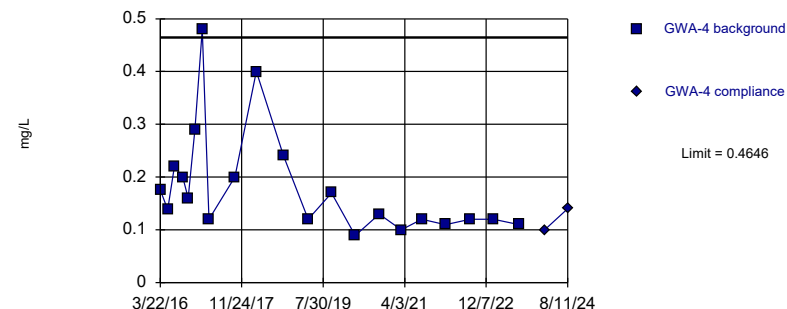
Background Data Summary (based on square root transformation): Mean=0.4185, Std. Dev.=0.1155, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8848, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 10/22/2024 12:35 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



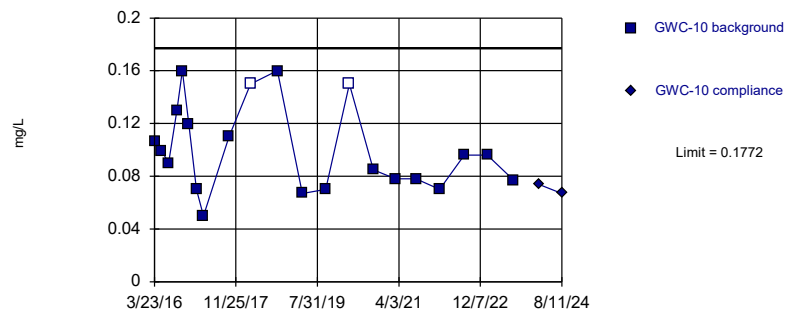
Background Data Summary (based on natural log transformation): Mean=-1.817, Std. Dev.=0.4525, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9058, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 10/22/2024 12:35 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



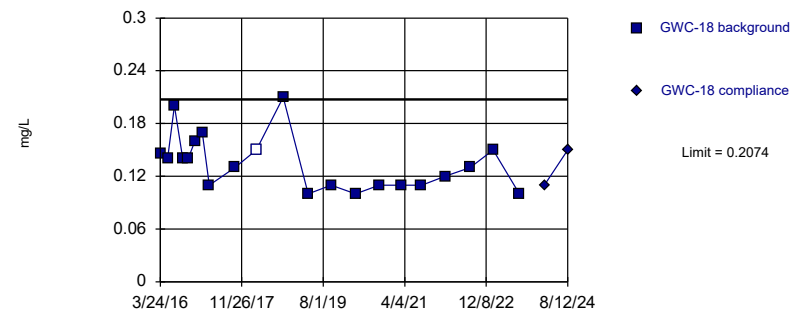
Background Data Summary: Mean=0.1006, Std. Dev.=0.033, n=21, 9.524% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9182, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 10/22/2024 12:35 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



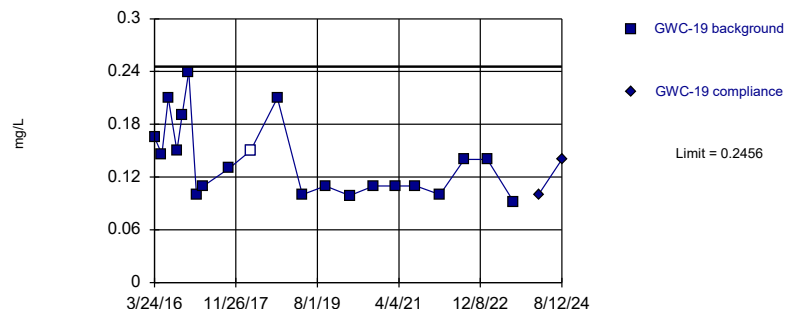
Background Data Summary: Mean=0.1351, Std. Dev.=0.03117, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8945, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 10/22/2024 12:35 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



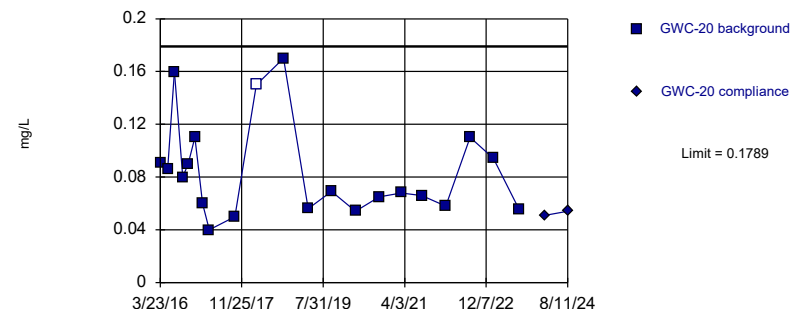
Background Data Summary (based on square root transformation): Mean=0.3685, Std. Dev.=0.05476, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8918, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 10/22/2024 12:35 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



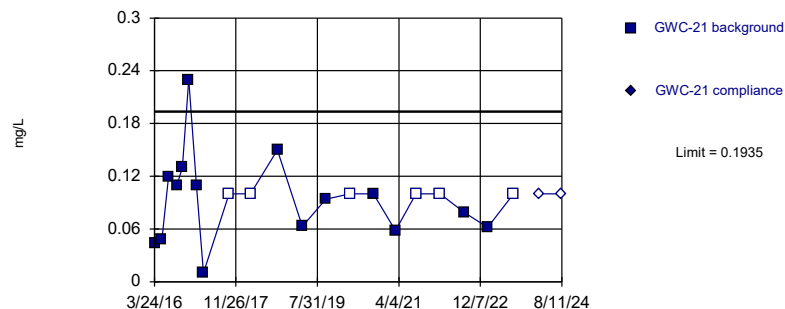
Background Data Summary (based on square root transformation): Mean=0.2855, Std. Dev.=0.05927, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9128, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 10/22/2024 12:35 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

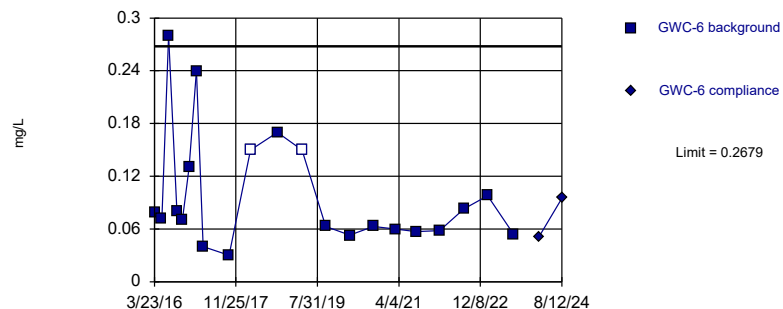
Intrawell Parametric



Within Limit

Prediction Limit

Intrawell Parametric



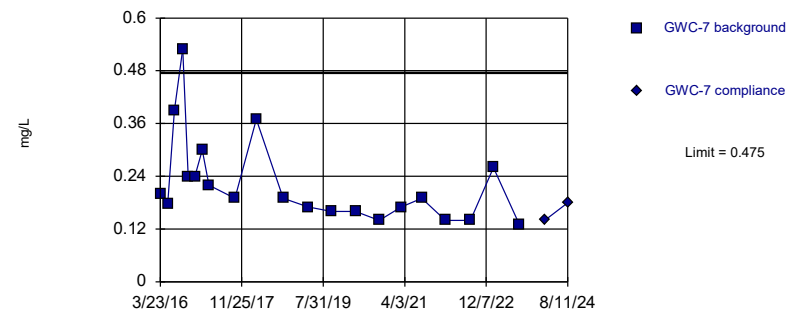
Background Data Summary (based on square root transformation): Mean=0.3012, Std. Dev.=0.09327, n=21, 9.524% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8853, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 10/22/2024 12:35 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



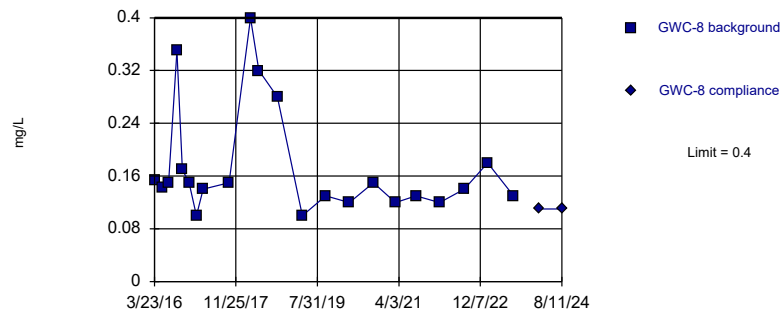
Background Data Summary (based on cube root transformation): Mean=0.5972, Std. Dev.=0.07889, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8806, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 10/22/2024 12:35 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



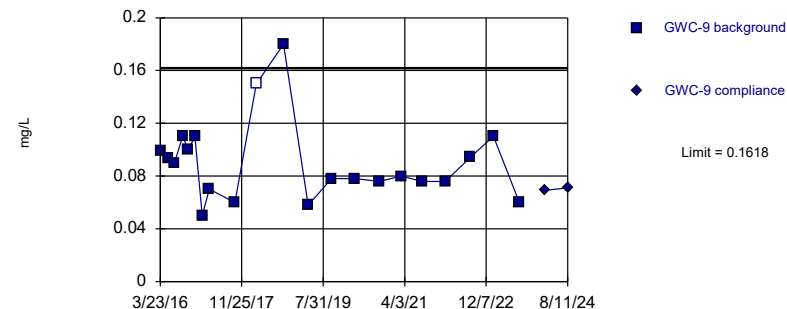
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 22 background values. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Fluoride Analysis Run 10/22/2024 12:35 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



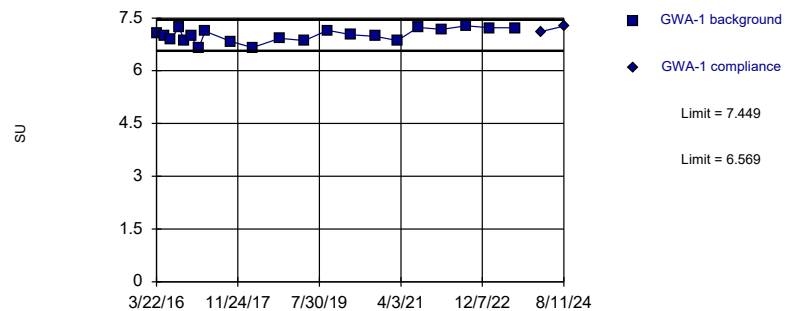
Background Data Summary: Mean=0.09042, Std. Dev.=0.03075, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8742, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 10/22/2024 12:35 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limits

Prediction Limit

Intrawell Parametric



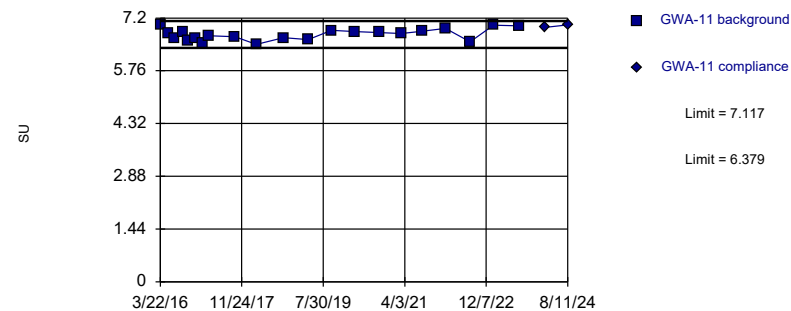
Background Data Summary: Mean=7.009, Std. Dev.=0.1898, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9438, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 10/22/2024 12:35 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limits

Prediction Limit

Intrawell Parametric



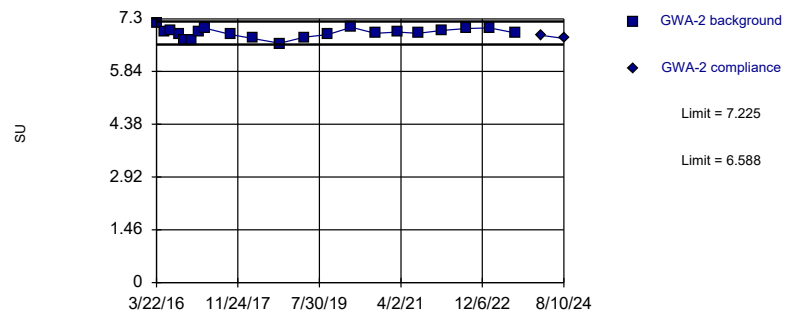
Background Data Summary: Mean=6.748, Std. Dev.=0.1589, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9627, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 10/22/2024 12:35 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limits

Prediction Limit

Intrawell Parametric



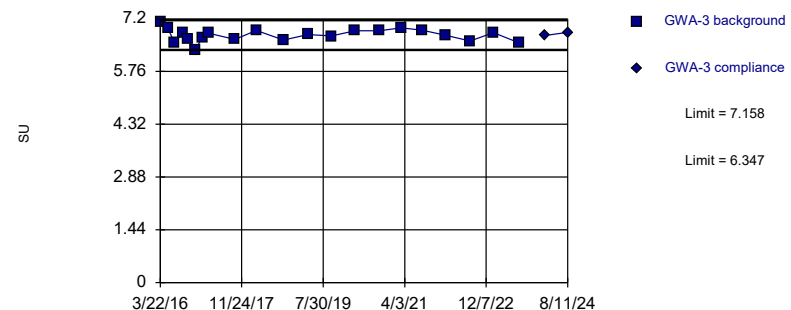
Background Data Summary: Mean=6.907, Std. Dev.=0.1371, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.983, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 10/22/2024 12:35 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limits

Prediction Limit

Intrawell Parametric



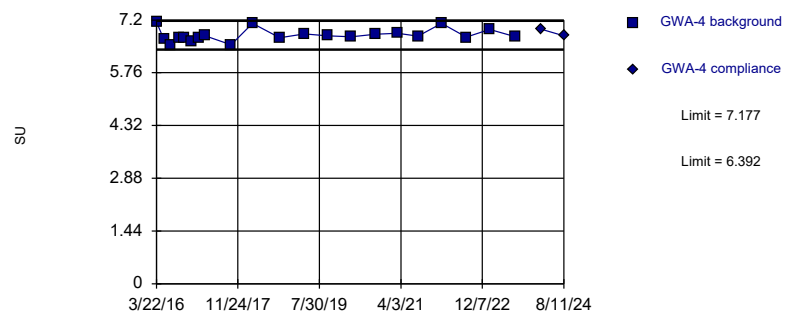
Background Data Summary: Mean=6.752, Std. Dev.=0.1747, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9815, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 10/22/2024 12:35 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limits

Prediction Limit

Intrawell Parametric



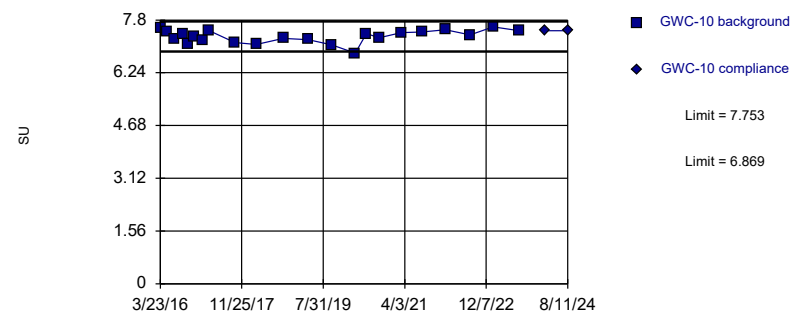
Background Data Summary: Mean=6.785, Std. Dev.=0.1691, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8878, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 10/22/2024 12:35 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limits

Prediction Limit

Intrawell Parametric



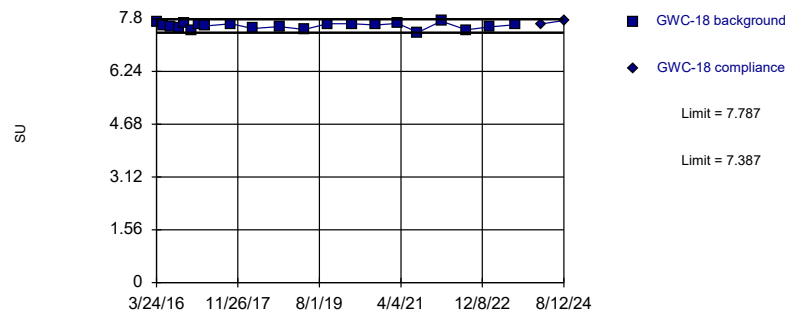
Background Data Summary: Mean=7.311, Std. Dev.=0.1919, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.955, critical = 0.878. Kappa = 2.303 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 10/22/2024 12:35 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limits

Prediction Limit

Intrawell Parametric



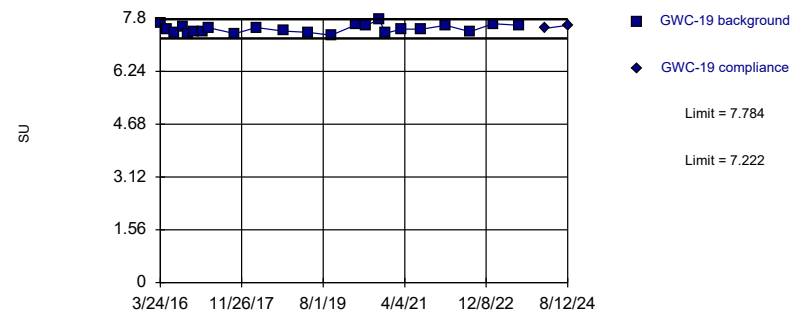
Background Data Summary: Mean=7.587, Std. Dev.=0.08609, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9629, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 10/22/2024 12:35 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limits

Prediction Limit

Intrawell Parametric



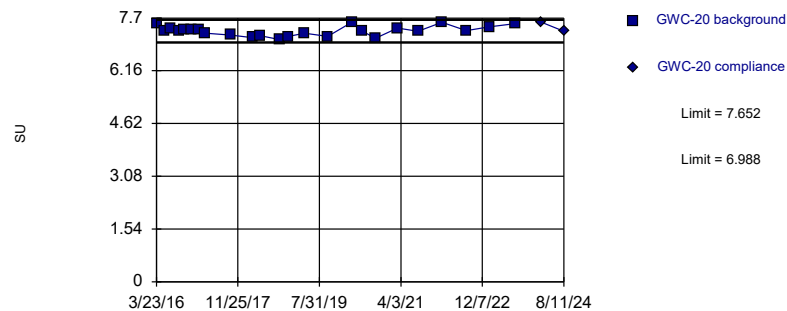
Background Data Summary: Mean=7.503, Std. Dev.=0.1232, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9623, critical = 0.881. Kappa = 2.285 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 10/22/2024 12:35 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limits

Prediction Limit

Intrawell Parametric



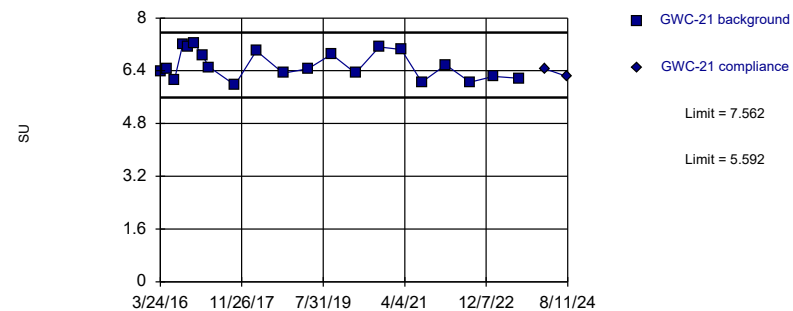
Background Data Summary: Mean=7.32, Std. Dev.=0.1465, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9531, critical = 0.884. Kappa = 2.268 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 10/22/2024 12:35 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limits

Prediction Limit

Intrawell Parametric



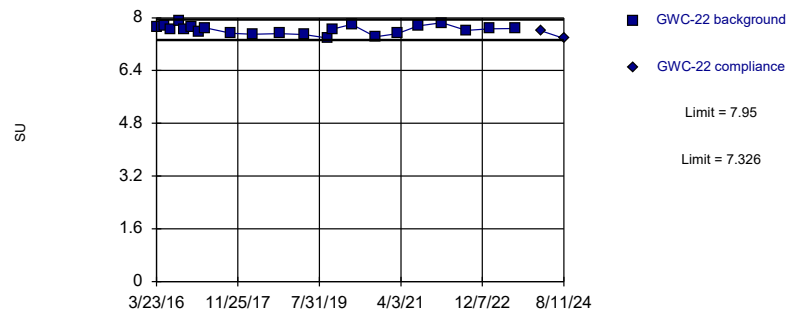
Background Data Summary: Mean=6.577, Std. Dev.=0.4244, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9175, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 10/22/2024 12:35 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limits

Prediction Limit

Intrawell Parametric



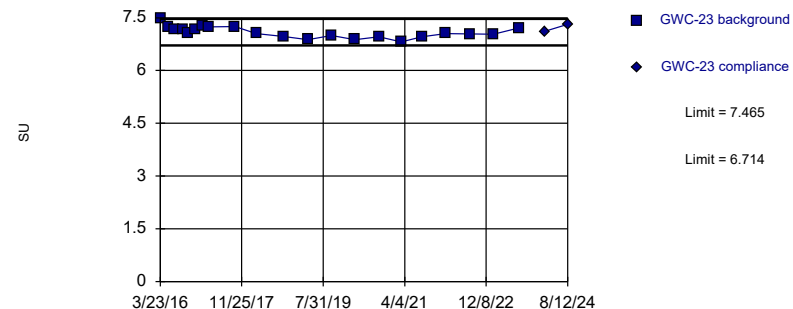
Background Data Summary: Mean=7.638, Std. Dev.=0.1354, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9809, critical = 0.878. Kappa = 2.303 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 10/22/2024 12:35 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limits

Prediction Limit

Intrawell Parametric



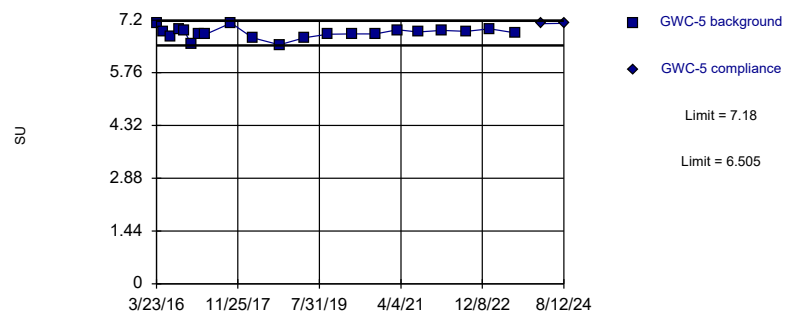
Background Data Summary: Mean=7.09, Std. Dev.=0.1617, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.963, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 10/22/2024 12:35 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limits

Prediction Limit

Intrawell Parametric



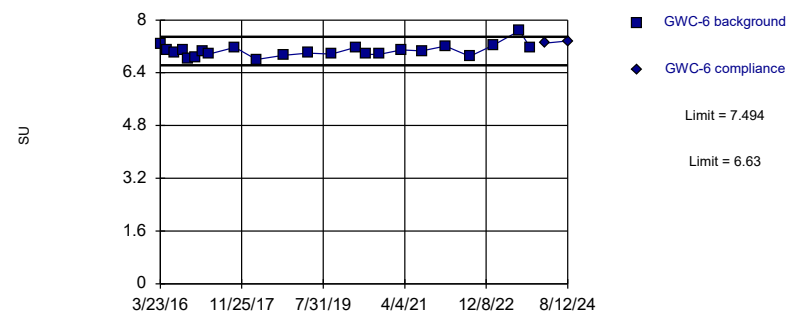
Background Data Summary: Mean=6.842, Std. Dev.=0.1455, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9473, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 10/22/2024 12:35 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limits

Prediction Limit

Intrawell Parametric



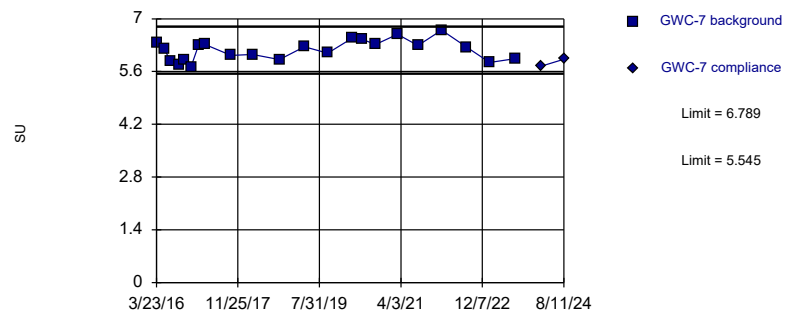
Background Data Summary: Mean=7.062, Std. Dev.=0.1892, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.892, critical = 0.881. Kappa = 2.285 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 10/22/2024 12:36 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limits

Prediction Limit

Intrawell Parametric



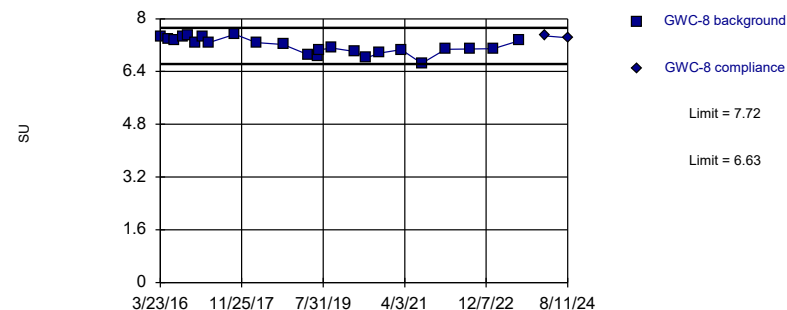
Background Data Summary: Mean=6.167, Std. Dev.=0.2702, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9662, critical = 0.878. Kappa = 2.303 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 10/22/2024 12:36 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limits

Prediction Limit

Intrawell Parametric



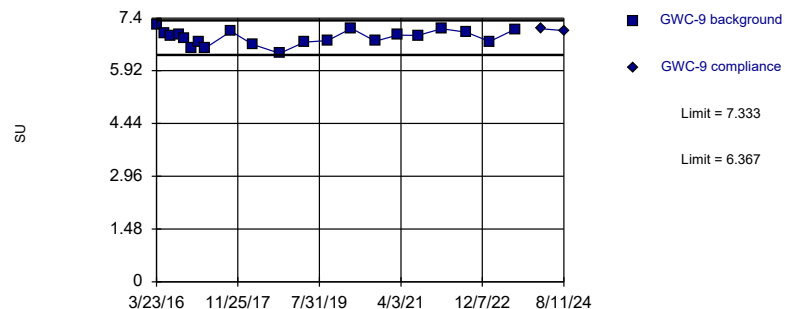
Background Data Summary: Mean=7.175, Std. Dev.=0.2405, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9583, critical = 0.884. Kappa = 2.268 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 10/22/2024 12:36 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limits

Prediction Limit

Intrawell Parametric



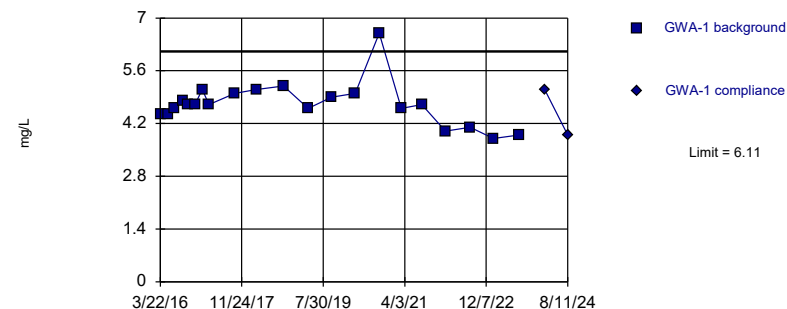
Background Data Summary: Mean=6.85, Std. Dev.=0.2081, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9773, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 10/22/2024 12:36 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



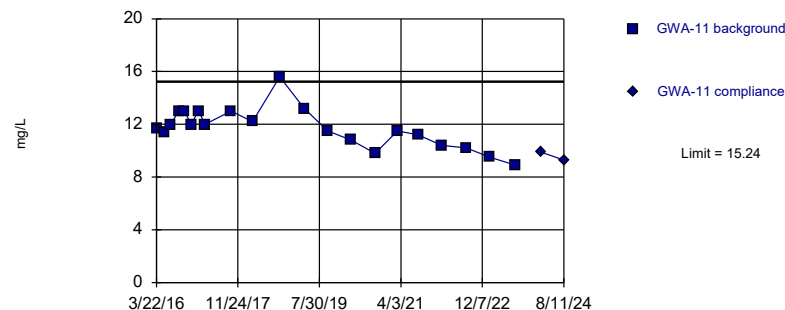
Background Data Summary (based on square root transformation): Mean=2.167, Std. Dev.=0.1313, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8914, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 10/22/2024 12:36 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



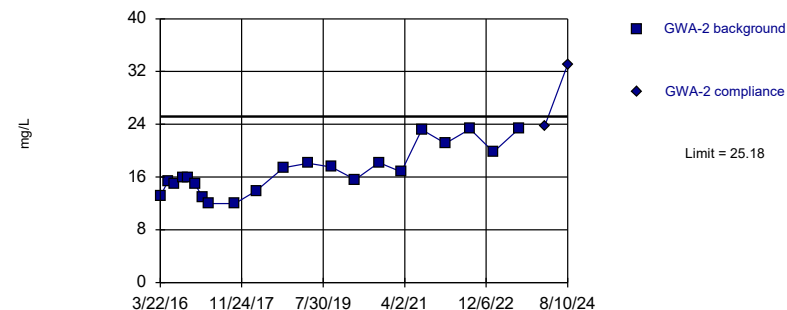
Background Data Summary: Mean=11.71, Std. Dev.=1.52, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9612, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 10/22/2024 12:36 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Exceeds Limit

Prediction Limit

Intrawell Parametric



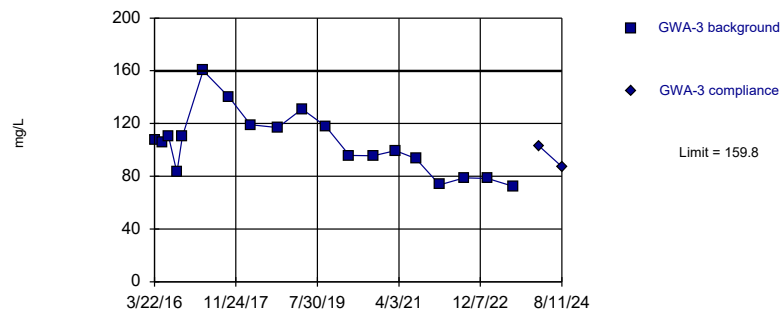
Background Data Summary: Mean=16.94, Std. Dev.=3.554, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9298, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 10/22/2024 12:36 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



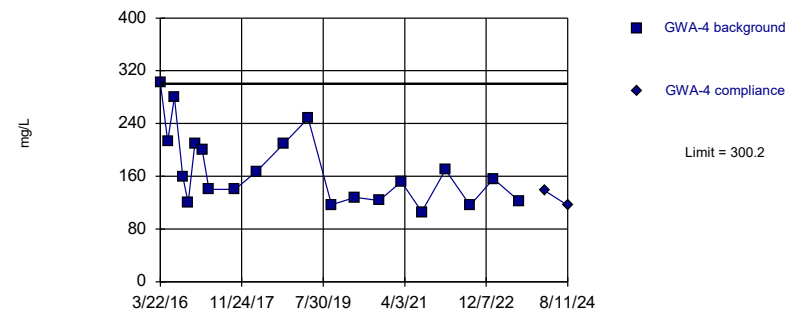
Background Data Summary: Mean=104.7, Std. Dev.=23.29, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9556, critical = 0.901. Kappa = 2.368 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 10/22/2024 12:36 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



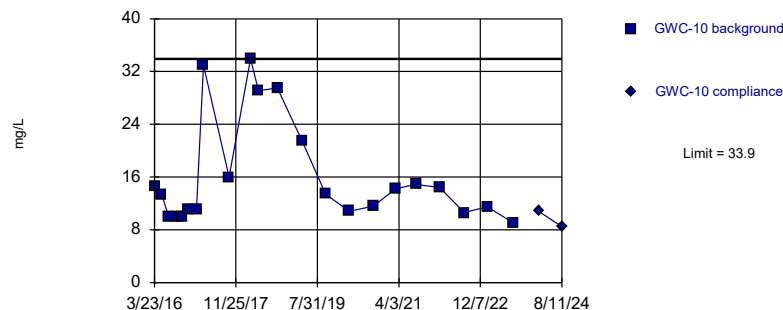
Background Data Summary: Mean=170.4, Std. Dev.=55.94, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8906, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 10/22/2024 12:36 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Non-parametric



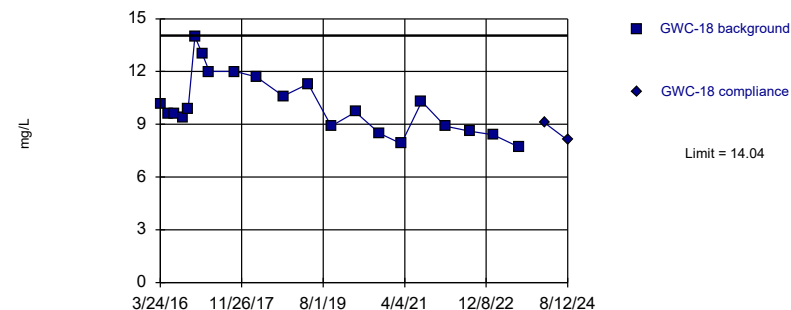
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 22 background values. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Sulfate Analysis Run 10/22/2024 12:36 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



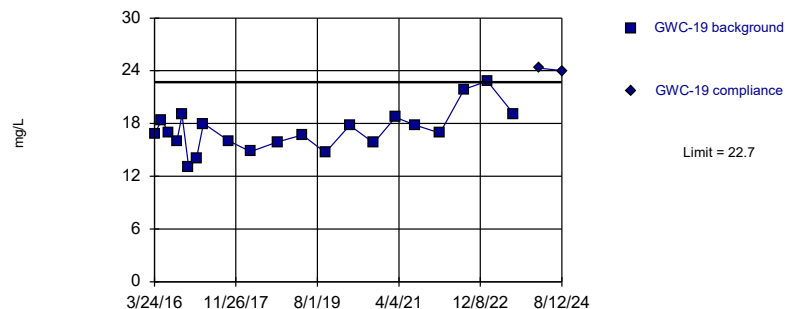
Background Data Summary: Mean=10.1, Std. Dev.=1.696, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9496, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 10/22/2024 12:36 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Exceeds Limit

Prediction Limit

Intrawell Parametric



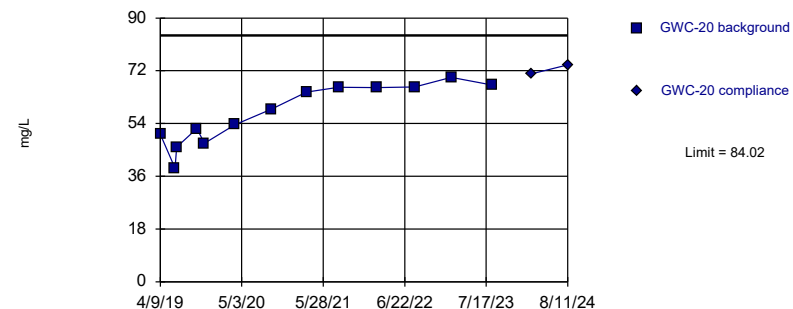
Background Data Summary: Mean=17.2, Std. Dev.=2.369, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9577, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 10/22/2024 12:36 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

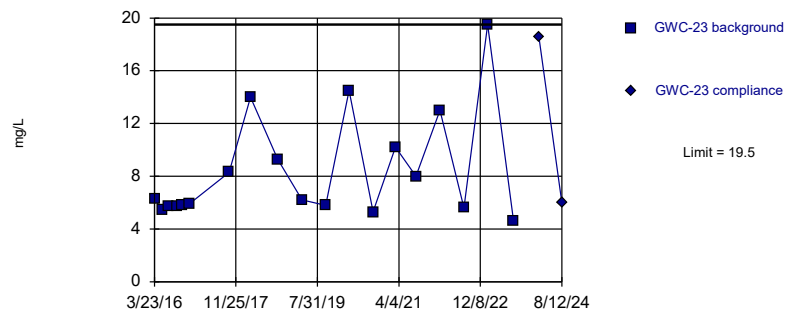
Intrawell Parametric



Within Limit

Prediction Limit

Intrawell Non-parametric



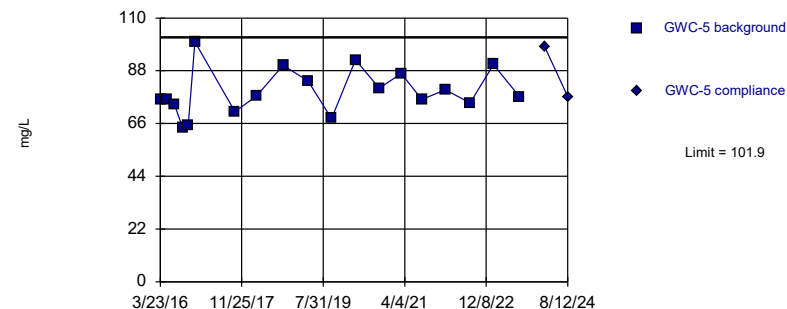
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.05 alpha level. Limit is highest of 19 background values. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Sulfate Analysis Run 10/22/2024 12:36 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



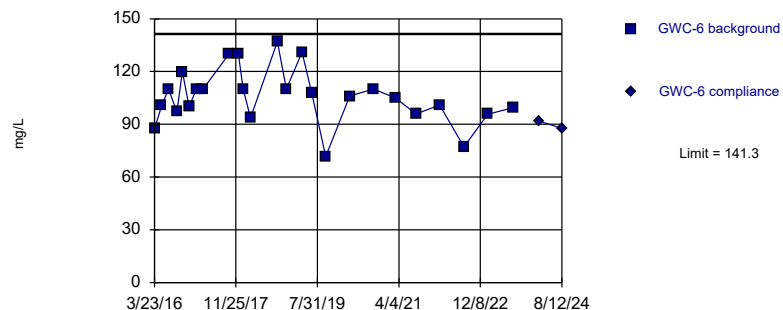
Background Data Summary: Mean=79.18, Std. Dev.=9.587, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9644, critical = 0.901. Kappa = 2.368 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 10/22/2024 12:36 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



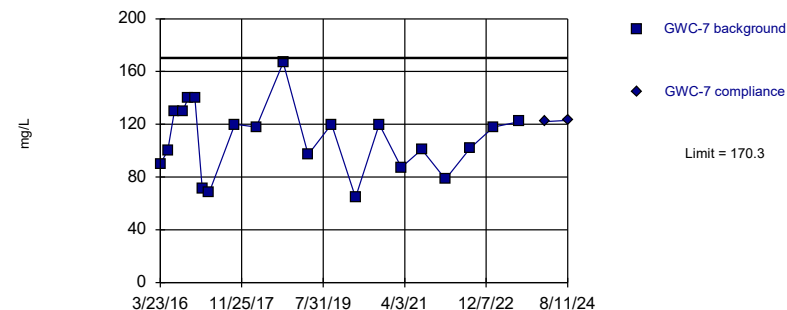
Background Data Summary: Mean=105.9, Std. Dev.=15.76, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9536, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 10/22/2024 12:36 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



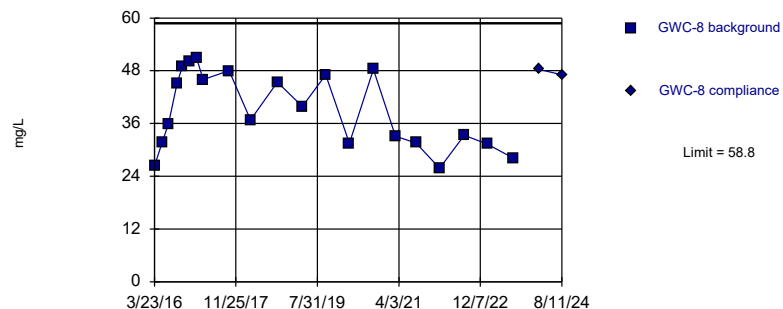
Background Data Summary: Mean=108.8, Std. Dev.=26.51, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9673, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 10/22/2024 12:36 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

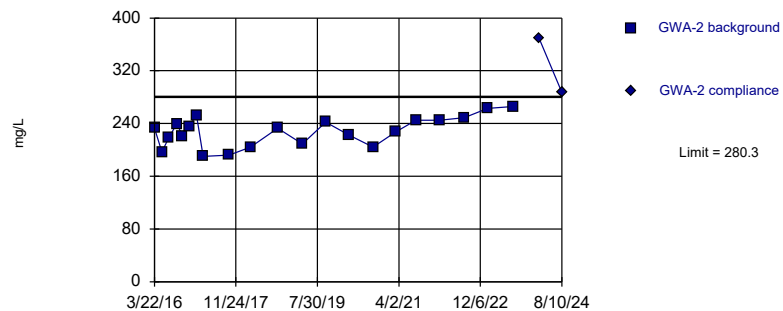
Intrawell Parametric



Exceeds Limit

Prediction Limit

Intrawell Parametric



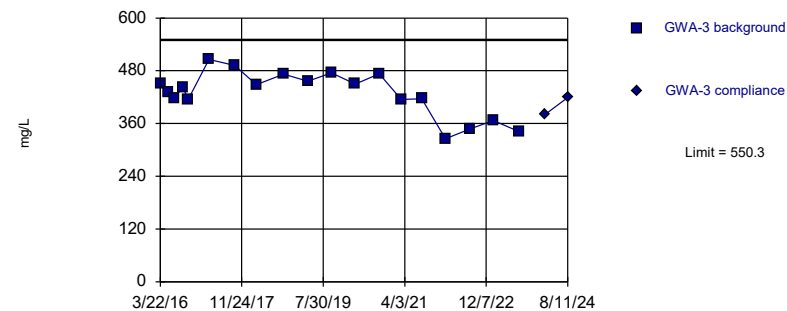
Background Data Summary: Mean=228, Std. Dev.=22.53, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9659, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Total Dissolved Solids Analysis Run 10/22/2024 12:36 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



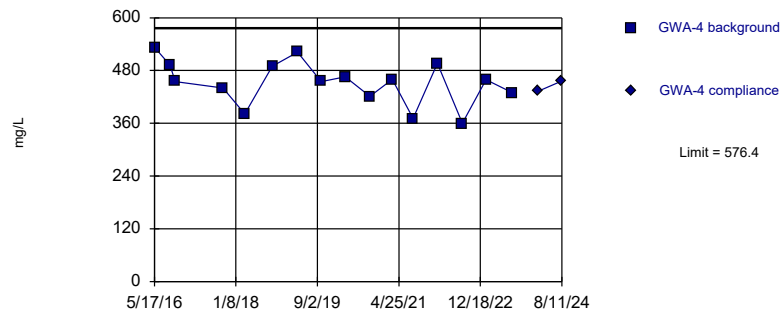
Background Data Summary: Mean=428.5, Std. Dev.=51.45, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9299, critical = 0.901. Kappa = 2.368 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Total Dissolved Solids Analysis Run 10/22/2024 12:36 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



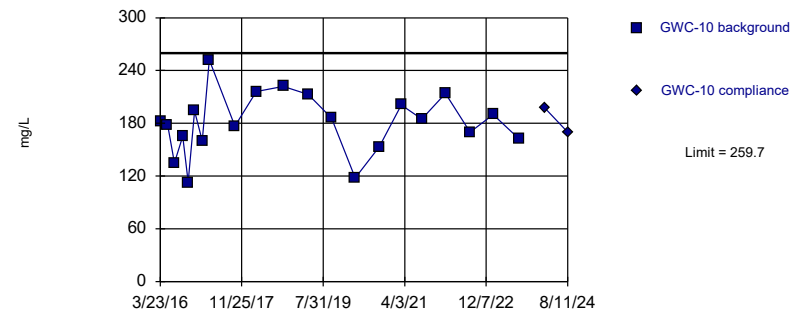
Background Data Summary: Mean=451.9, Std. Dev.=50.69, n=16. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9554, critical = 0.887. Kappa = 2.456 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Total Dissolved Solids Analysis Run 10/22/2024 12:36 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric

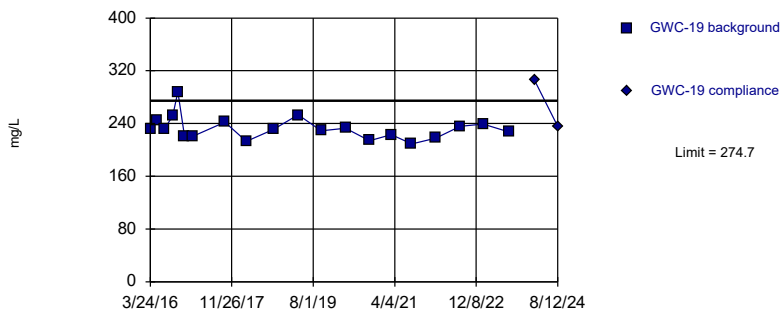


Background Data Summary: Mean=180.3, Std. Dev.=34.23, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9801, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Total Dissolved Solids Analysis Run 10/22/2024 12:36 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Prediction Limit

Intrawell Parametric

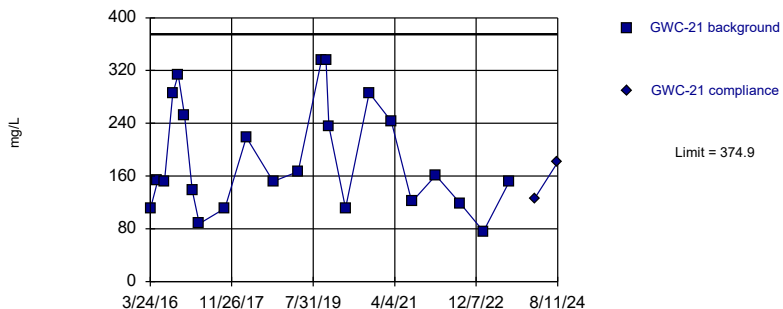


Background Data Summary: Mean=232.8, Std. Dev.=17.94, n=20. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8889, critical = 0.868. Kappa = 2.338 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269

Constituent: Total Dissolved Solids Analysis Run 10/22/2024 12:36 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Prediction Limit

Intrawell Parametric

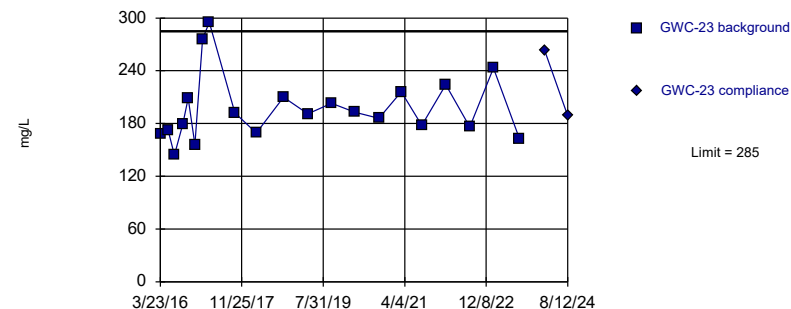


Background Data Summary: Mean=187.7, Std. Dev.=81.93, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9052, critical = 0.881. Kappa = 2.285 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Total Dissolved Solids Analysis Run 10/22/2024 12:36 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Prediction Limit

Intrawell Parametric

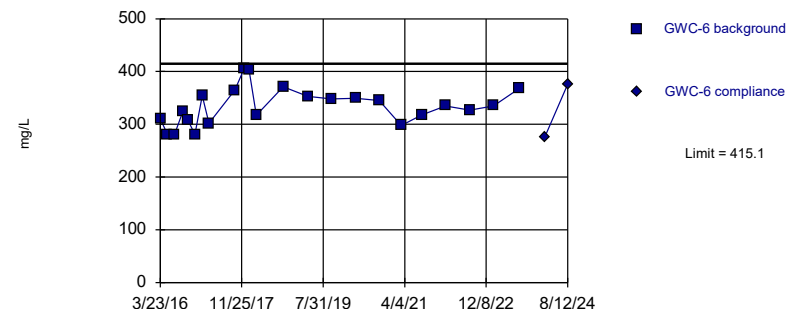


Background Data Summary: Mean=197.3, Std. Dev.=37.79, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9036, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Total Dissolved Solids Analysis Run 10/22/2024 12:36 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Prediction Limit

Intrawell Parametric



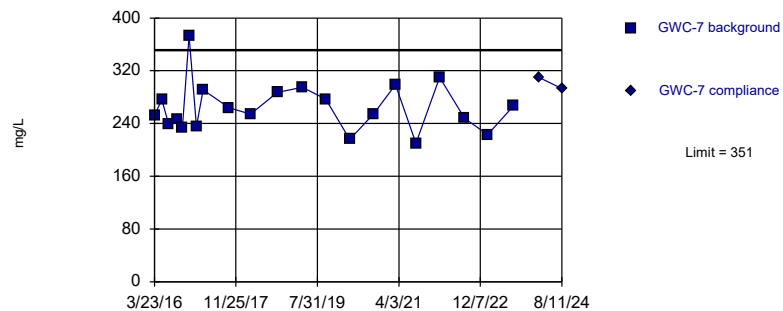
Background Data Summary: Mean=333.8, Std. Dev.=35.57, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9622, critical = 0.881. Kappa = 2.285 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Total Dissolved Solids Analysis Run 10/22/2024 12:36 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=264.4, Std. Dev.=37.35, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9309, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

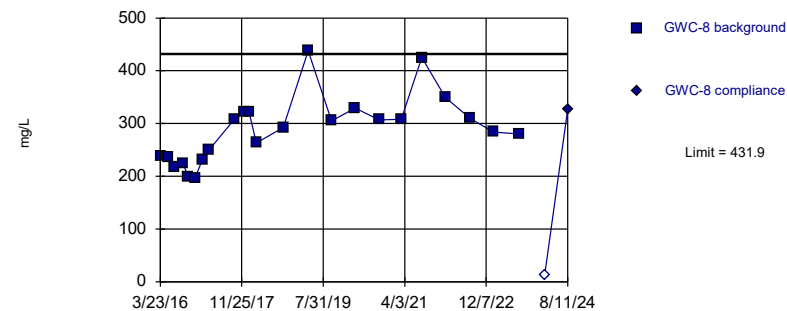
Constituent: Total Dissolved Solids Analysis Run 10/22/2024 12:36 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



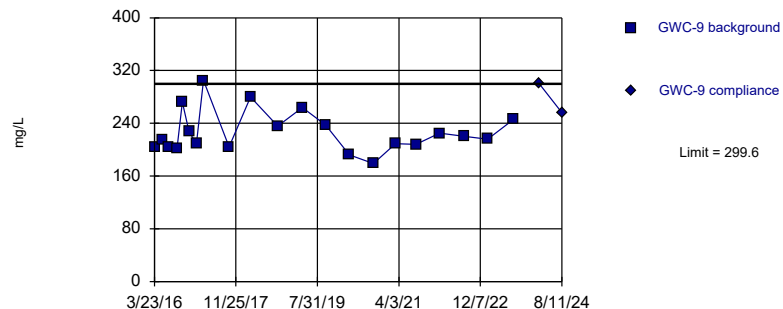
Background Data Summary: Mean=288.6, Std. Dev.=62.72, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9319, critical = 0.881. Kappa = 2.285 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Total Dissolved Solids Analysis Run 10/22/2024 12:36 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=226.3, Std. Dev.=31.57, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9132, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Total Dissolved Solids Analysis Run 10/22/2024 12:36 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 10/22/2024 12:38 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1	GWA-1
3/22/2016	<0.04	
5/17/2016	<0.04	
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)	
8/14/2023	0.049	
2/19/2024		0.03 (J)
8/11/2024		<0.04

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 10/22/2024 12:38 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)	
8/14/2023	0.038 (J)	
2/19/2024		0.028 (J)
8/11/2024		0.045

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 10/22/2024 12:38 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	
8/14/2023	0.097	
2/19/2024		0.083
8/10/2024		0.072

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 10/22/2024 12:38 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	
8/14/2023	0.15	
2/19/2024		0.082
8/11/2024		0.13

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 10/22/2024 12:38 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	
8/14/2023	0.082	
2/19/2024		0.059
8/11/2024		0.074

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 10/22/2024 12:38 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)	
8/14/2023	0.032 (J)	
2/19/2024		0.028 (J)
8/11/2024		0.032 (J)

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 10/22/2024 12:38 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	
8/15/2023	0.14	
2/20/2024		0.12
8/12/2024		0.14

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 10/22/2024 12:38 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	
8/15/2023	0.16	
2/20/2024		0.14
8/12/2024		0.16

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 10/22/2024 12:38 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-20	GWC-20
3/23/2016	<0.04	
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)	
8/15/2023	0.019 (J)	
2/20/2024		<0.04
8/11/2024		0.018 (J)

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 10/22/2024 12:38 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)	
8/15/2023	0.03 (J)	
2/20/2024		0.025 (J)
8/11/2024		0.038 (J)

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 10/22/2024 12:38 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	
8/15/2023	0.068	
2/20/2024		0.066
8/11/2024		0.067

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 10/22/2024 12:38 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	
8/14/2023	0.019 (J)	
2/20/2024		0.048
8/12/2024		0.028 (J)

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 10/22/2024 12:38 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	
8/15/2023	0.06	
2/20/2024		0.031 (J)
8/12/2024		0.09

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 10/22/2024 12:38 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)	
8/14/2023	0.039 (J)	
2/21/2024		0.04
8/12/2024		0.053

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 10/22/2024 12:38 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)	
8/15/2023	0.03 (J)	
2/21/2024		0.027 (J)
8/11/2024		0.035 (J)

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 10/22/2024 12:38 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)	
8/15/2023	0.031 (J)	
2/21/2024		0.032 (J)
8/11/2024		0.035 (J)

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 10/22/2024 12:38 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-9	GWC-9
3/23/2016	<0.04	
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)	
8/15/2023	0.022 (J)	
2/20/2024		<0.04
8/11/2024		0.017 (J)

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 10/22/2024 12:38 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)	
8/14/2023	17.2	
2/19/2024		17.9
8/11/2024		19.3

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 10/22/2024 12:38 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	
8/14/2023	21.8	
2/19/2024		21.4
8/11/2024		20.8

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 10/22/2024 12:38 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	
8/14/2023	53.1	
2/19/2024		54
8/10/2024		59.2

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 10/22/2024 12:38 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	
8/14/2023	57.2	
2/19/2024		59
8/11/2024		69.4

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 10/22/2024 12:38 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	
8/14/2023	73.5	
2/19/2024		81.3
8/11/2024		83

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 10/22/2024 12:38 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	
8/14/2023	39.8	
2/19/2024		44.8
8/11/2024		39.8

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 10/22/2024 12:38 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	
8/15/2023	41	
2/20/2024		42.4
8/12/2024		43.3

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 10/22/2024 12:38 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	
8/15/2023	44.6	
2/20/2024		47.5
8/12/2024		48.1

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 10/22/2024 12:38 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	
8/15/2023	63.5	
2/20/2024		67.1
8/11/2024		67.3

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 10/22/2024 12:38 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	
8/15/2023	31.5	
2/20/2024		22.5
8/11/2024		40.9

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 10/22/2024 12:38 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	
8/15/2023	47.3	
2/20/2024		46.8
8/11/2024		51.8

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 10/22/2024 12:38 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	
8/14/2023	40.7	
2/20/2024		53.7
8/12/2024		47.3

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 10/22/2024 12:38 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	
8/15/2023	75.8	
2/20/2024		78.7
8/12/2024		80.8

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 10/22/2024 12:38 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	
8/14/2023	69.1	
2/21/2024		66.7
8/12/2024		70.8

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 10/22/2024 12:38 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	
8/15/2023	18.4	
2/21/2024		16.5
8/11/2024		19.7

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 10/22/2024 12:38 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	
8/15/2023	70.5	
2/21/2024		77.4
8/11/2024		77.3

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 10/22/2024 12:38 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	
8/15/2023	37.6	
2/20/2024		38.9
8/11/2024		40.1

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 10/22/2024 12:38 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	
8/14/2023	0.99 (J)	
2/19/2024		1.2
8/11/2024		1.1

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 10/22/2024 12:38 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	
8/14/2023	1	
2/19/2024		1.2
8/11/2024		1.3

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 10/22/2024 12:38 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	
8/14/2023	2.2	
2/19/2024		2.3
8/10/2024		2.6

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 10/22/2024 12:38 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	
8/14/2023	1.3	
2/19/2024		1.2
8/11/2024		1.5

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 10/22/2024 12:38 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	
8/14/2023	2.5	
2/19/2024		3.6
8/11/2024		3.6

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 10/22/2024 12:38 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	
8/14/2023	1	
2/19/2024		1.2
8/11/2024		0.95 (J)

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 10/22/2024 12:38 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)	
8/15/2023	0.85 (J)	
2/20/2024		1
8/12/2024		1.1

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 10/22/2024 12:38 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	
8/15/2023	1.1	
2/20/2024		1.3
8/12/2024		1.3

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 10/22/2024 12:38 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	
8/15/2023	1.1	
2/20/2024		1.3
8/11/2024		1.1

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 10/22/2024 12:38 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	
8/15/2023	5.3	
2/20/2024		5
8/11/2024		10

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 10/22/2024 12:38 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	
8/15/2023	0.95 (J)	
2/20/2024		1.3
8/11/2024		1

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 10/22/2024 12:38 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	
8/14/2023	1.1	
2/20/2024		0.98 (J)
8/12/2024		1.2

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 10/22/2024 12:38 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	
8/15/2023	2.1	
2/20/2024		2.2
8/12/2024		2.3

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 10/22/2024 12:38 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	
8/14/2023	1.6	
2/21/2024		1.7
8/12/2024		1.8

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 10/22/2024 12:38 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	
8/15/2023	1.7	
2/21/2024		1.9
8/11/2024		2

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 10/22/2024 12:38 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	
8/15/2023	1.6	
2/21/2024		2
8/11/2024		1.7

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 10/22/2024 12:38 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)	
8/15/2023	0.65 (J)	
2/20/2024		0.89 (J)
8/11/2024		0.75 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 10/22/2024 12:38 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	
8/14/2023	0.076 (J)	
2/19/2024		0.074 (J)
8/11/2024		0.12

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 10/22/2024 12:38 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	<0.1	
3/24/2017	0.01 (J)	
10/5/2017	<0.1	
3/15/2018	<0.1	
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)	
8/14/2023	0.066 (J)	
2/19/2024		<0.1
8/11/2024		0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 10/22/2024 12:38 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	
8/14/2023	0.08 (J)	
2/19/2024		0.079 (J)
8/10/2024		0.071 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 10/22/2024 12:38 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	
8/14/2023	0.089 (J)	
2/19/2024		0.081 (J)
8/11/2024		0.15

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 10/22/2024 12:38 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	
8/14/2023	0.11	
2/19/2024		0.1
8/11/2024		0.14

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 10/22/2024 12:38 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)	
8/14/2023	0.077 (J)	
2/19/2024		0.074 (J)
8/11/2024		0.067 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 10/22/2024 12:38 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	
8/15/2023	0.1	
2/20/2024		0.11
8/12/2024		0.15

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 10/22/2024 12:38 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	
8/15/2023	0.092 (J)	
2/20/2024		0.1
8/12/2024		0.14

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 10/22/2024 12:38 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)	
8/15/2023	0.055 (J)	
2/20/2024		0.051 (J)
8/11/2024		0.054 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 10/22/2024 12:38 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)	
8/15/2023	<0.1	
2/20/2024		<0.1
8/11/2024		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 10/22/2024 12:38 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)	
8/15/2023	0.065 (J)	
2/20/2024		0.053 (J)
8/11/2024		0.061 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 10/22/2024 12:38 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	
8/14/2023	0.075 (J)	
2/20/2024		0.084 (J)
8/12/2024		0.12

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 10/22/2024 12:38 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)	
8/15/2023	0.052 (J)	
2/20/2024		<0.1
8/12/2024		0.088 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 10/22/2024 12:38 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)	
8/14/2023	0.054 (J)	
2/21/2024		0.051 (J)
8/12/2024		0.095 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 10/22/2024 12:38 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	
8/15/2023	0.13	
2/21/2024		0.14
8/11/2024		0.18

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 10/22/2024 12:38 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	
8/15/2023	0.13	
2/21/2024		0.11
8/11/2024		0.11

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 10/22/2024 12:38 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	
8/15/2023	0.06 (J)	
2/20/2024		0.069 (J)
8/11/2024		0.071 (J)

Prediction Limit

Constituent: pH (SU) Analysis Run 10/22/2024 12:38 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	
8/14/2023	7.22	
2/19/2024		7.11
8/11/2024		7.27

Prediction Limit

Constituent: pH (SU) Analysis Run 10/22/2024 12:38 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	
8/14/2023	6.99	
2/19/2024		6.94
8/11/2024		7.01

Prediction Limit

Constituent: pH (SU) Analysis Run 10/22/2024 12:38 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	
8/14/2023	6.91	
2/19/2024		6.84
8/10/2024		6.76

Prediction Limit

Constituent: pH (SU) Analysis Run 10/22/2024 12:38 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	
8/14/2023	6.54	
2/19/2024		6.74
8/11/2024		6.83

Prediction Limit

Constituent: pH (SU) Analysis Run 10/22/2024 12:38 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	
8/14/2023	6.74	
2/19/2024		6.95
8/11/2024		6.77

Prediction Limit

Constituent: pH (SU) Analysis Run 10/22/2024 12:38 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	
8/14/2023	7.48	
2/19/2024		7.48
8/11/2024		7.48

Prediction Limit

Constituent: pH (SU) Analysis Run 10/22/2024 12:38 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	
8/15/2023	7.63	
2/20/2024		7.64
8/12/2024		7.75

Prediction Limit

Constituent: pH (SU) Analysis Run 10/22/2024 12:38 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	
8/15/2023	7.61	
2/20/2024		7.51
8/12/2024		7.61

Prediction Limit

Constituent: pH (SU) Analysis Run 10/22/2024 12:38 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	
8/15/2023	7.54	
2/20/2024		7.58
8/11/2024		7.31

Prediction Limit

Constituent: pH (SU) Analysis Run 10/22/2024 12:38 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	
8/15/2023	6.17	
2/20/2024		6.46
8/11/2024		6.22

Prediction Limit

Constituent: pH (SU) Analysis Run 10/22/2024 12:38 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	
8/15/2023	7.68	
2/20/2024		7.61
8/11/2024		7.37

Prediction Limit

Constituent: pH (SU) Analysis Run 10/22/2024 12:38 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	
8/14/2023	7.21	
2/20/2024		7.11
8/12/2024		7.31

Prediction Limit

Constituent: pH (SU) Analysis Run 10/22/2024 12:38 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	
8/15/2023	6.85	
2/20/2024		7.1
8/12/2024		7.11

Prediction Limit

Constituent: pH (SU) Analysis Run 10/22/2024 12:38 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	
8/14/2023	7.68	
11/8/2023	7.15	
2/21/2024		7.3
8/12/2024		7.36

Prediction Limit

Constituent: pH (SU) Analysis Run 10/22/2024 12:38 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	
8/15/2023	5.94	
2/21/2024		5.74
8/11/2024		5.93

Prediction Limit

Constituent: pH (SU) Analysis Run 10/22/2024 12:38 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	
8/15/2023	7.34	
2/21/2024		7.48
8/11/2024		7.42

Prediction Limit

Constituent: pH (SU) Analysis Run 10/22/2024 12:38 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	
8/15/2023	7.09	
2/20/2024		7.1
8/11/2024		7.05

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 10/22/2024 12:38 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	
8/14/2023	3.9	
2/19/2024		5.1
8/11/2024		3.9

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 10/22/2024 12:38 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	
8/14/2023	8.9	
2/19/2024		9.9
8/11/2024		9.3

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 10/22/2024 12:38 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	
8/14/2023	23.4	
2/19/2024		23.7
8/10/2024		33.1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 10/22/2024 12:38 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 (o)	
2/1/2017	190 (o)	
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	
8/14/2023	72.3	
2/19/2024		103
8/11/2024		87.2

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 10/22/2024 12:38 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	
8/14/2023	122	
2/19/2024		138
8/11/2024		116

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 10/22/2024 12:38 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	
8/14/2023	9	
2/19/2024		10.8
8/11/2024		8.5

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 10/22/2024 12:38 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	
8/15/2023	7.7	
2/20/2024		9.1
8/12/2024		8.1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 10/22/2024 12:38 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	
8/15/2023	19.1	
2/20/2024		24.3
8/12/2024		24

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 10/22/2024 12:38 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	
8/15/2023	67.1	
2/20/2024		71
8/11/2024		74

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 10/22/2024 12:38 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	
8/15/2023	18.9	
2/20/2024		23.8
8/11/2024		28.4

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 10/22/2024 12:38 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	
8/15/2023	5.6	
2/20/2024		7.3
8/11/2024		5.7

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 10/22/2024 12:38 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 (o)	
3/27/2017	43 (o)	
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	
8/14/2023	4.6	
2/20/2024		18.6
8/12/2024		6

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 10/22/2024 12:38 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 (o)	
3/23/2017	130 (o)	
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	
8/15/2023	77.2	
2/20/2024		98.1
8/12/2024		77.2

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 10/22/2024 12:38 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	
8/14/2023	99.5	
2/21/2024		91.9
8/12/2024		87.7

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 10/22/2024 12:38 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	
8/15/2023	122	
2/21/2024		122
8/11/2024		123

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 10/22/2024 12:38 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	
8/15/2023	28.1	
2/21/2024		48.3
8/11/2024		47.1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 10/22/2024 12:38 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	
8/15/2023	63.9	
2/20/2024		78.2
8/11/2024		80.4

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 10/22/2024 12:38 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	
8/14/2023	98	
2/19/2024		107
8/11/2024		162

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 10/22/2024 12:38 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	
8/14/2023	107	
2/19/2024		193
8/11/2024		145

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 10/22/2024 12:38 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	
8/14/2023	266	
2/19/2024		370
8/10/2024		287

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 10/22/2024 12:38 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 (o)	
2/1/2017	615 (o)	
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	
8/14/2023	341	
2/19/2024		380
8/11/2024		419

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 10/22/2024 12:38 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-4	GWA-4
3/22/2016	686 (o)	
5/17/2016	533	
7/6/2016	646 (o)	
9/7/2016	493	
10/18/2016	455	
12/6/2016	597 (o)	
2/1/2017	638 (o)	
3/24/2017	579 (o)	
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	
8/14/2023	429	
2/19/2024		433
8/11/2024		456

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 10/22/2024 12:38 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	
8/14/2023	162	
2/19/2024		198
8/11/2024		170

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 10/22/2024 12:38 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	
8/15/2023	193	
2/20/2024		250
8/12/2024		242

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 10/22/2024 12:38 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	
8/15/2023	227	
2/20/2024		306
8/12/2024		236

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 10/22/2024 12:38 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	
8/15/2023	291	
2/20/2024		369
8/11/2024		312

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 10/22/2024 12:38 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)	
8/15/2023	152	
2/20/2024		126
8/11/2024		181

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 10/22/2024 12:38 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	
8/15/2023	212	
2/20/2024		220
8/11/2024		219

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 10/22/2024 12:38 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	
8/14/2023	163	
2/20/2024		263
8/12/2024		189

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 10/22/2024 12:38 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	
8/15/2023	428	
2/20/2024		407
8/12/2024		401

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 10/22/2024 12:38 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	
8/14/2023	368	
2/21/2024		275
8/12/2024		376

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 10/22/2024 12:38 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	
8/15/2023	267	
2/21/2024		310
8/11/2024		293

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 10/22/2024 12:38 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	
8/15/2023	280	
2/21/2024		<25
8/11/2024		327

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 10/22/2024 12:38 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	
8/15/2023	246	
2/20/2024		301
8/11/2024		256

FIGURE H.

Appendix III Interwell Prediction Limits - Two-Step - Significant Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 10/22/2024, 12:40 PM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg</u>	<u>NBg</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>%NDs</u>	<u>ND Adj.</u>	<u>TransformAlpha</u>	<u>Method</u>
Chloride (mg/L)	GWC-21	8.5	n/a	8/11/2024	10	Yes	115	n/a		n/a	0	n/a	n/a	0.0001489 NP Inter (normality) 1 of 2

Appendix III Interwell Prediction Limits - Two-Step - All Results

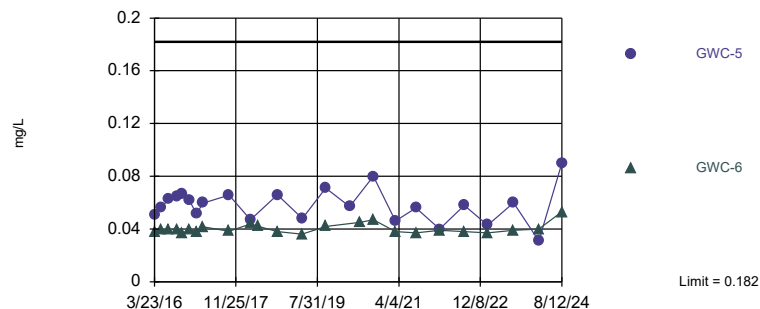
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 10/22/2024, 12:40 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bq	NBq	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWC-5	0.182	n/a	8/12/2024	0.09	No	115	n/a	n/a	2.609	n/a	n/a	0.0001489	NP Inter (normality) 1 of 2	
Boron (mg/L)	GWC-6	0.182	n/a	8/12/2024	0.053	No	115	n/a	n/a	2.609	n/a	n/a	0.0001489	NP Inter (normality) 1 of 2	
Chloride (mg/L)	GWC-21	8.5	n/a	8/11/2024	10	Yes	115	n/a	n/a	0	n/a	n/a	0.0001489	NP Inter (normality) 1 of 2	
Sulfate (mg/L)	GWC-19	302.3	n/a	8/12/2024	24	No	113	n/a	n/a	0	n/a	n/a	0.0001546	NP Inter (normality) 1 of 2	

Within Limit

Prediction Limit

Interwell Non-parametric



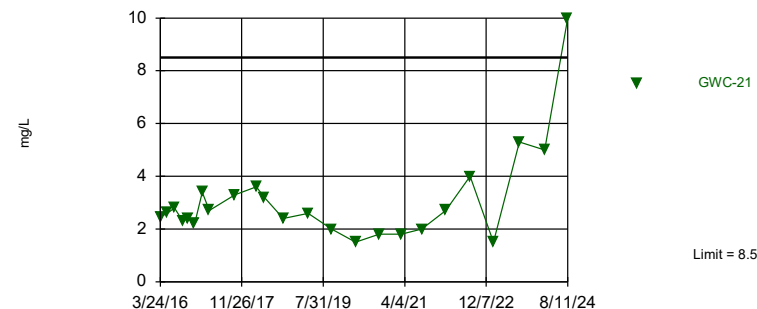
Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 115 background values. 2.609% NDs. Annual per-constituent alpha = 0.003567. Individual comparison alpha = 0.0001489 (1 of 2). Comparing 2 points to limit. Assumes 10 future values.

Constituent: Boron Analysis Run 10/22/2024 12:39 PM View: Appendix III - Two-Step
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Exceeds Limit: GWC-21

Prediction Limit

Interwell Non-parametric



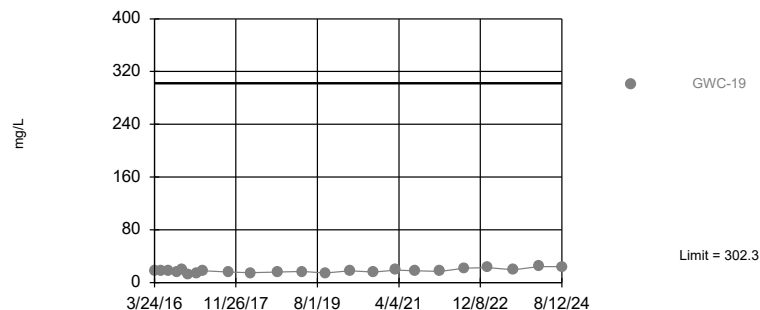
Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 115 background values. Annual per-constituent alpha = 0.003567. Individual comparison alpha = 0.0001489 (1 of 2). Assumes 11 future values.

Constituent: Chloride Analysis Run 10/22/2024 12:39 PM View: Appendix III - Two-Step
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 113 background values. Annual per-constituent alpha = 0.003705. Individual comparison alpha = 0.0001546 (1 of 2). Assumes 11 future values.

Constituent: Sulfate Analysis Run 10/22/2024 12:39 PM View: Appendix III - Two-Step
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 10/22/2024 12:40 PM View: Appendix III - Two-Step

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-11 (bg)	GWA-4 (bg)	GWA-3 (bg)	GWA-2 (bg)	GWC-6	GWC-5
3/22/2016	<0.04	0.04 (J)	0.0815 (J)	0.135	0.0828 (J)		
3/23/2016						0.0379 (J)	0.0509 (J)
5/17/2016	<0.04	0.0358 (J)	0.0838 (J)	0.132	0.0844 (J)	0.0395 (J)	0.0565 (J)
7/5/2016	0.0419 (J)			0.161	0.0962 (J)		
7/6/2016		0.0373 (J)	0.111			0.0393 (J)	0.0628 (J)
9/7/2016	0.0174 (J)	0.0352 (J)	0.107	0.163	0.0884 (J)	0.04 (J)	0.0648 (J)
10/18/2016	0.0192 (J)	0.0332 (J)	0.118	0.154	0.0889 (J)	0.0366 (J)	0.0666 (J)
12/6/2016	0.0182 (J)	0.033 (J)	0.106	0.142			
12/7/2016					0.0954		
12/8/2016						0.0397 (J)	0.062
1/31/2017	0.0193 (J)				0.0939		
2/1/2017		0.0365 (J)	0.0949	0.143		0.0381 (J)	0.0516
3/23/2017	0.0192 (J)			0.15	0.0869	0.0416	0.0597
3/24/2017		0.0343 (J)	0.0887				
10/4/2017	0.0199 (J)		0.105	0.182	0.0914	0.0382 (J)	0.0658
10/5/2017		0.0325 (J)					
3/14/2018	0.019 (J)				0.075		
3/15/2018		0.037 (J)	0.043	0.14			
3/16/2018						0.044	0.047
5/16/2018						0.042	
10/4/2018	0.021 (J)	0.035 (J)	0.1	0.16	0.082	0.038 (J)	0.066
4/5/2019				0.12			
4/8/2019	0.019 (J)	0.034 (J)	0.057 (J)		0.071 (J)	0.036 (J)	
4/9/2019							0.048
9/30/2019	0.025 (J)	0.039 (J)	0.11	0.17	0.084		
10/1/2019						0.042	0.071
3/26/2020	0.022 (J)	0.041 (J)	0.086 (J)	0.14	0.092 (J)		
3/31/2020						0.091 (Jo)	0.057 (J)
6/18/2020						0.045 (JR)	
9/21/2020					0.086 (J)		
9/22/2020		0.038 (J)					
9/23/2020	0.047 (J)		0.087 (J)	0.15			
9/25/2020						0.047 (J)	0.08 (J)
3/8/2021	0.021 (J)	0.042	0.089	0.13			
3/9/2021					0.081	0.038 (J)	0.046
8/9/2021	0.021 (J)		0.073	0.14	0.085		
8/10/2021		0.034 (J)				0.037 (J)	0.056
2/4/2022	0.018 (J)	0.037 (J)	0.06	0.094	0.083	0.039 (J)	0.04
8/8/2022	0.026 (J)	0.035 (J)	0.077	0.15	0.087	0.038 (J)	
8/9/2022							0.058
1/30/2023	0.026 (J)	0.038 (J)	0.058	0.094	0.086		
1/31/2023						0.037 (J)	0.043
8/14/2023	0.049	0.038 (J)	0.082	0.15	0.097	0.039 (J)	
8/15/2023							0.06
2/19/2024	0.03 (J)	0.028 (J)	0.059	0.082	0.083		
2/20/2024							0.031 (J)
2/21/2024						0.04	
8/10/2024					0.072		
8/11/2024	<0.04	0.045	0.074	0.13			
8/12/2024						0.053	0.09

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 10/22/2024 12:40 PM View: Appendix III - Two-Step

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-4 (bg)	GWA-2 (bg)	GWA-11 (bg)	GWA-3 (bg)	GWC-21
3/22/2016	1.1933	5.549	2.0975	1.3137	4.0352	
3/24/2016						2.461
5/17/2016	1.14	6.74	2.1	1.29	3.81	
5/18/2016						2.61
7/5/2016	1.4		2.4		4	
7/6/2016		5.2		1.6		
7/7/2016						2.8
9/7/2016	1	7.2	2.5	1.5	4.2	
9/8/2016						2.3
10/18/2016	1.1	7.4	2.7	1.6	4.4	
10/19/2016						2.4
12/6/2016	1	7.6		1.2	4.6	
12/7/2016			2.6			2.2
1/31/2017	1.2		2.5			
2/1/2017		8.5		2.1	3.7	
2/2/2017						3.4
3/23/2017	1.1		2		3.5	
3/24/2017		7		1.3		
3/27/2017						2.7
10/4/2017	1.1	7.4	2.2		3.6	
10/5/2017				1.3		3.3
3/14/2018	1.2		2.4			
3/15/2018		1.7		1.6	3.8	3.6
5/15/2018						3.2
10/4/2018	1.4	6.1	2.5	1.8	3.4	2.4
4/5/2019					4.2	
4/8/2019	1.1	3.6	2.6	1.3		
4/9/2019						2.6
9/30/2019	1.4	7.5	3	1.5	4.1	
10/1/2019						2
3/26/2020	1.1	5.4	2	1.4	2.6	
3/31/2020						1.5
9/21/2020			2.1			
9/22/2020				1		
9/23/2020	1.6	4.2			2.8	
9/24/2020						1.8
3/8/2021	1.1	5.6		1.3	2.8	
3/9/2021			2.1			1.8
8/9/2021	1.1	3	2.4		2.1	
8/10/2021				1.2		2
2/4/2022	0.99 (J)	3.3 (M1)	2.3	1.2	1.1	
2/7/2022						2.7
8/8/2022	1.2	2.4	2.5	1.3	1.9	
8/9/2022						4
1/30/2023	1.1	3.4	2.2	1.2	1.2	
1/31/2023						1.5
8/14/2023	0.99 (J)	2.5	2.2	1	1.3	
8/15/2023						5.3
2/19/2024	1.2	3.6	2.3	1.2	1.2	
2/20/2024						5
8/10/2024			2.6			
8/11/2024	1.1	3.6		1.3	1.5	10

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 10/22/2024 12:40 PM View: Appendix III - Two-Step

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-4 (bg)	GWA-3 (bg)	GWA-11 (bg)	GWA-2 (bg)	GWC-19
3/22/2016	4.4409	302.2975	107.476	11.6823	13.0789	
3/24/2016						16.8473
5/17/2016	4.43	213	106	11.4	15.3	
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	13	16	
9/8/2016						16
10/18/2016	4.7	120	110	13	16	19
12/6/2016	4.7	210	220 (o)	12		
12/7/2016					15	13
1/31/2017	5.1				13	
2/1/2017		200	190 (o)	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	15.6	17.4	15.9
4/5/2019			131			
4/8/2019	4.6	248		13.2	18.1	
4/9/2019						16.7
9/30/2019	4.9	117	118	11.5	17.5	
10/1/2019						14.7
3/26/2020	5	128	95.8	10.8	15.6	
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	10.4	21.1	
2/7/2022						16.9
8/8/2022	4.1	116	78.9	10.2	23.3	
8/9/2022						21.9
1/30/2023	3.8	156	78.4	9.5	19.8	
1/31/2023						22.8
8/14/2023	3.9	122	72.3	8.9	23.4	
8/15/2023						19.1
2/19/2024	5.1	138	103	9.9	23.7	
2/20/2024						24.3
8/10/2024					33.1	
8/11/2024	3.9	116	87.2	9.3		
8/12/2024						24

FIGURE I.

Appendix III Trend Tests - Significant Results

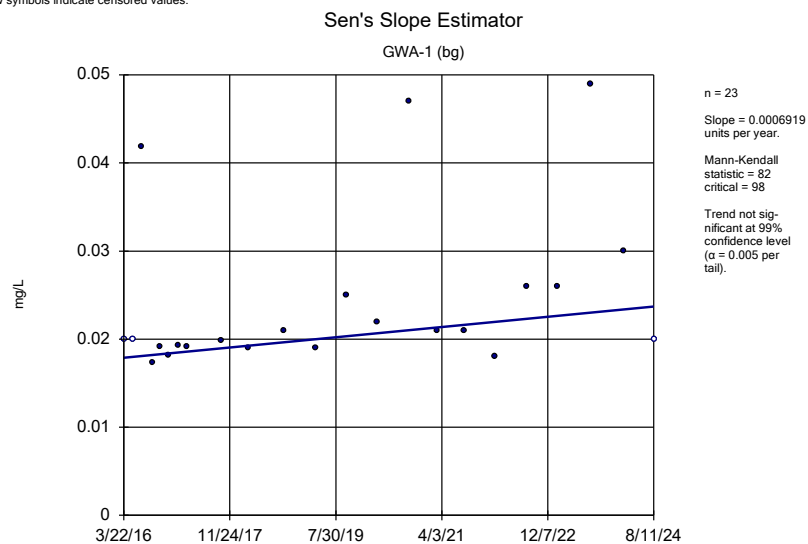
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 10/22/2024, 12:41 PM

<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>Alpha</u>	<u>Method</u>
Boron (mg/L)	GWA-4 (bg)	-0.004164	-99	-98	Yes	23	0	n/a	0.01	NP
Chloride (mg/L)	GWA-3 (bg)	-0.365	-162	-98	Yes	23	0	n/a	0.01	NP
Chloride (mg/L)	GWA-4 (bg)	-0.4919	-101	-98	Yes	23	0	n/a	0.01	NP
Sulfate (mg/L)	GWA-11 (bg)	-0.3675	-127	-98	Yes	23	0	n/a	0.01	NP
Sulfate (mg/L)	GWA-2 (bg)	1.254	164	98	Yes	23	0	n/a	0.01	NP
Sulfate (mg/L)	GWA-3 (bg)	-4.293	-89	-87	Yes	21	0	n/a	0.01	NP
Sulfate (mg/L)	GWA-4 (bg)	-10.5	-115	-98	Yes	23	0	n/a	0.01	NP

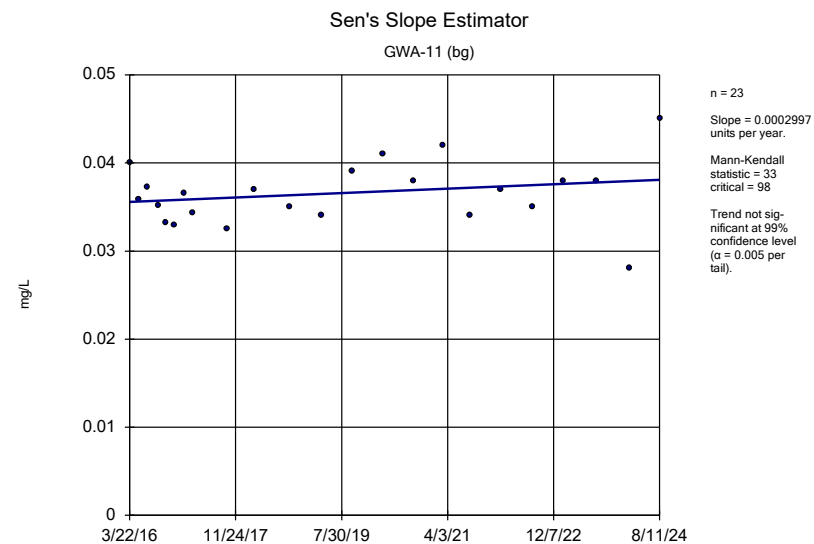
Appendix III Trend Tests - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 10/22/2024, 12:42 PM

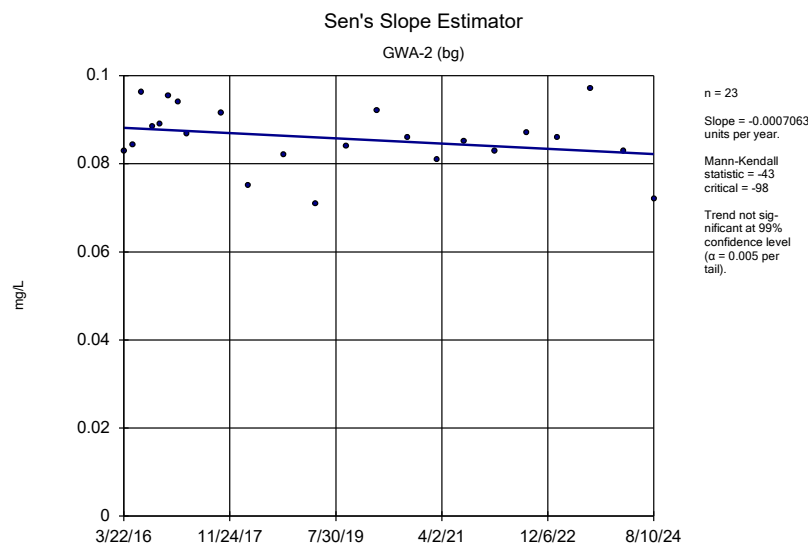
<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Normality</u>	<u>Alpha</u>	<u>Method</u>
Boron (mg/L)	GWA-1 (bg)	0.0006919	82	98	No	23	13.04	n/a	0.01	NP
Boron (mg/L)	GWA-11 (bg)	0.0002997	33	98	No	23	0	n/a	0.01	NP
Boron (mg/L)	GWA-2 (bg)	-0.0007063	-43	-98	No	23	0	n/a	0.01	NP
Boron (mg/L)	GWA-3 (bg)	-0.003172	-74	-98	No	23	0	n/a	0.01	NP
Boron (mg/L)	GWA-4 (bg)	-0.004164	-99	-98	Yes	23	0	n/a	0.01	NP
Boron (mg/L)	GWC-5	-0.0008927	-27	-98	No	23	0	n/a	0.01	NP
Boron (mg/L)	GWC-6	0.0001432	27	105	No	24	0	n/a	0.01	NP
Chloride (mg/L)	GWA-1 (bg)	0	-20	-98	No	23	0	n/a	0.01	NP
Chloride (mg/L)	GWA-11 (bg)	-0.03378	-89	-98	No	23	0	n/a	0.01	NP
Chloride (mg/L)	GWA-2 (bg)	0	9	98	No	23	0	n/a	0.01	NP
Chloride (mg/L)	GWA-3 (bg)	-0.365	-162	-98	Yes	23	0	n/a	0.01	NP
Chloride (mg/L)	GWA-4 (bg)	-0.4919	-101	-98	Yes	23	0	n/a	0.01	NP
Chloride (mg/L)	GWC-21	0.08527	21	105	No	24	0	n/a	0.01	NP
Sulfate (mg/L)	GWA-1 (bg)	-0.04047	-29	-98	No	23	0	n/a	0.01	NP
Sulfate (mg/L)	GWA-11 (bg)	-0.3675	-127	-98	Yes	23	0	n/a	0.01	NP
Sulfate (mg/L)	GWA-2 (bg)	1.254	164	98	Yes	23	0	n/a	0.01	NP
Sulfate (mg/L)	GWA-3 (bg)	-4.293	-89	-87	Yes	21	0	n/a	0.01	NP
Sulfate (mg/L)	GWA-4 (bg)	-10.5	-115	-98	Yes	23	0	n/a	0.01	NP
Sulfate (mg/L)	GWC-19	0.7192	95	98	No	23	0	n/a	0.01	NP



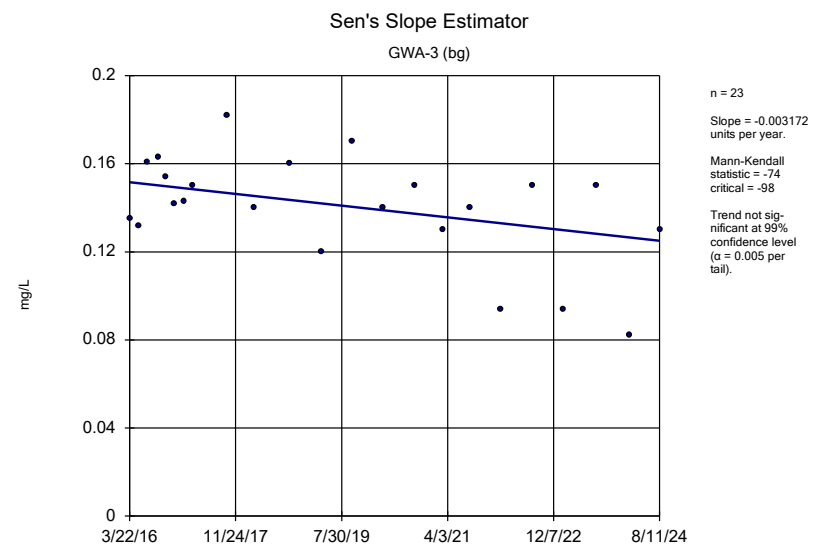
Constituent: Boron Analysis Run 10/22/2024 12:41 PM View: Appendix III - Trend Tests
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill



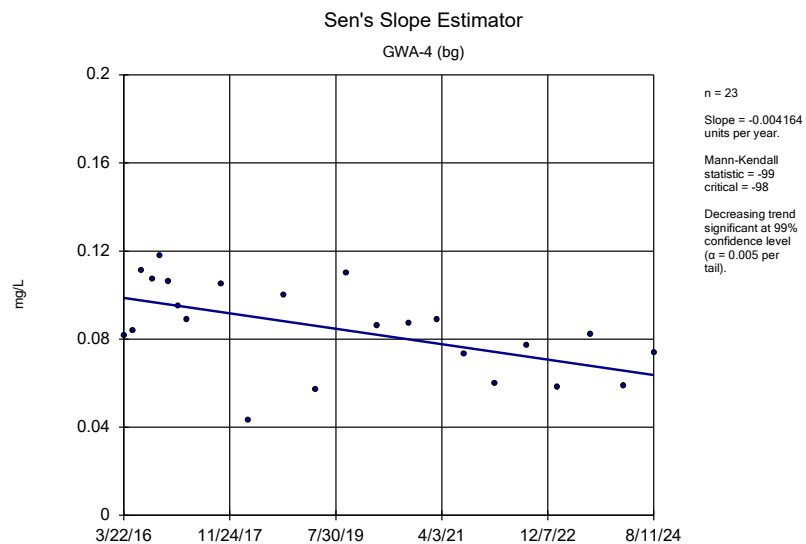
Constituent: Boron Analysis Run 10/22/2024 12:41 PM View: Appendix III - Trend Tests
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill



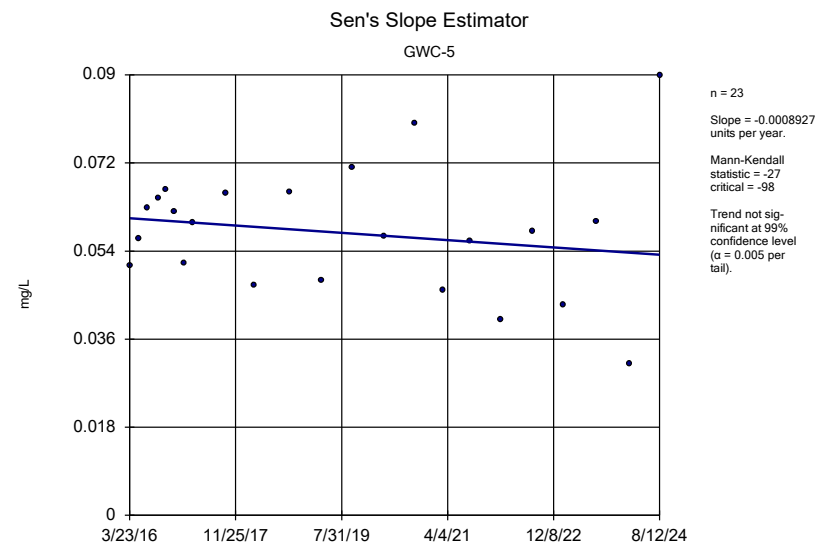
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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill



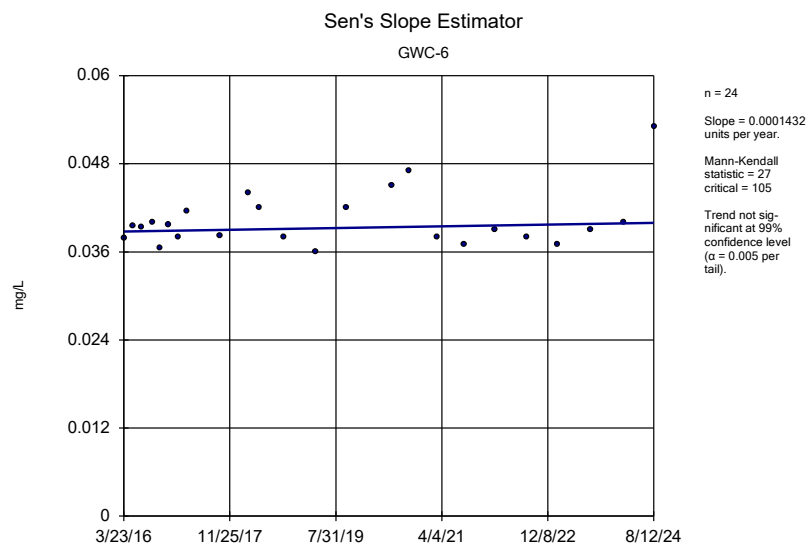
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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill



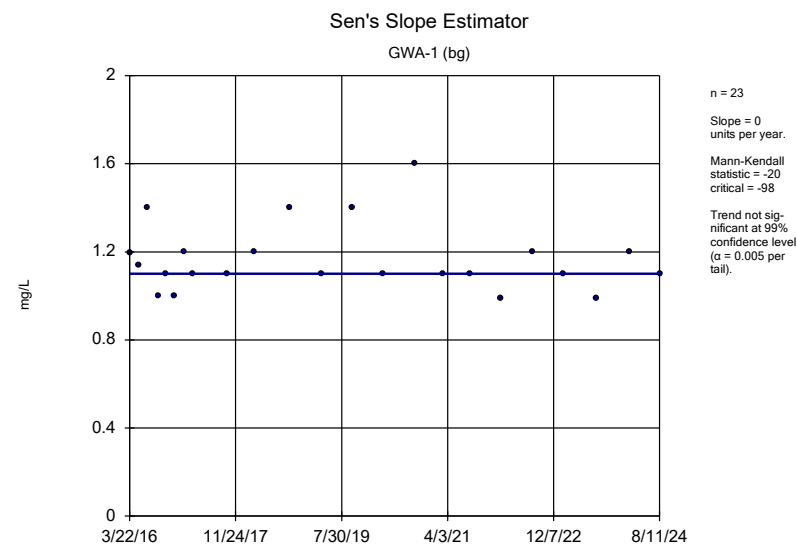
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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill



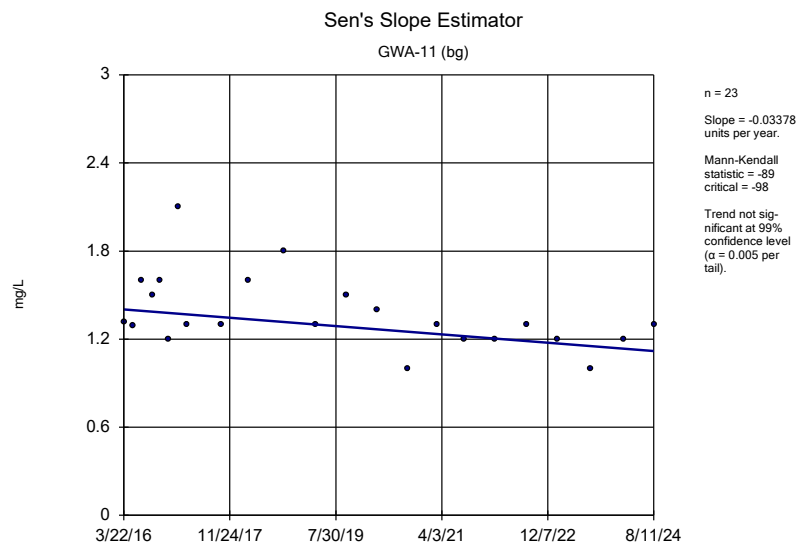
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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill



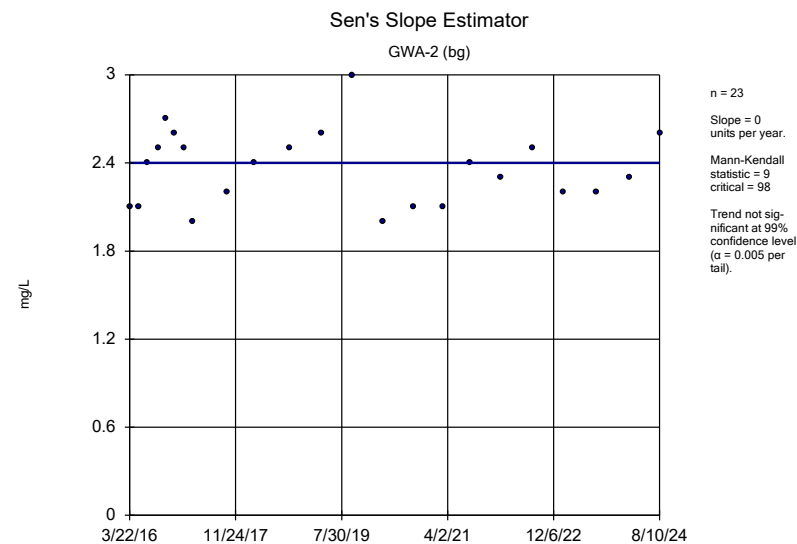
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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill



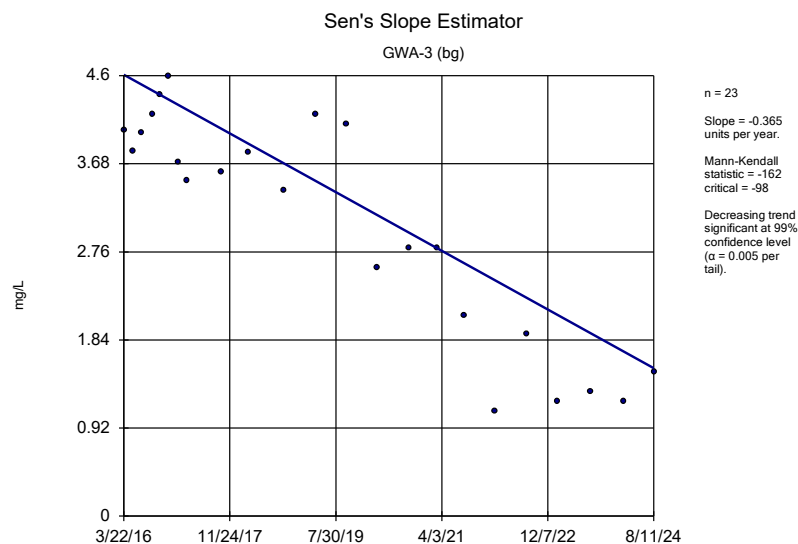
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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill



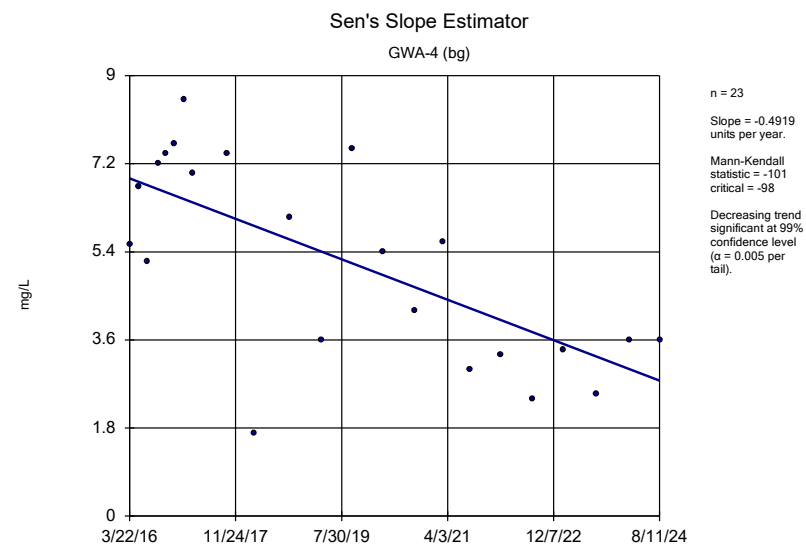
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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill



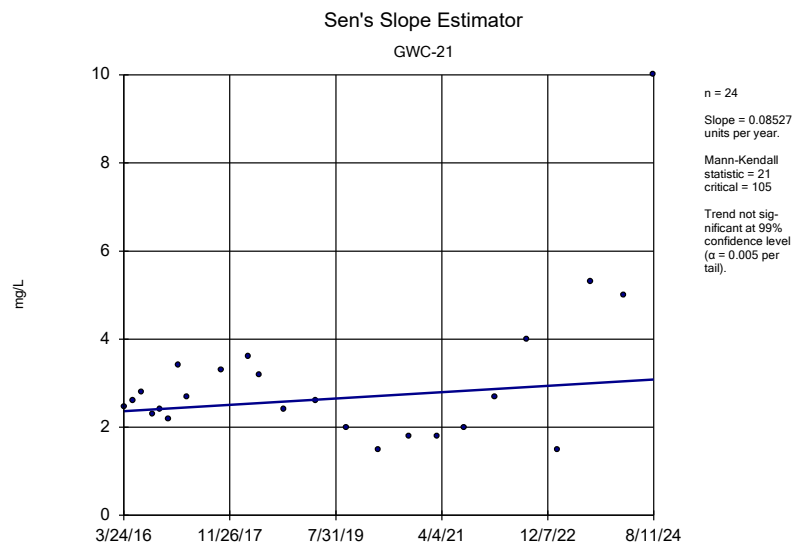
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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill



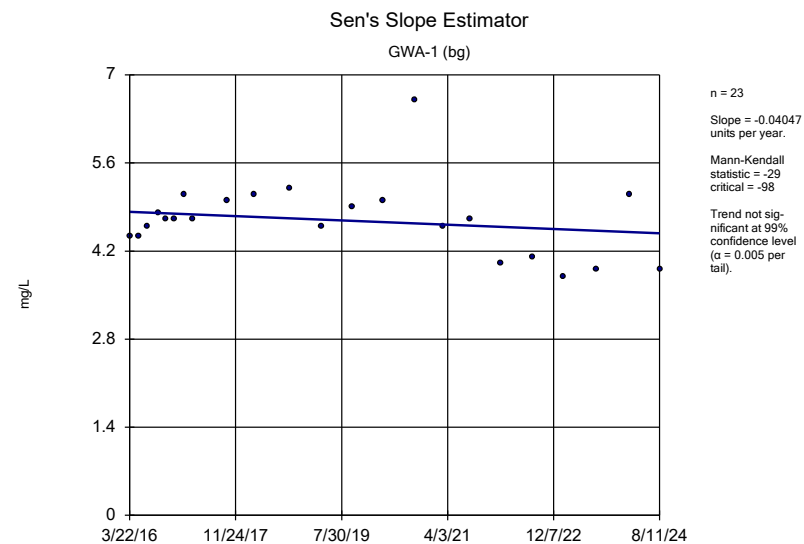
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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill



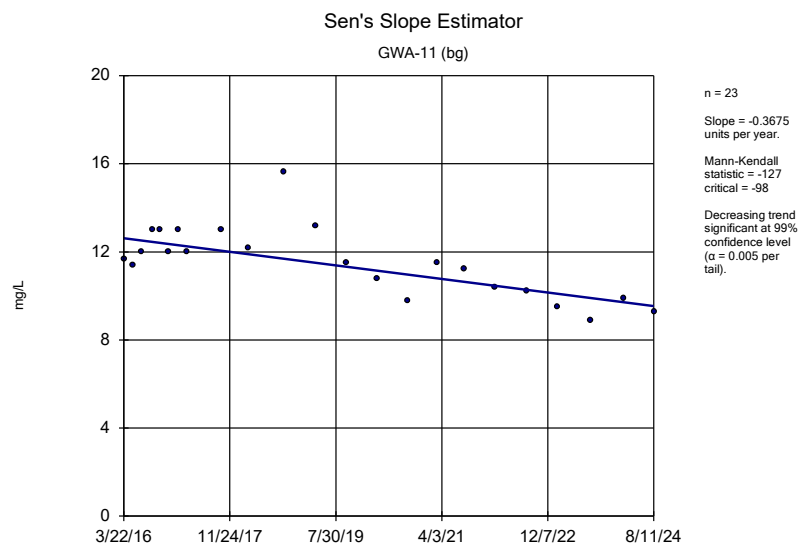
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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill



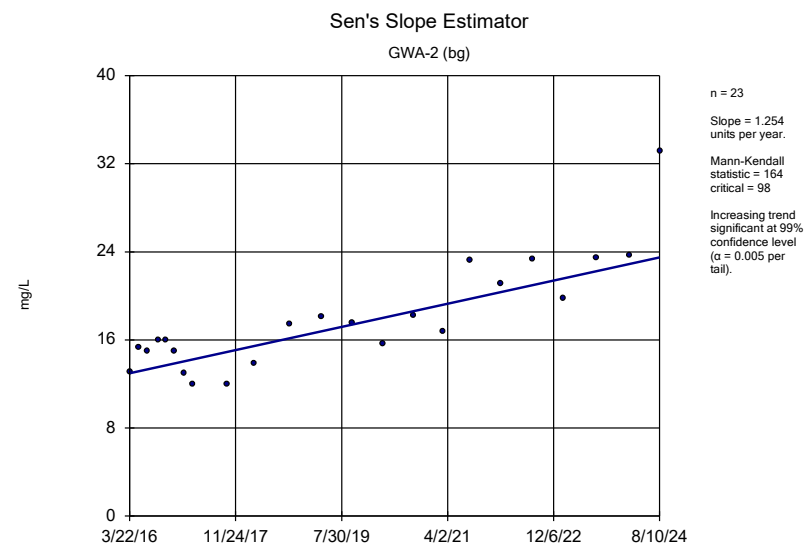
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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill



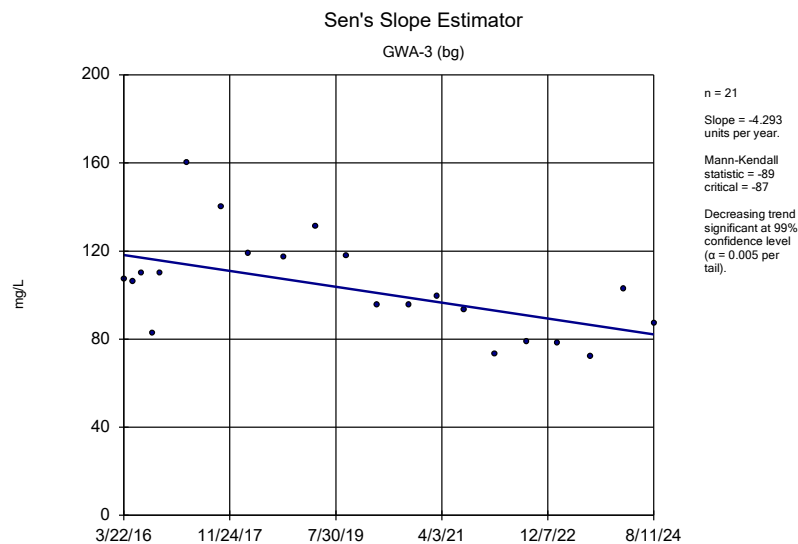
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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill



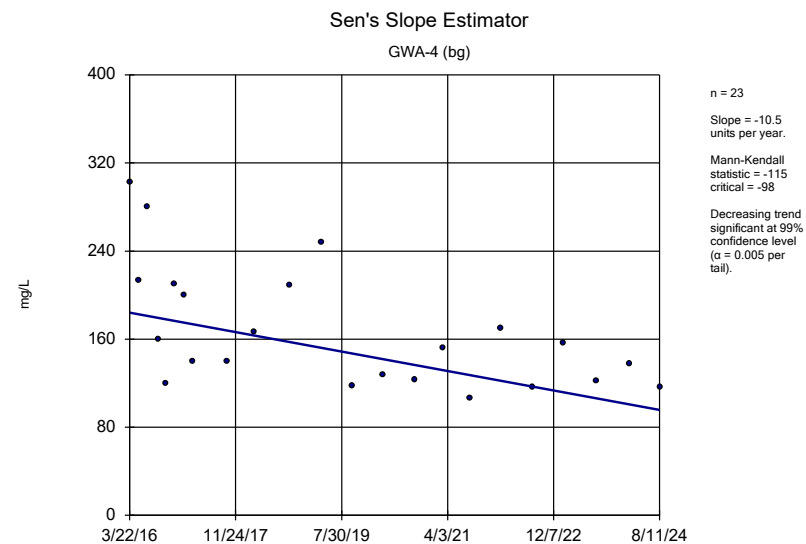
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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill



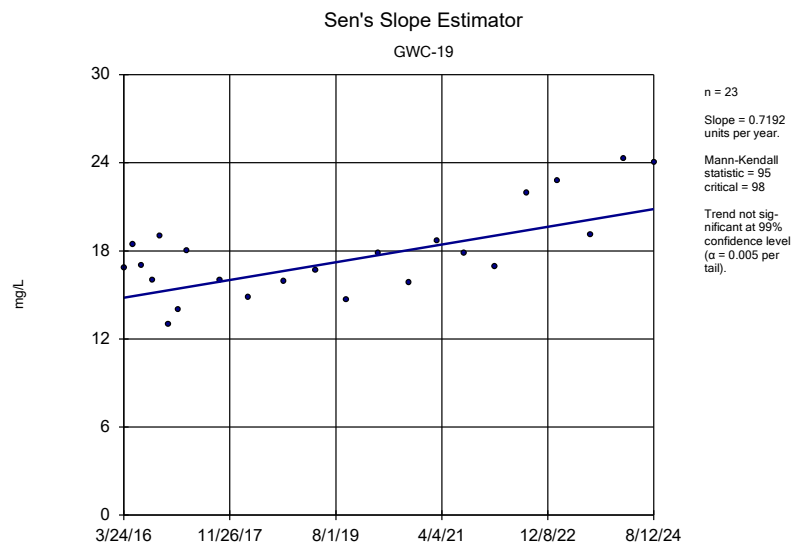
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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill



Constituent: Sulfate Analysis Run 10/22/2024 12:41 PM View: Appendix III - Trend Tests
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill



Constituent: Sulfate Analysis Run 10/22/2024 12:41 PM View: Appendix III - Trend Tests
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill



Constituent: Sulfate Analysis Run 10/22/2024 12:41 PM View: Appendix III - Trend Tests
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

FIGURE J.

Appendix III Intrawell Prediction Limits - Resample Results (All Significant)

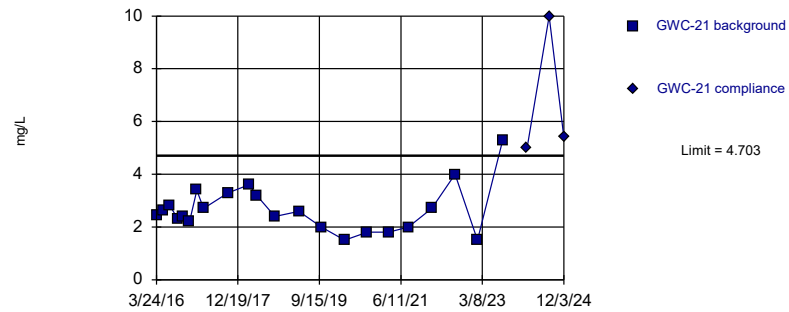
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 12/12/2024, 1:22 PM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg</u>	<u>NBg</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>%NDs</u>	<u>ND Adj.</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Chloride (mg/L)	GWC-21	4.703	n/a	12/3/2024	5.4	Yes	22	2.662		0.886	0	None	No	0.0006269	Param Intra 1 of 2

Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=2.662, Std. Dev.=0.886, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9093, critical = 0.878. Kappa = 2.303 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 12/12/2024 1:21 PM View: Appendix III - Resample
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 12/12/2024 1:22 PM View: Appendix III - Resample
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	
8/15/2023	5.3	
2/20/2024		5
8/11/2024		10
12/3/2024		5.4 (R)

FIGURE K.

Appendix III Interwell Prediction Limits - Two-Step - Resample Results (No Significant)

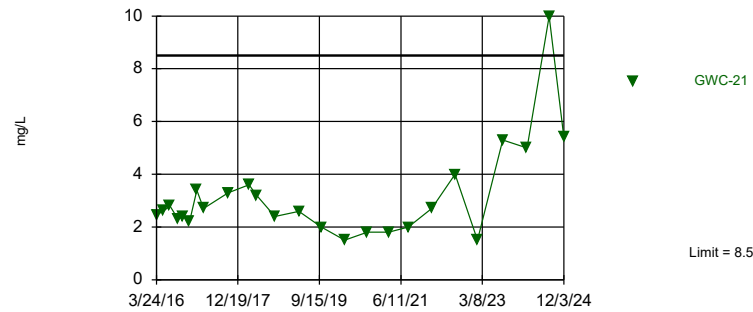
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 12/12/2024, 1:24 PM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg</u>	<u>NBg Mean</u>	<u>Std. Dev.</u>	<u>%NDs</u>	<u>ND Adj.</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Chloride (mg/L)	GWC-21	8.5	n/a	12/3/2024	5.4	No	115	n/a	n/a	0	n/a	n/a	0.0001489	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 115 background values. Annual per-constituent alpha = 0.003567. Individual comparison alpha = 0.0001489 (1 of 2). Assumes 11 future values.

Constituent: Chloride Analysis Run 12/12/2024 1:23 PM View: Appendix III - Two-Step Resample
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 12/12/2024 1:24 PM View: Appendix III - Two-Step Resample

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-4 (bg)	GWA-2 (bg)	GWA-11 (bg)	GWA-3 (bg)	GWC-21
3/22/2016	1.1933	5.549	2.0975	1.3137	4.0352	
3/24/2016						2.461
5/17/2016	1.14	6.74	2.1	1.29	3.81	
5/18/2016						2.61
7/5/2016	1.4		2.4		4	
7/6/2016		5.2		1.6		
7/7/2016						2.8
9/7/2016	1	7.2	2.5	1.5	4.2	
9/8/2016						2.3
10/18/2016	1.1	7.4	2.7	1.6	4.4	
10/19/2016						2.4
12/6/2016	1	7.6		1.2	4.6	
12/7/2016			2.6			2.2
1/31/2017	1.2		2.5			
2/1/2017		8.5		2.1	3.7	
2/2/2017						3.4
3/23/2017	1.1		2		3.5	
3/24/2017		7		1.3		
3/27/2017						2.7
10/4/2017	1.1	7.4	2.2		3.6	
10/5/2017				1.3		3.3
3/14/2018	1.2		2.4			
3/15/2018		1.7		1.6	3.8	3.6
5/15/2018						3.2
10/4/2018	1.4	6.1	2.5	1.8	3.4	2.4
4/5/2019					4.2	
4/8/2019	1.1	3.6	2.6	1.3		
4/9/2019						2.6
9/30/2019	1.4	7.5	3	1.5	4.1	
10/1/2019						2
3/26/2020	1.1	5.4	2	1.4	2.6	
3/31/2020						1.5
9/21/2020			2.1			
9/22/2020				1		
9/23/2020	1.6	4.2			2.8	
9/24/2020						1.8
3/8/2021	1.1	5.6		1.3	2.8	
3/9/2021			2.1			1.8
8/9/2021	1.1	3	2.4		2.1	
8/10/2021				1.2		2
2/4/2022	0.99 (J)	3.3 (M1)	2.3	1.2	1.1	
2/7/2022						2.7
8/8/2022	1.2	2.4	2.5	1.3	1.9	
8/9/2022						4
1/30/2023	1.1	3.4	2.2	1.2	1.2	
1/31/2023						1.5
8/14/2023	0.99 (J)	2.5	2.2	1	1.3	
8/15/2023						5.3
2/19/2024	1.2	3.6	2.3	1.2	1.2	
2/20/2024						5
8/10/2024			2.6			
8/11/2024	1.1	3.6		1.3	1.5	10

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 12/12/2024 1:24 PM View: Appendix III - Two-Step Resample
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

12/3/2024	GWA-1 (bg)	GWA-4 (bg)	GWA-2 (bg)	GWA-11 (bg)	GWA-3 (bg)	GWC-21
						5.4 (R)