



Prepared for

Georgia Power Company
241 Ralph McGill Blvd NE
Atlanta, Georgia 30308

2022 SEMIANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT

PLANT HAMMOND HUFFAKER ROAD LANDFILL

Prepared by

Geosyntec 
consultants

engineers | scientists | innovators

1255 Roberts Boulevard, Suite 200
Kennesaw, Georgia 30144

Project Number GW6581B

August 2022

CERTIFICATION STATEMENT

This 2022 *Semiannual Groundwater Monitoring and Corrective Action Report, Plant Hammond Huffaker Road Landfill* has been prepared in accordance with the United States Environmental Protection Agency Coal Combustion Residual Rule [40 Code of Federal Regulations 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. I hereby certify that I am a qualified groundwater scientist, in accordance with the Georgia Rules of Solid Waste Management, and 40 CFR Part 258.50(g).



Whitney Law

Georgia Professional Engineer No. 36641

August 31, 2022

Date

SUMMARY

This summary of the *2022 Semiannual Groundwater Monitoring and Corrective Action Report* provides the status of groundwater monitoring and corrective action program for the reporting period of January through July 2022 (referred to herein as the 2022 semiannual reporting period) at Georgia Power Company's (Georgia Power's) Plant Hammond Huffaker Road Landfill (the landfill or the site). This summary was prepared by Geosyntec Consultants, Inc. (Geosyntec) on behalf of Georgia Power to meet the requirements listed in Part A, Section 6¹ of the United States Environmental Protection Agency (USEPA) Coal Combustion Residual Rule (federal CCR Rule) (40 Code of Federal Regulations [CFR] 257 Subpart D).

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



Plant Hammond Huffaker Road Landfill

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

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

prior to disposal activities, and continues to date. Routine sampling and reporting in accordance with the federal CCR Rule began after the background groundwater conditions were established between March 2016 to March 2017. Based on groundwater conditions at the landfill, a detection monitoring program has been established since October 2017. During the 2022 semiannual reporting period, the site remained in detection monitoring.

During the 2022 semiannual reporting period, Geosyntec conducted one groundwater sampling event in February 2022. Groundwater samples were submitted to Pace Analytical Services, LLC, for analysis. Per the federal CCR Rule, groundwater results for February 2022 data 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 2022 semiannual reporting period, the site will continue in detection monitoring. Georgia Power will continue routine groundwater monitoring and reporting at the landfill. Reports will be posted to the website and provided to GA EPD semiannually.

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

TABLE OF CONTENTS

SUMMARY..... ii

1.0 INTRODUCTION 1

 1.1 Site Description and Background 1

 1.2 Regional Geology and Hydrogeologic Setting 2

 1.3 Groundwater Monitoring Well Network 3

 1.4 Landfill Underdrain Monitoring Point 3

2.0 GROUNDWATER MONITORING ACTIVITIES 5

 2.1 Monitoring Well Installation and Maintenance 5

 2.2 Detection Monitoring 5

3.0 SAMPLE METHODOLOGY AND ANALYSIS 6

 3.1 Groundwater Level Measurement 6

 3.2 Groundwater Gradient and Flow Velocity 6

 3.3 Groundwater Sampling Procedures 8

 3.4 Laboratory Analyses 8

 3.5 Quality Assurance and Quality Control 9

4.0 STATISTICAL ANALYSES 10

 4.1 Statistical Methods 10

 4.1.1 Statistical Methods – Appendix III Constituents 11

 4.1.2 Statistical Methods – Appendix I D&O Constituents 11

 4.2 Statistical Analysis Results 11

 4.2.1 February 2022 Semiannual Event 12

5.0 MONITORING PROGRAM STATUS 13

6.0 CONCLUSIONS AND FUTURE ACTIONS 14

7.0 REFERENCES 15

LIST OF TABLES

Table 1	Monitoring Well Network Summary
Table 2	Groundwater Sampling Event Summary
Table 3	Summary of Groundwater Elevations
Table 4	Horizontal Groundwater Gradient and Flow Velocity Calculations
Table 5	Summary of Groundwater Analytical Data

LIST OF FIGURES

Figure 1	Site Location Map
Figure 2	Monitoring Well Network Map
Figure 3	Potentiometric Surface Contour Map – February 2022

LIST OF APPENDICES

Appendix A	Well Maintenance and Repair Documentation Memorandum
Appendix B	Analytical Laboratory Results and Field Sampling Forms
Appendix C	Background Update and Statistical Analysis Report

LIST OF ACRONYMS

ASD	Alternate Source Demonstration
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
mg/L	milligram per liter
n_e	effective porosity
NELAP	National Environmental Laboratory Accreditation Program
NTU	nephelometric turbidity unit
ORP	oxidation reduction potential
Pace Analytical	Pace Analytical Services, LLC.
PE	professional engineer
PL	prediction limit
QA/QC	Quality Assurance/Quality Control
SAR	Site Acceptability Report
SCS	Southern Company Services
SSI	statistically significant increase
s.u.	standard unit
TDS	total dissolved solids
Unified Guidance	Statistical Analysis of Groundwater Data at RCRA Facilities Unified Guidance
USEPA	United States Environmental Protection Agency

1.0 INTRODUCTION

Groundwater monitoring is currently conducted at the Georgia Power Company (Georgia Power) Plant Hammond, Huffaker Road Landfill (the landfill or the site) to comply with the landfill's Solid Waste permit number 057-022D (LI), as issued by the Georgia Environmental Protection Division (GA EPD), and in accordance with Georgia Solid Waste Management Rules for Groundwater Monitoring and Corrective Action of a municipal solid waste landfill, Rule 391-3-4.14. The landfill is also subject to the United States Environmental Protection Agency (USEPA) Coal Combustion Residual Rule (federal CCR Rule) [40 Code of Federal Regulations (CFR) 257 Subpart D] and the GA EPD Rules for Solid Waste Management 391-3-4-.10. Geosyntec Consultants, Inc. (Geosyntec) has prepared this *2022 Semiannual Groundwater Monitoring and Corrective Action Report* to document groundwater monitoring activities at Georgia Power Plant Hammond Huffaker Road Landfill. This report documents groundwater monitoring activities completed for the landfill through July 2022 (referred to herein as the 2022 semiannual reporting period). This report satisfies the reporting requirements of applicable federal and state CCR Rule [§ 257.90(e), 391-3-4-.10] and GA EPD Solid Waste Management Rules (391-3-4-.14). For ease of reference when discussing aspects of the CCR Rule, only the federal CCR Rule is cited within this report.

1.1 Site Description and Background

The Huffaker Road 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 and D 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 (ERM, 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.

A groundwater monitoring plan was developed as part of the landfill's pre-construction Design and Operations (D&O) Plan and approved in September 2004 with subsequent modifications submitted to GA EPD in September 2005, April 2009, and May 2013. Groundwater monitoring in accordance with the D&O Plan began in 2007, prior to disposal activities, and continues to date.

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

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

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

1.2 Regional Geology and Hydrogeologic Setting

The regional geology was summarized in the Southern Company Services (SCS) prepared Site Acceptability Report (SAR) (SCS, 2002) based on the work of Cressler (1970). The landfill is located in the Floyd Shale member of the Judy Mountain Syncline. The Floyd Shale is Mississippian in age and ranges from 200 to 1,200 feet thick in Floyd County. The unit is composed of clay and shale, transitioning to limestone at its base.

Boring logs presented in the SAR indicate sandy clayey silt and silty clay with rock fragments described as shale extending to depths of up to approximately 30 feet below

ground surface. Underlying this material is a medium gray to dark gray and dark olive gray, heavily to moderately weathered shale. Rock cores collected at the site are described as slightly weathered to unweathered, thinly bedded shale. Descriptions provided in the boring logs are representative of recorded observations on the Floyd Shale.

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

1.3 Groundwater Monitoring Well Network

The existing groundwater monitoring system meets the requirements listed in § 257.91 and 391-3-4.14; a groundwater monitoring system was installed at the landfill that consists of a sufficient number of wells installed at appropriate locations and depths to yield groundwater samples from the uppermost aquifer to represent the groundwater quality both upgradient of the unit (i.e., background conditions) and passing the waste boundary of the unit. The number, spacing, and depths of the groundwater monitoring wells were selected based on the characterization of site-specific hydrogeologic conditions. Pursuant to the § 257.91, the well network was certified by a professional engineer (PE) on October 17, 2017; the certification is maintained in the site's operating records. The locations of the compliance 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 2022

semiannual reporting period. The discharge status of the monitoring point is confirmed during each sampling event.

2.0 GROUNDWATER MONITORING ACTIVITIES

In accordance with § 257.90(e), the following describes monitoring-related activities performed during the 2022 semiannual reporting period and discusses any change in status of the monitoring program. Groundwater sampling was performed in accordance with § 257.93 and the D&O Plan.

2.1 Monitoring Well Installation and Maintenance

Monitoring wells are inspected semiannually to determine if any repairs or corrective actions are necessary to meet the requirements of the Georgia Water Well Standards Act (O.C.G.A. § 12-5-134(5)(d)(vii)). In February 2022, monitoring wells were inspected, necessary corrective actions were identified and subsequently completed, as documented in **Appendix A**. This documentation was performed under the direction of a professional geologist or engineer registered in the State of Georgia.

2.2 Detection Monitoring

Georgia Power currently monitors groundwater associated with the landfill under the detection groundwater monitoring program in accordance with federal CCR Rule § 257.94 and Solid Waste Management Rule 391-3-4-.14(22). The semiannual detection monitoring event occurred in February 2022. Groundwater samples were collected from each compliance 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 events conducted during the 2022 semiannual reporting period are discussed in Sections 3 and 4, respectively.

3.0 SAMPLE METHODOLOGY AND ANALYSIS

The following section presents a summary of the field sampling procedures that were implemented, and the groundwater sampling results that were obtained in connection with the detection monitoring program conducted at the landfill during the 2022 semiannual reporting period.

3.1 Groundwater Level Measurement

Prior to a sitewide sampling event, a synoptic round of depth to groundwater level measurements are recorded from the monitoring well network and used to calculate the corresponding groundwater elevations. Due to heavy rain and ponding water around some of the monitoring wells and resulting high water levels in corresponding wells, the synoptic round of groundwater level measurements recorded February 3, 2022, was deemed not representative. A second synoptic round of groundwater level measurements was recorded on February 11, 2022, following the sampling event, which is presented in **Table 3**. Elevations recorded on February 11, 2022, are consistent with groundwater elevations reported for prior monitoring events.

The groundwater elevation data were used to prepare a potentiometric surface map for the February 2022 D&O sampling event, which is presented on **Figure 3**. Interpretation of the potentiometric surface contours indicate that groundwater flow beneath the landfill is generally to the southeast in vicinity of Parcels A and B, and then south-southwest beneath Parcel E. These observed flow directions are consistent with previous observations.

3.2 Groundwater Gradient and Flow Velocity

The horizontal groundwater hydraulic gradient beneath the landfill was calculated using the groundwater elevation data from the February 2022 event, and between two pairs of data points located approximately along interpreted groundwater flow paths to account for changing flow directions across the site, as discussed in Section 3.1. For Parcels A and B, the horizontal hydraulic gradient was calculated between GWA-1 and GWC-7; for Parcel E, GWC-9 and GWC-19 were used for the gradient calculation in February 2022. The gradient calculations are presented in **Table 4**. The general trajectories of the flow paths used in the calculations are shown on **Figure 3**.

As presented in **Table 4**, the hydraulic gradient underneath Parcels A and B applying the February 2022 data, was calculated to be 0.022 feet per foot (ft/ft), whereas the hydraulic gradient underneath Parcel E was calculated to be 0.020 ft/ft.

The horizontal groundwater flow velocity was calculated using Darcy's Law, as follows:

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

where:

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

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

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

h_1 and h_2 = Groundwater elevation at location 1 and 2

L = distance between location 1 and 2

n_e = Effective porosity

Prior site investigations indicate groundwater within the unconfined aquifer flows predominantly through the heavily to moderately weathered shale layer (SCS, 2002). The average hydraulic conductivity for this zone [0.248 feet per day (ft/day)] was computed from slug test data derived from five locations across the site (SCS, 2002). An estimated effective porosity of 0.20 is used for the flow rate calculation, based on interpreted values for weathered shale (Freeze/Cherry, 1979). With these variables determined, and accounting for the hydraulic gradients discussed above, the groundwater flow velocity underneath Parcels A and B was calculated to be 0.027 ft/day. Similarly, the flow velocity underneath Parcel E was calculated to be 0.024 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. The flow velocity calculations are provided in **Table 4**.

3.3 Groundwater Sampling Procedures

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

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

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

Following purging, and once stabilization was achieved, unfiltered samples were collected into appropriately preserved laboratory-supplied sample containers. Sample bottles were placed in ice-packed coolers and submitted to Pace Analytical Services, LLC. (Pace Analytical) in Peachtree Corners, Georgia following chain-of-custody protocol. The field sampling and equipment calibration forms generated during the 2022 semiannual reporting period are provided in **Appendix B**.

3.4 Laboratory Analyses

Laboratory analyses were performed by Pace Analytical, which is accredited by the National Environmental Laboratory Accreditation Program (NELAP). Pace Analytical maintains a NELAP certification for the permit specified constituents analyzed for this

project. Analytical methods used for groundwater sample analysis are listed in the analytical laboratory reports included in **Appendix B**.

The groundwater results from the 2022 semiannual detection monitoring event are summarized in **Table 5**. The Pace Analytical laboratory reports associated with these results are provided in **Appendix B**.

3.5 Quality Assurance and Quality Control

Quality assurance/quality control (QA/QC) samples were collected during the detection monitoring events at the minimum rate of one QA/QC sample per 10 groundwater samples and included the following: field duplicates, equipment blanks, and field blank samples. QA/QC samples were collected in appropriately preserved laboratory-supplied sample containers and submitted under the same chain of custody as the primary samples for analysis of the same constituents by Pace Analytical.

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

4.0 STATISTICAL ANALYSES

The following section summarizes the statistical approach applied to assess the 2022 semiannual groundwater data for potential statistically significant increases (SSIs) of permit stipulated constituents reported in downgradient compliance 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 2022 data were analyzed by Groundwater Stats Consulting (GSC).

4.1 Statistical Methods

Statistical analysis of the February 2022 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 2022 groundwater data for the D&O Appendix I constituents was performed pursuant to Rule 391-3-4-.14 and in accordance with the *Background Data Screening & Recommended Statistical Methods* report prepared by GSC (GSC, 2019) and the USEPA document *Statistical Analysis of Groundwater Data at RCRA Facilities Unified Guidance* (Unified Guidance) (USEPA, 2009). Georgia Power submitted a minor permit modification request to GA EPD to change the statistical methods from the initial D&O plan interwell statistical methods to include other methods (i.e., intrawell statistical methods) allowed by Rule 391-3-4-.10(6)(a) that may be more appropriate to the data set; the minor modification request was approved by GA EPD in a letter dated August 20, 2019 (GA EPD, 2019).

On February 26, 2021, Georgia Power submitted an additional minor modification to implement a two-step statistical approach for the detection monitoring program to address initial SSIs over background for constituents currently using intrawell statistical approach. 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 compliance 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 November 2019 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 2022 groundwater data were analyzed by GSC, with the results from these analyses presented in the statistical analysis reports included in **Appendix C**. A summary

of the statistical analysis is presented below for the February 2022 detection monitoring event.

4.2.1 February 2022 Semiannual Event

No confirmed SSI was observed for either Appendix III or Appendix I D&O constituents during the February 2022 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 *2022 Semiannual Groundwater Monitoring and Corrective Action Report* for Georgia Power's Plant Hammond Huffaker Road Landfill was prepared to fulfill the requirements of both the federal CCR Rule (§ 257.90(e)) and Georgia's Solid Waste Management Rules (391-3-4-.14). No SSIs were verified during the 2022 February 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).

7.0 REFERENCES

- Cressler, C.W., 1970. *Geology and Ground-water Resources of Floyd and Polk Counties, Georgia*. Atlanta: Geological Survey of Georgia. 1970.
- ERM, 2018. *2017 Annual Groundwater Monitoring and Corrective Action Report, Plant Hammond Huffaker Road Landfill, Permit No. 057-022D (LI)*. January, 2018.
- Freeze, R. Allan and Cherry, John A. 1979. *Groundwater*. Englewood Cliffs, Prentice-Hall, Inc. Print.
- GA EPD, 2017. *CCR Rule Compliance: Minor Modification Request to Add Appendix III & IV Sample Parameters To The Groundwater Monitoring Plan (GWMP), Floyd County – Georgia Power, Huffaker Road, Permit No. 057-022D(LI)*. Issued 9 August 2017 to Timothy Earl, Georgia Power Company.
- GA EPD, 2019. *Minor Modification – Groundwater Monitoring Plan Update – Approval, Georgia Power Company – Multiple Private Industry Soil Waste Disposal Facilities*. Issued 20 August 2019 to Jalpa Patel, Georgia Power Company
- Georgia Power, 2016. *Plant Hammond – Huffaker Road Coal Combustion By-Products Disposal Facility, Design and Operations Plan Minor Modification – 9/16/2016, Georgia Power Company*. September 2016.
- GSC, 2019. *Plant Hammond Huffaker Road Landfill Background Data Screening & Recommended Statistical Methods*. August 2019.
- Sanitas: Groundwater Statistical Software, v. 9.6.26 (2020). Sanitas Technologies[®], Boulder, CO.
- SCS, 2002. *Plant Hammond Proposed Huffaker Road Coal Combustion By-Products Storage Facility Site Acceptability Report*. Birmingham, Alabama: Earth Science and Environmental Engineering. December 2002.
- USEPA, 2009. *Statistical Analysis of Groundwater Data at RCRA Facilities Unified Guidance*. Office of Solid Waste Management Division, EPA. Washington, D.C. March 2009.
- USEPA, 2011. *Region IV Data Validation Standard Operating Procedures*. Science and Ecosystem Support Division. Region IV. Athens, GA. September 2011.

USEPA, 2017. *National Functional Guidelines for Inorganic Superfund Methods Data Review*. Office of Superfund Remediation and Technology Innovation. OLEM 9355.0-135 [EPA-540-R-2017-001]. Washington, DC. January 2017.

TABLES

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

Well ID	Hydraulic Location	Installation Date	Northing ⁽¹⁾	Easting ⁽¹⁾	Top of Casing Elevation ⁽²⁾ (ft)	Top of Screen Elevation ⁽²⁾ (ft)	Bottom of Screen Elevation ⁽²⁾ (ft)	Well Depth ⁽³⁾ (ft BTOC)	Screen Interval Length (ft)
GWA-1	Upgradient	9/11/2001	1565643.81	1952067.94	701.96	672.96	662.96	39.30	10
GWA-2	Upgradient	2/5/2007	1565590.06	1952640.89	681.59	666.08	656.08	25.81	10
GWA-3	Upgradient	2/6/2007	1565520.24	1953199.93	659.24	648.45	638.45	21.09	10
GWA-4	Upgradient	2/6/2007	1565519.87	1953687.10	656.93	845.84	635.84	21.39	10
GWA-11	Upgradient	7/21/2006	1564946.55	1952008.03	682.36	656.76	646.76	35.90	10
GWC-5	Downgradient	2/7/2007	1565159.15	1953566.67	649.42	638.31	628.31	21.41	10
GWC-6	Downgradient	7/20/2006	1564397.56	1953919.86	656.35	624.07	614.07	42.58	10
GWC-7	Downgradient	7/19/2006	1564079.14	1953595.85	657.20	635.59	625.59	31.91	10
GWC-8	Downgradient	7/18/2006	1564000.62	1953095.72	656.64	639.81	629.81	27.13	10
GWC-9	Downgradient	7/18/2006	1563876.81	1952392.97	659.46	617.85	607.85	51.91	10
GWC-10	Downgradient	7/20/2006	1564308.39	1951975.66	667.58	643.90	633.90	33.98	10
GWC-18	Downgradient	7/12/2006	1563320.44	1953391.49	641.31	594.59	584.59	57.02	10
GWC-19	Downgradient	7/11/2006	1562843.12	1952979.72	642.89	595.91	585.91	57.51	10
GWC-20	Downgradient	7/17/2006	1562472.78	1952332.31	625.76	601.88	591.88	34.18	10
GWC-21	Downgradient	7/12/2006	1562099.56	1951612.93	618.33	610.65	600.65	18.23	10
GWC-22	Downgradient	7/13/2006	1562778.89	1951618.67	625.00	593.39	583.39	41.91	10
GWC-23	Downgradient	7/19/2006	1563558.66	1951604.97	654.84	615.41	605.41	49.73	10

Notes:

ft = feet

ft BTOC = feet below top of casing

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

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

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

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

Well ID	Hydraulic Location	February 2022	Status of Monitoring Well
Purpose of Sampling Event:		Detection	
GWA-1	Upgradient	X	Detection
GWA-2	Upgradient	X	Detection
GWA-3	Upgradient	X	Detection
GWA-4	Upgradient	X	Detection
GWA-11	Upgradient	X	Detection
GWC-5	Downgradient	X	Detection
GWC-6	Downgradient	X	Detection
GWC-7	Downgradient	X	Detection
GWC-8	Downgradient	X	Detection
GWC-9	Downgradient	X	Detection
GWC-10	Downgradient	X	Detection
GWC-18	Downgradient	X	Detection
GWC-19	Downgradient	X	Detection
GWC-20	Downgradient	X	Detection
GWC-21	Downgradient	X	Detection
GWC-22	Downgradient	X	Detection
GWC-23	Downgradient	X	Detection

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

Well ID	Top of Casing Elevation ⁽¹⁾ (ft)	February 11, 2022	
		Depth to Water (ft BTOC)	Groundwater Elevation ⁽¹⁾ (ft)
GWA-1	701.96	10.77	691.19
GWA-2	681.59	5.68	675.91
GWA-3	659.24	4.28	654.96
GWA-4	656.93	9.09	647.84
GWA-11	682.36	15.75	666.61
GWC-5	649.42	5.00	644.42
GWC-6	656.35	15.13	641.22
GWC-7	657.20	13.90	643.30
GWC-8	656.64	10.43	646.21
GWC-9	659.46	13.13	646.33
GWC-10	667.58	12.43	655.15
GWC-18	641.31	12.69	628.62
GWC-19	642.89	18.41	624.48
GWC-20	625.76	3.01	622.75
GWC-21	618.33	4.76	613.57
GWC-22	625.00	2.68	622.32
GWC-23	654.84	7.54	647.30

Notes:

ft BTOC = feet below top of casing

(1) Elevations referenced to the North American Vertical Datum of 1988 (NAVD88).

Survey completed by GEL Solutions obtained June 26, 2020.

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

Horizontal Hydraulic Gradient - February 11, 2022				
Landfill Parcels	h₁ (ft)	h₂ (ft)	L (ft)	i (ft/ft)
A & B (GWA-1 to GWC-7)	691.19	643.30	2,210	0.022
E (GWC-9 to GWC-19)	646.33	624.48	1,120	0.020

February 2022				
Landfill Parcels	K_h (ft/day)	n_e	i (ft/ft)	V (ft/day)⁽¹⁾
A & B	0.248	0.20	0.022	0.027
E			0.020	0.024

Notes:

ft = feet

ft/day = feet per day

ft/ft = feet per foot

h₁ and h₂ = groundwater elevation at location 1 and 2

i = $h_1 - h_2 / L$ = horizontal hydraulic gradient

K_h = horizontal hydraulic conductivity

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

n_e = effective porosity

V = groundwater flow velocity

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

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

Well ID:	GWA-1	GWA-2	GWA-3	GWA-4	GWA-11	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9	GWC-10	GWC-18	
Sample Date:	2/4/2022	2/4/2022	2/4/2022	2/4/2022	2/4/2022	2/4/2022	2/4/2022	2/4/2022	2/4/2022	2/4/2022	2/4/2022	2/4/2022	
Parameter ^(1,2)													
D&O PLAN	Antimony	<0.00078	<0.00078	<0.00078	<0.00078	<0.00078	<0.00078	<0.00078	<0.00078	<0.00078	<0.00078	<0.00078	
	Arsenic	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	0.0042 J	0.0015 J	<0.0011	<0.0011	
	Barium	0.038	0.18	0.081	0.037	0.031	0.061	0.16	0.35	0.17	0.067	0.16	0.080
	Beryllium	<0.000054	<0.000054	<0.000054	<0.000054	<0.000054	<0.000054	<0.000054	<0.000054	<0.000054	<0.000054	<0.000054	<0.000054
	Cadmium	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011
	Chromium	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011
	Cobalt	0.00057 J	<0.00039	0.00052 J	<0.00039	0.00051 J	<0.00039	<0.00039	0.0092	0.0019 J	<0.00039	<0.00039	<0.00039
	Copper	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050
	Lead	<0.00089	<0.00089	<0.00089	<0.00089	<0.00089	<0.00089	<0.00089	<0.00089	<0.00089	<0.00089	<0.00089	<0.00089
	Nickel	<0.00071	<0.00071	0.00090 J	0.00087 J	0.0019 J	<0.00071	<0.00071	0.039	<0.00071	0.0018 J	<0.00071	0.00078 J
	Selenium	<0.0014	<0.0014	<0.0014	<0.0014	<0.0014	<0.0014	<0.0014	<0.0014	<0.0014	<0.0014	<0.0014	<0.0014
	Silver	<0.00044	<0.00044	<0.00044	<0.00044	<0.00044	<0.00044	<0.00044	<0.00044	<0.00044	<0.00044	<0.00044	<0.00044
	Thallium	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018
	Vanadium	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019
Zinc	<0.0070	<0.0070	<0.0070	<0.0070	<0.0070	<0.0070	<0.0070	0.070	<0.0070	<0.0070	<0.0070	<0.0070	
APPENDIX III	Boron	0.018 J	0.083	0.094	0.060	0.037 J	0.040	0.039 J	0.055	0.055	0.013 J	0.037 J	0.12
	Calcium	18.3	57.6	59.0	97.3	23.7	79.5	71.2	68.3	92.6	39.8	52.8	56.1
	Chloride	0.99 J	2.3	1.1	3.3	1.2	1.9	1.6	1.8	3.2	0.78 J	1.3	0.88 J
	Fluoride	0.087 J	0.085 J	0.084 J	0.11	0.068 J	<0.050	0.058 J	0.14	0.12	0.076 J	0.070 J	0.12
	pH ⁽³⁾	7.18	6.98	6.75	7.11	6.92	6.92	7.21	6.70	7.07	7.10	7.51	7.73
	Sulfate	4.0	21.1	73.5	170	10.4	80.1	101	78.3	25.8	69.2	14.4	8.9
	TDS	107	245	325	496	125	360	335	310	349	225	214	225

Notes:

< = Indicates the parameter was not detected above the analytical method detection limit.

J = Indicates the parameter was estimated and detected between the MDL and the reporting limit (RL).

TDS = Total dissolved solids

(1) Parameters are reported in units of milligrams per liter (mg/L), except for pH reported as s.u. (standard units).

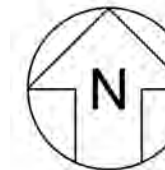
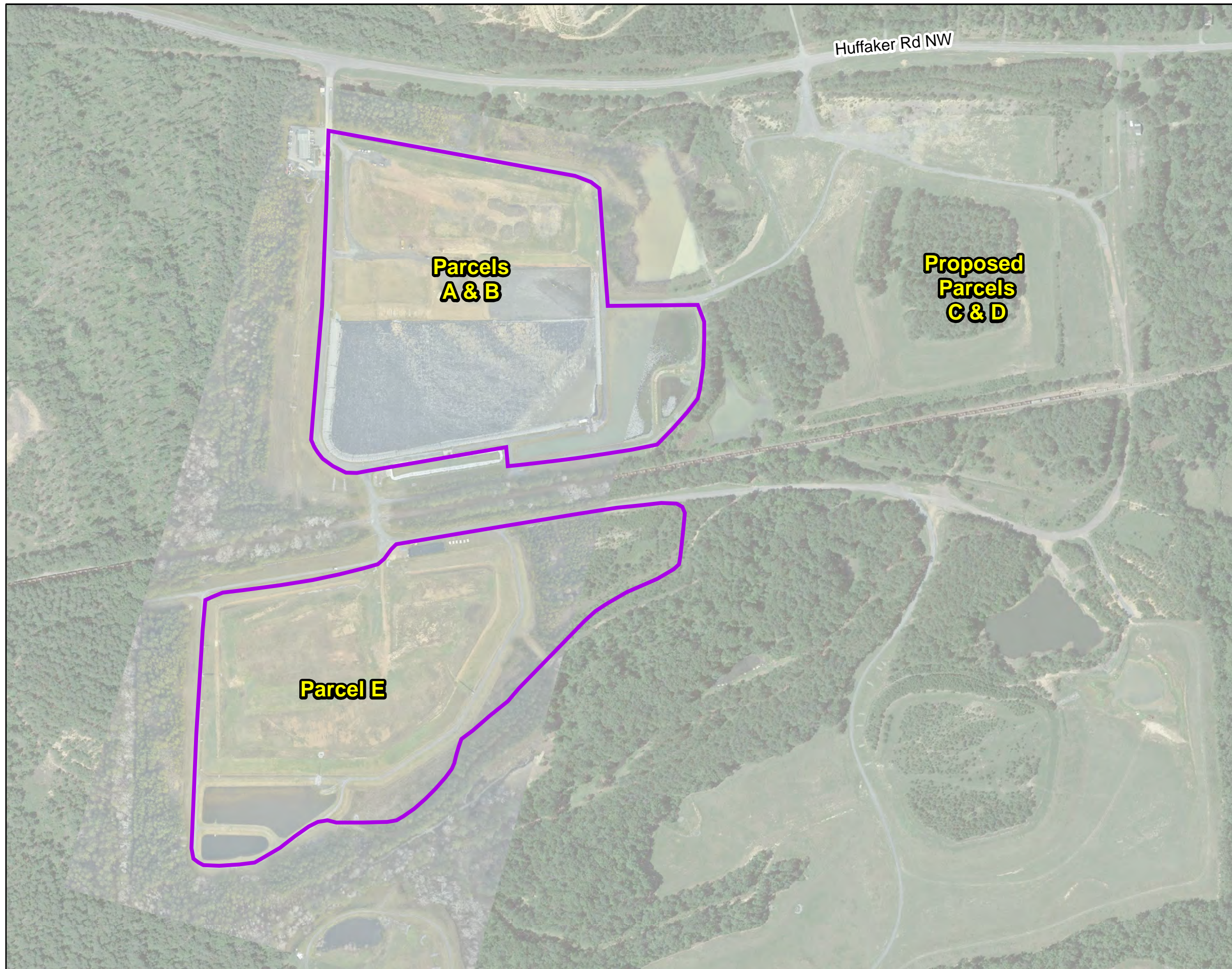
(2) Metals were analyzed by EPA Method 6010D and 6020B, anions were analyzed by EPA Method 300.0, TDS was analyzed by SM2540C.

(3) The pH value presented was recorded at the time of sample collection in the field.

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

Well ID:		GWC-19	GWC-20	GWC-21	GWC-22	GWC-23
Sample Date:		2/7/2022	2/7/2022	2/7/2022	2/7/2022	2/7/2022
Parameter ^(1,2)						
D&O PLAN	Antimony	<0.00078	<0.00078	<0.00078	<0.00078	<0.00078
	Arsenic	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011
	Barium	0.14	0.14	0.063	0.092	0.091
	Beryllium	<0.000054	<0.000054	<0.000054	<0.000054	<0.000054
	Cadmium	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011
	Chromium	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011
	Cobalt	<0.00039	<0.00039	0.0028 J	<0.00039	<0.00039
	Copper	<0.00050	<0.00050	<0.00050	<0.00050	0.00088 J
	Lead	<0.00089	<0.00089	<0.00089	<0.00089	<0.00089
	Nickel	<0.00071	<0.00071	0.0055	<0.00071	0.00084 J
	Selenium	<0.0014	<0.0014	<0.0014	<0.0014	<0.0014
	Silver	<0.00044	<0.00044	<0.00044	<0.00044	<0.00044
	Thallium	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018
	Vanadium	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019
Zinc	<0.0070	<0.0070	<0.0070	<0.0070	<0.0070	
APPENDIX III	Boron	0.15	0.015 J	0.018 J	0.064	0.052
	Calcium	49.0	68.7	39.7	52.6	64.9
	Chloride	1.1	1.2	2.7	1.0	0.70 J
	Fluoride	0.10	0.058 J	<0.050	0.059 J	0.082 J
	pH ⁽³⁾	7.61	7.57	6.58	7.85	7.05
	Sulfate	16.9	66.3	25.9	8.2	13.0
	TDS	218	268	161	207	224

FIGURES



LEGEND

Approximate Landfill Boundary



Note:
1. Aerial photograph source: Google Earth Pro, August 2019 and Georgia Power Company, January 2022.



SITE LOCATION MAP

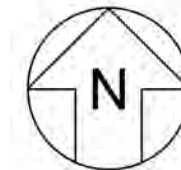
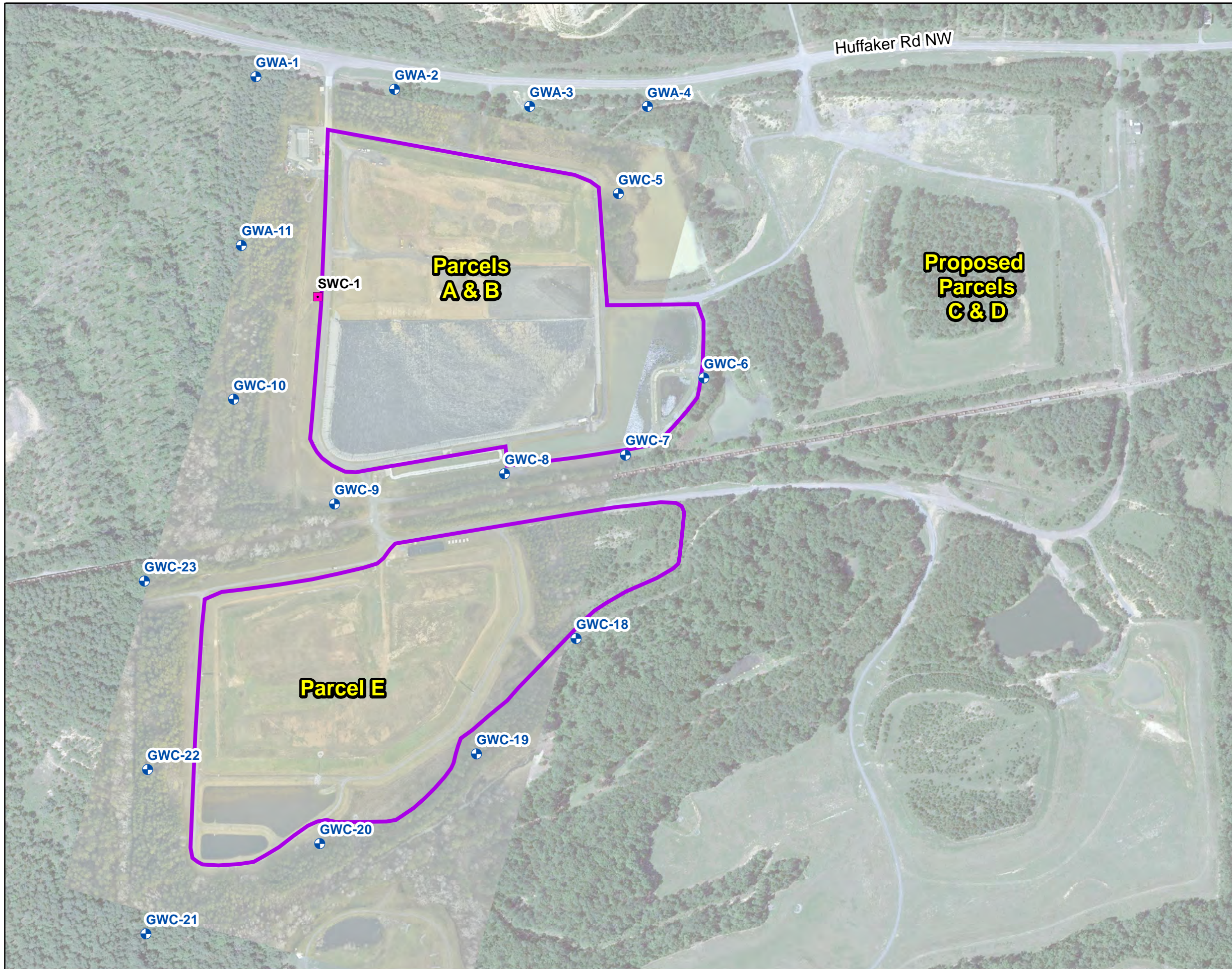
GEORGIA POWER COMPANY
PLANT HAMMOND HUFFAKER ROAD LANDFILL
FLOYD COUNTY, GEORGIA

Prepared For: Georgia Power

Prepared By: Geosyntec
consultants

KENNESAW, GA AUGUST 2022

FIGURE
1



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

Note:
 1. Aerial photograph source: Google Earth Pro, August 2019 and Georgia Power Company, January 2022.



MONITORING WELL NETWORK MAP

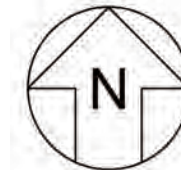
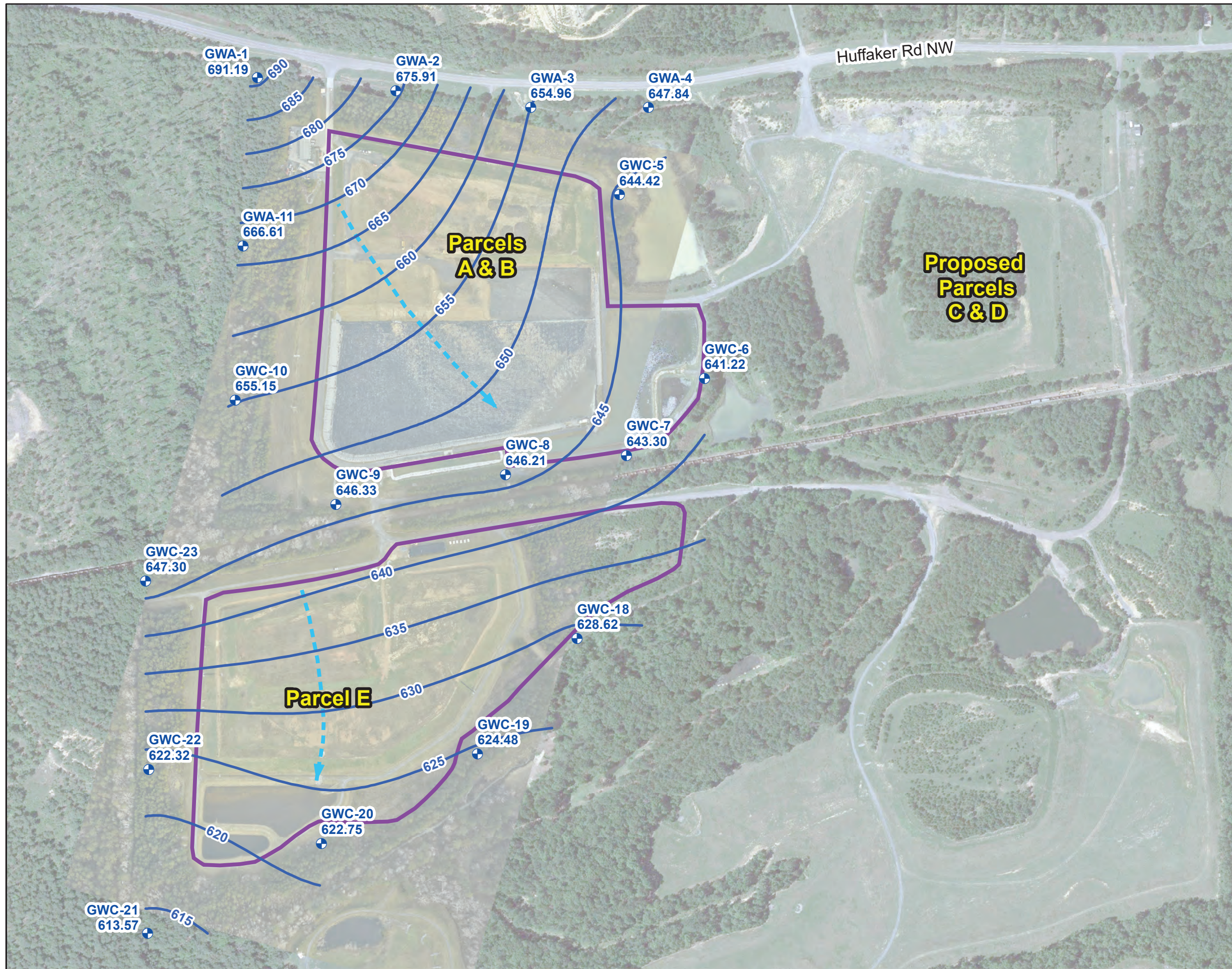
GEORGIA POWER COMPANY
 PLANT HAMMOND HUFFAKER ROAD LANDFILL
 FLOYD COUNTY, GEORGIA

Prepared For: Georgia Power

Prepared By: Geosyntec
 consultants

FIGURE
2

KENNESAW, GA AUGUST 2022



LEGEND

- Compliance Monitoring Well
- Groundwater Elevation Contour
- Approximate Groundwater Flow Direction
- Approximate Landfill Boundary

Notes:

1. Water level elevation recorded on February 11, 2022. Elevation provided in feet (ft) referenced to the North American Vertical Datum (NAVD) 88.
2. Aerial photograph source: Google Earth Pro, August 2019 and Georgia Power Company, January, 2022.

0 200 400 800



SCALE IN FEET



**POTENTIOMETRIC SURFACE CONTOUR
MAP - FEBRUARY 2022**

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

Prepared For: Georgia Power

Prepared By: Geosyntec
consultants

**FIGURE
3**

KENNESAW, GA AUGUST 2022

APPENDIX A

Well Maintenance and Repair Documentation Memorandum

MEMORANDUM

DATE: June 24, 2022

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 2022 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	2/3/2022	All Wells	Checked and cleared weep holes of debris.

Attachment
Well Inspection Forms

Well Inspection Form

Plant Name/Unit Name Plant Alameda Refiner
 Field Technician Alonso Hernandez
 Well ID GW4-1

Date (mm/dd/yyyy) 07/10/2022
 Field Conditions Cloudy, 45°

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

Well Inspection Form

Plant Name/Unit Name Plant Hammond / Huffelton
 Field Technician Thomas Kressler
 Well ID GWA-2

02103/2022

Date (mm/dd/yyyy) ~~02/04/2022~~ 02/10/2022
 Field Conditions Cloudy, 45°

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

Well Inspection Form

Plant Name/Unit Name Plant Hammond / Huffalen
 Field Technician Thomas Busch
 Well ID GW4-3

Date (mm/dd/yyyy) 02/03/2022
 Field Conditions Cloudy, 45°C

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

Well Inspection Form

Plant Name/Unit Name Plant Hammond / Huffale
 Field Technician Theresa Weston
 Well ID GW A-4

07/03/2022 ©
 Date (mm/dd/yyyy) ~~02/04/2022~~
 Field Conditions Cloudy, 45°

1 Location/Identification

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

Yes	No	Comments
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	

2 Protective Casing

- a Is the protective casing free from apparent damage and able to be secured?
- b Is the casing free of degradation or deterioration?
- c Does the casing have a functioning weep hole?
- d Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?
- e Is the well locked?
- f If locked, is the well lock in good condition?
- g Is the well lid in good condition?

Yes	No	Comments
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	

3 Surface Pad

- a Is the well pad in good condition (not cracked or broken)?
- b Is the well pad sloped away from the protective casing?
- c Is the well pad in complete contact with the protective casing?
- d Is the well pad in complete contact with the ground surface and stable (not undermined by erosion, animal burrows, and does not move when stepped on)?
- e Is the pad surface clean (not covered with sediment or debris)?

Yes	No	Comments
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	

4 Internal Casing

- a Does the cap prevent entry of foreign material into the well?
- b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?
- c Is the well properly vented for equilibration of air pressure?
- d Is the survey point clearly marked on the inner casing?
- e Is the depth of the well consistent with the original well log?
- f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)

Yes	No	Comments
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	

5 Sampling and Data Collection Equipment

- a Indicate if the well is equipped with **dedicated sampling equipment, a dedicated water quality sonde, and/or dedicated water level data logger.**
- b If equipped with dedicated sampling equipment, is it in good operational condition?
- c If equipped with a dedicated water quality sonde, is it in good operational condition?
- d Does the desiccant need to be replaced on the water quality sonde?
- e If equipped with a water level data logger, is it in good operational condition?
- f Does the well recharge adequately when purged?
- g Does the well require redevelopment (low flow, excess turbidity)?

Yes	No	Comments
<input type="checkbox"/>	<input type="checkbox"/>	N/A
<input type="checkbox"/>	<input type="checkbox"/>	N/A
<input type="checkbox"/>	<input type="checkbox"/>	N/A
<input type="checkbox"/>	<input type="checkbox"/>	N/A
<input type="checkbox"/>	<input type="checkbox"/>	N/A
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	

6 Corrective Actions

- a Are corrective actions needed?
If yes, indicate here:

Yes	No	Comments
<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Well Inspection Form

Plant Name/Unit Name Theresa Hemmons / High Plains
 Field Technician Thomas Hessel
 Well ID Colo A-11

6210310022

Date (mm/dd/yyyy) 02/04/2022
 Field Conditions Cloudy, 45°

	Yes	No	Comments
1 Location/Identification			
a	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
d	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2 Protective Casing			
a	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
f	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
g	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3 Surface Pad			
a	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4 Internal Casing			
a	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
f	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
5 Sampling and Data Collection Equipment			
a	<input type="checkbox"/>	<input type="checkbox"/>	<u>N/A</u>
b	<input type="checkbox"/>	<input type="checkbox"/>	<u>N/A</u>
c	<input type="checkbox"/>	<input type="checkbox"/>	<u>N/A</u>
d	<input type="checkbox"/>	<input type="checkbox"/>	<u>N/A</u>
e	<input type="checkbox"/>	<input type="checkbox"/>	<u>N/A</u>
f	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>N/A</u>
g	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<u>N/A</u>
6 Corrective Actions			
a	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
If yes, indicate here:			

Well Inspection Form

Plant Name/Unit Name Plant Hammond / Huff
 Field Technician Phonoth...
 Well ID WVC-5

Date (mm/dd/yyyy) 02/03/2022
 Field Conditions Cloudy, 45°

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

Well Inspection Form

Plant Name/Unit Name Plant Hammond / Hufferden
 Field Technician [Signature]
 Well ID GW-26

02/03/2022
~~02/04/2022~~ ⑩
 Date (mm/dd/yyyy) _____
 Field Conditions Cloudy, 45°

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

Well Inspection Form

Plant Name/Unit Name Plant Hammond / Huffer
 Field Technician Thomson
 Well ID 6-20-7

0210312022
 Date (mm/dd/yyyy) 02/04/2022
 Field Conditions Cloudy, 45°

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

Well Inspection Form

Plant Name/Unit Name Thames Hub
 Field Technician Paul Hammond / Hufferden
 Well ID GW-8

0210312022
 2202131020

Date (mm/dd/yyyy) 02/04/2022
 Field Conditions cloudy, 45°

1 Location/Identification

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

Yes	No	Comments
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	standing water

2 Protective Casing

- a Is the protective casing free from apparent damage and able to be secured?
- b Is the casing free of degradation or deterioration?
- c Does the casing have a functioning weep hole?
- d Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?
- e Is the well locked?
- f If locked, is the well lock in good condition?
- g Is the well lid in good condition?

<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	

3 Surface Pad

- a Is the well pad in good condition (not cracked or broken)?
- b Is the well pad sloped away from the protective casing?
- c Is the well pad in complete contact with the protective casing?
- d Is the well pad in complete contact with the ground surface and stable (not undermined by erosion, animal burrows, and does not move when stepped on)?
- e Is the pad surface clean (not covered with sediment or debris)?

<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	

4 Internal Casing

- a Does the cap prevent entry of foreign material into the well?
- b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?
- c Is the well properly vented for equilibration of air pressure?
- d Is the survey point clearly marked on the inner casing?
- e Is the depth of the well consistent with the original well log?
- f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)

<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	

5 Sampling and Data Collection Equipment

- a Indicate if the well is equipped with **dedicated sampling equipment, a dedicated water quality sonde, and/or dedicated water level data logger.**
- b If equipped with dedicated sampling equipment, is it in good operational condition?
- c If equipped with a dedicated water quality sonde, is it in good operational condition?
- d Does the desiccant need to be replaced on the water quality sonde?
- e If equipped with a water level data logger, is it in good operational condition?
- f Does the well recharge adequately when purged?
- g Does the well require redevelopment (low flow, excess turbidity)?

<input type="checkbox"/>	<input type="checkbox"/>	N/A
<input type="checkbox"/>	<input type="checkbox"/>	N/A
<input type="checkbox"/>	<input type="checkbox"/>	N/A
<input type="checkbox"/>	<input type="checkbox"/>	N/A
<input type="checkbox"/>	<input type="checkbox"/>	N/A
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	

6 Corrective Actions

- a Are corrective actions needed?
- If yes, indicate here:

<input checked="" type="checkbox"/>	<input type="checkbox"/>	
-------------------------------------	--------------------------	--

Well Inspection Form

Plant Name/Unit Name Plant Plummer / Hufferlin
 Field Technician Thomas Hester
 Well ID GWC-9

0210312022
~~0210412022~~ ©
 Date (mm/dd/yyyy) _____
 Field Conditions Cloudy, 45°

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

Well Inspection Form

Plant Name/Unit Name Plant Hammond/Huffaker
 Field Technician Thomas Keesler
 Well ID GWC-10

02/03/2022
 Date (mm/dd/yyyy) 02/04/2022
 Field Conditions Cloudy, 45°

1 Location/Identification

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

Yes	No	Comments
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	

2 Protective Casing

- a Is the protective casing free from apparent damage and able to be secured?
- b Is the casing free of degradation or deterioration?
- c Does the casing have a functioning weep hole?
- d Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?
- e Is the well locked?
- f If locked, is the well lock in good condition?
- g Is the well lid in good condition?

<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	

3 Surface Pad

- a Is the well pad in good condition (not cracked or broken)?
- b Is the well pad sloped away from the protective casing?
- c Is the well pad in complete contact with the protective casing?
- d Is the well pad in complete contact with the ground surface and stable (not undermined by erosion, animal burrows, and does not move when stepped on)?
- e Is the pad surface clean (not covered with sediment or debris)?

<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	

4 Internal Casing

- a Does the cap prevent entry of foreign material into the well?
- b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?
- c Is the well properly vented for equilibration of air pressure?
- d Is the survey point clearly marked on the inner casing?
- e Is the depth of the well consistent with the original well log?
- f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)

<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	

5 Sampling and Data Collection Equipment

- a Indicate if the well is equipped with **dedicated sampling equipment, a dedicated water quality sonde, and/or dedicated water level data logger.**
- b If equipped with dedicated sampling equipment, is it in good operational condition?
- c If equipped with a dedicated water quality sonde, is it in good operational condition?
- d Does the desiccant need to be replaced on the water quality sonde?
- e If equipped with a water level data logger, is it in good operational condition?
- f Does the well recharge adequately when purged?
- g Does the well require redevelopment (low flow, excess turbidity)?

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>N/A</u>
<input type="checkbox"/>	<input type="checkbox"/>	<u>N/A</u>
<input type="checkbox"/>	<input type="checkbox"/>	<u>N/A</u>
<input type="checkbox"/>	<input type="checkbox"/>	<u>N/A</u>
<input type="checkbox"/>	<input type="checkbox"/>	<u>N/A</u>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>N/A</u>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	

6 Corrective Actions

- a Are corrective actions needed?
- If yes, indicate here:

<input type="checkbox"/>	<input checked="" type="checkbox"/>	
--------------------------	-------------------------------------	--

Well Inspection Form

Plant Name/Unit Name Plant Hummonville/Huffaker
 Field Technician Francis H. Scott
 Well ID GW-18

02/03/2022
 Date (mm/dd/yyyy) 2/4/2022
 Field Conditions Cloudy, 55°

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

Well Inspection Form

Plant Name/Unit Name Pharm Production / Huffer
 Field Technician Thomas M. ...
 Well ID CWC-19

02/03/2022

Date (mm/dd/yyyy) 02/03/2022
 Field Conditions cloudy, 45.0

	Yes	No	Comments
1 Location/Identification			
a	/		
b	/		
c	/		
d	/		
e	/		
2 Protective Casing			
a	/		
b	/		
c	/		
d	/		
e	/		
f	/		
g	/		
3 Surface Pad			
a	/		
b	/		
c	/		
d	/		
e	/		
4 Internal Casing			
a	/		
b	/		
c	/		
d	/		
e	/		
f	/		
5 Sampling and Data Collection Equipment			
a			N/A
b			N/A
c			N/A
d			N/A
e			N/A
f	/		N/A
g		/	N/A
6 Corrective Actions			
a		/	

If yes, indicate here:

Well Inspection Form

02/03/2022

Plant Name/Unit Name Plant Honeywell Huffer
 Field Technician Thomas Messer
 Well ID CWC-20

Date (mm/dd/yyyy) 2/4/2022
 Field Conditions Cloudy, 45°

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

Well Inspection Form

Plant Name/Unit Name Plum Hammock/Huffaker
 Field Technician Thomas Muesch
 Well ID GLWC-2C

Date (mm/dd/yyyy) 0710312022
 Field Conditions 214/2022 8
Cloudy 45°

1 Location/Identification

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

Yes	No	Comments
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	

2 Protective Casing

- a Is the protective casing free from apparent damage and able to be secured?
- b Is the casing free of degradation or deterioration?
- c Does the casing have a functioning weep hole?
- d Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?
- e Is the well locked?
- f If locked, is the well lock in good condition?
- g Is the well lid in good condition?

<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	

3 Surface Pad

- a Is the well pad in good condition (not cracked or broken)?
- b Is the well pad sloped away from the protective casing?
- c Is the well pad in complete contact with the protective casing?
- d Is the well pad in complete contact with the ground surface and stable (not undermined by erosion, animal burrows, and does not move when stepped on)?
- e Is the pad surface clean (not covered with sediment or debris)?

<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	

4 Internal Casing

- a Does the cap prevent entry of foreign material into the well?
- b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?
- c Is the well properly vented for equilibration of air pressure?
- d Is the survey point clearly marked on the inner casing?
- e Is the depth of the well consistent with the original well log?
- f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)

<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	

5 Sampling and Data Collection Equipment

- a Indicate if the well is equipped with **dedicated sampling equipment, a dedicated water quality sonde, and/or dedicated water level data logger.**
- b If equipped with dedicated sampling equipment, is it in good operational condition?
- c If equipped with a dedicated water quality sonde, is it in good operational condition?
- d Does the desiccant need to be replaced on the water quality sonde?
- e If equipped with a water level data logger, is it in good operational condition?
- f Does the well recharge adequately when purged?
- g Does the well require redevelopment (low flow, excess turbidity)?

<input checked="" type="checkbox"/>	<input type="checkbox"/>	N/A
<input checked="" type="checkbox"/>	<input type="checkbox"/>	N/A
<input checked="" type="checkbox"/>	<input type="checkbox"/>	N/A
<input checked="" type="checkbox"/>	<input type="checkbox"/>	N/A
<input checked="" type="checkbox"/>	<input type="checkbox"/>	N/A
<input checked="" type="checkbox"/>	<input type="checkbox"/>	N/A
<input checked="" type="checkbox"/>	<input type="checkbox"/>	N/A

6 Corrective Actions

- a Are corrective actions needed?
If yes, indicate here:

<input checked="" type="checkbox"/>	<input type="checkbox"/>	
-------------------------------------	--------------------------	--

Well Inspection Form

Plant Name/Unit Name Plant Hammond / Hufferden
 Field Technician Fluoro / Brezler
 Well ID GLWC-22

02/03/2022

Date (mm/dd/yyyy) 02/04/2022 ⑫
 Field Conditions Cloudy 4°C

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

Well Inspection Form

Plant Name/Unit Name Plant Harmon / Hufferker
 Field Technician Proctor, J. L.
 Well ID EW-23

02/03/2022
~~2/11/2022~~
 Date (mm/dd/yyyy) _____
 Field Conditions Cloudy, 45°

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

APPENDIX B

Analytical Laboratory Results and Field Sampling Forms

Laboratory Analytical Report

March 10, 2022

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

RE: Project: HUFFAKER ROAD LANDFILL
Pace Project No.: 92586613

Dear Joju Abraham:

Enclosed are the analytical results for sample(s) received by the laboratory between February 07, 2022 and February 09, 2022. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

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

Revision 1: This revision was issued on 3/10/22 to include the updated COC, per client request.

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

Sincerely,



Nicole D'Oleo
nicole.d'oleo@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: Anna Bottum, ERM
Andrea Brazell, ERM
Christine Hug, Geosyntec Consultants, Inc.
Kristen Jurinko
Thomas Kessler, Geosyntec
Whitney Law, Geosyntec Consultants
Noelia Muskus, Geosyntec Consultants

Ms. Lauren Petty, Southern Company
Lacy Smith, ERM
Anthony Szwest, Geosyntec
Nardos Tilahun, GeoSyntec
Caitlin Tillema, ERM
Christine Weaver, ERM
Dawit Yifru, Geosyntec Consultants, Inc.



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.: 92586613

Pace Analytical Services Charlotte

South Carolina Laboratory ID: 99006
9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Laboratory ID: 99006

South Carolina Certification #: 99006001
South Carolina Drinking Water Cert. #: 99006003
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Louisiana DoH Drinking Water #: LA029
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40

South Carolina Laboratory ID: 99030
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

Pace Analytical Services Peachtree Corners

110 Technology Pkwy, Peachtree Corners, GA 30092
Florida DOH Certification #: E87315
Georgia DW Inorganics Certification #: 812

North Carolina Certification #: 381
South Carolina Certification #: 98011001

REPORT OF LABORATORY ANALYSIS

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

SAMPLE SUMMARY

Project: HUFFAKER ROAD LANDFILL

Pace Project No.: 92586613

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92586613001	GWA-1	Water	02/04/22 10:23	02/07/22 12:35
92586613002	GWA-2	Water	02/04/22 10:19	02/07/22 12:35
92586613003	GWA-3	Water	02/04/22 11:45	02/07/22 12:35
92586613004	GWA-4	Water	02/04/22 10:29	02/07/22 12:35
92586613005	GWA-11	Water	02/04/22 12:20	02/07/22 12:35
92586613006	GWC-5	Water	02/04/22 16:26	02/07/22 12:35
92586613007	GWC-6	Water	02/04/22 13:23	02/07/22 12:35
92586613008	GWC-7	Water	02/04/22 16:03	02/07/22 12:35
92586613009	GWC-8	Water	02/04/22 14:37	02/07/22 12:35
92586613010	GWC-9	Water	02/04/22 12:47	02/07/22 12:35
92586613011	GWC-10	Water	02/04/22 14:08	02/07/22 12:35
92586613012	GWC-18	Water	02/04/22 14:52	02/07/22 12:35
92586613013	DUP-5	Water	02/04/22 00:00	02/07/22 12:35
92586613014	GWC-19	Water	02/07/22 13:27	02/09/22 12:40
92586613015	GWC-20	Water	02/07/22 11:31	02/09/22 12:40
92586613016	GWC-21	Water	02/07/22 11:20	02/09/22 12:40
92586613017	GWC-22	Water	02/07/22 12:38	02/09/22 12:40
92586613018	GWC-23	Water	02/07/22 10:17	02/09/22 12:40
92586613019	EB-5	Water	02/07/22 10:55	02/09/22 12:40
92586613020	FB-5	Water	02/07/22 11:00	02/09/22 12:40

REPORT OF LABORATORY ANALYSIS

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

SAMPLE ANALYTE COUNT

Project: HUFFAKER ROAD LANDFILL
Pace Project No.: 92586613

Lab ID	Sample ID	Method	Analysts	Analytes Reported
92586613001	GWA-1	EPA 6010D	KH	1
		EPA 6020B	CW1	16
		SM 2540C-2015	ALW	1
		EPA 300.0 Rev 2.1 1993	JCM	3
92586613002	GWA-2	EPA 6010D	KH	1
		EPA 6020B	CW1	16
		SM 2540C-2015	ALW	1
		EPA 300.0 Rev 2.1 1993	JCM	3
92586613003	GWA-3	EPA 6010D	KH	1
		EPA 6020B	CW1	16
		SM 2540C-2015	ALW	1
		EPA 300.0 Rev 2.1 1993	JCM	3
92586613004	GWA-4	EPA 6010D	KH	1
		EPA 6020B	CW1	16
		SM 2540C-2015	ALW	1
		EPA 300.0 Rev 2.1 1993	JCM	3
92586613005	GWA-11	EPA 6010D	KH	1
		EPA 6020B	CW1	16
		SM 2540C-2015	ALW	1
		EPA 300.0 Rev 2.1 1993	JCM	3
92586613006	GWC-5	EPA 6010D	KH	1
		EPA 6020B	CW1	16
		SM 2540C-2015	ALW	1
		EPA 300.0 Rev 2.1 1993	JCM	3
92586613007	GWC-6	EPA 6010D	KH	1
		EPA 6020B	CW1	16
		SM 2540C-2015	ALW	1
		EPA 300.0 Rev 2.1 1993	JCM	3
92586613008	GWC-7	EPA 6010D	KH	1
		EPA 6020B	CW1	16
		SM 2540C-2015	ALW	1
		EPA 300.0 Rev 2.1 1993	JCM	3
92586613009	GWC-8	EPA 6010D	KH	1
		EPA 6020B	CW1	16
		SM 2540C-2015	ALW	1
		EPA 300.0 Rev 2.1 1993	JCM	3
92586613010	GWC-9	EPA 6010D	KH	1

REPORT OF LABORATORY ANALYSIS

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

SAMPLE ANALYTE COUNT

Project: HUFFAKER ROAD LANDFILL
Pace Project No.: 92586613

Lab ID	Sample ID	Method	Analysts	Analytes Reported
92586613011	GWC-10	EPA 6020B	CW1	16
		SM 2540C-2015	ALW	1
		EPA 300.0 Rev 2.1 1993	JCM	3
		EPA 6010D	KH	1
		EPA 6020B	CW1	16
92586613012	GWC-18	SM 2540C-2015	ALW	1
		EPA 300.0 Rev 2.1 1993	JCM	3
		EPA 6010D	KH	1
		EPA 6020B	CW1	16
		SM 2540C-2015	ALW	1
92586613013	DUP-5	EPA 300.0 Rev 2.1 1993	JCM	3
		EPA 6010D	KH	1
		EPA 6020B	CW1	16
		SM 2540C-2015	ALW	1
		EPA 300.0 Rev 2.1 1993	JCM	3
92586613014	GWC-19	EPA 6010D	KH	1
		EPA 6020B	CW1	16
		SM 2540C-2015	ALW	1
		EPA 300.0 Rev 2.1 1993	JCM	3
		EPA 6010D	KH	1
92586613015	GWC-20	EPA 6020B	CW1	16
		SM 2540C-2015	ALW	1
		EPA 300.0 Rev 2.1 1993	JCM	3
		EPA 6010D	KH	1
		EPA 6020B	CW1	16
92586613016	GWC-21	SM 2540C-2015	ALW	1
		EPA 300.0 Rev 2.1 1993	JCM	3
		EPA 6010D	KH	1
		EPA 6020B	CW1	16
		SM 2540C-2015	ALW	1
92586613017	GWC-22	EPA 300.0 Rev 2.1 1993	JCM	3
		EPA 6010D	KH	1
		EPA 6020B	CW1	16
		SM 2540C-2015	ALW	1
		EPA 300.0 Rev 2.1 1993	JCM	3
92586613018	GWC-23	EPA 6010D	KH	1
		EPA 6020B	CW1	16
		SM 2540C-2015	ALW	1
		EPA 300.0 Rev 2.1 1993	JCM	3
		EPA 6010D	KH	1
92586613019	EB-5	EPA 6020B	CW1	16
		EPA 6010D	KH	1
		EPA 6020B	CW1	16

REPORT OF LABORATORY ANALYSIS

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

SAMPLE ANALYTE COUNT

Project: HUFFAKER ROAD LANDFILL

Pace Project No.: 92586613

Lab ID	Sample ID	Method	Analysts	Analytes Reported
		SM 2540C-2015	ALW	1
		EPA 300.0 Rev 2.1 1993	JCM	3
92586613020	FB-5	EPA 6010D	KH	1
		EPA 6020B	CW1	16
		SM 2540C-2015	ALW	1
		EPA 300.0 Rev 2.1 1993	JCM	3

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

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

REPORT OF LABORATORY ANALYSIS

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

SUMMARY OF DETECTION

Project: HUFFAKER ROAD LANDFILL

Pace Project No.: 92586613

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
92586613001	GWA-1					
	Performed by	CUSTOME			02/07/22 16:02	
		R				
	pH	7.18	Std. Units		02/07/22 16:02	
EPA 6010D	Calcium	18.3	mg/L	1.0	02/22/22 00:29	
EPA 6020B	Barium	0.038	mg/L	0.0050	02/22/22 10:01	
EPA 6020B	Boron	0.018J	mg/L	0.040	02/22/22 10:01	
EPA 6020B	Cobalt	0.00057J	mg/L	0.0050	02/22/22 10:01	
SM 2540C-2015	Total Dissolved Solids	107	mg/L	10.0	02/11/22 10:43	
EPA 300.0 Rev 2.1 1993	Chloride	0.99J	mg/L	1.0	02/13/22 02:27	
EPA 300.0 Rev 2.1 1993	Fluoride	0.087J	mg/L	0.10	02/13/22 02:27	
EPA 300.0 Rev 2.1 1993	Sulfate	4.0	mg/L	1.0	02/13/22 02:27	
92586613002	GWA-2					
	Performed by	CUSTOME			02/07/22 16:02	
		R				
	pH	6.98	Std. Units		02/07/22 16:02	
EPA 6010D	Calcium	57.6	mg/L	1.0	02/22/22 00:34	
EPA 6020B	Barium	0.18	mg/L	0.0050	02/22/22 10:07	
EPA 6020B	Boron	0.083	mg/L	0.040	02/22/22 10:07	
SM 2540C-2015	Total Dissolved Solids	245	mg/L	10.0	02/11/22 10:43	
EPA 300.0 Rev 2.1 1993	Chloride	2.3	mg/L	1.0	02/13/22 02:42	
EPA 300.0 Rev 2.1 1993	Fluoride	0.085J	mg/L	0.10	02/13/22 02:42	
EPA 300.0 Rev 2.1 1993	Sulfate	21.1	mg/L	1.0	02/13/22 02:42	
92586613003	GWA-3					
	Performed by	CUSTOME			02/07/22 16:03	
		R				
	pH	6.75	Std. Units		02/07/22 16:03	
EPA 6010D	Calcium	59.0	mg/L	1.0	02/22/22 00:39	M1
EPA 6020B	Barium	0.081	mg/L	0.0050	02/22/22 10:31	
EPA 6020B	Boron	0.094	mg/L	0.040	02/22/22 10:31	
EPA 6020B	Cobalt	0.00052J	mg/L	0.0050	02/22/22 10:31	
EPA 6020B	Nickel	0.00090J	mg/L	0.0050	02/22/22 10:31	
SM 2540C-2015	Total Dissolved Solids	325	mg/L	10.0	02/11/22 10:43	
EPA 300.0 Rev 2.1 1993	Chloride	1.1	mg/L	1.0	02/13/22 02:57	
EPA 300.0 Rev 2.1 1993	Fluoride	0.084J	mg/L	0.10	02/13/22 02:57	
EPA 300.0 Rev 2.1 1993	Sulfate	73.5	mg/L	1.0	02/13/22 02:57	
92586613004	GWA-4					
	Performed by	CUSTOME			02/07/22 16:03	
		R				
	pH	7.11	Std. Units		02/07/22 16:03	
EPA 6010D	Calcium	97.3	mg/L	1.0	02/22/22 00:58	
EPA 6020B	Barium	0.037	mg/L	0.0050	02/22/22 10:37	
EPA 6020B	Boron	0.060	mg/L	0.040	02/22/22 10:37	
EPA 6020B	Nickel	0.00087J	mg/L	0.0050	02/22/22 10:37	
SM 2540C-2015	Total Dissolved Solids	496	mg/L	10.0	02/11/22 10:43	
EPA 300.0 Rev 2.1 1993	Chloride	3.3	mg/L	1.0	02/13/22 03:42	M1
EPA 300.0 Rev 2.1 1993	Fluoride	0.11	mg/L	0.10	02/13/22 03:42	M1
EPA 300.0 Rev 2.1 1993	Sulfate	170	mg/L	4.0	02/13/22 20:07	M1

REPORT OF LABORATORY ANALYSIS

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

SUMMARY OF DETECTION

Project: HUFFAKER ROAD LANDFILL
Pace Project No.: 92586613

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
92586613005	GWA-11					
	Performed by	CUSTOME			02/07/22 16:03	
		R				
	pH	6.92	Std. Units		02/07/22 16:03	
EPA 6010D	Calcium	23.7	mg/L	1.0	02/22/22 01:03	
EPA 6020B	Barium	0.031	mg/L	0.0050	02/22/22 10:43	
EPA 6020B	Boron	0.037J	mg/L	0.040	02/22/22 10:43	
EPA 6020B	Cobalt	0.00051J	mg/L	0.0050	02/22/22 10:43	
EPA 6020B	Nickel	0.0019J	mg/L	0.0050	02/22/22 10:43	
SM 2540C-2015	Total Dissolved Solids	125	mg/L	10.0	02/11/22 10:43	
EPA 300.0 Rev 2.1 1993	Chloride	1.2	mg/L	1.0	02/13/22 04:27	
EPA 300.0 Rev 2.1 1993	Fluoride	0.068J	mg/L	0.10	02/13/22 04:27	
EPA 300.0 Rev 2.1 1993	Sulfate	10.4	mg/L	1.0	02/13/22 04:27	
92586613006	GWC-5					
	Performed by	CUSTOME			02/07/22 16:03	
		R				
	pH	6.92	Std. Units		02/07/22 16:03	
EPA 6010D	Calcium	79.5	mg/L	1.0	02/22/22 14:14	
EPA 6020B	Barium	0.061	mg/L	0.0050	02/21/22 19:20	
EPA 6020B	Boron	0.040	mg/L	0.040	02/21/22 19:20	
SM 2540C-2015	Total Dissolved Solids	360	mg/L	10.0	02/11/22 10:43	
EPA 300.0 Rev 2.1 1993	Chloride	1.9	mg/L	1.0	02/13/22 04:42	
EPA 300.0 Rev 2.1 1993	Sulfate	80.1	mg/L	1.0	02/13/22 04:42	
92586613007	GWC-6					
	Performed by	CUSTOME			02/07/22 16:03	
		R				
	pH	7.21	Std. Units		02/07/22 16:03	
EPA 6010D	Calcium	71.2	mg/L	1.0	02/22/22 14:19	
EPA 6020B	Barium	0.16	mg/L	0.0050	02/21/22 19:26	
EPA 6020B	Boron	0.039J	mg/L	0.040	02/21/22 19:26	
SM 2540C-2015	Total Dissolved Solids	335	mg/L	10.0	02/11/22 10:43	
EPA 300.0 Rev 2.1 1993	Chloride	1.6	mg/L	1.0	02/13/22 04:57	
EPA 300.0 Rev 2.1 1993	Fluoride	0.058J	mg/L	0.10	02/13/22 04:57	
EPA 300.0 Rev 2.1 1993	Sulfate	101	mg/L	2.0	02/13/22 20:53	
92586613008	GWC-7					
	Performed by	CUSTOME			02/07/22 16:04	
		R				
	pH	6.70	Std. Units		02/07/22 16:04	
EPA 6010D	Calcium	68.3	mg/L	1.0	02/22/22 14:24	
EPA 6020B	Arsenic	0.0042J	mg/L	0.0050	02/21/22 19:32	
EPA 6020B	Barium	0.35	mg/L	0.0050	02/21/22 19:32	
EPA 6020B	Boron	0.055	mg/L	0.040	02/21/22 19:32	
EPA 6020B	Cobalt	0.0092	mg/L	0.0050	02/21/22 19:32	
EPA 6020B	Nickel	0.039	mg/L	0.0050	02/21/22 19:32	
EPA 6020B	Zinc	0.070	mg/L	0.010	02/21/22 19:32	
SM 2540C-2015	Total Dissolved Solids	310	mg/L	10.0	02/11/22 10:43	
EPA 300.0 Rev 2.1 1993	Chloride	1.8	mg/L	1.0	02/13/22 05:12	
EPA 300.0 Rev 2.1 1993	Fluoride	0.14	mg/L	0.10	02/13/22 05:12	

REPORT OF LABORATORY ANALYSIS

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

SUMMARY OF DETECTION

Project: HUFFAKER ROAD LANDFILL

Pace Project No.: 92586613

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
92586613008	GWC-7					
EPA 300.0 Rev 2.1 1993	Sulfate	78.3	mg/L	1.0	02/13/22 05:12	
92586613009	GWC-8					
	Performed by	CUSTOMER			02/07/22 16:04	
	pH	7.07	Std. Units		02/07/22 16:04	
EPA 6010D	Calcium	92.6	mg/L	1.0	02/22/22 14:29	
EPA 6020B	Arsenic	0.0015J	mg/L	0.0050	02/21/22 19:38	
EPA 6020B	Barium	0.17	mg/L	0.0050	02/21/22 19:38	
EPA 6020B	Boron	0.055	mg/L	0.040	02/21/22 19:38	
EPA 6020B	Cobalt	0.0019J	mg/L	0.0050	02/21/22 19:38	
SM 2540C-2015	Total Dissolved Solids	349	mg/L	10.0	02/11/22 10:43	
EPA 300.0 Rev 2.1 1993	Chloride	3.2	mg/L	1.0	02/13/22 05:27	
EPA 300.0 Rev 2.1 1993	Fluoride	0.12	mg/L	0.10	02/13/22 05:27	
EPA 300.0 Rev 2.1 1993	Sulfate	25.8	mg/L	1.0	02/13/22 05:27	
92586613010	GWC-9					
	Performed by	CUSTOMER			02/07/22 16:04	
	pH	7.10	Std. Units		02/07/22 16:04	
EPA 6010D	Calcium	39.8	mg/L	1.0	02/22/22 14:33	
EPA 6020B	Barium	0.067	mg/L	0.0050	02/21/22 19:44	
EPA 6020B	Boron	0.013J	mg/L	0.040	02/21/22 19:44	
EPA 6020B	Nickel	0.0018J	mg/L	0.0050	02/21/22 19:44	
SM 2540C-2015	Total Dissolved Solids	225	mg/L	10.0	02/11/22 10:44	
EPA 300.0 Rev 2.1 1993	Chloride	0.78J	mg/L	1.0	02/13/22 05:42	
EPA 300.0 Rev 2.1 1993	Fluoride	0.076J	mg/L	0.10	02/13/22 05:42	
EPA 300.0 Rev 2.1 1993	Sulfate	69.2	mg/L	1.0	02/13/22 05:42	
92586613011	GWC-10					
	Performed by	CUSTOMER			02/07/22 16:04	
	pH	7.51	Std. Units		02/07/22 16:04	
EPA 6010D	Calcium	52.8	mg/L	1.0	02/22/22 14:50	
EPA 6020B	Barium	0.16	mg/L	0.0050	02/21/22 19:50	
EPA 6020B	Boron	0.037J	mg/L	0.040	02/21/22 19:50	
SM 2540C-2015	Total Dissolved Solids	214	mg/L	10.0	02/11/22 10:44	
EPA 300.0 Rev 2.1 1993	Chloride	1.3	mg/L	1.0	02/13/22 05:57	
EPA 300.0 Rev 2.1 1993	Fluoride	0.070J	mg/L	0.10	02/13/22 05:57	
EPA 300.0 Rev 2.1 1993	Sulfate	14.4	mg/L	1.0	02/13/22 05:57	
92586613012	GWC-18					
	Performed by	CUSTOMER			02/07/22 16:04	
	pH	7.73	Std. Units		02/07/22 16:04	
EPA 6010D	Calcium	56.1	mg/L	1.0	02/22/22 14:54	
EPA 6020B	Barium	0.080	mg/L	0.0050	02/21/22 19:56	
EPA 6020B	Boron	0.12	mg/L	0.040	02/21/22 19:56	
EPA 6020B	Nickel	0.00078J	mg/L	0.0050	02/21/22 19:56	
SM 2540C-2015	Total Dissolved Solids	225	mg/L	10.0	02/11/22 10:44	

REPORT OF LABORATORY ANALYSIS

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

SUMMARY OF DETECTION

Project: HUFFAKER ROAD LANDFILL

Pace Project No.: 92586613

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92586613012	GWC-18					
EPA 300.0 Rev 2.1 1993	Chloride	0.88J	mg/L	1.0	02/13/22 16:13	
EPA 300.0 Rev 2.1 1993	Fluoride	0.12	mg/L	0.10	02/13/22 16:13	
EPA 300.0 Rev 2.1 1993	Sulfate	8.9	mg/L	1.0	02/13/22 16:13	
92586613013	DUP-5					
EPA 6010D	Calcium	97.2	mg/L	1.0	02/22/22 14:59	
EPA 6020B	Arsenic	0.0016J	mg/L	0.0050	02/21/22 20:02	
EPA 6020B	Barium	0.18	mg/L	0.0050	02/21/22 20:02	
EPA 6020B	Boron	0.060	mg/L	0.040	02/21/22 20:02	
EPA 6020B	Cobalt	0.0019J	mg/L	0.0050	02/21/22 20:02	
SM 2540C-2015	Total Dissolved Solids	341	mg/L	10.0	02/11/22 10:44	
EPA 300.0 Rev 2.1 1993	Chloride	3.2	mg/L	1.0	02/13/22 16:28	
EPA 300.0 Rev 2.1 1993	Fluoride	0.12	mg/L	0.10	02/13/22 16:28	
EPA 300.0 Rev 2.1 1993	Sulfate	25.7	mg/L	1.0	02/13/22 16:28	
92586613014	GWC-19					
	Performed by	CUSTOME			02/09/22 16:30	
		R				
	pH	7.61	Std. Units		02/09/22 16:30	
EPA 6010D	Calcium	49.0	mg/L	1.0	02/22/22 15:04	
EPA 6020B	Barium	0.14	mg/L	0.0050	02/21/22 20:08	
EPA 6020B	Boron	0.15	mg/L	0.040	02/21/22 20:08	
SM 2540C-2015	Total Dissolved Solids	218	mg/L	10.0	02/11/22 11:40	
EPA 300.0 Rev 2.1 1993	Chloride	1.1	mg/L	1.0	02/15/22 15:27	
EPA 300.0 Rev 2.1 1993	Fluoride	0.10	mg/L	0.10	02/15/22 15:27	
EPA 300.0 Rev 2.1 1993	Sulfate	16.9	mg/L	1.0	02/15/22 15:27	
92586613015	GWC-20					
	Performed by	CUSTOME			02/09/22 16:31	
		R				
	pH	7.57	Std. Units		02/09/22 16:31	
EPA 6010D	Calcium	68.7	mg/L	1.0	02/22/22 15:09	
EPA 6020B	Barium	0.14	mg/L	0.0050	02/21/22 20:14	
EPA 6020B	Boron	0.015J	mg/L	0.040	02/21/22 20:14	
SM 2540C-2015	Total Dissolved Solids	268	mg/L	10.0	02/11/22 11:40	
EPA 300.0 Rev 2.1 1993	Chloride	1.2	mg/L	1.0	02/15/22 15:40	
EPA 300.0 Rev 2.1 1993	Fluoride	0.058J	mg/L	0.10	02/15/22 15:40	
EPA 300.0 Rev 2.1 1993	Sulfate	66.3	mg/L	1.0	02/15/22 15:40	
92586613016	GWC-21					
	Performed by	CUSTOME			02/09/22 16:31	
		R				
	pH	6.58	Std. Units		02/09/22 16:31	
EPA 6010D	Calcium	39.7	mg/L	1.0	02/22/22 15:14	
EPA 6020B	Barium	0.063	mg/L	0.0050	02/21/22 20:32	
EPA 6020B	Boron	0.018J	mg/L	0.040	02/21/22 20:32	
EPA 6020B	Cobalt	0.0028J	mg/L	0.0050	02/21/22 20:32	
EPA 6020B	Nickel	0.0055	mg/L	0.0050	02/21/22 20:32	
SM 2540C-2015	Total Dissolved Solids	161	mg/L	10.0	02/11/22 11:40	
EPA 300.0 Rev 2.1 1993	Chloride	2.7	mg/L	1.0	02/15/22 15:54	

REPORT OF LABORATORY ANALYSIS

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

SUMMARY OF DETECTION

Project: HUFFAKER ROAD LANDFILL
Pace Project No.: 92586613

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92586613016	GWC-21					
EPA 300.0 Rev 2.1 1993	Sulfate	25.9	mg/L	1.0	02/15/22 15:54	
92586613017	GWC-22					
	Performed by	CUSTOME			02/09/22 16:31	
		R				
	pH	7.85	Std. Units		02/09/22 16:31	
EPA 6010D	Calcium	52.6	mg/L	1.0	02/22/22 15:18	
EPA 6020B	Barium	0.092	mg/L	0.0050	02/21/22 20:38	
EPA 6020B	Boron	0.064	mg/L	0.040	02/21/22 20:38	
SM 2540C-2015	Total Dissolved Solids	207	mg/L	10.0	02/11/22 11:40	
EPA 300.0 Rev 2.1 1993	Chloride	1.0	mg/L	1.0	02/15/22 16:08	
EPA 300.0 Rev 2.1 1993	Fluoride	0.059J	mg/L	0.10	02/15/22 16:08	
EPA 300.0 Rev 2.1 1993	Sulfate	8.2	mg/L	1.0	02/15/22 16:08	
92586613018	GWC-23					
	Performed by	CUSTOME			02/09/22 16:31	
		R				
	pH	7.05	Std. Units		02/09/22 16:31	
EPA 6010D	Calcium	64.9	mg/L	1.0	02/22/22 15:23	
EPA 6020B	Barium	0.091	mg/L	0.0050	02/21/22 20:44	
EPA 6020B	Boron	0.052	mg/L	0.040	02/21/22 20:44	
EPA 6020B	Copper	0.00088J	mg/L	0.0050	02/21/22 20:44	
EPA 6020B	Nickel	0.00084J	mg/L	0.0050	02/21/22 20:44	
SM 2540C-2015	Total Dissolved Solids	224	mg/L	10.0	02/11/22 11:41	
EPA 300.0 Rev 2.1 1993	Chloride	0.70J	mg/L	1.0	02/16/22 07:30	
EPA 300.0 Rev 2.1 1993	Fluoride	0.082J	mg/L	0.10	02/16/22 07:30	
EPA 300.0 Rev 2.1 1993	Sulfate	13.0	mg/L	1.0	02/16/22 07:30	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: HUFFAKER ROAD LANDFILL
Pace Project No.: 92586613

Sample: GWA-1 Lab ID: 92586613001 Collected: 02/04/22 10:23 Received: 02/07/22 12:35 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method: Pace Analytical Services - Charlotte									
Performed by	CUSTOMER				1		02/07/22 16:02		
pH	7.18	Std. Units			1		02/07/22 16:02		
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA									
Calcium	18.3	mg/L	1.0	0.12	1	02/21/22 08:51	02/22/22 00:29	7440-70-2	
6020 MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA									
Antimony	ND	mg/L	0.0030	0.00078	1	02/21/22 08:47	02/22/22 10:01	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	02/21/22 08:47	02/22/22 10:01	7440-38-2	
Barium	0.038	mg/L	0.0050	0.00067	1	02/21/22 08:47	02/22/22 10:01	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/21/22 08:47	02/22/22 10:01	7440-41-7	
Boron	0.018J	mg/L	0.040	0.0086	1	02/21/22 08:47	02/22/22 10:01	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/21/22 08:47	02/22/22 10:01	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/21/22 08:47	02/22/22 10:01	7440-47-3	
Cobalt	0.00057J	mg/L	0.0050	0.00039	1	02/21/22 08:47	02/22/22 10:01	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/21/22 08:47	02/22/22 10:01	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/21/22 08:47	02/22/22 10:01	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/21/22 08:47	02/22/22 10:01	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/21/22 08:47	02/22/22 10:01	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/21/22 08:47	02/22/22 10:01	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/21/22 08:47	02/22/22 10:01	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/21/22 08:47	02/22/22 10:01	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	02/21/22 08:47	02/22/22 10:01	7440-66-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	107	mg/L	10.0	10.0	1		02/11/22 10:43		
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville									
Chloride	0.99J	mg/L	1.0	0.60	1		02/13/22 02:27	16887-00-6	
Fluoride	0.087J	mg/L	0.10	0.050	1		02/13/22 02:27	16984-48-8	
Sulfate	4.0	mg/L	1.0	0.50	1		02/13/22 02:27	14808-79-8	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: HUFFAKER ROAD LANDFILL
Pace Project No.: 92586613

Sample: GWA-2		Lab ID: 92586613002		Collected: 02/04/22 10:19		Received: 02/07/22 12:35		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method: Pace Analytical Services - Charlotte									
Performed by	CUSTOMER				1		02/07/22 16:02		
pH	6.98	Std. Units			1		02/07/22 16:02		
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA									
Calcium	57.6	mg/L	1.0	0.12	1	02/21/22 08:51	02/22/22 00:34	7440-70-2	
6020 MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA									
Antimony	ND	mg/L	0.0030	0.00078	1	02/21/22 08:47	02/22/22 10:07	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	02/21/22 08:47	02/22/22 10:07	7440-38-2	
Barium	0.18	mg/L	0.0050	0.00067	1	02/21/22 08:47	02/22/22 10:07	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/21/22 08:47	02/22/22 10:07	7440-41-7	
Boron	0.083	mg/L	0.040	0.0086	1	02/21/22 08:47	02/22/22 10:07	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/21/22 08:47	02/22/22 10:07	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/21/22 08:47	02/22/22 10:07	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/21/22 08:47	02/22/22 10:07	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/21/22 08:47	02/22/22 10:07	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/21/22 08:47	02/22/22 10:07	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/21/22 08:47	02/22/22 10:07	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/21/22 08:47	02/22/22 10:07	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/21/22 08:47	02/22/22 10:07	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/21/22 08:47	02/22/22 10:07	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/21/22 08:47	02/22/22 10:07	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	02/21/22 08:47	02/22/22 10:07	7440-66-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	245	mg/L	10.0	10.0	1		02/11/22 10:43		
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		02/13/22 02:42	16887-00-6	
Fluoride	0.085J	mg/L	0.10	0.050	1		02/13/22 02:42	16984-48-8	
Sulfate	21.1	mg/L	1.0	0.50	1		02/13/22 02:42	14808-79-8	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: HUFFAKER ROAD LANDFILL
Pace Project No.: 92586613

Sample: GWA-3		Lab ID: 92586613003		Collected: 02/04/22 11:45		Received: 02/07/22 12:35		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method: Pace Analytical Services - Charlotte									
Performed by	CUSTOMER				1		02/07/22 16:03		
pH	6.75	Std. Units			1		02/07/22 16:03		
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA									
Calcium	59.0	mg/L	1.0	0.12	1	02/21/22 08:51	02/22/22 00:39	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	0.00078	1	02/21/22 08:47	02/22/22 10:31	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	02/21/22 08:47	02/22/22 10:31	7440-38-2	
Barium	0.081	mg/L	0.0050	0.00067	1	02/21/22 08:47	02/22/22 10:31	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/21/22 08:47	02/22/22 10:31	7440-41-7	
Boron	0.094	mg/L	0.040	0.0086	1	02/21/22 08:47	02/22/22 10:31	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/21/22 08:47	02/22/22 10:31	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/21/22 08:47	02/22/22 10:31	7440-47-3	
Cobalt	0.00052J	mg/L	0.0050	0.00039	1	02/21/22 08:47	02/22/22 10:31	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/21/22 08:47	02/22/22 10:31	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/21/22 08:47	02/22/22 10:31	7439-92-1	
Nickel	0.00090J	mg/L	0.0050	0.00071	1	02/21/22 08:47	02/22/22 10:31	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/21/22 08:47	02/22/22 10:31	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/21/22 08:47	02/22/22 10:31	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/21/22 08:47	02/22/22 10:31	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/21/22 08:47	02/22/22 10:31	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	02/21/22 08:47	02/22/22 10:31	7440-66-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	325	mg/L	10.0	10.0	1		02/11/22 10:43		
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville									
Chloride	1.1	mg/L	1.0	0.60	1		02/13/22 02:57	16887-00-6	
Fluoride	0.084J	mg/L	0.10	0.050	1		02/13/22 02:57	16984-48-8	
Sulfate	73.5	mg/L	1.0	0.50	1		02/13/22 02:57	14808-79-8	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: HUFFAKER ROAD LANDFILL
Pace Project No.: 92586613

Sample: GWA-4		Lab ID: 92586613004		Collected: 02/04/22 10:29		Received: 02/07/22 12:35		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method: Pace Analytical Services - Charlotte									
Performed by	CUSTOMER				1		02/07/22 16:03		
pH	7.11	Std. Units			1		02/07/22 16:03		
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA									
Calcium	97.3	mg/L	1.0	0.12	1	02/21/22 08:51	02/22/22 00:58	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	0.00078	1	02/21/22 08:47	02/22/22 10:37	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	02/21/22 08:47	02/22/22 10:37	7440-38-2	
Barium	0.037	mg/L	0.0050	0.00067	1	02/21/22 08:47	02/22/22 10:37	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/21/22 08:47	02/22/22 10:37	7440-41-7	
Boron	0.060	mg/L	0.040	0.0086	1	02/21/22 08:47	02/22/22 10:37	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/21/22 08:47	02/22/22 10:37	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/21/22 08:47	02/22/22 10:37	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/21/22 08:47	02/22/22 10:37	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/21/22 08:47	02/22/22 10:37	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/21/22 08:47	02/22/22 10:37	7439-92-1	
Nickel	0.00087J	mg/L	0.0050	0.00071	1	02/21/22 08:47	02/22/22 10:37	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/21/22 08:47	02/22/22 10:37	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/21/22 08:47	02/22/22 10:37	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/21/22 08:47	02/22/22 10:37	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/21/22 08:47	02/22/22 10:37	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	02/21/22 08:47	02/22/22 10:37	7440-66-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	496	mg/L	10.0	10.0	1		02/11/22 10:43		
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville									
Chloride	3.3	mg/L	1.0	0.60	1		02/13/22 03:42	16887-00-6	M1
Fluoride	0.11	mg/L	0.10	0.050	1		02/13/22 03:42	16984-48-8	M1
Sulfate	170	mg/L	4.0	2.0	4		02/13/22 20:07	14808-79-8	M1

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: HUFFAKER ROAD LANDFILL
Pace Project No.: 92586613

Sample: GWA-11		Lab ID: 92586613005		Collected: 02/04/22 12:20		Received: 02/07/22 12:35		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method: Pace Analytical Services - Charlotte									
Performed by	CUSTOMER				1		02/07/22 16:03		
pH	6.92	Std. Units			1		02/07/22 16:03		
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA									
Calcium	23.7	mg/L	1.0	0.12	1	02/21/22 08:51	02/22/22 01:03	7440-70-2	
6020 MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA									
Antimony	ND	mg/L	0.0030	0.00078	1	02/21/22 08:47	02/22/22 10:43	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	02/21/22 08:47	02/22/22 10:43	7440-38-2	
Barium	0.031	mg/L	0.0050	0.00067	1	02/21/22 08:47	02/22/22 10:43	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/21/22 08:47	02/22/22 10:43	7440-41-7	
Boron	0.037J	mg/L	0.040	0.0086	1	02/21/22 08:47	02/22/22 10:43	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/21/22 08:47	02/22/22 10:43	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/21/22 08:47	02/22/22 10:43	7440-47-3	
Cobalt	0.00051J	mg/L	0.0050	0.00039	1	02/21/22 08:47	02/22/22 10:43	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/21/22 08:47	02/22/22 10:43	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/21/22 08:47	02/22/22 10:43	7439-92-1	
Nickel	0.0019J	mg/L	0.0050	0.00071	1	02/21/22 08:47	02/22/22 10:43	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/21/22 08:47	02/22/22 10:43	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/21/22 08:47	02/22/22 10:43	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/21/22 08:47	02/22/22 10:43	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/21/22 08:47	02/22/22 10:43	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	02/21/22 08:47	02/22/22 10:43	7440-66-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	125	mg/L	10.0	10.0	1		02/11/22 10:43		
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		02/13/22 04:27	16887-00-6	
Fluoride	0.068J	mg/L	0.10	0.050	1		02/13/22 04:27	16984-48-8	
Sulfate	10.4	mg/L	1.0	0.50	1		02/13/22 04:27	14808-79-8	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: HUFFAKER ROAD LANDFILL
Pace Project No.: 92586613

Sample: GWC-5		Lab ID: 92586613006		Collected: 02/04/22 16:26	Received: 02/07/22 12:35	Matrix: Water			
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method: Pace Analytical Services - Charlotte									
Performed by	CUSTOMER				1		02/07/22 16:03		
pH	6.92	Std. Units			1		02/07/22 16:03		
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA									
Calcium	79.5	mg/L	1.0	0.12	1	02/21/22 08:51	02/22/22 14:14	7440-70-2	
6020 MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA									
Antimony	ND	mg/L	0.0030	0.00078	1	02/21/22 08:47	02/21/22 19:20	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	02/21/22 08:47	02/21/22 19:20	7440-38-2	
Barium	0.061	mg/L	0.0050	0.00067	1	02/21/22 08:47	02/21/22 19:20	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/21/22 08:47	02/21/22 19:20	7440-41-7	
Boron	0.040	mg/L	0.040	0.0086	1	02/21/22 08:47	02/21/22 19:20	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/21/22 08:47	02/21/22 19:20	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/21/22 08:47	02/21/22 19:20	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/21/22 08:47	02/21/22 19:20	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/21/22 08:47	02/21/22 19:20	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/21/22 08:47	02/21/22 19:20	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/21/22 08:47	02/21/22 19:20	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/21/22 08:47	02/21/22 19:20	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/21/22 08:47	02/21/22 19:20	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/21/22 08:47	02/21/22 19:20	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/21/22 08:47	02/21/22 19:20	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	02/21/22 08:47	02/21/22 19:20	7440-66-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	360	mg/L	10.0	10.0	1		02/11/22 10:43		
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		02/13/22 04:42	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/13/22 04:42	16984-48-8	
Sulfate	80.1	mg/L	1.0	0.50	1		02/13/22 04:42	14808-79-8	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: HUFFAKER ROAD LANDFILL
Pace Project No.: 92586613

Sample: GWC-6		Lab ID: 92586613007		Collected: 02/04/22 13:23		Received: 02/07/22 12:35		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method: Pace Analytical Services - Charlotte									
Performed by	CUSTOMER				1		02/07/22 16:03		
pH	7.21	Std. Units			1		02/07/22 16:03		
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA									
Calcium	71.2	mg/L	1.0	0.12	1	02/21/22 08:51	02/22/22 14:19	7440-70-2	
6020 MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA									
Antimony	ND	mg/L	0.0030	0.00078	1	02/21/22 08:47	02/21/22 19:26	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	02/21/22 08:47	02/21/22 19:26	7440-38-2	
Barium	0.16	mg/L	0.0050	0.00067	1	02/21/22 08:47	02/21/22 19:26	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/21/22 08:47	02/21/22 19:26	7440-41-7	
Boron	0.039J	mg/L	0.040	0.0086	1	02/21/22 08:47	02/21/22 19:26	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/21/22 08:47	02/21/22 19:26	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/21/22 08:47	02/21/22 19:26	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/21/22 08:47	02/21/22 19:26	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/21/22 08:47	02/21/22 19:26	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/21/22 08:47	02/21/22 19:26	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/21/22 08:47	02/21/22 19:26	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/21/22 08:47	02/21/22 19:26	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/21/22 08:47	02/21/22 19:26	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/21/22 08:47	02/21/22 19:26	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/21/22 08:47	02/21/22 19:26	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	02/21/22 08:47	02/21/22 19:26	7440-66-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	335	mg/L	10.0	10.0	1		02/11/22 10:43		
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville									
Chloride	1.6	mg/L	1.0	0.60	1		02/13/22 04:57	16887-00-6	
Fluoride	0.058J	mg/L	0.10	0.050	1		02/13/22 04:57	16984-48-8	
Sulfate	101	mg/L	2.0	1.0	2		02/13/22 20:53	14808-79-8	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: HUFFAKER ROAD LANDFILL
Pace Project No.: 92586613

Sample: GWC-7 Lab ID: 92586613008 Collected: 02/04/22 16:03 Received: 02/07/22 12:35 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method: Pace Analytical Services - Charlotte									
Performed by	CUSTOMER				1		02/07/22 16:04		
pH	6.70	Std. Units			1		02/07/22 16:04		
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA									
Calcium	68.3	mg/L	1.0	0.12	1	02/21/22 08:51	02/22/22 14:24	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	0.00078	1	02/21/22 08:47	02/21/22 19:32	7440-36-0	
Arsenic	0.0042J	mg/L	0.0050	0.0011	1	02/21/22 08:47	02/21/22 19:32	7440-38-2	
Barium	0.35	mg/L	0.0050	0.00067	1	02/21/22 08:47	02/21/22 19:32	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/21/22 08:47	02/21/22 19:32	7440-41-7	
Boron	0.055	mg/L	0.040	0.0086	1	02/21/22 08:47	02/21/22 19:32	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/21/22 08:47	02/21/22 19:32	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/21/22 08:47	02/21/22 19:32	7440-47-3	
Cobalt	0.0092	mg/L	0.0050	0.00039	1	02/21/22 08:47	02/21/22 19:32	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/21/22 08:47	02/21/22 19:32	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/21/22 08:47	02/21/22 19:32	7439-92-1	
Nickel	0.039	mg/L	0.0050	0.00071	1	02/21/22 08:47	02/21/22 19:32	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/21/22 08:47	02/21/22 19:32	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/21/22 08:47	02/21/22 19:32	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/21/22 08:47	02/21/22 19:32	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/21/22 08:47	02/21/22 19:32	7440-62-2	
Zinc	0.070	mg/L	0.010	0.0070	1	02/21/22 08:47	02/21/22 19:32	7440-66-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	310	mg/L	10.0	10.0	1		02/11/22 10:43		
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		02/13/22 05:12	16887-00-6	
Fluoride	0.14	mg/L	0.10	0.050	1		02/13/22 05:12	16984-48-8	
Sulfate	78.3	mg/L	1.0	0.50	1		02/13/22 05:12	14808-79-8	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: HUFFAKER ROAD LANDFILL
Pace Project No.: 92586613

Sample: GWC-8		Lab ID: 92586613009		Collected: 02/04/22 14:37	Received: 02/07/22 12:35	Matrix: Water			
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method: Pace Analytical Services - Charlotte									
Performed by	CUSTOMER				1		02/07/22 16:04		
pH	7.07	Std. Units			1		02/07/22 16:04		
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA									
Calcium	92.6	mg/L	1.0	0.12	1	02/21/22 08:51	02/22/22 14:29	7440-70-2	
6020 MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA									
Antimony	ND	mg/L	0.0030	0.00078	1	02/21/22 08:47	02/21/22 19:38	7440-36-0	
Arsenic	0.0015J	mg/L	0.0050	0.0011	1	02/21/22 08:47	02/21/22 19:38	7440-38-2	
Barium	0.17	mg/L	0.0050	0.00067	1	02/21/22 08:47	02/21/22 19:38	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/21/22 08:47	02/21/22 19:38	7440-41-7	
Boron	0.055	mg/L	0.040	0.0086	1	02/21/22 08:47	02/21/22 19:38	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/21/22 08:47	02/21/22 19:38	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/21/22 08:47	02/21/22 19:38	7440-47-3	
Cobalt	0.0019J	mg/L	0.0050	0.00039	1	02/21/22 08:47	02/21/22 19:38	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/21/22 08:47	02/21/22 19:38	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/21/22 08:47	02/21/22 19:38	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/21/22 08:47	02/21/22 19:38	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/21/22 08:47	02/21/22 19:38	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/21/22 08:47	02/21/22 19:38	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/21/22 08:47	02/21/22 19:38	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/21/22 08:47	02/21/22 19:38	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	02/21/22 08:47	02/21/22 19:38	7440-66-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	349	mg/L	10.0	10.0	1		02/11/22 10:43		
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville									
Chloride	3.2	mg/L	1.0	0.60	1		02/13/22 05:27	16887-00-6	
Fluoride	0.12	mg/L	0.10	0.050	1		02/13/22 05:27	16984-48-8	
Sulfate	25.8	mg/L	1.0	0.50	1		02/13/22 05:27	14808-79-8	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: HUFFAKER ROAD LANDFILL
Pace Project No.: 92586613

Sample: GWC-9		Lab ID: 92586613010		Collected: 02/04/22 12:47		Received: 02/07/22 12:35		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method: Pace Analytical Services - Charlotte									
Performed by	CUSTOMER				1		02/07/22 16:04		
pH	7.10	Std. Units			1		02/07/22 16:04		
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	02/21/22 08:51	02/22/22 14:33	7440-70-2	
6020 MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA									
Antimony	ND	mg/L	0.0030	0.00078	1	02/21/22 08:47	02/21/22 19:44	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	02/21/22 08:47	02/21/22 19:44	7440-38-2	
Barium	0.067	mg/L	0.0050	0.00067	1	02/21/22 08:47	02/21/22 19:44	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/21/22 08:47	02/21/22 19:44	7440-41-7	
Boron	0.013J	mg/L	0.040	0.0086	1	02/21/22 08:47	02/21/22 19:44	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/21/22 08:47	02/21/22 19:44	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/21/22 08:47	02/21/22 19:44	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/21/22 08:47	02/21/22 19:44	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/21/22 08:47	02/21/22 19:44	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/21/22 08:47	02/21/22 19:44	7439-92-1	
Nickel	0.0018J	mg/L	0.0050	0.00071	1	02/21/22 08:47	02/21/22 19:44	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/21/22 08:47	02/21/22 19:44	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/21/22 08:47	02/21/22 19:44	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/21/22 08:47	02/21/22 19:44	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/21/22 08:47	02/21/22 19:44	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	02/21/22 08:47	02/21/22 19:44	7440-66-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	225	mg/L	10.0	10.0	1		02/11/22 10:44		
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville									
Chloride	0.78J	mg/L	1.0	0.60	1		02/13/22 05:42	16887-00-6	
Fluoride	0.076J	mg/L	0.10	0.050	1		02/13/22 05:42	16984-48-8	
Sulfate	69.2	mg/L	1.0	0.50	1		02/13/22 05:42	14808-79-8	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: HUFFAKER ROAD LANDFILL
Pace Project No.: 92586613

Sample: GWC-10		Lab ID: 92586613011		Collected: 02/04/22 14:08		Received: 02/07/22 12:35		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method: Pace Analytical Services - Charlotte									
Performed by	CUSTOMER				1		02/07/22 16:04		
pH	7.51	Std. Units			1		02/07/22 16:04		
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA									
Calcium	52.8	mg/L	1.0	0.12	1	02/21/22 08:51	02/22/22 14:50	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	0.00078	1	02/21/22 08:47	02/21/22 19:50	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	02/21/22 08:47	02/21/22 19:50	7440-38-2	
Barium	0.16	mg/L	0.0050	0.00067	1	02/21/22 08:47	02/21/22 19:50	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/21/22 08:47	02/21/22 19:50	7440-41-7	
Boron	0.037J	mg/L	0.040	0.0086	1	02/21/22 08:47	02/21/22 19:50	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/21/22 08:47	02/21/22 19:50	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/21/22 08:47	02/21/22 19:50	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/21/22 08:47	02/21/22 19:50	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/21/22 08:47	02/21/22 19:50	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/21/22 08:47	02/21/22 19:50	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/21/22 08:47	02/21/22 19:50	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/21/22 08:47	02/21/22 19:50	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/21/22 08:47	02/21/22 19:50	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/21/22 08:47	02/21/22 19:50	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/21/22 08:47	02/21/22 19:50	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	02/21/22 08:47	02/21/22 19:50	7440-66-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	214	mg/L	10.0	10.0	1		02/11/22 10:44		
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		02/13/22 05:57	16887-00-6	
Fluoride	0.070J	mg/L	0.10	0.050	1		02/13/22 05:57	16984-48-8	
Sulfate	14.4	mg/L	1.0	0.50	1		02/13/22 05:57	14808-79-8	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: HUFFAKER ROAD LANDFILL
Pace Project No.: 92586613

Sample: GWC-18		Lab ID: 92586613012		Collected: 02/04/22 14:52	Received: 02/07/22 12:35	Matrix: Water			
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method: Pace Analytical Services - Charlotte									
Performed by	CUSTOMER				1		02/07/22 16:04		
pH	7.73	Std. Units			1		02/07/22 16:04		
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA									
Calcium	56.1	mg/L	1.0	0.12	1	02/21/22 08:51	02/22/22 14:54	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	0.00078	1	02/21/22 08:47	02/21/22 19:56	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	02/21/22 08:47	02/21/22 19:56	7440-38-2	
Barium	0.080	mg/L	0.0050	0.00067	1	02/21/22 08:47	02/21/22 19:56	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/21/22 08:47	02/21/22 19:56	7440-41-7	
Boron	0.12	mg/L	0.040	0.0086	1	02/21/22 08:47	02/21/22 19:56	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/21/22 08:47	02/21/22 19:56	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/21/22 08:47	02/21/22 19:56	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/21/22 08:47	02/21/22 19:56	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/21/22 08:47	02/21/22 19:56	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/21/22 08:47	02/21/22 19:56	7439-92-1	
Nickel	0.00078J	mg/L	0.0050	0.00071	1	02/21/22 08:47	02/21/22 19:56	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/21/22 08:47	02/21/22 19:56	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/21/22 08:47	02/21/22 19:56	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/21/22 08:47	02/21/22 19:56	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/21/22 08:47	02/21/22 19:56	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	02/21/22 08:47	02/21/22 19:56	7440-66-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	225	mg/L	10.0	10.0	1		02/11/22 10:44		
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville									
Chloride	0.88J	mg/L	1.0	0.60	1		02/13/22 16:13	16887-00-6	
Fluoride	0.12	mg/L	0.10	0.050	1		02/13/22 16:13	16984-48-8	
Sulfate	8.9	mg/L	1.0	0.50	1		02/13/22 16:13	14808-79-8	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: HUFFAKER ROAD LANDFILL
Pace Project No.: 92586613

Sample: DUP-5		Lab ID: 92586613013		Collected: 02/04/22 00:00	Received: 02/07/22 12:35	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	97.2	mg/L	1.0	0.12	1	02/21/22 08:51	02/22/22 14:59	7440-70-2		
6020 MET ICPMS		Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.0030	0.00078	1	02/21/22 08:47	02/21/22 20:02	7440-36-0		
Arsenic	0.0016J	mg/L	0.0050	0.0011	1	02/21/22 08:47	02/21/22 20:02	7440-38-2		
Barium	0.18	mg/L	0.0050	0.00067	1	02/21/22 08:47	02/21/22 20:02	7440-39-3		
Beryllium	ND	mg/L	0.00050	0.000054	1	02/21/22 08:47	02/21/22 20:02	7440-41-7		
Boron	0.060	mg/L	0.040	0.0086	1	02/21/22 08:47	02/21/22 20:02	7440-42-8		
Cadmium	ND	mg/L	0.00050	0.00011	1	02/21/22 08:47	02/21/22 20:02	7440-43-9		
Chromium	ND	mg/L	0.0050	0.0011	1	02/21/22 08:47	02/21/22 20:02	7440-47-3		
Cobalt	0.0019J	mg/L	0.0050	0.00039	1	02/21/22 08:47	02/21/22 20:02	7440-48-4		
Copper	ND	mg/L	0.0050	0.00050	1	02/21/22 08:47	02/21/22 20:02	7440-50-8		
Lead	ND	mg/L	0.0010	0.00089	1	02/21/22 08:47	02/21/22 20:02	7439-92-1		
Nickel	ND	mg/L	0.0050	0.00071	1	02/21/22 08:47	02/21/22 20:02	7440-02-0		
Selenium	ND	mg/L	0.0050	0.0014	1	02/21/22 08:47	02/21/22 20:02	7782-49-2		
Silver	ND	mg/L	0.0050	0.00044	1	02/21/22 08:47	02/21/22 20:02	7440-22-4		
Thallium	ND	mg/L	0.0010	0.00018	1	02/21/22 08:47	02/21/22 20:02	7440-28-0		
Vanadium	ND	mg/L	0.010	0.0019	1	02/21/22 08:47	02/21/22 20:02	7440-62-2		
Zinc	ND	mg/L	0.010	0.0070	1	02/21/22 08:47	02/21/22 20:02	7440-66-6		
2540C Total Dissolved Solids		Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	341	mg/L	10.0	10.0	1		02/11/22 10:44			
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	3.2	mg/L	1.0	0.60	1		02/13/22 16:28	16887-00-6		
Fluoride	0.12	mg/L	0.10	0.050	1		02/13/22 16:28	16984-48-8		
Sulfate	25.7	mg/L	1.0	0.50	1		02/13/22 16:28	14808-79-8		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: HUFFAKER ROAD LANDFILL
Pace Project No.: 92586613

Sample: GWC-19 Lab ID: 92586613014 Collected: 02/07/22 13:27 Received: 02/09/22 12:40 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method: Pace Analytical Services - Charlotte									
Performed by	CUSTOMER				1		02/09/22 16:30		
pH	7.61	Std. Units			1		02/09/22 16:30		
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA									
Calcium	49.0	mg/L	1.0	0.12	1	02/21/22 08:51	02/22/22 15:04	7440-70-2	
6020 MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA									
Antimony	ND	mg/L	0.0030	0.00078	1	02/21/22 08:47	02/21/22 20:08	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	02/21/22 08:47	02/21/22 20:08	7440-38-2	
Barium	0.14	mg/L	0.0050	0.00067	1	02/21/22 08:47	02/21/22 20:08	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/21/22 08:47	02/21/22 20:08	7440-41-7	
Boron	0.15	mg/L	0.040	0.0086	1	02/21/22 08:47	02/21/22 20:08	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/21/22 08:47	02/21/22 20:08	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/21/22 08:47	02/21/22 20:08	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/21/22 08:47	02/21/22 20:08	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/21/22 08:47	02/21/22 20:08	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/21/22 08:47	02/21/22 20:08	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/21/22 08:47	02/21/22 20:08	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/21/22 08:47	02/21/22 20:08	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/21/22 08:47	02/21/22 20:08	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/21/22 08:47	02/21/22 20:08	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/21/22 08:47	02/21/22 20:08	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	02/21/22 08:47	02/21/22 20:08	7440-66-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	218	mg/L	10.0	10.0	1		02/11/22 11:40		
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville									
Chloride	1.1	mg/L	1.0	0.60	1		02/15/22 15:27	16887-00-6	
Fluoride	0.10	mg/L	0.10	0.050	1		02/15/22 15:27	16984-48-8	
Sulfate	16.9	mg/L	1.0	0.50	1		02/15/22 15:27	14808-79-8	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: HUFFAKER ROAD LANDFILL

Pace Project No.: 92586613

Sample: GWC-20		Lab ID: 92586613015		Collected: 02/07/22 11:31		Received: 02/09/22 12:40		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method: Pace Analytical Services - Charlotte									
Performed by	CUSTOMER				1		02/09/22 16:31		
pH	7.57	Std. Units			1		02/09/22 16:31		
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA									
Calcium	68.7	mg/L	1.0	0.12	1	02/21/22 08:51	02/22/22 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	0.00078	1	02/21/22 08:47	02/21/22 20:14	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	02/21/22 08:47	02/21/22 20:14	7440-38-2	
Barium	0.14	mg/L	0.0050	0.00067	1	02/21/22 08:47	02/21/22 20:14	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/21/22 08:47	02/21/22 20:14	7440-41-7	
Boron	0.015J	mg/L	0.040	0.0086	1	02/21/22 08:47	02/21/22 20:14	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/21/22 08:47	02/21/22 20:14	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/21/22 08:47	02/21/22 20:14	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/21/22 08:47	02/21/22 20:14	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/21/22 08:47	02/21/22 20:14	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/21/22 08:47	02/21/22 20:14	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/21/22 08:47	02/21/22 20:14	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/21/22 08:47	02/21/22 20:14	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/21/22 08:47	02/21/22 20:14	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/21/22 08:47	02/21/22 20:14	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/21/22 08:47	02/21/22 20:14	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	02/21/22 08:47	02/21/22 20:14	7440-66-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	268	mg/L	10.0	10.0	1		02/11/22 11:40		
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		02/15/22 15:40	16887-00-6	
Fluoride	0.058J	mg/L	0.10	0.050	1		02/15/22 15:40	16984-48-8	
Sulfate	66.3	mg/L	1.0	0.50	1		02/15/22 15:40	14808-79-8	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: HUFFAKER ROAD LANDFILL
Pace Project No.: 92586613

Sample: GWC-21		Lab ID: 92586613016		Collected: 02/07/22 11:20		Received: 02/09/22 12:40		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method: Pace Analytical Services - Charlotte									
Performed by	CUSTOMER				1		02/09/22 16:31		
pH	6.58	Std. Units			1		02/09/22 16:31		
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA									
Calcium	39.7	mg/L	1.0	0.12	1	02/21/22 08:51	02/22/22 15:14	7440-70-2	
6020 MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA									
Antimony	ND	mg/L	0.0030	0.00078	1	02/21/22 08:47	02/21/22 20:32	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	02/21/22 08:47	02/21/22 20:32	7440-38-2	
Barium	0.063	mg/L	0.0050	0.00067	1	02/21/22 08:47	02/21/22 20:32	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/21/22 08:47	02/21/22 20:32	7440-41-7	
Boron	0.018J	mg/L	0.040	0.0086	1	02/21/22 08:47	02/21/22 20:32	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/21/22 08:47	02/21/22 20:32	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/21/22 08:47	02/21/22 20:32	7440-47-3	
Cobalt	0.0028J	mg/L	0.0050	0.00039	1	02/21/22 08:47	02/21/22 20:32	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/21/22 08:47	02/21/22 20:32	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/21/22 08:47	02/21/22 20:32	7439-92-1	
Nickel	0.0055	mg/L	0.0050	0.00071	1	02/21/22 08:47	02/21/22 20:32	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/21/22 08:47	02/21/22 20:32	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/21/22 08:47	02/21/22 20:32	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/21/22 08:47	02/21/22 20:32	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/21/22 08:47	02/21/22 20:32	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	02/21/22 08:47	02/21/22 20:32	7440-66-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	161	mg/L	10.0	10.0	1		02/11/22 11:40		
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville									
Chloride	2.7	mg/L	1.0	0.60	1		02/15/22 15:54	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/15/22 15:54	16984-48-8	
Sulfate	25.9	mg/L	1.0	0.50	1		02/15/22 15:54	14808-79-8	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: HUFFAKER ROAD LANDFILL

Pace Project No.: 92586613

Sample: GWC-22		Lab ID: 92586613017		Collected: 02/07/22 12:38		Received: 02/09/22 12:40		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method: Pace Analytical Services - Charlotte									
Performed by	CUSTOMER				1		02/09/22 16:31		
pH	7.85	Std. Units			1		02/09/22 16:31		
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA									
Calcium	52.6	mg/L	1.0	0.12	1	02/21/22 08:51	02/22/22 15:18	7440-70-2	
6020 MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA									
Antimony	ND	mg/L	0.0030	0.00078	1	02/21/22 08:47	02/21/22 20:38	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	02/21/22 08:47	02/21/22 20:38	7440-38-2	
Barium	0.092	mg/L	0.0050	0.00067	1	02/21/22 08:47	02/21/22 20:38	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/21/22 08:47	02/21/22 20:38	7440-41-7	
Boron	0.064	mg/L	0.040	0.0086	1	02/21/22 08:47	02/21/22 20:38	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/21/22 08:47	02/21/22 20:38	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/21/22 08:47	02/21/22 20:38	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/21/22 08:47	02/21/22 20:38	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/21/22 08:47	02/21/22 20:38	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/21/22 08:47	02/21/22 20:38	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/21/22 08:47	02/21/22 20:38	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/21/22 08:47	02/21/22 20:38	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/21/22 08:47	02/21/22 20:38	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/21/22 08:47	02/21/22 20:38	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/21/22 08:47	02/21/22 20:38	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	02/21/22 08:47	02/21/22 20:38	7440-66-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	207	mg/L	10.0	10.0	1		02/11/22 11:40		
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		02/15/22 16:08	16887-00-6	
Fluoride	0.059J	mg/L	0.10	0.050	1		02/15/22 16:08	16984-48-8	
Sulfate	8.2	mg/L	1.0	0.50	1		02/15/22 16:08	14808-79-8	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: HUFFAKER ROAD LANDFILL
Pace Project No.: 92586613

Sample: GWC-23		Lab ID: 92586613018		Collected: 02/07/22 10:17		Received: 02/09/22 12:40		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method: Pace Analytical Services - Charlotte									
Performed by	CUSTOMER				1		02/09/22 16:31		
pH	7.05	Std. Units			1		02/09/22 16:31		
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA									
Calcium	64.9	mg/L	1.0	0.12	1	02/21/22 08:51	02/22/22 15:23	7440-70-2	
6020 MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA									
Antimony	ND	mg/L	0.0030	0.00078	1	02/21/22 08:47	02/21/22 20:44	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	02/21/22 08:47	02/21/22 20:44	7440-38-2	
Barium	0.091	mg/L	0.0050	0.00067	1	02/21/22 08:47	02/21/22 20:44	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/21/22 08:47	02/21/22 20:44	7440-41-7	
Boron	0.052	mg/L	0.040	0.0086	1	02/21/22 08:47	02/21/22 20:44	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/21/22 08:47	02/21/22 20:44	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/21/22 08:47	02/21/22 20:44	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/21/22 08:47	02/21/22 20:44	7440-48-4	
Copper	0.00088J	mg/L	0.0050	0.00050	1	02/21/22 08:47	02/21/22 20:44	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/21/22 08:47	02/21/22 20:44	7439-92-1	
Nickel	0.00084J	mg/L	0.0050	0.00071	1	02/21/22 08:47	02/21/22 20:44	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/21/22 08:47	02/21/22 20:44	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/21/22 08:47	02/21/22 20:44	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/21/22 08:47	02/21/22 20:44	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/21/22 08:47	02/21/22 20:44	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	02/21/22 08:47	02/21/22 20:44	7440-66-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	224	mg/L	10.0	10.0	1		02/11/22 11:41		
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville									
Chloride	0.70J	mg/L	1.0	0.60	1		02/16/22 07:30	16887-00-6	
Fluoride	0.082J	mg/L	0.10	0.050	1		02/16/22 07:30	16984-48-8	
Sulfate	13.0	mg/L	1.0	0.50	1		02/16/22 07:30	14808-79-8	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: HUFFAKER ROAD LANDFILL
Pace Project No.: 92586613

Sample: EB-5		Lab ID: 92586613019		Collected: 02/07/22 10:55	Received: 02/09/22 12:40	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	ND	mg/L	1.0	0.12	1	02/21/22 08:51	02/22/22 02:33	7440-70-2		
6020 MET ICPMS		Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.0030	0.00078	1	02/21/22 08:47	02/21/22 20:55	7440-36-0		
Arsenic	ND	mg/L	0.0050	0.0011	1	02/21/22 08:47	02/21/22 20:55	7440-38-2		
Barium	ND	mg/L	0.0050	0.00067	1	02/21/22 08:47	02/21/22 20:55	7440-39-3		
Beryllium	ND	mg/L	0.00050	0.000054	1	02/21/22 08:47	02/21/22 20:55	7440-41-7		
Boron	ND	mg/L	0.040	0.0086	1	02/21/22 08:47	02/21/22 20:55	7440-42-8		
Cadmium	ND	mg/L	0.00050	0.00011	1	02/21/22 08:47	02/21/22 20:55	7440-43-9		
Chromium	ND	mg/L	0.0050	0.0011	1	02/21/22 08:47	02/21/22 20:55	7440-47-3		
Cobalt	ND	mg/L	0.0050	0.00039	1	02/21/22 08:47	02/21/22 20:55	7440-48-4		
Copper	ND	mg/L	0.0050	0.00050	1	02/21/22 08:47	02/21/22 20:55	7440-50-8		
Lead	ND	mg/L	0.0010	0.00089	1	02/21/22 08:47	02/21/22 20:55	7439-92-1		
Nickel	ND	mg/L	0.0050	0.00071	1	02/21/22 08:47	02/21/22 20:55	7440-02-0		
Selenium	ND	mg/L	0.0050	0.0014	1	02/21/22 08:47	02/21/22 20:55	7782-49-2		
Silver	ND	mg/L	0.0050	0.00044	1	02/21/22 08:47	02/21/22 20:55	7440-22-4		
Thallium	ND	mg/L	0.0010	0.00018	1	02/21/22 08:47	02/21/22 20:55	7440-28-0		
Vanadium	ND	mg/L	0.010	0.0019	1	02/21/22 08:47	02/21/22 20:55	7440-62-2		
Zinc	ND	mg/L	0.010	0.0070	1	02/21/22 08:47	02/21/22 20:55	7440-66-6		
2540C Total Dissolved Solids		Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	ND	mg/L	10.0	10.0	1		02/11/22 11:41			
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		02/16/22 08:45	16887-00-6		
Fluoride	ND	mg/L	0.10	0.050	1		02/16/22 08:45	16984-48-8		
Sulfate	ND	mg/L	1.0	0.50	1		02/16/22 08:45	14808-79-8		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: HUFFAKER ROAD LANDFILL
Pace Project No.: 92586613

Sample: FB-5 **Lab ID: 92586613020** Collected: 02/07/22 11:00 Received: 02/09/22 12:40 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA									
Calcium	ND	mg/L	1.0	0.12	1	02/21/22 08:51	02/22/22 02:38	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	0.00078	1	02/21/22 08:47	02/21/22 21:01	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	02/21/22 08:47	02/21/22 21:01	7440-38-2	
Barium	ND	mg/L	0.0050	0.00067	1	02/21/22 08:47	02/21/22 21:01	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/21/22 08:47	02/21/22 21:01	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/21/22 08:47	02/21/22 21:01	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/21/22 08:47	02/21/22 21:01	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/21/22 08:47	02/21/22 21:01	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/21/22 08:47	02/21/22 21:01	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/21/22 08:47	02/21/22 21:01	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/21/22 08:47	02/21/22 21:01	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/21/22 08:47	02/21/22 21:01	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/21/22 08:47	02/21/22 21:01	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/21/22 08:47	02/21/22 21:01	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/21/22 08:47	02/21/22 21:01	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/21/22 08:47	02/21/22 21:01	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	02/21/22 08:47	02/21/22 21:01	7440-66-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	ND	mg/L	10.0	10.0	1		02/11/22 11:41		
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		02/16/22 09:00	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/16/22 09:00	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		02/16/22 09:00	14808-79-8	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: HUFFAKER ROAD LANDFILL
Pace Project No.: 92586613

QC Batch: 679298 Analysis Method: EPA 6010D
QC Batch Method: EPA 3010A Analysis Description: 6010D ATL
Laboratory: Pace Analytical Services - Peachtree Corners, GA
Associated Lab Samples: 92586613001, 92586613002, 92586613003, 92586613004, 92586613005, 92586613006, 92586613007, 92586613008, 92586613009, 92586613010, 92586613011, 92586613012, 92586613013, 92586613014, 92586613015, 92586613016, 92586613017, 92586613018, 92586613019, 92586613020

METHOD BLANK: 3554413 Matrix: Water
Associated Lab Samples: 92586613001, 92586613002, 92586613003, 92586613004, 92586613005, 92586613006, 92586613007, 92586613008, 92586613009, 92586613010, 92586613011, 92586613012, 92586613013, 92586613014, 92586613015, 92586613016, 92586613017, 92586613018, 92586613019, 92586613020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Calcium	mg/L	ND	1.0	0.12	02/22/22 00:19	

LABORATORY CONTROL SAMPLE: 3554414

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Calcium	mg/L	1	1.1	111	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3554415 3554416

Parameter	Units	92586613003 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	59.2	62.7	18	369	75-125	6	20	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

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

QUALITY CONTROL DATA

Project: HUFFAKER ROAD LANDFILL
Pace Project No.: 92586613

QC Batch: 679295 Analysis Method: EPA 6020B
QC Batch Method: EPA 3005A Analysis Description: 6020 MET
Laboratory: Pace Analytical Services - Peachtree Corners, GA
Associated Lab Samples: 92586613001, 92586613002, 92586613003, 92586613004, 92586613005, 92586613006, 92586613007, 92586613008, 92586613009, 92586613010, 92586613011, 92586613012, 92586613013, 92586613014, 92586613015, 92586613016, 92586613017, 92586613018, 92586613019, 92586613020

METHOD BLANK: 3554405 Matrix: Water
Associated Lab Samples: 92586613001, 92586613002, 92586613003, 92586613004, 92586613005, 92586613006, 92586613007, 92586613008, 92586613009, 92586613010, 92586613011, 92586613012, 92586613013, 92586613014, 92586613015, 92586613016, 92586613017, 92586613018, 92586613019, 92586613020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	mg/L	ND	0.0030	0.00078	02/22/22 09:49	
Arsenic	mg/L	ND	0.0050	0.0011	02/22/22 09:49	
Barium	mg/L	ND	0.0050	0.00067	02/22/22 09:49	
Beryllium	mg/L	ND	0.00050	0.000054	02/22/22 09:49	
Boron	mg/L	ND	0.040	0.0086	02/22/22 09:49	
Cadmium	mg/L	ND	0.00050	0.00011	02/22/22 09:49	
Chromium	mg/L	ND	0.0050	0.0011	02/22/22 09:49	
Cobalt	mg/L	ND	0.0050	0.00039	02/22/22 09:49	
Copper	mg/L	ND	0.0050	0.00050	02/22/22 09:49	
Lead	mg/L	ND	0.0010	0.00089	02/22/22 09:49	
Nickel	mg/L	ND	0.0050	0.00071	02/22/22 09:49	
Selenium	mg/L	ND	0.0050	0.0014	02/22/22 09:49	
Silver	mg/L	ND	0.0050	0.00044	02/22/22 09:49	
Thallium	mg/L	ND	0.0010	0.00018	02/22/22 09:49	
Vanadium	mg/L	ND	0.010	0.0019	02/22/22 09:49	
Zinc	mg/L	ND	0.010	0.0070	02/22/22 09:49	

LABORATORY CONTROL SAMPLE: 3554406

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	mg/L	0.1	0.11	110	80-120	
Arsenic	mg/L	0.1	0.099	99	80-120	
Barium	mg/L	0.1	0.10	102	80-120	
Beryllium	mg/L	0.1	0.092	92	80-120	
Boron	mg/L	1	0.95	95	80-120	
Cadmium	mg/L	0.1	0.10	102	80-120	
Chromium	mg/L	0.1	0.10	100	80-120	
Cobalt	mg/L	0.1	0.10	100	80-120	
Copper	mg/L	0.1	0.10	100	80-120	
Lead	mg/L	0.1	0.10	102	80-120	
Nickel	mg/L	0.1	0.10	100	80-120	
Selenium	mg/L	0.1	0.10	103	80-120	
Silver	mg/L	0.1	0.10	102	80-120	
Thallium	mg/L	0.1	0.10	101	80-120	
Vanadium	mg/L	0.1	0.097	97	80-120	

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

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

QUALITY CONTROL DATA

Project: HUFFAKER ROAD LANDFILL

Pace Project No.: 92586613

LABORATORY CONTROL SAMPLE: 3554406

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Zinc	mg/L	0.1	0.10	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3554407 3554408

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		92586613002 Result	Spike Conc.	Spike Conc.	MS Result							MSD Result
Antimony	mg/L	ND	0.1	0.1	0.11	0.11	106	108	75-125	2	20	
Arsenic	mg/L	ND	0.1	0.1	0.10	0.10	101	100	75-125	1	20	
Barium	mg/L	0.18	0.1	0.1	0.28	0.29	99	103	75-125	1	20	
Beryllium	mg/L	ND	0.1	0.1	0.087	0.090	87	90	75-125	4	20	
Boron	mg/L	0.083	1	1	0.96	1.0	87	94	75-125	6	20	
Cadmium	mg/L	ND	0.1	0.1	0.098	0.099	98	99	75-125	2	20	
Chromium	mg/L	ND	0.1	0.1	0.099	0.10	98	100	75-125	2	20	
Cobalt	mg/L	ND	0.1	0.1	0.095	0.098	95	97	75-125	3	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	0.097	97	97	75-125	0	20	
Nickel	mg/L	ND	0.1	0.1	0.095	0.097	95	97	75-125	2	20	
Selenium	mg/L	ND	0.1	0.1	0.099	0.099	99	99	75-125	0	20	
Silver	mg/L	ND	0.1	0.1	0.098	0.097	98	97	75-125	2	20	
Thallium	mg/L	ND	0.1	0.1	0.097	0.097	97	97	75-125	0	20	
Vanadium	mg/L	ND	0.1	0.1	0.098	0.10	98	100	75-125	2	20	
Zinc	mg/L	ND	0.1	0.1	0.096	0.10	94	98	75-125	5	20	

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

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

QUALITY CONTROL DATA

Project: HUFFAKER ROAD LANDFILL
Pace Project No.: 92586613

QC Batch: 677214 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: 92586613001, 92586613002, 92586613003, 92586613004, 92586613005, 92586613006, 92586613007, 92586613008, 92586613009, 92586613010, 92586613011, 92586613012, 92586613013

METHOD BLANK: 3544553 Matrix: Water
Associated Lab Samples: 92586613001, 92586613002, 92586613003, 92586613004, 92586613005, 92586613006, 92586613007, 92586613008, 92586613009, 92586613010, 92586613011, 92586613012, 92586613013

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	02/11/22 10:42	

LABORATORY CONTROL SAMPLE: 3544554

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	400	383	96	80-120	

SAMPLE DUPLICATE: 3544555

Parameter	Units	92586430002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	ND	ND		25	

SAMPLE DUPLICATE: 3544556

Parameter	Units	92586613010 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	225	217	4	25	

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

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

QUALITY CONTROL DATA

Project: HUFFAKER ROAD LANDFILL
Pace Project No.: 92586613

QC Batch: 677216 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: 92586613014, 92586613015, 92586613016, 92586613017, 92586613018, 92586613019, 92586613020

METHOD BLANK: 3544560 Matrix: Water
Associated Lab Samples: 92586613014, 92586613015, 92586613016, 92586613017, 92586613018, 92586613019, 92586613020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	02/11/22 11:39	

LABORATORY CONTROL SAMPLE: 3544561

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	400	381	95	80-120	

SAMPLE DUPLICATE: 3544562

Parameter	Units	92586436027 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	162	168	4	25	

SAMPLE DUPLICATE: 3544563

Parameter	Units	92586613016 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	161	155	4	25	

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

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

QUALITY CONTROL DATA

Project: HUFFAKER ROAD LANDFILL
Pace Project No.: 92586613

QC Batch:	677753	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: 92586613001, 92586613002, 92586613003, 92586613004, 92586613005, 92586613006, 92586613007, 92586613008, 92586613009, 92586613010, 92586613011, 92586613012, 92586613013

METHOD BLANK: 3547291 Matrix: Water
Associated Lab Samples: 92586613001, 92586613002, 92586613003, 92586613004, 92586613005, 92586613006, 92586613007, 92586613008, 92586613009, 92586613010, 92586613011, 92586613012, 92586613013

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	02/12/22 23:13	
Fluoride	mg/L	ND	0.10	0.050	02/12/22 23:13	
Sulfate	mg/L	ND	1.0	0.50	02/12/22 23:13	

LABORATORY CONTROL SAMPLE: 3547292

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	50.4	101	90-110	
Fluoride	mg/L	2.5	2.5	101	90-110	
Sulfate	mg/L	50	49.3	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3547293 3547294

Parameter	Units	92586342013		3547294		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
Chloride	mg/L	8.1	50	50	65.1	65.3	114	114	90-110	0	10 M1
Fluoride	mg/L	0.18	2.5	2.5	3.2	3.2	121	121	90-110	0	10 M1
Sulfate	mg/L	304	50	50	353	356	98	105	90-110	1	10

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3547295 3547296

Parameter	Units	92586613004		3547296		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
Chloride	mg/L	3.3	50	50	60.6	60.9	115	115	90-110	0	10 M1
Fluoride	mg/L	0.11	2.5	2.5	3.1	3.1	119	119	90-110	1	10 M1
Sulfate	mg/L	170	50	50	227	227	116	115	90-110	0	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

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

QUALITY CONTROL DATA

Project: HUFFAKER ROAD LANDFILL
Pace Project No.: 92586613

QC Batch: 678236 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: 92586613014, 92586613015, 92586613016, 92586613017

METHOD BLANK: 3549599 Matrix: Water
Associated Lab Samples: 92586613014, 92586613015, 92586613016, 92586613017

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	02/15/22 09:24	
Fluoride	mg/L	ND	0.10	0.050	02/15/22 09:24	
Sulfate	mg/L	ND	1.0	0.50	02/15/22 09:24	

LABORATORY CONTROL SAMPLE: 3549600

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	51.3	103	90-110	
Fluoride	mg/L	2.5	2.5	98	90-110	
Sulfate	mg/L	50	50.8	102	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3549601 3549602

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		92587091003	Result	Spike Conc.	Spike Conc.								
Chloride	mg/L	3.2	50	50	56.7	57.6	107	109	90-110	2	10		
Fluoride	mg/L	ND	2.5	2.5	2.8	2.8	110	112	90-110	2	10	M1	
Sulfate	mg/L	50.9	50	50	87.2	88.3	73	75	90-110	1	10	M1	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3549603 3549604

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		92587240001	Result	Spike Conc.	Spike Conc.								
Chloride	mg/L	9.5	50	50	2.9	2.9	-13	-13	90-110	1	10	M1	
Fluoride	mg/L	0.29	2.5	2.5	0.11	0.11	-7	-7	90-110	2	10	M1	
Sulfate	mg/L	1.5	50	50	2.4	2.3	2	2	90-110	2	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

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

QUALITY CONTROL DATA

Project: HUFFAKER ROAD LANDFILL
Pace Project No.: 92586613

QC Batch: 678309 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: 92586613018, 92586613019, 92586613020

METHOD BLANK: 3549772 Matrix: Water
Associated Lab Samples: 92586613018, 92586613019, 92586613020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	02/16/22 07:00	
Fluoride	mg/L	ND	0.10	0.050	02/16/22 07:00	
Sulfate	mg/L	ND	1.0	0.50	02/16/22 07:00	

LABORATORY CONTROL SAMPLE: 3549773

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	49.2	98	90-110	
Fluoride	mg/L	2.5	2.5	99	90-110	
Sulfate	mg/L	50	48.2	96	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3549774 3549775

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		92586613018 Result	Spike Conc.	Spike Conc.	Conc.								
Chloride	mg/L	0.70J	50	50	51.9	51.3	102	101	90-110	1	10		
Fluoride	mg/L	0.082J	2.5	2.5	2.7	2.6	104	103	90-110	1	10		
Sulfate	mg/L	13.0	50	50	64.4	63.7	103	102	90-110	1	10		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3549776 3549777

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		92587322007 Result	Spike Conc.	Spike Conc.	Conc.								
Chloride	mg/L	117	50	50	163	162	92	90	90-110	1	10		
Fluoride	mg/L	0.055J	2.5	2.5	2.7	2.7	106	104	90-110	1	10		
Sulfate	mg/L	364	50	50	407	406	87	84	90-110	0	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

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

QUALIFIERS

Project: HUFFAKER ROAD LANDFILL

Pace Project No.: 92586613

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

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: HUFFAKER ROAD LANDFILL

Pace Project No.: 92586613

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92586613001	GWA-1				
92586613002	GWA-2				
92586613003	GWA-3				
92586613004	GWA-4				
92586613005	GWA-11				
92586613006	GWC-5				
92586613007	GWC-6				
92586613008	GWC-7				
92586613009	GWC-8				
92586613010	GWC-9				
92586613011	GWC-10				
92586613012	GWC-18				
92586613014	GWC-19				
92586613015	GWC-20				
92586613016	GWC-21				
92586613017	GWC-22				
92586613018	GWC-23				
92586613001	GWA-1	EPA 3010A	679298	EPA 6010D	679690
92586613002	GWA-2	EPA 3010A	679298	EPA 6010D	679690
92586613003	GWA-3	EPA 3010A	679298	EPA 6010D	679690
92586613004	GWA-4	EPA 3010A	679298	EPA 6010D	679690
92586613005	GWA-11	EPA 3010A	679298	EPA 6010D	679690
92586613006	GWC-5	EPA 3010A	679298	EPA 6010D	679690
92586613007	GWC-6	EPA 3010A	679298	EPA 6010D	679690
92586613008	GWC-7	EPA 3010A	679298	EPA 6010D	679690
92586613009	GWC-8	EPA 3010A	679298	EPA 6010D	679690
92586613010	GWC-9	EPA 3010A	679298	EPA 6010D	679690
92586613011	GWC-10	EPA 3010A	679298	EPA 6010D	679690
92586613012	GWC-18	EPA 3010A	679298	EPA 6010D	679690
92586613013	DUP-5	EPA 3010A	679298	EPA 6010D	679690
92586613014	GWC-19	EPA 3010A	679298	EPA 6010D	679690
92586613015	GWC-20	EPA 3010A	679298	EPA 6010D	679690
92586613016	GWC-21	EPA 3010A	679298	EPA 6010D	679690
92586613017	GWC-22	EPA 3010A	679298	EPA 6010D	679690
92586613018	GWC-23	EPA 3010A	679298	EPA 6010D	679690
92586613019	EB-5	EPA 3010A	679298	EPA 6010D	679690
92586613020	FB-5	EPA 3010A	679298	EPA 6010D	679690
92586613001	GWA-1	EPA 3005A	679295	EPA 6020B	679709
92586613002	GWA-2	EPA 3005A	679295	EPA 6020B	679709
92586613003	GWA-3	EPA 3005A	679295	EPA 6020B	679709
92586613004	GWA-4	EPA 3005A	679295	EPA 6020B	679709
92586613005	GWA-11	EPA 3005A	679295	EPA 6020B	679709
92586613006	GWC-5	EPA 3005A	679295	EPA 6020B	679709
92586613007	GWC-6	EPA 3005A	679295	EPA 6020B	679709
92586613008	GWC-7	EPA 3005A	679295	EPA 6020B	679709
92586613009	GWC-8	EPA 3005A	679295	EPA 6020B	679709
92586613010	GWC-9	EPA 3005A	679295	EPA 6020B	679709
92586613011	GWC-10	EPA 3005A	679295	EPA 6020B	679709

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: HUFFAKER ROAD LANDFILL
Pace Project No.: 92586613

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92586613012	GWC-18	EPA 3005A	679295	EPA 6020B	679709
92586613013	DUP-5	EPA 3005A	679295	EPA 6020B	679709
92586613014	GWC-19	EPA 3005A	679295	EPA 6020B	679709
92586613015	GWC-20	EPA 3005A	679295	EPA 6020B	679709
92586613016	GWC-21	EPA 3005A	679295	EPA 6020B	679709
92586613017	GWC-22	EPA 3005A	679295	EPA 6020B	679709
92586613018	GWC-23	EPA 3005A	679295	EPA 6020B	679709
92586613019	EB-5	EPA 3005A	679295	EPA 6020B	679709
92586613020	FB-5	EPA 3005A	679295	EPA 6020B	679709
92586613001	GWA-1	SM 2540C-2015	677214		
92586613002	GWA-2	SM 2540C-2015	677214		
92586613003	GWA-3	SM 2540C-2015	677214		
92586613004	GWA-4	SM 2540C-2015	677214		
92586613005	GWA-11	SM 2540C-2015	677214		
92586613006	GWC-5	SM 2540C-2015	677214		
92586613007	GWC-6	SM 2540C-2015	677214		
92586613008	GWC-7	SM 2540C-2015	677214		
92586613009	GWC-8	SM 2540C-2015	677214		
92586613010	GWC-9	SM 2540C-2015	677214		
92586613011	GWC-10	SM 2540C-2015	677214		
92586613012	GWC-18	SM 2540C-2015	677214		
92586613013	DUP-5	SM 2540C-2015	677214		
92586613014	GWC-19	SM 2540C-2015	677216		
92586613015	GWC-20	SM 2540C-2015	677216		
92586613016	GWC-21	SM 2540C-2015	677216		
92586613017	GWC-22	SM 2540C-2015	677216		
92586613018	GWC-23	SM 2540C-2015	677216		
92586613019	EB-5	SM 2540C-2015	677216		
92586613020	FB-5	SM 2540C-2015	677216		
92586613001	GWA-1	EPA 300.0 Rev 2.1 1993	677753		
92586613002	GWA-2	EPA 300.0 Rev 2.1 1993	677753		
92586613003	GWA-3	EPA 300.0 Rev 2.1 1993	677753		
92586613004	GWA-4	EPA 300.0 Rev 2.1 1993	677753		
92586613005	GWA-11	EPA 300.0 Rev 2.1 1993	677753		
92586613006	GWC-5	EPA 300.0 Rev 2.1 1993	677753		
92586613007	GWC-6	EPA 300.0 Rev 2.1 1993	677753		
92586613008	GWC-7	EPA 300.0 Rev 2.1 1993	677753		
92586613009	GWC-8	EPA 300.0 Rev 2.1 1993	677753		
92586613010	GWC-9	EPA 300.0 Rev 2.1 1993	677753		
92586613011	GWC-10	EPA 300.0 Rev 2.1 1993	677753		
92586613012	GWC-18	EPA 300.0 Rev 2.1 1993	677753		
92586613013	DUP-5	EPA 300.0 Rev 2.1 1993	677753		
92586613014	GWC-19	EPA 300.0 Rev 2.1 1993	678236		
92586613015	GWC-20	EPA 300.0 Rev 2.1 1993	678236		
92586613016	GWC-21	EPA 300.0 Rev 2.1 1993	678236		
92586613017	GWC-22	EPA 300.0 Rev 2.1 1993	678236		

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: HUFFAKER ROAD LANDFILL
Pace Project No.: 92586613

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92586613018	GWC-23	EPA 300.0 Rev 2.1 1993	678309		
92586613019	EB-5	EPA 300.0 Rev 2.1 1993	678309		
92586613020	FB-5	EPA 300.0 Rev 2.1 1993	678309		

REPORT OF LABORATORY ANALYSIS

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



Document Name: Sample Condition Upon Receipt (SCUR)	Document Revised: November 15, 2021 Page 1 of 2
Document No.: F-CAR-CS-033-Rev.08	Issuing Authority: Pace Carolinas Quality Office

Laboratory receiving samples:

Asheville Eden Greenwood Huntersville Raleigh Mechanicsville Atlanta Kernersville

Sample Condition Upon Receipt

Client Name: GA Power

Project #: **WO#: 92586613**

Courier: Fed Ex UPS USPS Client
 Commercial Pace Other:



Custody Seal Present? Yes No Seals Intact? Yes No

Date/Initials Person Examining Contents: 2/7/22
COH

Packing Material: Bubbie Wrap Bubbie Bags None Other

Biological Tissue Frozen? Yes No N/A

Thermometer: IR Gun ID: 083 Type of Ice: Wet Blue None

Cooler Temp: 1.9 Correction Factor: Add/Subtract (°C) +0.2

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 No

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

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

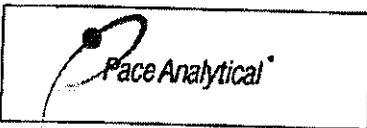
Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: _____

Date: _____

Project Manager SRF Review: _____

Date: _____



Document Name:
Sample Condition Upon Receipt (SCUR)
 Document No.:
F-CAR-CS-033-Rev.08

Document Revised: November 15, 2021
 Page 1 of 2
 Issuing Authority:
 Pace Carolinas Quality Office

Laboratory receiving samples:

Asheville Eden Greenwood Huntersville Raleigh Mechanicsville Atlanta Kernersville

Sample Condition Upon Receipt

Client Name:

GA Power

Project #:

WO# : 92586613

PM: NMG Due Date: 02/21/22

CLIENT: GA-GA Power

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

Custody Seal Present? Yes No Seals Intact? Yes No

Date/Initials Person Examining Contents: JRE 2/19/22

Packing Material: Bubble Wrap Bubble Bags None Other

Thermometer: IR Gun ID: 083 Type of Ice: Wet Blue None

Biological Tissue Frozen? Yes No N/A

Cooler Temp: 2.4 Correction Factor: +0.2
 Add/Subtract (°C)

Temp should be above freezing to 6°C
 Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C): 2.6

USDA Regulated Soil (N/A, water sample)

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

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

			Comments/Discrepancy:
Chain of Custody Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.	
Samples Arrived within Hold Time?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.	
Short Hold Time Analysis (<72 hr.)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	3.	
Rush Turn Around Time Requested?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	4.	
Sufficient Volume?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.	
Correct Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6.	
-Pace Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
Containers Intact?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	7.	
Dissolved analysis: Samples Field Filtered?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input 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>WT</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

CLIENT NOTIFICATION/RESOLUTION

Lot ID of split containers:

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: _____ Date: _____

Project Manager SRF Review: _____ Date: _____

Data Validation Report

Memorandum

Date: March 30, 2022
To: Christine Hug
From: Ashley Wilson
CC: J. Caprio
Subject: **Stage 2A Data Validation - Level II Data Deliverable – Pace Analytical Project No.: 92586613 Revision 1**

SITE: Huffaker Road Landfill

INTRODUCTION

This report summarizes the findings of the Stage 2A data validation of seventeen aqueous samples, one field blank, one equipment blank and one field duplicate, collected 4 and 7 February 2022, as part of the Huffaker Road Landfill sampling event.

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

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

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

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

EXECUTIVE SUMMARY

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

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

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

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

Laboratory IDs	Client IDs
92586613001	GWA-1
92586613002	GWA-2
92586613003	GWA-3
92586613004	GWA-4
92586613005	GWA-11
92586613006	GWC-5
92586613007	GWC-6
92586613008	GWC-7
92586613009	GWC-8
92586613010	GWC-9

Laboratory IDs	Client IDs
92586613011	GWC-10
92586613012	GWC-18
92586613013	DUP-5
92586613014	GWC-19
92586613015	GWC-20
92586613016	GWC-21
92586613017	GWC-22
92586613018	GWC-23
92586613019	EB-5
92586613020	FB-5

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 on March 10, 2022, to include updated COC, per client request. The revised report was identified as 92586613 Revision 1.

Incorrect error corrections were observed on the COC, instead of the proper procedure of a single strike through, correction, and initials and date of person making the corrections.

1.0 METALS

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

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

- ✓ Overall Assessment
- ✓ Holding Time
- ✓ Method Blank
- ✓ Matrix Spike/Matrix Spike Duplicate
- ✓ Laboratory Control Sample

- ✓ Equipment Blank
- ✓ Field Blank
- ✓ Field Duplicate
- ✓ Sensitivity
- ✓ Electronic Data Deliverable Review

1.1 Overall Assessment

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

1.2 Holding Time

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

1.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). One method blank was reported for metals by US EPA methods 3005A/6020B (batch 679295) and one method blank for calcium by US EPA Methods 3010A/6010D (batch 679298). Metals were not detected in the method blanks 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). One sample set specific MS/MSD pair was reported for metals by US EPA methods 3005A/6020B, using sample GWA-2, and one sample set specific MS/MSD pair was reported for calcium by US EPA Methods 3010A/6010D, using sample GWA-3. The recovery and relative percent difference (RPD) results were within the laboratory specified acceptance criteria, with the following exceptions.

The MS recovery of calcium from the MS/MSD pair using sample GWA-3 was low and outside the laboratory specified acceptance criteria and the MSD recovery was high and outside of laboratory specified acceptance criteria. Since the concentration of calcium was greater than four times the spike concentration, the recovery limits were not applicable. Therefore, no qualifications were applied to the calcium data.

1.5 Laboratory Control Sample (LCS)

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

1.6 Equipment Blank

One equipment blank was collected with the sample set, EB-5. Metals were not detected in the equipment blank above the MDLs.

1.7 Field Blank

One field blank was collected with the sample set, FB-5. Metals were not detected in the field blank above the MDLs.

1.8 Field Duplicate

One field duplicate was collected with the sample set, DUP-5. Acceptable precision ($RPD \leq 30\%$) was demonstrated between the field duplicate and the original sample, GWC-8.

1.9 Sensitivity

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

1.10 Electronic Data Deliverable (EDD) Review

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

2.0 WET CHEMISTRY

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

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

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

2.1 Overall Assessment

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

2.2 Holding Times

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

2.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Two method blanks were reported for TDS (batches 677214 and 677216) and three method blanks were reported for the anions (batches 677753, 678236 and 678309). The wet chemistry parameters were not detected in the method blanks above the MDLs.

2.4 Matrix Spike/Matrix Spike Duplicate

MS/MSDs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Two sample set specific MS/MSD pairs were reported for the anions using samples GWA-4 and GWC-23. The recovery and RPD results were within the laboratory specified acceptance criteria, with the following exceptions.

The recoveries of chloride, fluoride and sulfate in the MS/MSD pair using sample GWA-4 were high and outside the laboratory specified acceptance criteria. Therefore, the concentrations of chloride, fluoride and sulfate in sample GWA-4 were J+ qualified as estimated with high biases.

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

Sample	Analyte	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
GWA-4	Chloride	3.3	M1	3.3	J+	4
GWA-4	Fluoride	0.11	M1	0.11	J+	4
GWA-4	Sulfate	170	M1	170	J+	4

mg/L-milligrams per liter

M1-laboratory flag indicating MS recovery exceeded QC limits

* 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

2.5 Laboratory Control Sample

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

2.6 Laboratory Duplicate

Laboratory duplicates were reported for TDS using samples GWC-9 and GWC-21. The recovery results were within the laboratory specified acceptance criteria.

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

2.7 Equipment Blank

One equipment blank was collected with the sample set, EB-5. The wet chemistry parameters were not detected in the equipment blank above the MDLs.

2.8 Field Blank

One field blank was collected with the sample set, FB-5. The wet chemistry parameters were not detected in the field blank above the MDLs.

2.9 **Field Duplicate**

One field duplicate was collected with the sample set, DUP-5. Acceptable precision ($RPD \leq 30\%$) was demonstrated between the field duplicate and the original sample, GWC-8.

2.10 **Sensitivity**

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

2.11 **Electronic Data Deliverable Review**

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

* * * * *

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

DATA QUALIFIER DEFINITIONS

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

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

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

RPD-relative percent difference

Field Sampling Forms

Low-Flow Test Report:

Test Date / Time: 2/4/2022 9:48:49 AM

Project: GP-Plant Hammond

Operator Name: Connor 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: 10.53 ft	Pump Type: Peristaltic Tubing Type: Poly Pump Intake From TOC: 34.30 ft Estimated Total Volume Pumped: 6 liter Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.32 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850724
--	--	--

Test Notes:

Three bottles: Metals, TDS, Inorganics. Total depth = 39.30 ft

Weather Conditions:

Cloudy, 38 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	
2/4/2022 9:48 AM	00:00	7.31 pH	12.21 °C	173.65 µS/cm	2.57 mg/L	6.53 NTU	-35.1 mV	10.65 ft	200.00 ml/min
2/4/2022 9:53 AM	05:00	7.26 pH	13.51 °C	174.18 µS/cm	1.14 mg/L	5.34 NTU	-42.9 mV	10.68 ft	200.00 ml/min
2/4/2022 9:58 AM	10:00	7.27 pH	13.67 °C	171.51 µS/cm	1.92 mg/L	4.37 NTU	-50.3 mV	10.72 ft	200.00 ml/min
2/4/2022 10:03 AM	15:00	7.21 pH	13.86 °C	164.19 µS/cm	2.49 mg/L	3.22 NTU	-52.6 mV	10.77 ft	200.00 ml/min
2/4/2022 10:08 AM	20:00	7.22 pH	13.72 °C	162.65 µS/cm	2.60 mg/L	2.15 NTU	-38.3 mV	10.80 ft	200.00 ml/min
2/4/2022 10:13 AM	25:00	7.20 pH	13.83 °C	159.81 µS/cm	2.49 mg/L	1.26 NTU	-39.3 mV	10.80 ft	200.00 ml/min
2/4/2022 10:18 AM	30:00	7.18 pH	14.13 °C	155.45 µS/cm	2.44 mg/L	1.54 NTU	-42.5 mV	10.85 ft	200.00 ml/min

Samples

Sample ID:	Description:
GWA-1	Grab sample.

Low-Flow Test Report:

Test Date / Time: 2/4/2022 9:44:14 AM

Project: GP-Plant Hammond

Operator Name: Anthony Szwast

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: 5.05 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: 0.23 ft	Instrument Used: Aqua TROLL 400 Serial Number: 843593
---	--	--

Test Notes:

Three bottles: Metals, TDS, Inorganics. Total depth = 25.81 ft

Weather Conditions:

Cloudy, 45 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	
2/4/2022 9:44 AM	00:00	6.97 pH	13.22 °C	432.36 µS/cm	0.28 mg/L	13.70 NTU	8.2 mV	5.24 ft	200.00 ml/min
2/4/2022 9:49 AM	05:00	6.97 pH	13.41 °C	431.95 µS/cm	0.35 mg/L	5.11 NTU	-17.7 mV	5.26 ft	200.00 ml/min
2/4/2022 9:54 AM	10:00	6.96 pH	13.49 °C	432.22 µS/cm	0.28 mg/L	4.66 NTU	-11.5 mV	5.28 ft	200.00 ml/min
2/4/2022 9:59 AM	15:00	6.97 pH	13.49 °C	432.40 µS/cm	0.24 mg/L	3.39 NTU	-30.6 mV	5.28 ft	200.00 ml/min
2/4/2022 10:04 AM	20:00	6.97 pH	13.59 °C	433.11 µS/cm	0.20 mg/L	3.31 NTU	-16.7 mV	5.28 ft	200.00 ml/min
2/4/2022 10:09 AM	25:00	6.97 pH	13.70 °C	433.56 µS/cm	0.18 mg/L	2.40 NTU	-19.8 mV	5.28 ft	200.00 ml/min
2/4/2022 10:14 AM	30:00	6.98 pH	13.72 °C	435.39 µS/cm	0.15 mg/L	1.71 NTU	-39.2 mV	5.28 ft	200.00 ml/min

Samples

Sample ID:	Description:
GWA-2	Grab sample.

Low-Flow Test Report:

Test Date / Time: 2/4/2022 10:59:46 AM

Project: GP-Plant Hammond

Operator Name: Thomas Kessler

Location Name: GWA-3 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 11.09 ft Total Depth: 21.09 ft Initial Depth to Water: 3.35 ft	Pump Type: Peristaltic Tubing Type: Poly Pump Intake From TOC: 16.09 ft Estimated Total Volume Pumped: 9 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: 728634
---	--	--

Test Notes:

Three bottles: Metals, TDS, Inorganics. Total depth = 21.09 ft

Weather Conditions:

Lousy, 45 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	
2/4/2022 10:59 AM	00:00	6.92 pH	11.70 °C	545.40 µS/cm	4.04 mg/L	5.00 NTU	2.1 mV	3.60 ft	200.00 ml/min
2/4/2022 11:04 AM	05:00	6.87 pH	11.86 °C	542.61 µS/cm	3.36 mg/L	3.92 NTU	-0.1 mV	3.60 ft	200.00 ml/min
2/4/2022 11:09 AM	10:00	6.83 pH	11.92 °C	539.31 µS/cm	2.98 mg/L	4.70 NTU	-3.6 mV	3.60 ft	200.00 ml/min
2/4/2022 11:14 AM	15:00	6.81 pH	12.11 °C	533.06 µS/cm	2.65 mg/L	2.48 NTU	-0.5 mV	3.60 ft	200.00 ml/min
2/4/2022 11:19 AM	20:00	6.78 pH	12.12 °C	526.49 µS/cm	2.19 mg/L	2.44 NTU	-3.1 mV	3.60 ft	200.00 ml/min
2/4/2022 11:24 AM	25:00	6.78 pH	12.21 °C	529.63 µS/cm	2.14 mg/L	2.46 NTU	-0.5 mV	3.60 ft	200.00 ml/min
2/4/2022 11:29 AM	30:00	6.75 pH	12.27 °C	522.77 µS/cm	1.75 mg/L	1.34 NTU	-3.7 mV	3.60 ft	200.00 ml/min
2/4/2022 11:34 AM	35:00	6.76 pH	12.32 °C	521.82 µS/cm	1.67 mg/L	2.28 NTU	-3.8 mV	3.60 ft	200.00 ml/min
2/4/2022 11:39 AM	40:00	6.75 pH	12.48 °C	523.54 µS/cm	1.63 mg/L	1.17 NTU	-1.6 mV	3.60 ft	200.00 ml/min

Samples

Sample ID:	Description:
GWA-3	Grab sample.

Low-Flow Test Report:

Test Date / Time: 2/4/2022 9:28:30 AM

Project: GP-Plant Hammond

Operator Name: Thomas Kessler

Location Name: GWA-4 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 11.39 ft Total Depth: 21.39 ft Initial Depth to Water: 8.39 ft	Pump Type: Peristaltic Tubing Type: Poly Pump Intake From TOC: 16.39 ft Estimated Total Volume Pumped: 12 liter Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.31 ft	Instrument Used: Aqua TROLL 400 Serial Number: 728634
---	---	--

Test Notes:

Three bottles: Metals, TDS, Inorganics. Total depth = 21.39 ft

Weather Conditions:

Cloudy, 45 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	
2/4/2022 9:28 AM	00:00	7.38 pH	11.20 °C	657.62 µS/cm	3.30 mg/L	0.83 NTU	12.8 mV	8.55 ft	200.00 ml/min
2/4/2022 9:33 AM	05:00	7.36 pH	12.54 °C	654.24 µS/cm	2.91 mg/L	1.86 NTU	17.2 mV	8.65 ft	200.00 ml/min
2/4/2022 9:38 AM	10:00	7.35 pH	12.71 °C	653.88 µS/cm	2.71 mg/L	1.65 NTU	16.4 mV	8.65 ft	200.00 ml/min
2/4/2022 9:43 AM	15:00	7.34 pH	12.84 °C	655.35 µS/cm	2.47 mg/L	0.98 NTU	12.3 mV	8.65 ft	200.00 ml/min
2/4/2022 9:48 AM	20:00	7.32 pH	12.84 °C	660.25 µS/cm	2.23 mg/L	0.65 NTU	9.5 mV	8.70 ft	200.00 ml/min
2/4/2022 9:53 AM	25:00	7.30 pH	12.84 °C	665.59 µS/cm	2.03 mg/L	1.24 NTU	7.1 mV	8.70 ft	200.00 ml/min
2/4/2022 9:58 AM	30:00	7.28 pH	12.96 °C	667.30 µS/cm	1.87 mg/L	0.96 NTU	5.1 mV	8.70 ft	200.00 ml/min
2/4/2022 10:03 AM	35:00	7.25 pH	12.94 °C	672.09 µS/cm	1.70 mg/L	0.99 NTU	3.7 mV	8.70 ft	200.00 ml/min
2/4/2022 10:08 AM	40:00	7.21 pH	13.03 °C	675.58 µS/cm	1.48 mg/L	0.58 NTU	2.4 mV	8.70 ft	200.00 ml/min
2/4/2022 10:13 AM	45:00	7.17 pH	13.14 °C	680.85 µS/cm	1.31 mg/L	0.58 NTU	4.5 mV	8.70 ft	200.00 ml/min
2/4/2022 10:18 AM	50:00	7.12 pH	13.12 °C	688.47 µS/cm	1.12 mg/L	0.53 NTU	1.4 mV	8.70 ft	200.00 ml/min
2/4/2022 10:23 AM	55:00	7.11 pH	13.10 °C	690.44 µS/cm	1.30 mg/L	0.73 NTU	0.2 mV	8.70 ft	200.00 ml/min

Samples

Sample ID:	Description:
GWA-4	Grab sample.

Low-Flow Test Report:

Test Date / Time: 2/4/2022 11:20:39 AM

Project: GP-Plant Hammond

Operator Name: Connor Cain

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: 15.86 ft	Pump Type: Peristaltic Tubing Type: Poly Pump Intake From TOC: 30.90 ft Estimated Total Volume Pumped: 12 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: 850724
---	---	--

Test Notes:

Three bottles: Metals, TDS, Inorganics. Total depth = 35.90 ft

Weather Conditions:

Cloudy, 38 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	
2/4/2022 11:20 AM	00:00	7.00 pH	13.13 °C	182.60 µS/cm	2.20 mg/L	13.90 NTU	2.5 mV	15.86 ft	200.00 ml/min
2/4/2022 11:25 AM	05:00	6.97 pH	13.71 °C	188.45 µS/cm	1.26 mg/L	5.84 NTU	-14.9 mV	15.88 ft	200.00 ml/min
2/4/2022 11:30 AM	10:00	6.95 pH	13.67 °C	167.45 µS/cm	1.19 mg/L	5.65 NTU	-16.1 mV	15.88 ft	200.00 ml/min
2/4/2022 11:35 AM	15:00	6.95 pH	14.04 °C	180.83 µS/cm	1.26 mg/L	5.70 NTU	-16.6 mV	15.88 ft	200.00 ml/min
2/4/2022 11:40 AM	20:00	6.95 pH	14.15 °C	176.69 µS/cm	1.18 mg/L	4.84 NTU	-24.1 mV	15.88 ft	200.00 ml/min
2/4/2022 11:45 AM	25:00	6.92 pH	14.17 °C	189.24 µS/cm	0.88 mg/L	3.36 NTU	-19.9 mV	15.88 ft	200.00 ml/min
2/4/2022 11:50 AM	30:00	6.93 pH	14.17 °C	170.00 µS/cm	0.95 mg/L	3.03 NTU	-26.2 mV	15.88 ft	200.00 ml/min
2/4/2022 11:55 AM	35:00	6.95 pH	14.21 °C	169.80 µS/cm	0.93 mg/L	3.71 NTU	-20.1 mV	15.88 ft	200.00 ml/min
2/4/2022 12:00 PM	40:00	6.95 pH	14.22 °C	188.10 µS/cm	1.14 mg/L	3.32 NTU	-26.9 mV	15.88 ft	200.00 ml/min
2/4/2022 12:05 PM	45:00	6.90 pH	14.09 °C	188.45 µS/cm	0.73 mg/L	1.96 NTU	-19.5 mV	15.88 ft	200.00 ml/min
2/4/2022 12:10 PM	50:00	6.92 pH	14.04 °C	189.69 µS/cm	0.85 mg/L	1.58 NTU	-30.0 mV	15.91 ft	200.00 ml/min
2/4/2022 12:15 PM	55:00	6.92 pH	13.79 °C	186.70 µS/cm	0.84 mg/L	2.23 NTU	-27.7 mV	15.91 ft	200.00 ml/min

Samples

Sample ID:	Description:
GWA-11	Grab sample.

Low-Flow Test Report:

Test Date / Time: 2/4/2022 3:36:02 PM

Project: GP-Plant Hammond

Operator Name: Anthony Szwast

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: 4.2 ft	Pump Type: Peristaltic Tubing Type: Poly Pump Intake From TOC: 16.41 ft Estimated Total Volume Pumped: 10 liter Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.29 ft	Instrument Used: Aqua TROLL 400 Serial Number: 843593
--	---	--

Test Notes:

Three bottles: Metals, TDS, Inorganics. Total depth = 21.41 ft

Weather Conditions:

Cloudy, 45 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	
2/4/2022 3:36 PM	00:00	6.96 pH	11.39 °C	574.58 µS/cm	2.71 mg/L	5.04 NTU	41.9 mV	4.43 ft	200.00 ml/min
2/4/2022 3:41 PM	05:00	6.94 pH	12.03 °C	576.42 µS/cm	2.32 mg/L	4.02 NTU	23.8 mV	4.45 ft	200.00 ml/min
2/4/2022 3:46 PM	10:00	6.92 pH	12.13 °C	577.58 µS/cm	1.96 mg/L	4.57 NTU	10.4 mV	4.46 ft	200.00 ml/min
2/4/2022 3:51 PM	15:00	6.91 pH	12.12 °C	572.59 µS/cm	1.78 mg/L	3.87 NTU	10.9 mV	4.46 ft	200.00 ml/min
2/4/2022 3:56 PM	20:00	6.92 pH	11.96 °C	578.19 µS/cm	1.69 mg/L	3.23 NTU	2.6 mV	4.46 ft	200.00 ml/min
2/4/2022 4:01 PM	25:00	6.90 pH	12.35 °C	581.35 µS/cm	1.45 mg/L	2.26 NTU	4.9 mV	4.47 ft	200.00 ml/min
2/4/2022 4:06 PM	30:00	6.93 pH	12.12 °C	574.73 µS/cm	1.39 mg/L	2.98 NTU	-3.6 mV	4.47 ft	200.00 ml/min
2/4/2022 4:11 PM	35:00	6.92 pH	12.19 °C	583.04 µS/cm	1.21 mg/L	2.58 NTU	-7.5 mV	4.48 ft	200.00 ml/min
2/4/2022 4:16 PM	40:00	6.91 pH	12.18 °C	579.80 µS/cm	1.18 mg/L	1.75 NTU	-0.1 mV	4.48 ft	200.00 ml/min
2/4/2022 4:21 PM	45:00	6.92 pH	12.07 °C	578.84 µS/cm	1.15 mg/L	2.58 NTU	-8.9 mV	4.49 ft	200.00 ml/min

Samples

Sample ID:	Description:
------------	--------------

GWC-5	Grab sample.
-------	--------------

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/4/2022 12:42:48 PM

Project: GP-Plant Hammond

Operator Name: Thomas Kessler

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: 15.09 ft	Pump Type: Peristaltic Tubing Type: Poly Pump Intake From TOC: 37.58 ft Estimated Total Volume Pumped: 9 liter Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.11 ft	Instrument Used: Aqua TROLL 400 Serial Number: 728634
--	--	--

Test Notes:

Three bottles: Metals, TDS, Inorganics. Total depth = 42.58 ft

Weather Conditions:

Cloudy, 45 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	
2/4/2022 12:42 PM	00:00	7.12 pH	13.69 °C	484.36 µS/cm	0.71 mg/L	30.30 NTU	-34.2 mV	15.20 ft	200.00 ml/min
2/4/2022 12:47 PM	05:00	7.17 pH	14.57 °C	480.39 µS/cm	0.27 mg/L	16.00 NTU	-39.4 mV	15.20 ft	200.00 ml/min
2/4/2022 12:52 PM	10:00	7.19 pH	14.57 °C	478.59 µS/cm	0.20 mg/L	12.50 NTU	-51.1 mV	15.20 ft	200.00 ml/min
2/4/2022 12:57 PM	15:00	7.20 pH	14.68 °C	479.53 µS/cm	0.17 mg/L	10.94 NTU	-45.8 mV	15.20 ft	200.00 ml/min
2/4/2022 1:02 PM	20:00	7.21 pH	14.51 °C	480.29 µS/cm	0.16 mg/L	7.70 NTU	-56.6 mV	15.20 ft	200.00 ml/min
2/4/2022 1:07 PM	25:00	7.22 pH	14.74 °C	479.11 µS/cm	0.14 mg/L	6.95 NTU	-49.3 mV	15.20 ft	200.00 ml/min
2/4/2022 1:12 PM	30:00	7.22 pH	14.34 °C	483.77 µS/cm	0.14 mg/L	5.73 NTU	-59.9 mV	15.20 ft	200.00 ml/min
2/4/2022 1:17 PM	35:00	7.21 pH	13.98 °C	486.02 µS/cm	0.13 mg/L	4.39 NTU	-60.1 mV	15.20 ft	200.00 ml/min

Samples

Sample ID:	Description:
GWC-6	Grab sample.

Low-Flow Test Report:

Test Date / Time: 2/4/2022 3:28:06 PM

Project: GP-Plant Hammond

Operator Name: Connor 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: 14.15 ft	Pump Type: Peri Tubing Type: Poly Pump Intake From TOC: 26.91 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: 850724
--	--	--

Test Notes:

Three bottles: Metals, TDS, Inorganics. Total depth = 31.91 ft

Weather Conditions:

Cloudy, 38 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	
2/4/2022 3:28 PM	00:00	6.94 pH	12.72 °C	659.09 µS/cm	0.75 mg/L	11.33 NTU	-43.9 mV	14.52 ft	200.00 ml/min
2/4/2022 3:33 PM	05:00	6.90 pH	13.58 °C	640.76 µS/cm	0.57 mg/L	8.23 NTU	-49.1 mV	14.52 ft	200.00 ml/min
2/4/2022 3:38 PM	10:00	6.85 pH	13.76 °C	608.23 µS/cm	0.60 mg/L	4.69 NTU	-51.4 mV	14.52 ft	200.00 ml/min
2/4/2022 3:43 PM	15:00	6.81 pH	14.07 °C	555.72 µS/cm	0.83 mg/L	5.37 NTU	-52.8 mV	14.52 ft	200.00 ml/min
2/4/2022 3:48 PM	20:00	6.78 pH	14.13 °C	574.53 µS/cm	0.50 mg/L	3.37 NTU	-53.1 mV	14.55 ft	200.00 ml/min
2/4/2022 3:53 PM	25:00	6.74 pH	14.21 °C	551.06 µS/cm	0.47 mg/L	3.27 NTU	-51.9 mV	14.55 ft	200.00 ml/min
2/4/2022 3:58 PM	30:00	6.70 pH	13.99 °C	562.22 µS/cm	0.43 mg/L	2.27 NTU	-49.2 mV	14.55 ft	200.00 ml/min

Samples

Sample ID:	Description:
GWC-7	Grab Sample.

Low-Flow Test Report:

Test Date / Time: 2/4/2022 1:42:34 PM

Project: GP-Plant Hammond

Operator Name: Anthony Szwast

Location Name: GWC-8 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 17.13 ft Total Depth: 27.13 ft Initial Depth to Water: 10.87 ft	Pump Type: Peristaltic Tubing Type: Poly Pump Intake From TOC: 22.13 ft Estimated Total Volume Pumped: 11 liter Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 2.95 ft	Instrument Used: Aqua TROLL 400 Serial Number: 843593
--	---	--

Test Notes:

Three bottles: Metals, TDS, Inorganics. Total depth = 27.13 ft

Weather Conditions:

Cloudy, 45 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	
2/4/2022 1:42 PM	00:00	6.93 pH	14.50 °C	797.67 µS/cm	0.23 mg/L	16.40 NTU	17.7 mV	12.72 ft	200.00 ml/min
2/4/2022 1:47 PM	05:00	6.93 pH	14.36 °C	793.27 µS/cm	0.18 mg/L	13.00 NTU	13.1 mV	13.12 ft	200.00 ml/min
2/4/2022 1:52 PM	10:00	6.94 pH	14.49 °C	783.30 µS/cm	0.13 mg/L	16.30 NTU	5.0 mV	13.53 ft	200.00 ml/min
2/4/2022 1:57 PM	15:00	6.96 pH	14.22 °C	757.87 µS/cm	0.14 mg/L	12.55 NTU	-7.0 mV	13.64 ft	200.00 ml/min
2/4/2022 2:02 PM	20:00	6.97 pH	14.42 °C	720.58 µS/cm	0.11 mg/L	10.55 NTU	-8.1 mV	13.77 ft	200.00 ml/min
2/4/2022 2:07 PM	25:00	6.99 pH	14.31 °C	691.56 µS/cm	0.11 mg/L	7.05 NTU	-13.9 mV	13.82 ft	200.00 ml/min
2/4/2022 2:12 PM	30:00	7.00 pH	14.31 °C	660.49 µS/cm	0.11 mg/L	6.93 NTU	-31.2 mV	13.83 ft	200.00 ml/min
2/4/2022 2:17 PM	35:00	7.02 pH	14.35 °C	639.00 µS/cm	0.11 mg/L	8.16 NTU	-26.9 mV	13.86 ft	200.00 ml/min
2/4/2022 2:22 PM	40:00	7.04 pH	14.39 °C	618.53 µS/cm	0.11 mg/L	4.79 NTU	-42.8 mV	13.84 ft	200.00 ml/min
2/4/2022 2:27 PM	45:00	7.06 pH	14.31 °C	603.88 µS/cm	0.10 mg/L	4.41 NTU	-35.2 mV	13.84 ft	200.00 ml/min
2/4/2022 2:32 PM	50:00	7.07 pH	14.38 °C	599.24 µS/cm	0.10 mg/L	4.11 NTU	-50.9 mV	13.82 ft	200.00 ml/min

Samples

Sample ID:	Description:
GWC-8	Grab sample.
DUP-5	Grab sample.

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/4/2022 12:12:15 PM

Project: GP-Plant Hammond

Operator Name: Anthony Szwast

Location Name: GWC-9 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 41.91 ft Total Depth: 51.91 ft Initial Depth to Water: 12.51 ft	Pump Type: Peristaltic Tubing Type: Poly Pump Intake From TOC: 46.91 ft Estimated Total Volume Pumped: 7 liter Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.24 ft	Instrument Used: Aqua TROLL 400 Serial Number: 843593
--	--	--

Test Notes:

Three bottles: Metals, TDS, Inorganics. Total depth = 51.91 ft

Weather Conditions:

Cloudy, 45 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	
2/4/2022 12:12 PM	00:00	6.98 pH	13.44 °C	342.64 µS/cm	0.91 mg/L	7.11 NTU	-72.4 mV	12.74 ft	200.00 ml/min
2/4/2022 12:17 PM	05:00	7.04 pH	14.34 °C	334.71 µS/cm	0.33 mg/L	4.57 NTU	-101.7 mV	12.74 ft	200.00 ml/min
2/4/2022 12:22 PM	10:00	7.06 pH	14.53 °C	333.52 µS/cm	0.25 mg/L	2.81 NTU	-86.4 mV	12.74 ft	200.00 ml/min
2/4/2022 12:27 PM	15:00	7.07 pH	14.61 °C	332.11 µS/cm	0.20 mg/L	2.58 NTU	-106.4 mV	12.74 ft	200.00 ml/min
2/4/2022 12:32 PM	20:00	7.08 pH	14.76 °C	330.14 µS/cm	0.17 mg/L	2.19 NTU	-88.4 mV	12.75 ft	200.00 ml/min
2/4/2022 12:37 PM	25:00	7.10 pH	14.81 °C	328.50 µS/cm	0.15 mg/L	1.79 NTU	-107.3 mV	12.75 ft	200.00 ml/min
2/4/2022 12:42 PM	30:00	7.10 pH	14.87 °C	328.12 µS/cm	0.13 mg/L	2.05 NTU	-88.9 mV	12.75 ft	200.00 ml/min

Samples

Sample ID:	Description:
GWC-9	Grab sample.

Low-Flow Test Report:

Test Date / Time: 2/4/2022 1:28:08 PM

Project: GP-Plant Hammond

Operator Name: Connor Cain

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: 14.48 ft	Pump Type: Peristaltic Tubing Type: Poly Pump Intake From TOC: 28.98 ft Estimated Total Volume Pumped: 8 liter Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.03 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850724
---	--	--

Test Notes:

Three bottles: Metals, TDS, Inorganics. Total depth = 33.98 ft

Weather Conditions:

Cloudy, 38 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	
2/4/2022 1:28 PM	00:00	7.51 pH	13.30 °C	342.86 µS/cm	1.29 mg/L	12.90 NTU	28.3 mV	14.51 ft	200.00 ml/min
2/4/2022 1:33 PM	05:00	7.52 pH	13.77 °C	350.04 µS/cm	1.16 mg/L	11.80 NTU	-0.2 mV	14.51 ft	200.00 ml/min
2/4/2022 1:38 PM	10:00	7.51 pH	14.09 °C	345.00 µS/cm	1.16 mg/L	9.27 NTU	-40.5 mV	14.51 ft	200.00 ml/min
2/4/2022 1:43 PM	15:00	7.51 pH	14.17 °C	345.56 µS/cm	0.93 mg/L	6.54 NTU	-49.4 mV	14.51 ft	200.00 ml/min
2/4/2022 1:48 PM	20:00	7.53 pH	14.04 °C	326.34 µS/cm	0.98 mg/L	4.49 NTU	-48.1 mV	14.51 ft	200.00 ml/min
2/4/2022 1:53 PM	25:00	7.52 pH	14.23 °C	333.78 µS/cm	0.97 mg/L	4.39 NTU	-56.9 mV	14.51 ft	200.00 ml/min
2/4/2022 1:58 PM	30:00	7.51 pH	14.08 °C	346.70 µS/cm	0.92 mg/L	3.10 NTU	-74.3 mV	14.51 ft	200.00 ml/min
2/4/2022 2:03 PM	35:00	7.51 pH	14.13 °C	349.62 µS/cm	0.90 mg/L	4.23 NTU	-59.4 mV	14.51 ft	200.00 ml/min

Samples

Sample ID:	Description:
GWC-10	Grab sample.

Low-Flow Test Report:

Test Date / Time: 2/4/2022 2:07:42 PM

Project: GP-Plant Hammond

Operator Name: Thomas 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: 12.2 ft	Pump Type: Peristaltic Tubing Type: Poly Pump Intake From TOC: 52.02 ft Estimated Total Volume Pumped: 9 liter Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 1.4 ft	Instrument Used: Aqua TROLL 400 Serial Number: 728634
--	---	--

Test Notes:

Three bottles: Metals, TDS, Inorganics. Total depth = 48.02 ft

Weather Conditions:

Cloudy, 45 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	
2/4/2022 2:07 PM	00:00	7.61 pH	13.73 °C	442.12 µS/cm	3.44 mg/L	2.06 NTU	-13.0 mV	13.30 ft	200.00 ml/min
2/4/2022 2:12 PM	05:00	7.65 pH	14.00 °C	437.01 µS/cm	3.19 mg/L	1.86 NTU	-9.3 mV	13.44 ft	200.00 ml/min
2/4/2022 2:17 PM	10:00	7.68 pH	13.95 °C	429.67 µS/cm	2.88 mg/L	2.37 NTU	-8.1 mV	13.54 ft	200.00 ml/min
2/4/2022 2:22 PM	15:00	7.69 pH	13.85 °C	425.98 µS/cm	2.21 mg/L	1.72 NTU	-13.0 mV	13.56 ft	200.00 ml/min
2/4/2022 2:27 PM	20:00	7.71 pH	13.96 °C	417.87 µS/cm	1.72 mg/L	1.01 NTU	-13.1 mV	13.60 ft	200.00 ml/min
2/4/2022 2:32 PM	25:00	7.71 pH	13.93 °C	415.14 µS/cm	1.64 mg/L	1.30 NTU	-8.9 mV	13.60 ft	200.00 ml/min
2/4/2022 2:37 PM	30:00	7.73 pH	13.89 °C	398.55 µS/cm	1.32 mg/L	2.16 NTU	-13.8 mV	13.60 ft	200.00 ml/min
2/4/2022 2:42 PM	35:00	7.73 pH	14.03 °C	393.74 µS/cm	1.24 mg/L	1.96 NTU	-14.1 mV	13.60 ft	200.00 ml/min
2/4/2022 2:47 PM	40:00	7.73 pH	13.97 °C	393.41 µS/cm	1.30 mg/L	0.79 NTU	-9.5 mV	13.60 ft	200.00 ml/min

Samples

Sample ID:	Description:
GWC-18	Grab sample.

Low-Flow Test Report:

Test Date / Time: 2/7/2022 12:52:32 PM

Project: GP-Plant Hammond

Operator Name: Anthony Szwast

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: 18.17 ft	Pump Type: Peristaltic Tubing Type: Poly Pump Intake From TOC: 52.51 ft Estimated Total Volume Pumped: 3.5 liter Flow Cell Volume: 90 ml Final Flow Rate: 100 ml/min Final Draw Down: 0.05 ft	Instrument Used: Aqua TROLL 400 Serial Number: 843593
---	--	--

Test Notes:

Three bottles: Metals, TDS, Inorganics. Total depth = 57.51 ft

Weather Conditions:

Sunny, 45 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	
2/7/2022 12:52 PM	00:00	7.40 pH	13.27 °C	368.34 µS/cm	3.27 mg/L	2.28 NTU	-74.6 mV	18.21 ft	100.00 ml/min
2/7/2022 12:57 PM	05:00	7.53 pH	14.45 °C	375.35 µS/cm	1.25 mg/L	1.70 NTU	-94.5 mV	18.22 ft	100.00 ml/min
2/7/2022 1:02 PM	10:00	7.57 pH	14.67 °C	370.75 µS/cm	0.79 mg/L	1.53 NTU	-115.2 mV	18.22 ft	100.00 ml/min
2/7/2022 1:07 PM	15:00	7.59 pH	14.27 °C	371.95 µS/cm	0.58 mg/L	1.29 NTU	-117.4 mV	18.22 ft	100.00 ml/min
2/7/2022 1:12 PM	20:00	7.60 pH	14.19 °C	373.56 µS/cm	0.51 mg/L	1.07 NTU	-99.0 mV	18.22 ft	100.00 ml/min
2/7/2022 1:17 PM	25:00	7.61 pH	14.13 °C	372.68 µS/cm	0.40 mg/L	1.45 NTU	-115.9 mV	18.22 ft	100.00 ml/min
2/7/2022 1:22 PM	30:00	7.61 pH	14.22 °C	373.35 µS/cm	0.37 mg/L	1.18 NTU	-99.2 mV	18.22 ft	100.00 ml/min

Samples

Sample ID:	Description:
GWC-19	Grab sample.

Low-Flow Test Report:

Test Date / Time: 2/7/2022 9:41:38 AM

Project: GP-Plant Hammond

Operator Name: Anthony Szwast

Location Name: GWC-20 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 24.18 ft Total Depth: 34.18 ft Initial Depth to Water: 2.91 ft	Pump Type: Peristaltic Tubing Type: Poly Pump Intake From TOC: 29.18 ft Estimated Total Volume Pumped: 22 liter Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 1.01 ft	Instrument Used: Aqua TROLL 400 Serial Number: 843593
--	---	--

Test Notes:

Three bottles: Metals, TDS, Inorganics. Total depth = 34.18 ft

Weather Conditions:

Sunny, 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	
2/7/2022 9:41 AM	00:00	7.57 pH	11.28 °C	410.22 µS/cm	4.18 mg/L	44.30 NTU	40.1 mV	3.52 ft	200.00 ml/min
2/7/2022 9:46 AM	05:00	7.56 pH	11.79 °C	409.94 µS/cm	3.22 mg/L	29.80 NTU	-29.6 mV	3.69 ft	200.00 ml/min
2/7/2022 9:51 AM	10:00	7.52 pH	12.13 °C	412.84 µS/cm	2.47 mg/L	19.40 NTU	-68.2 mV	3.75 ft	200.00 ml/min
2/7/2022 9:56 AM	15:00	7.52 pH	12.26 °C	412.85 µS/cm	2.10 mg/L	20.20 NTU	-56.7 mV	3.77 ft	200.00 ml/min
2/7/2022 10:01 AM	20:00	7.52 pH	12.38 °C	413.85 µS/cm	1.80 mg/L	15.70 NTU	-84.3 mV	3.80 ft	200.00 ml/min
2/7/2022 10:06 AM	25:00	7.52 pH	12.58 °C	414.28 µS/cm	1.62 mg/L	18.20 NTU	-69.2 mV	3.84 ft	200.00 ml/min
2/7/2022 10:11 AM	30:00	7.53 pH	12.60 °C	413.66 µS/cm	1.53 mg/L	12.50 NTU	-90.2 mV	3.85 ft	200.00 ml/min
2/7/2022 10:16 AM	35:00	7.53 pH	12.88 °C	415.24 µS/cm	1.14 mg/L	11.37 NTU	-98.6 mV	3.85 ft	200.00 ml/min
2/7/2022 10:21 AM	40:00	7.53 pH	12.79 °C	412.79 µS/cm	1.02 mg/L	11.20 NTU	-102.2 mV	3.85 ft	200.00 ml/min
2/7/2022 10:26 AM	45:00	7.53 pH	12.94 °C	414.50 µS/cm	0.90 mg/L	11.60 NTU	-86.0 mV	3.85 ft	200.00 ml/min
2/7/2022 10:31 AM	50:00	7.53 pH	12.95 °C	416.24 µS/cm	0.80 mg/L	10.75 NTU	-108.1 mV	3.87 ft	200.00 ml/min
2/7/2022 10:36 AM	55:00	7.53 pH	13.09 °C	416.41 µS/cm	0.64 mg/L	10.08 NTU	-91.4 mV	3.86 ft	200.00 ml/min
2/7/2022 10:41 AM	01:00:00	7.54 pH	13.17 °C	416.23 µS/cm	0.58 mg/L	8.66 NTU	-112.4 mV	3.87 ft	200.00 ml/min

2/7/2022 10:46 AM	01:05:00	7.54 pH	13.31 °C	415.22 µS/cm	0.48 mg/L	8.66 NTU	-95.4 mV	3.88 ft	200.00 ml/min
2/7/2022 10:51 AM	01:10:00	7.54 pH	13.31 °C	416.05 µS/cm	0.47 mg/L	8.20 NTU	-116.2 mV	3.89 ft	200.00 ml/min
2/7/2022 10:56 AM	01:15:00	7.55 pH	13.40 °C	416.10 µS/cm	0.42 mg/L	7.64 NTU	-99.1 mV	3.91 ft	200.00 ml/min
2/7/2022 11:01 AM	01:20:00	7.56 pH	13.37 °C	415.03 µS/cm	0.37 mg/L	6.63 NTU	-118.5 mV	3.90 ft	200.00 ml/min
2/7/2022 11:06 AM	01:25:00	7.56 pH	13.29 °C	415.43 µS/cm	0.34 mg/L	5.80 NTU	-101.3 mV	3.91 ft	200.00 ml/min
2/7/2022 11:11 AM	01:30:00	7.57 pH	13.31 °C	415.78 µS/cm	0.33 mg/L	5.55 NTU	-120.3 mV	3.91 ft	200.00 ml/min
2/7/2022 11:16 AM	01:35:00	7.56 pH	13.49 °C	415.75 µS/cm	0.30 mg/L	5.53 NTU	-104.2 mV	3.92 ft	200.00 ml/min
2/7/2022 11:21 AM	01:40:00	7.57 pH	13.53 °C	415.37 µS/cm	0.22 mg/L	5.31 NTU	-122.8 mV	3.92 ft	200.00 ml/min
2/7/2022 11:26 AM	01:45:00	7.57 pH	13.51 °C	415.46 µS/cm	0.22 mg/L	4.39 NTU	-105.3 mV	3.92 ft	200.00 ml/min

Samples

Sample ID:	Description:
GWC-20	Grab sample.

Low-Flow Test Report:

Test Date / Time: 2/7/2022 9:50:39 AM

Project: GP-Plant Hammond

Operator Name: Thomas Kessler

Location Name: GWC-21 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 8.23 ft Total Depth: 18.23 ft Initial Depth to Water: 4 ft	Pump Type: Peristaltic Tubing Type: Poly Pump Intake From TOC: 13.23 ft Estimated Total Volume Pumped: 18 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: 728634
--	--	--

Test Notes:

Three bottles: Metals, TDS, Inorganics. Total depth = 18.23 ft

Weather Conditions:

Sunny, 30 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	
2/7/2022 9:50 AM	00:00	7.36 pH	8.77 °C	485.15 µS/cm	5.34 mg/L	3.95 NTU	3.8 mV	4.20 ft	200.00 ml/min
2/7/2022 9:55 AM	05:00	7.36 pH	8.94 °C	488.28 µS/cm	5.25 mg/L	2.85 NTU	2.3 mV	4.20 ft	200.00 ml/min
2/7/2022 10:00 AM	10:00	7.33 pH	9.03 °C	479.22 µS/cm	5.06 mg/L	3.13 NTU	0.9 mV	4.20 ft	200.00 ml/min
2/7/2022 10:05 AM	15:00	7.25 pH	9.02 °C	456.67 µS/cm	4.56 mg/L	2.96 NTU	-2.2 mV	4.20 ft	200.00 ml/min
2/7/2022 10:10 AM	20:00	7.20 pH	8.93 °C	448.85 µS/cm	4.27 mg/L	2.20 NTU	-8.2 mV	4.20 ft	200.00 ml/min
2/7/2022 10:15 AM	25:00	7.14 pH	9.14 °C	433.09 µS/cm	3.93 mg/L	2.55 NTU	-7.6 mV	4.20 ft	200.00 ml/min
2/7/2022 10:20 AM	30:00	7.06 pH	9.27 °C	407.54 µS/cm	3.63 mg/L	1.79 NTU	-13.1 mV	4.20 ft	200.00 ml/min
2/7/2022 10:25 AM	35:00	6.98 pH	9.22 °C	386.32 µS/cm	3.24 mg/L	1.29 NTU	-13.8 mV	4.20 ft	200.00 ml/min
2/7/2022 10:30 AM	40:00	6.91 pH	9.17 °C	370.99 µS/cm	2.82 mg/L	1.05 NTU	-14.1 mV	4.20 ft	200.00 ml/min
2/7/2022 10:35 AM	45:00	6.84 pH	9.39 °C	339.78 µS/cm	2.51 mg/L	1.05 NTU	-9.9 mV	4.20 ft	200.00 ml/min
2/7/2022 10:40 AM	50:00	6.79 pH	9.32 °C	332.00 µS/cm	2.17 mg/L	0.82 NTU	-14.1 mV	4.20 ft	200.00 ml/min
2/7/2022 10:45 AM	55:00	6.73 pH	9.44 °C	308.42 µS/cm	1.94 mg/L	1.12 NTU	-9.6 mV	4.20 ft	200.00 ml/min
2/7/2022 10:50 AM	01:00:00	6.69 pH	9.42 °C	295.92 µS/cm	1.74 mg/L	1.99 NTU	-9.3 mV	4.20 ft	200.00 ml/min

2/7/2022 10:55 AM	01:05:00	6.67 pH	9.39 °C	292.32 µS/cm	1.63 mg/L	1.68 NTU	-13.5 mV	4.20 ft	200.00 ml/min
2/7/2022 11:00 AM	01:10:00	6.64 pH	9.46 °C	281.59 µS/cm	1.51 mg/L	0.59 NTU	-9.2 mV	4.20 ft	200.00 ml/min
2/7/2022 11:05 AM	01:15:00	6.60 pH	9.51 °C	268.50 µS/cm	1.39 mg/L	0.72 NTU	-8.8 mV	4.20 ft	200.00 ml/min
2/7/2022 11:10 AM	01:20:00	6.57 pH	9.57 °C	259.96 µS/cm	1.37 mg/L	0.52 NTU	-8.6 mV	4.20 ft	200.00 ml/min
2/7/2022 11:15 AM	01:25:00	6.58 pH	9.58 °C	267.00 µS/cm	1.29 mg/L	0.78 NTU	-9.0 mV	4.20 ft	200.00 ml/min

Samples

Sample ID:	Description:
GWC-21	Grab sample.

Low-Flow Test Report:

Test Date / Time: 2/7/2022 12:03:42 PM

Project: GP-Plant Hammond

Operator Name: Thomas Kessler

Location Name: GWC-22 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 31.91 ft Total Depth: 41.91 ft Initial Depth to Water: 1 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: 0.65 ft	Instrument Used: Aqua TROLL 400 Serial Number: 728634
---	--	--

Test Notes:

Three bottles: Metals, TDS, Inorganics. Total depth = 41.91 ft

Weather Conditions:

Sunny, 35 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	
2/7/2022 12:03 PM	00:00	7.69 pH	12.09 °C	323.46 µS/cm	1.25 mg/L	1.61 NTU	-30.5 mV	1.53 ft	200.00 ml/min
2/7/2022 12:08 PM	05:00	7.84 pH	11.51 °C	325.86 µS/cm	0.71 mg/L	2.79 NTU	-83.2 mV	1.55 ft	200.00 ml/min
2/7/2022 12:13 PM	10:00	7.90 pH	11.74 °C	325.95 µS/cm	0.40 mg/L	2.01 NTU	-103.6 mV	1.55 ft	200.00 ml/min
2/7/2022 12:18 PM	15:00	7.89 pH	12.04 °C	323.73 µS/cm	0.28 mg/L	1.53 NTU	-85.3 mV	1.60 ft	200.00 ml/min
2/7/2022 12:23 PM	20:00	7.88 pH	12.25 °C	321.30 µS/cm	0.26 mg/L	1.70 NTU	-85.6 mV	1.63 ft	200.00 ml/min
2/7/2022 12:28 PM	25:00	7.85 pH	12.33 °C	319.64 µS/cm	0.22 mg/L	2.00 NTU	-84.6 mV	1.65 ft	200.00 ml/min
2/7/2022 12:33 PM	30:00	7.85 pH	12.58 °C	319.36 µS/cm	0.24 mg/L	2.09 NTU	-84.3 mV	1.65 ft	200.00 ml/min

Samples

Sample ID:	Description:
GWC-22	Grab sample.

Low-Flow Test Report:

Test Date / Time: 2/7/2022 9:42:04 AM

Project: GP-Plant Hammond

Operator Name: Connor 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: 7.17 ft	Pump Type: Peristaltic Tubing Type: Poly Pump Intake From TOC: 44.73 ft Estimated Total Volume Pumped: 7 liter Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.52 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850724
--	--	--

Test Notes:

Three bottles: Metals, TDS, Inorganics. Total depth = 49.73 ft

Weather Conditions:

Sunny, 32 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	
2/7/2022 9:42 AM	00:00	7.08 pH	13.13 °C	454.76 µS/cm	1.75 mg/L	5.81 NTU	114.3 mV	7.58 ft	200.00 ml/min
2/7/2022 9:47 AM	05:00	7.05 pH	13.31 °C	419.95 µS/cm	1.54 mg/L	6.18 NTU	55.1 mV	7.58 ft	200.00 ml/min
2/7/2022 9:52 AM	10:00	7.05 pH	13.50 °C	422.57 µS/cm	1.44 mg/L	6.32 NTU	62.0 mV	7.61 ft	200.00 ml/min
2/7/2022 9:57 AM	15:00	7.04 pH	13.72 °C	431.28 µS/cm	1.46 mg/L	6.34 NTU	-17.6 mV	7.61 ft	200.00 ml/min
2/7/2022 10:02 AM	20:00	7.05 pH	14.01 °C	414.03 µS/cm	1.17 mg/L	5.58 NTU	-47.3 mV	7.64 ft	200.00 ml/min
2/7/2022 10:07 AM	25:00	7.05 pH	14.20 °C	416.67 µS/cm	1.13 mg/L	4.26 NTU	-44.6 mV	7.66 ft	200.00 ml/min
2/7/2022 10:12 AM	30:00	7.05 pH	14.49 °C	416.76 µS/cm	1.06 mg/L	4.45 NTU	-46.7 mV	7.69 ft	200.00 ml/min

Samples

Sample ID:	Description:
GWC-23	Grab sample.

Calibration Reports

EQUIPMENT CALIBRATION LOG

Field Technician: Anthony Sworst

Date: 2/4/2022

Time (start): 755

Time (finish): 810

smarTroll SN: 843593

Turbidity Meter Type: LaMote 2020we

SN: 1475

Weather Conditions: Cloudy, 45°C

Facility and Unit: Plant Hammond

Project No.: GW6581

Calibration log

	Standard Lot # / Date of Expiration	Temp of Standard (°C)	Value of Standard	Initial Reading	Post-Cal Reading	Acceptable Range	Pass?	Comments
Specific Conductance (µS/cm)	21070193	14.31	4490	4663.0	4490.0	+/- 5%	<input checked="" type="radio"/> Yes <input type="radio"/> No	
pH (4)	08/2022	14.21	4.00	4.05	4.00	+/- 0.1 SU	<input checked="" type="radio"/> Yes <input type="radio"/> No	
Mid-Day pH (4) check	—	—	4.00	—	—	+/- 0.1 SU	<input checked="" type="radio"/> Yes <input type="radio"/> No	
pH (7)	21010066 08/2022	13.81	7.00	7.02	7.00	+/- 0.1 SU	<input checked="" type="radio"/> Yes <input type="radio"/> No	
Mid-Day pH (7) check	—	—	7.00	—	—	+/- 0.1 SU	<input checked="" type="radio"/> Yes <input type="radio"/> No	
pH (10)	21080189 06/2022	14.21	10.00	10.04	10.00	+/- 0.1 SU	<input checked="" type="radio"/> Yes <input type="radio"/> No	
Mid-Day pH (10) check	—	—	10.00	—	—	+/- 0.1 SU	<input checked="" type="radio"/> Yes <input type="radio"/> No	
ORP (mV)	21140141 08/2022	14.38	228	219.4	228.0	+/- 20mV	<input checked="" type="radio"/> Yes <input type="radio"/> No	
DO (%) (1pt, 100% water saturated air cal)			100	98.11	100.0	+/- 6% saturation	<input checked="" type="radio"/> Yes <input type="radio"/> No	
Turbidity 0 NTU			0	0	0	+/- 0.5 NTU	<input checked="" type="radio"/> Yes <input type="radio"/> No	
Turbidity 1 NTU			1.00	0.89	1	+/- 0.5 NTU	<input checked="" type="radio"/> Yes <input type="radio"/> No	
Turbidity 10 NTU			10.00	9.62	10	+/- 0.5 NTU	<input checked="" type="radio"/> Yes <input type="radio"/> No	

EQUIPMENT CALIBRATION LOG

Field Technician: C. CAIN

Date: 2/4/22

Time (start): 0750

Time (finish): 0810

smarTroll SN: 850724

Turbidity Meter Type: LaMotte 2020we

SN: 1610

Weather Conditions: Cloudy 40F

Facility and Unit: Plant Hammond

Project No.: GW6581

Calibration log

	Standard Lot # / Date of Expiration	Temp of Standard (°C)	Value of Standard	Initial Reading	Post-Cal Reading	Acceptable Range	Pass?	Comments
Specific Conductance (µS/cm)	21070193 8/22	14.10	4490	4579	4490	+/- 5 %	<input checked="" type="checkbox"/> No	
pH (4)			4.00	4.01	4.0	+/- 0.1 SU	<input checked="" type="checkbox"/> No	
Mid-Day pH (4) check	21070193 8/22	—	4.00	4.04	4.0	+/- 0.1 SU	<input checked="" type="checkbox"/> No	
pH (7)	21010066 8/22	14.40	7.00	7.04	7.0	+/- 0.1 SU	<input checked="" type="checkbox"/> No	
Mid-Day pH (7) check	21010066 8/22	—	7.00	7.08	7.0	+/- 0.1 SU	<input checked="" type="checkbox"/> No	
pH (10)	21080189 6/22	14.94	10.00	10.07	10.0	+/- 0.1 SU	<input checked="" type="checkbox"/> No	
Mid-Day pH (10) check	21080189 6/22	—	10.00	10.06	10.0	+/- 0.1 SU	<input checked="" type="checkbox"/> No	
ORP (mV)	21140141 8/22	14.78	228	223.8	228	+/- 20mV	<input checked="" type="checkbox"/> No	
DO (%) (1pt, 100% water saturated air cal)			100	104.75	100	+/- 6 % saturation	<input checked="" type="checkbox"/> No	
Turbidity 0 NTU			0	0	0	+/- 0.5 NTU	<input checked="" type="checkbox"/> No	
Turbidity 1 NTU			1.00	0.92	1.0	+/- 0.5 NTU	<input checked="" type="checkbox"/> No	
Turbidity 10 NTU			10.00	10.98	10	+/- 0.5 NTU	<input checked="" type="checkbox"/> No	

EQUIPMENT CALIBRATION LOG

Field Technician: Thomas Kessler Date: 2/4/2022 Time (start): 0755 Time (finish): 0830
 smarTroll SN: 778634 Turbidity Meter Type: LaMotte 2020we SN: 59903913
 Weather Conditions: Sunny 30° Facility and Unit: Hummerel Project No.: GW6581

Calibration log

	Standard Lot # / Date of Expiration	Temp of Standard (°C)	Value of Standard	Initial Reading	Post-Cal Reading	Acceptable Range	Pass?	Comments
Specific Conductance (µS/cm)	21070193 08/22	13.09	4490	46337	4490	+/- 5 %	<input checked="" type="radio"/> Yes <input type="radio"/> No	
pH (4)	08/22		4.00	4.00	4.00	+/- 0.1 SU	<input checked="" type="radio"/> Yes <input type="radio"/> No	
Mid-Day pH (4) check	"21070193" 08/22	—	4.00	3.95	—	+/- 0.1 SU	<input checked="" type="radio"/> Yes <input type="radio"/> No	
pH (7)	2106066 08/22	13.12	7.00	7.01	7.00	+/- 0.1 SU	<input checked="" type="radio"/> Yes <input type="radio"/> No	
Mid-Day pH (7) check	"2106066" 08/22	—	7.00	7.01	—	+/- 0.1 SU	<input checked="" type="radio"/> Yes <input type="radio"/> No	
pH (10)	21050189 06/2022	13.74	10.00	10.04	10.0	+/- 0.1 SU	<input checked="" type="radio"/> Yes <input type="radio"/> No	
Mid-Day pH (10) check	"21050189" 06/2022	—	10.00	10.06	—	+/- 0.1 SU	<input checked="" type="radio"/> Yes <input type="radio"/> No	
ORP (mV)	21140111 08/2022	12.95	228	225.5	228	+/- 20mV	<input checked="" type="radio"/> Yes <input type="radio"/> No	
DO (%) (1pt, 100% water saturated air cal)			100	98.37	100	+/- 6 % saturation	<input checked="" type="radio"/> Yes <input type="radio"/> No	
Turbidity 0 NTU			0	0.69	0.00	+/- 0.5 NTU	<input checked="" type="radio"/> Yes <input type="radio"/> No	
Turbidity 1 NTU			1.00	1.00	1.00	+/- 0.5 NTU	<input checked="" type="radio"/> Yes <input type="radio"/> No	
Turbidity 10 NTU			10.00	7.91	10.00	+/- 0.5 NTU	<input checked="" type="radio"/> Yes <input type="radio"/> No	

EQUIPMENT CALIBRATION LOG

Field Technician: A. Stewart Date: 2/7/2022 Time (start): 813 Time (finish): 830
 smarTroll SN: 843593 Turbidity Meter Type: LaMotte 2020we SN: 1475
 Weather Conditions: Sunny, 35°F Facility and Unit: Plant Hammond Project No.: GW6581

Calibration log

	Standard Lot # / Date of Expiration	Temp of Standard (°C)	Value of Standard	Initial Reading	Post-Cal Reading	Acceptable Range	Pass?	Comments
Specific Conductance (µS/cm)	21070193 08/2022	9.99	4490	4574.4	4490.0	+/- 5 %	Yes No	
pH (4)		10.08	4.00	3.97	4.00	+/- 0.1 SU	Yes No	
Mid-Day pH (4) check	21070193 08/2022	10.83	4.00	4.13	4.00	+/- 0.1 SU	Yes No	
pH (7)	21010066 08/2022	9.98	7.00	7.04	7.00	+/- 0.1 SU	Yes No	
Mid-Day pH (7) check	21010066 08/2022	11.01	7.00	7.15	7.00	+/- 0.1 SU	Yes No	
pH (10)	21080189 06/2022	10.11	10.00	10.09	10.00	+/- 0.1 SU	Yes No	
Mid-Day pH (10) check	21080189 06/2022	11.05	10.00	10.12	10.00	+/- 0.1 SU	Yes No	
ORP (mV)	21140141 08/2022	10.27	228	234.0	228.0	+/- 20mV	Yes No	
DO (%) (1pt, 100% water saturated air cal)			100	99.00	100.0	+/- 6 % saturation	Yes No	
Turbidity 0 NTU			0	0.14	0.00	+/- 0.5 NTU	Yes No	
Turbidity 1 NTU			1.00	1.12	1.00	+/- 0.5 NTU	Yes No	
Turbidity 10 NTU			10.00	9.81	10.00	+/- 0.5 NTU	Yes No	

EQUIPMENT CALIBRATION LOG

Field Technician: C. CAIN Date: 2/7/22 Time (start): 0810 Time (finish): 0841
 smarTroll SN: 850724 Turbidity Meter Type: LaMotte 2020we SN: 1610
 Weather Conditions: sun 29F Facility and Unit: Plant Hammond Project No.: GW6581

Calibration log

	Standard Lot # / Date of Expiration	Temp of Standard (°C)	Value of Standard	Initial Reading	Post-Cal Reading	Acceptable Range	Pass?	Comments
Specific Conductance (µS/cm)	21070193 8/22	9.76	4490	4292	4490	+/- 5 %	<input checked="" type="checkbox"/> No	
pH (4)			4.00	3.97	4.0	+/- 0.1 SU	<input checked="" type="checkbox"/> No	
Mid-Day pH (4) check	21070193 8/22	11.98	4.00	4.08	4.0	+/- 0.1 SU	<input checked="" type="checkbox"/> No	
pH (7)	21010066 8/22	7.72	7.00	7.05	7.0	+/- 0.1 SU	<input checked="" type="checkbox"/> No	
Mid-Day pH (7) check	21010066 8/22	12.24	7.00	7.07	7.0	+/- 0.1 SU	<input checked="" type="checkbox"/> No	
pH (10)	21080189 6/22	7.32	10.00	10.12	10.0	+/- 0.1 SU	<input checked="" type="checkbox"/> No	
Mid-Day pH (10) check	21080189 6/22	11.28	10.00	10.09	10.0	+/- 0.1 SU	<input checked="" type="checkbox"/> No	
ORP (mV)	21140141 8/22	8.87	228	241.0	228	+/- 20mV	<input checked="" type="checkbox"/> No	
DO (%) (1pt, 100% water saturated air cal)			100	100.72	100	+/- 6 % saturation	<input checked="" type="checkbox"/> No	
Turbidity 0 NTU			0	0.01	0.0	+/- 0.5 NTU	<input checked="" type="checkbox"/> No	
Turbidity 1 NTU			1.00	0.89	1.0	+/- 0.5 NTU	<input checked="" type="checkbox"/> No	
Turbidity 10 NTU			10.00	10.06	10.0	+/- 0.5 NTU	<input checked="" type="checkbox"/> No	

EQUIPMENT CALIBRATION LOG

Field Technician: Thomas Hester Date: 2/17/2022 Time (start): 0500 Time (finish): 0840
 smarTroll SN: 778634 Turbidity Meter Type: LaMotte 2020we SN: 5940-3915
 Weather Conditions: Sunny, 29° Facility and Unit: Hummond Project No: GW6581

Calibration log

	Standard Lot # / Date of Expiration	Temp of Standard (°C)	Value of Standard	Initial Reading	Post-Cal Reading	Acceptable Range	Pass?	Comments
Specific Conductance (µS/cm)	21070197 08/2022	3.49	4490	5.007	4490	+/- 5 %	<input checked="" type="radio"/> Yes No	
pH (4)			4.00	3.97	4.00	+/- 0.1 SU	<input checked="" type="radio"/> Yes No	
Mid-Day pH (4) check	21070193 05/2022	—	4.00	4.00	—	+/- 0.1 SU	<input checked="" type="radio"/> Yes No	
pH (7)	21010066 05/2022	7.33	7.00	7.07	7.00	+/- 0.1 SU	<input checked="" type="radio"/> Yes No	
Mid-Day pH (7) check	21010066 05/2022	—	7.00	6.92	—	+/- 0.1 SU	<input checked="" type="radio"/> Yes No	
pH (10)	21050159 06/2022	7.95	10.00	10.08	10.00	+/- 0.1 SU	<input checked="" type="radio"/> Yes No	
Mid-Day pH (10) check	21050159 06/2022	—	10.00	10.03	—	+/- 0.1 SU	<input checked="" type="radio"/> Yes No	
ORP (mV)	21140141 08/2022	8.76	228	235.8	228	+/- 20mV	<input checked="" type="radio"/> Yes No	
DO (%) (1pt, 100% water saturated air cal)			100	96.25	100	+/- 6 % saturation	<input checked="" type="radio"/> Yes No	
Turbidity 0 NTU			0	1.59	0	+/- 0.5 NTU	<input checked="" type="radio"/> Yes No	
Turbidity 1 NTU			1.00	0.16	1.05	+/- 0.5 NTU	<input checked="" type="radio"/> Yes No	
Turbidity 10 NTU			10.00	7.77	9.85	+/- 0.5 NTU	<input checked="" type="radio"/> Yes No	

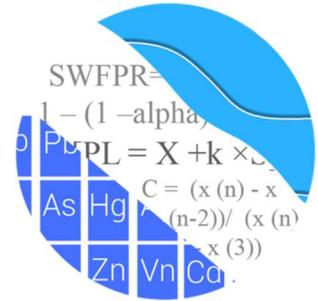
APPENDIX C

Background Update and Statistical Analysis Report

GROUNDWATER STATS CONSULTING

August 31, 2022

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 & Statistical Analysis – February 2022

Dear Ms. Jurinko,

Groundwater Stats Consulting, formerly the statistical consulting division of Sanitas Technologies, is pleased to provide the background update and February 2022 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 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 Dr. Jim Loftis, Civil & Environmental Engineering professor emeritus at Colorado State University and Senior Advisor to 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, and prediction limits for these constituents have decreased over time at some of the wells.

The most recent reporting limit is substituted on a well-by-well basis for computing intrawell prediction limits. Therefore, individual wells can have different substitutions for a given parameter depending on what the laboratory has reported for each well. On the time series plots, however, a single reporting limit substitution is used across all wells for a given parameter since the wells are plotted as a group.

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 (silver and thallium are 100% non-detects or values below the current reporting limit)
- # Constituents: 13
- # Downgradient wells: 12

CCR Appendix III Constituents:

- Semi-Annual Sampling
- Intrawell Prediction Limits with 1-of-2 resample plan (all Appendix III parameters)
- # Constituents: 7
- # 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. Non-detects 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 in background, simple substitution of one-half the reporting limit is utilized in the statistical analysis. The reporting limit utilized for non-detects is the most recent practical quantification limit (PQL) as reported by the laboratory.
- When data contain between 15-50% non-detects, the Kaplan-Meier non-detect adjustment is applied to the background data. This technique adjusts the mean and standard deviation of the historical concentrations to account for concentrations below the reporting limit.
- Nonparametric prediction limits are used on data containing greater than 50% non-detects.

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

Two-Step Statistical Analysis

Intrawell statistical methods, combined with a 1-of-2 resample plan, may be used as a conservative first step for identifying potential facility impacts in downgradient wells. Intrawell methods use background data for individual wells and may be overly sensitive to natural variation. In particular for nonparametric limits with small background sample sizes, the probability of a false positive is much higher than the desired annual sitewide rate of 10%. Therefore, a large number of exceedances may occur as a result of natural variation rather than facility impacts. A second step can be used to further evaluate those exceedances and reduce the overall number of statistically significant increases (SSIs) that result from natural variation.

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

When the result exceeds the sitewide (interwell) background, the 1-of-2 resample plan allows for collection of an independent resample to confirm the apparent exceedance or declare the initial finding a false positive result. A statistically significant increase is not declared unless the resample also exceeds the intrawell prediction limit (United States Environmental Protection Agency (USEPA) Unified Guidance, March 2009, Chapter 19). When the resample confirms the initial exceedance, further research would be required to identify the cause of the exceedance (i.e., impact from the site, natural variation, or an off-site source). When any resample falls within the statistical limit, the initial exceedance is considered to be a false positive result, and no further action is necessary. In cases where intrawell and interwell exceedances are noted and no resamples are collected, the initial exceedance will be considered a confirmed SSI.

Trend tests, in addition to interwell prediction limits, are recommended for well/constituent pairs found to have an initial intrawell SSI. Trend analysis will provide for detection of long-term changes and potential facility impacts at a given well in cases where the concentrations at that well remain below the sitewide upgradient limits. Thus, the two-step approach, with trend testing for intrawell exceedances, has additional capability to detect long-term changes at downgradient wells compared to interwell methods alone. While a trend may be identified by visual inspection, a quantification of the trend and its significance is needed to identify whether concentrations are statistically significantly increasing, decreasing, or remaining stable over time. The absence of a statistically significant increasing trend indicates that an initial intrawell exceedance is short-term and may be the result of natural variation rather than facility impact to groundwater. If a facility impact has occurred, it will likely result in additional exceedances in future sampling events. When a statistically significant increasing trend is noted, additional data may be needed to determine whether the initial intrawell statistical exceedance is a result of natural variation or an impact to groundwater quality downgradient of the facility.

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

Outlier and Trend Testing

Time series plots were used to identify suspected outliers, or extreme values that would result in limits that are not representative of the current background data population. Suspected outliers for all wells and parameters are formally tested using Tukey's box plot method and, when identified, flagged in the computer database with "o" and deselected prior to construction of statistical limits.

Using the Tukey box plot method, several outliers were identified. When the most recent values were identified as outliers, values were not flagged in the database (except in cases where they would cause background limits to be elevated) as they may represent a possible trend. If future values do not remain at similar concentrations, these values will be flagged as outliers and deselected. Several low values exist in the data sets and appear on the graphs as possible low outliers relative to the laboratory's Practical Quantitation Limit. However, these values are observed trace values (i.e., measurements reported by the laboratory between the Method Detection Limit and the Practical Quantitation Limit) and, therefore, were not flagged as outliers. Due to changing reporting limits for many constituents, when the non-detects were replaced with the most recent reporting limit, previously flagged "J" values (or estimated values) required flagging as outliers because they were much higher than current reporting limits.

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

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.

While trends may be identified by visual inspection, a quantification of the trend and its significance is needed. The Sen's Slope/Mann Kendall trend test, which tests for statistically significant increasing or decreasing trends, was used to evaluate data at all upgradient and downgradient wells with detections.

In the absence of suspected contamination, significant trending data are typically not included as part of the background data used for construction of prediction limits. This step serves to eliminate the trend and, thus, reduce variation in background. When statistically significant decreasing trends are present, all available data are evaluated to determine whether earlier concentration levels are significantly different from current reported concentrations, and earlier data will be deselected as necessary. Several statistically significant decreasing trends were noted, as well as a few statistically significant increasing trends for barium. The magnitudes of most of these trends were low relative to the average concentrations and, therefore, required no adjustments to the record.

However, background adjustments were made for barium in wells GWA-2, GWC-19, GWC-22, GWC-6, GWC-7, and GWC-9; and cobalt, nickel, and zinc in well GWC-7. Earlier data for each of these well/constituent pairs were deselected to reduce variation and utilize samples that were more representative of current groundwater concentrations. For those cases with increasing trends in barium, the assumption is that the increase is a result of natural variation and not the result of the facility. Under that assumption, the more recent data would represent unimpacted conditions. Thorough evaluation of that assumption requires a separate geochemical investigation that is beyond the scope of services provided by Groundwater Stats Consulting. However, increasing barium concentrations were noted in both upgradient and downgradient wells, suggesting that the groundwater quality is changing due to natural spatial variation. The trends for cobalt, nickel and zinc are decreasing, and using only the more recent data results in more conservative prediction limits. Complete trend analysis results were presented with the August 2019 screening report. A date range summary table is provided with this report to show the adjusted date ranges used in construction of the statistical limits.

Determination of Spatial Variation

The Analysis of Variance (ANOVA) was used to statistically evaluate differences in average concentrations among upgradient wells for constituents detected in downgradient wells. The ANOVA assists in identifying the most appropriate statistical approach. Interwell tests, which compare downgradient well data to statistical limits constructed from pooled upgradient well data, are appropriate when average concentrations are similar across upgradient wells. Intra-well tests, which compare compliance data from a single well to

screened historical data within the same well, are appropriate when upgradient wells exhibit spatial variation; when statistical limits constructed from upgradient wells are not representative of the current background data population; and when downgradient water quality is unimpacted compared to upgradient water quality for the same parameter.

The ANOVA identified statistically significant variation among upgradient well data for: arsenic, barium, cobalt, and nickel. The ANOVA did not identify variation for antimony, beryllium, cadmium, chromium, copper, lead, selenium, and zinc. The ANOVA could not test the following constituents because the data had no variation among the upgradient wells: silver, thallium, and vanadium.

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

CCR Appendix III Background Update Summary – Conducted in March 2020

Outlier Testing

Prior to updating background data, Tukey's outlier test and visual screening were used to evaluate Appendix III data from both upgradient and downgradient wells through November 2019. Tukey's test noted potential outliers in downgradient wells for all parameters, but not all of these values were flagged as some appeared to be representative of natural variation. Any flagged data are displayed in a lighter font and as a disconnected symbol on the time series reports, as well as in a lighter font on the accompanying data pages. A summary of flagged outliers follows this letter (Figure C).

Mann Whitney Testing

For constituents requiring intrawell prediction limits (all constituents in this instance), the Mann-Whitney (Wilcoxon Rank Sum) test was used to compare the medians of historical data through March 2017 to the new compliance samples at each well through November 2019. If the medians of the two groups are not significantly different at the 99%

confidence level, background data are typically updated to include the newer compliance data. Statistically significant differences were found between the two groups for the following well/constituent pairs: boron in downgradient wells GWC-19 and GWC-7; chloride in downgradient well GWC-8; pH in downgradient wells GWC-20 and GWC-22; sulfate in downgradient well GWC-20; and TDS in downgradient wells GWC-6 and GWC-8.

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

Typically, when the test concludes that the medians of the two groups are significantly different, particularly in the downgradient wells, the background data are not updated to include the newer data unless it can be reasonably justified that the change in concentrations reflects a naturally occurring shift unrelated to practices at the site. In studies in which at least one of the segments being compared is of short duration, the comparison is complicated by the fact that normal short-term variation may be mistaken for long-term change in medians. In this analysis, all but one of the cases with statistically significant Mann-Whitney results were updated. The individual cases are discussed below.

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

In light of these considerations, the only case that was not updated at the time of the update was sulfate at well GWC-20, which has a marked and steadily increasing trend that was not present in the upgradient wells. However, it was later determined through an alternate source demonstration that this trend is either short-term or not the result of the facility, and this record was appropriately updated. Since the update, the upward trend in sulfate has continued and will continue to be evaluated. Concentrations remain below those in upgradient wells GWA-3 and GWA-4. A list of well/constituent pairs that use a truncated portion of their record follows this report in the date range table mentioned above.

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

Outlier Testing

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

Mann Whitney Testing

For constituents requiring intrawell prediction limits (all constituents in this instance), the Mann-Whitney (Wilcoxon Rank Sum) test was used to compare the medians of historical data through November 2018 for Appendix I constituents and through November 2019 for Appendix III constituents to the medians of the new compliance samples at each well through August 2021 (Figures D and E, respectively). Previously truncated data sets discussed above were also compared to the most recent set of measurements through August 2021. If the medians of the two groups are not significantly different at the 99% confidence level, background data are typically updated to include the newer compliance data.

Several statistically significant differences were found between the two groups for the Appendix I and II constituents. Typically, when the test concludes that the medians of the two groups are significantly different, particularly in the downgradient wells, the background data are not updated to include the newer data unless it can be reasonably justified that the change in concentrations reflects a naturally occurring shift unrelated to practices at the site. In studies in which at least one of the segments being compared is

of short duration, the comparison is complicated by the fact that normal short-term variation may be mistaken for long-term change in medians.

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

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

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

Evaluation of Georgia EPD Appendix I and CCR Appendix III Constituents – February 2022

Prediction Limits

Intrawell limits constructed from carefully screened background data from within each well serve to provide statistical limits that are representative of the background data population, and that will rapidly identify a change in more recent compliance data from within a given well. The most recent sample from the same well is compared to its respective background. This statistical method removes the element of variation from across wells and eliminates the chance of mistaking natural spatial variation for a release from the facility.

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

analysis or investigation that is beyond the scope of this data screening study. However, for this site, the pre-waste data support the assumption of natural variation rather than impacts of the landfill.

Evaluation of Georgia EPD Appendix I Parameters – February 2022

For all Georgia EPD Appendix I parameters, intrawell prediction limits, combined with a 1-of-2 resample plan, were constructed using all available data for each well through August 2021, except for the cases mentioned above (Figure F). The February 2022 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. An exceedance was noted for the following downgradient well/constituent pair:

- Barium: GWC-23

Two-Step Approach

Following the Two-Step approach, an interwell prediction limit was then constructed for the apparent intrawell prediction limit exceedance of barium using pooled upgradient well data to further evaluate the exceedance (Figure G). The reported measurement of barium in well GWC-23 did not exceed its respective limit; therefore, no statistically significant increase is identified and no further action is necessary.

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 (Figure J). 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 natural variability in groundwater unrelated to practices at the site. A statistically significant increasing trend was noted for barium in downgradient well GWC-23. Both increasing and decreasing trends were noted for barium in upgradient wells which suggest natural variability is present in groundwater quality unrelated to practices at the site. A summary of the trend test results follows this letter.

Evaluation of CCR Appendix III Parameters – February 2022

For all CCR Appendix III parameters, intrawell prediction limits, combined with a 1-of-2 resample plan, were constructed using all historical data through August 2021 (Figure H). The February 2022 sample from each downgradient well is compared to the background limit to determine whether there are exceedances over background. A summary of the Appendix III prediction limits follows this report. Exceedances were noted for the following well/constituent pairs:

- Calcium: GWA-2 (upgradient), GWC-9, GWC-18, GWC-20, and GWC-23

Two-Step Approach

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

Trend Tests

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

- Calcium: GWC-20

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,



Kristina L. Rayner
Groundwater Statistician

Date Ranges

Date: 3/31/2022 11:51 AM

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Barium (mg/L)

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

Cobalt (mg/L)

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

Nickel (mg/L)

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

Sulfate (mg/L)

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

Zinc (mg/L)

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

100% NDs Downgradient Wells

Date: 3/30/2022 2:34 PM

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Antimony (mg/L)

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

Arsenic (mg/L)

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

Beryllium (mg/L)

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

Cadmium (mg/L)

GWC-19, GWC-22, GWC-6

Cobalt (mg/L)

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

Lead (mg/L)

GWC-9

Selenium (mg/L)

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

Silver (mg/L)

GWC-10, GWC-18, GWC-19, GWC-20, GWC-21, GWC-22, GWC-23, GWC-5, GWC-6, GWC-7, GWC-8, GWC-9

Thallium (mg/L)

GWC-10, GWC-18, GWC-19, GWC-20, GWC-21, GWC-22, GWC-23, GWC-5, GWC-6, GWC-7, GWC-8, GWC-9

Vanadium (mg/L)

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

Mann-Whitney Summary Appendix I - Significant Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 3/25/2022, 2:27 PM

<u>Constituent</u>	<u>Well</u>	<u>Calc.</u>	<u>0.01</u>	<u>Sig.</u>	<u>Method</u>
Arsenic (mg/L)	GWC-23	-3.362	Yes	Yes	Mann-W
Arsenic (mg/L)	GWC-7	2.772	Yes	Yes	Mann-W
Barium (mg/L)	GWA-11 (bg)	-2.798	Yes	Yes	Mann-W
Barium (mg/L)	GWA-3 (bg)	-3.415	Yes	Yes	Mann-W
Barium (mg/L)	GWC-20	4.016	Yes	Yes	Mann-W
Barium (mg/L)	GWC-23	2.603	Yes	Yes	Mann-W
Barium (mg/L)	GWC-5	-3.796	Yes	Yes	Mann-W
Barium (mg/L)	GWC-8	4.003	Yes	Yes	Mann-W
Beryllium (mg/L)	GWC-7	-2.783	Yes	Yes	Mann-W
Chromium (mg/L)	GWC-18	-3.362	Yes	Yes	Mann-W
Chromium (mg/L)	GWC-19	-2.611	Yes	Yes	Mann-W
Cobalt (mg/L)	GWA-1 (bg)	-3.088	Yes	Yes	Mann-W
Cobalt (mg/L)	GWA-11 (bg)	-3.771	Yes	Yes	Mann-W
Cobalt (mg/L)	GWC-21	-2.735	Yes	Yes	Mann-W
Cobalt (mg/L)	GWC-23	-3.532	Yes	Yes	Mann-W
Cobalt (mg/L)	GWC-5	-3.456	Yes	Yes	Mann-W
Cobalt (mg/L)	GWC-7	-3.046	Yes	Yes	Mann-W
Cobalt (mg/L)	GWC-8	-5.275	Yes	Yes	Mann-W
Cobalt (mg/L)	GWC-9	-3.438	Yes	Yes	Mann-W
Copper (mg/L)	GWC-23	-3.01	Yes	Yes	Mann-W
Lead (mg/L)	GWA-3 (bg)	-3.362	Yes	Yes	Mann-W
Lead (mg/L)	GWC-19	-2.611	Yes	Yes	Mann-W
Lead (mg/L)	GWC-21	-3.267	Yes	Yes	Mann-W
Lead (mg/L)	GWC-22	-4.847	Yes	Yes	Mann-W
Lead (mg/L)	GWC-23	-5.045	Yes	Yes	Mann-W
Lead (mg/L)	GWC-5	-3.362	Yes	Yes	Mann-W
Lead (mg/L)	GWC-7	-3.202	Yes	Yes	Mann-W
Nickel (mg/L)	GWA-11 (bg)	-3.83	Yes	Yes	Mann-W
Nickel (mg/L)	GWA-4 (bg)	-3.165	Yes	Yes	Mann-W
Nickel (mg/L)	GWC-23	-3.128	Yes	Yes	Mann-W
Nickel (mg/L)	GWC-5	-4.048	Yes	Yes	Mann-W
Nickel (mg/L)	GWC-7	-2.718	Yes	Yes	Mann-W
Nickel (mg/L)	GWC-8	-2.694	Yes	Yes	Mann-W
Nickel (mg/L)	GWC-9	-3.421	Yes	Yes	Mann-W
Zinc (mg/L)	GWC-7	-2.906	Yes	Yes	Mann-W

Mann-Whitney Summary Appendix I - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 3/25/2022, 2:27 PM

<u>Constituent</u>	<u>Well</u>	<u>Calc.</u>	<u>0.01</u>	<u>Sig.</u>	<u>Method</u>
Antimony (mg/L)	GWA-1 (bg)	-2.382	No	No	Mann-W
Antimony (mg/L)	GWA-11 (bg)	-1.345	No	No	Mann-W
Antimony (mg/L)	GWA-2 (bg)	-2.48	No	No	Mann-W
Antimony (mg/L)	GWA-3 (bg)	0.3608	No	No	Mann-W
Antimony (mg/L)	GWA-4 (bg)	-1.345	No	No	Mann-W
Antimony (mg/L)	GWC-10	0.3608	No	No	Mann-W
Antimony (mg/L)	GWC-18	-2.382	No	No	Mann-W
Antimony (mg/L)	GWC-19	0.3608	No	No	Mann-W
Antimony (mg/L)	GWC-5	-1.345	No	No	Mann-W
Antimony (mg/L)	GWC-6	0.3608	No	No	Mann-W
Antimony (mg/L)	GWC-7	-1.419	No	No	Mann-W
Antimony (mg/L)	GWC-8	-1.283	No	No	Mann-W
Antimony (mg/L)	GWC-9	-1.448	No	No	Mann-W
Arsenic (mg/L)	GWA-11 (bg)	-2.382	No	No	Mann-W
Arsenic (mg/L)	GWA-3 (bg)	-1.845	No	No	Mann-W
Arsenic (mg/L)	GWA-4 (bg)	-2.078	No	No	Mann-W
Arsenic (mg/L)	GWC-18	-2.439	No	No	Mann-W
Arsenic (mg/L)	GWC-21	-2.242	No	No	Mann-W
Arsenic (mg/L)	GWC-23	-3.362	Yes	Yes	Mann-W
Arsenic (mg/L)	GWC-5	0.5689	No	No	Mann-W
Arsenic (mg/L)	GWC-7	2.772	Yes	Yes	Mann-W
Arsenic (mg/L)	GWC-8	-2.397	No	No	Mann-W
Arsenic (mg/L)	GWC-9	-2.382	No	No	Mann-W
Barium (mg/L)	GWA-1 (bg)	-0.4209	No	No	Mann-W
Barium (mg/L)	GWA-11 (bg)	-2.798	Yes	Yes	Mann-W
Barium (mg/L)	GWA-2 (bg)	0.6249	No	No	Mann-W
Barium (mg/L)	GWA-3 (bg)	-3.415	Yes	Yes	Mann-W
Barium (mg/L)	GWA-4 (bg)	-0.8014	No	No	Mann-W
Barium (mg/L)	GWC-10	1.32	No	No	Mann-W
Barium (mg/L)	GWC-18	2.484	No	No	Mann-W
Barium (mg/L)	GWC-19	1.521	No	No	Mann-W
Barium (mg/L)	GWC-20	4.016	Yes	Yes	Mann-W
Barium (mg/L)	GWC-21	0.998	No	No	Mann-W
Barium (mg/L)	GWC-22	1.269	No	No	Mann-W
Barium (mg/L)	GWC-23	2.603	Yes	Yes	Mann-W
Barium (mg/L)	GWC-5	-3.796	Yes	Yes	Mann-W
Barium (mg/L)	GWC-6	0.8075	No	No	Mann-W
Barium (mg/L)	GWC-7	1.718	No	No	Mann-W
Barium (mg/L)	GWC-8	4.003	Yes	Yes	Mann-W
Barium (mg/L)	GWC-9	-0.1828	No	No	Mann-W
Beryllium (mg/L)	GWA-3 (bg)	0.3608	No	No	Mann-W
Beryllium (mg/L)	GWC-19	-2.382	No	No	Mann-W
Beryllium (mg/L)	GWC-7	-2.783	Yes	Yes	Mann-W
Cadmium (mg/L)	GWA-4 (bg)	0.3608	No	No	Mann-W
Cadmium (mg/L)	GWC-10	0.3608	No	No	Mann-W
Cadmium (mg/L)	GWC-18	0.3608	No	No	Mann-W
Cadmium (mg/L)	GWC-20	0.3666	No	No	Mann-W
Cadmium (mg/L)	GWC-21	0.5882	No	No	Mann-W
Cadmium (mg/L)	GWC-23	0.3608	No	No	Mann-W
Cadmium (mg/L)	GWC-5	-0.5052	No	No	Mann-W
Cadmium (mg/L)	GWC-7	-0.6832	No	No	Mann-W
Cadmium (mg/L)	GWC-8	0.3666	No	No	Mann-W
Cadmium (mg/L)	GWC-9	0.5689	No	No	Mann-W
Chromium (mg/L)	GWA-1 (bg)	-0.05172	No	No	Mann-W
Chromium (mg/L)	GWA-11 (bg)	0.7276	No	No	Mann-W

Mann-Whitney Summary Appendix I - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 3/25/2022, 2:27 PM

Constituent	Well	Calc.	0.01	Sig.	Method
Chromium (mg/L)	GWA-2 (bg)	-2.382	No	No	Mann-W
Chromium (mg/L)	GWA-3 (bg)	-1.448	No	No	Mann-W
Chromium (mg/L)	GWA-4 (bg)	-1.345	No	No	Mann-W
Chromium (mg/L)	GWC-10	0.7276	No	No	Mann-W
Chromium (mg/L)	GWC-18	-3.362	Yes	Yes	Mann-W
Chromium (mg/L)	GWC-19	-2.611	Yes	Yes	Mann-W
Chromium (mg/L)	GWC-20	0.2176	No	No	Mann-W
Chromium (mg/L)	GWC-21	-1.39	No	No	Mann-W
Chromium (mg/L)	GWC-22	-1.916	No	No	Mann-W
Chromium (mg/L)	GWC-23	1.862	No	No	Mann-W
Chromium (mg/L)	GWC-5	-2.382	No	No	Mann-W
Chromium (mg/L)	GWC-6	-2.382	No	No	Mann-W
Chromium (mg/L)	GWC-7	-0.1961	No	No	Mann-W
Chromium (mg/L)	GWC-8	-0.6115	No	No	Mann-W
Chromium (mg/L)	GWC-9	0.7276	No	No	Mann-W
Cobalt (mg/L)	GWA-1 (bg)	-3.088	Yes	Yes	Mann-W
Cobalt (mg/L)	GWA-11 (bg)	-3.771	Yes	Yes	Mann-W
Cobalt (mg/L)	GWA-2 (bg)	-2.382	No	No	Mann-W
Cobalt (mg/L)	GWA-3 (bg)	-1.991	No	No	Mann-W
Cobalt (mg/L)	GWA-4 (bg)	-2.291	No	No	Mann-W
Cobalt (mg/L)	GWC-10	-2.382	No	No	Mann-W
Cobalt (mg/L)	GWC-21	-2.735	Yes	Yes	Mann-W
Cobalt (mg/L)	GWC-23	-3.532	Yes	Yes	Mann-W
Cobalt (mg/L)	GWC-5	-3.456	Yes	Yes	Mann-W
Cobalt (mg/L)	GWC-6	-2.382	No	No	Mann-W
Cobalt (mg/L)	GWC-7	-3.046	Yes	Yes	Mann-W
Cobalt (mg/L)	GWC-8	-5.275	Yes	Yes	Mann-W
Cobalt (mg/L)	GWC-9	-3.438	Yes	Yes	Mann-W
Copper (mg/L)	GWA-11 (bg)	-0.8421	No	No	Mann-W
Copper (mg/L)	GWA-2 (bg)	-0.8421	No	No	Mann-W
Copper (mg/L)	GWA-3 (bg)	-0.8421	No	No	Mann-W
Copper (mg/L)	GWA-4 (bg)	-1.778	No	No	Mann-W
Copper (mg/L)	GWC-10	-1.298	No	No	Mann-W
Copper (mg/L)	GWC-18	-0.8421	No	No	Mann-W
Copper (mg/L)	GWC-19	-1.459	No	No	Mann-W
Copper (mg/L)	GWC-20	-1.265	No	No	Mann-W
Copper (mg/L)	GWC-21	-0.4874	No	No	Mann-W
Copper (mg/L)	GWC-22	-2.386	No	No	Mann-W
Copper (mg/L)	GWC-23	-3.01	Yes	Yes	Mann-W
Copper (mg/L)	GWC-5	-1.608	No	No	Mann-W
Copper (mg/L)	GWC-6	-2.2	No	No	Mann-W
Copper (mg/L)	GWC-7	-1.604	No	No	Mann-W
Copper (mg/L)	GWC-8	-2.162	No	No	Mann-W
Copper (mg/L)	GWC-9	-1.298	No	No	Mann-W
Lead (mg/L)	GWA-11 (bg)	0.3608	No	No	Mann-W
Lead (mg/L)	GWA-3 (bg)	-3.362	Yes	Yes	Mann-W
Lead (mg/L)	GWC-10	-2.382	No	No	Mann-W
Lead (mg/L)	GWC-18	-2.382	No	No	Mann-W
Lead (mg/L)	GWC-19	-2.611	Yes	Yes	Mann-W
Lead (mg/L)	GWC-20	0.3666	No	No	Mann-W
Lead (mg/L)	GWC-21	-3.267	Yes	Yes	Mann-W
Lead (mg/L)	GWC-22	-4.847	Yes	Yes	Mann-W
Lead (mg/L)	GWC-23	-5.045	Yes	Yes	Mann-W
Lead (mg/L)	GWC-5	-3.362	Yes	Yes	Mann-W
Lead (mg/L)	GWC-6	0.3608	No	No	Mann-W

Mann-Whitney Summary Appendix I - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 3/25/2022, 2:27 PM

<u>Constituent</u>	<u>Well</u>	<u>Calc.</u>	<u>0.01</u>	<u>Sig.</u>	<u>Method</u>
Lead (mg/L)	GWC-7	-3.202	Yes	Yes	Mann-W
Lead (mg/L)	GWC-8	-1.419	No	No	Mann-W
Nickel (mg/L)	GWA-1 (bg)	-2.22	No	No	Mann-W
Nickel (mg/L)	GWA-11 (bg)	-3.83	Yes	Yes	Mann-W
Nickel (mg/L)	GWA-2 (bg)	0.3928	No	No	Mann-W
Nickel (mg/L)	GWA-3 (bg)	-1.934	No	No	Mann-W
Nickel (mg/L)	GWA-4 (bg)	-3.165	Yes	Yes	Mann-W
Nickel (mg/L)	GWC-10	-2.2	No	No	Mann-W
Nickel (mg/L)	GWC-18	-1.828	No	No	Mann-W
Nickel (mg/L)	GWC-19	0.2339	No	No	Mann-W
Nickel (mg/L)	GWC-20	0.6327	No	No	Mann-W
Nickel (mg/L)	GWC-21	0.526	No	No	Mann-W
Nickel (mg/L)	GWC-22	0.3928	No	No	Mann-W
Nickel (mg/L)	GWC-23	-3.128	Yes	Yes	Mann-W
Nickel (mg/L)	GWC-5	-4.048	Yes	Yes	Mann-W
Nickel (mg/L)	GWC-6	-2.386	No	No	Mann-W
Nickel (mg/L)	GWC-7	-2.718	Yes	Yes	Mann-W
Nickel (mg/L)	GWC-8	-2.694	Yes	Yes	Mann-W
Nickel (mg/L)	GWC-9	-3.421	Yes	Yes	Mann-W
Selenium (mg/L)	GWA-4 (bg)	-2.382	No	No	Mann-W
Selenium (mg/L)	GWC-10	0.3608	No	No	Mann-W
Selenium (mg/L)	GWC-21	0.588	No	No	Mann-W
Selenium (mg/L)	GWC-22	-1.448	No	No	Mann-W
Selenium (mg/L)	GWC-9	0.3608	No	No	Mann-W
Vanadium (mg/L)	GWA-1 (bg)	-2.2	No	No	Mann-W
Vanadium (mg/L)	GWC-21	0.6456	No	No	Mann-W
Vanadium (mg/L)	GWC-23	-2.2	No	No	Mann-W
Vanadium (mg/L)	GWC-5	0.3928	No	No	Mann-W
Vanadium (mg/L)	GWC-7	1.108	No	No	Mann-W
Vanadium (mg/L)	GWC-9	0.3928	No	No	Mann-W
Zinc (mg/L)	GWA-1 (bg)	-0.6208	No	No	Mann-W
Zinc (mg/L)	GWA-11 (bg)	-0.1113	No	No	Mann-W
Zinc (mg/L)	GWA-2 (bg)	-0.2008	No	No	Mann-W
Zinc (mg/L)	GWA-3 (bg)	0.441	No	No	Mann-W
Zinc (mg/L)	GWA-4 (bg)	-0.6423	No	No	Mann-W
Zinc (mg/L)	GWC-10	0.3917	No	No	Mann-W
Zinc (mg/L)	GWC-18	0.1722	No	No	Mann-W
Zinc (mg/L)	GWC-19	0.4499	No	No	Mann-W
Zinc (mg/L)	GWC-20	0.2836	No	No	Mann-W
Zinc (mg/L)	GWC-21	0.4262	No	No	Mann-W
Zinc (mg/L)	GWC-22	0.2428	No	No	Mann-W
Zinc (mg/L)	GWC-23	-0.2551	No	No	Mann-W
Zinc (mg/L)	GWC-5	1.43	No	No	Mann-W
Zinc (mg/L)	GWC-6	-0.3272	No	No	Mann-W
Zinc (mg/L)	GWC-7	-2.906	Yes	Yes	Mann-W
Zinc (mg/L)	GWC-8	-0.3349	No	No	Mann-W
Zinc (mg/L)	GWC-9	0.1391	No	No	Mann-W

Mann-Whitney Summary Appendix III - Significant Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 3/25/2022, 2:45 PM

<u>Constituent</u>	<u>Well</u>	<u>Calc.</u>	<u>0.01</u>	<u>Sig.</u>	<u>Method</u>
Boron (mg/L)	GWC-7	-2.832	Yes	Yes	Mann-W
Boron (mg/L)	GWC-8	3.01	Yes	Yes	Mann-W
Calcium (mg/L)	GWC-20	2.76	Yes	Yes	Mann-W
Calcium (mg/L)	GWC-6	2.887	Yes	Yes	Mann-W
Calcium (mg/L)	GWC-8	2.65	Yes	Yes	Mann-W
Chloride (mg/L)	GWA-3 (bg)	-3.004	Yes	Yes	Mann-W
Chloride (mg/L)	GWC-10	-3.069	Yes	Yes	Mann-W
Chloride (mg/L)	GWC-18	-2.755	Yes	Yes	Mann-W
Chloride (mg/L)	GWC-19	-2.875	Yes	Yes	Mann-W
Chloride (mg/L)	GWC-20	-2.732	Yes	Yes	Mann-W
Chloride (mg/L)	GWC-21	-2.978	Yes	Yes	Mann-W
Chloride (mg/L)	GWC-22	-3.032	Yes	Yes	Mann-W
Chloride (mg/L)	GWC-23	-2.971	Yes	Yes	Mann-W
Chloride (mg/L)	GWC-5	-2.781	Yes	Yes	Mann-W
Chloride (mg/L)	GWC-6	-2.936	Yes	Yes	Mann-W
Chloride (mg/L)	GWC-9	-3.015	Yes	Yes	Mann-W
Fluoride (mg/L)	GWA-3 (bg)	-2.891	Yes	Yes	Mann-W
Fluoride (mg/L)	GWA-4 (bg)	-2.669	Yes	Yes	Mann-W
pH (SU)	GWC-23	-2.724	Yes	Yes	Mann-W
pH (SU)	GWC-7	2.763	Yes	Yes	Mann-W
pH (SU)	GWC-8	-2.711	Yes	Yes	Mann-W
Sulfate (mg/L)	GWA-11 (bg)	-2.857	Yes	Yes	Mann-W
Sulfate (mg/L)	GWC-20	3.136	Yes	Yes	Mann-W
Total Dissolved Solids (mg/L)	GWA-11 (bg)	-2.671	Yes	Yes	Mann-W

Mann-Whitney Summary Appendix III - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 3/25/2022, 2:45 PM

Constituent	Well	Calc.	0.01	Sig.	Method
Boron (mg/L)	GWA-1 (bg)	1.194	No	No	Mann-W
Boron (mg/L)	GWA-11 (bg)	1.586	No	No	Mann-W
Boron (mg/L)	GWA-2 (bg)	-0.2831	No	No	Mann-W
Boron (mg/L)	GWA-3 (bg)	-1.363	No	No	Mann-W
Boron (mg/L)	GWA-4 (bg)	-1.302	No	No	Mann-W
Boron (mg/L)	GWC-10	1.416	No	No	Mann-W
Boron (mg/L)	GWC-18	0.6831	No	No	Mann-W
Boron (mg/L)	GWC-19	-1.778	No	No	Mann-W
Boron (mg/L)	GWC-20	0.05679	No	No	Mann-W
Boron (mg/L)	GWC-21	-0.5095	No	No	Mann-W
Boron (mg/L)	GWC-22	-1.699	No	No	Mann-W
Boron (mg/L)	GWC-23	0.5665	No	No	Mann-W
Boron (mg/L)	GWC-5	-0.5095	No	No	Mann-W
Boron (mg/L)	GWC-6	0.5315	No	No	Mann-W
Boron (mg/L)	GWC-7	-2.832	Yes	Yes	Mann-W
Boron (mg/L)	GWC-8	3.01	Yes	Yes	Mann-W
Boron (mg/L)	GWC-9	-1.134	No	No	Mann-W
Calcium (mg/L)	GWA-1 (bg)	0.7945	No	No	Mann-W
Calcium (mg/L)	GWA-11 (bg)	0.7931	No	No	Mann-W
Calcium (mg/L)	GWA-2 (bg)	1.981	No	No	Mann-W
Calcium (mg/L)	GWA-3 (bg)	-0.736	No	No	Mann-W
Calcium (mg/L)	GWA-4 (bg)	-1.076	No	No	Mann-W
Calcium (mg/L)	GWC-10	-0.25	No	No	Mann-W
Calcium (mg/L)	GWC-18	1.434	No	No	Mann-W
Calcium (mg/L)	GWC-19	0.9867	No	No	Mann-W
Calcium (mg/L)	GWC-20	2.76	Yes	Yes	Mann-W
Calcium (mg/L)	GWC-21	0.4824	No	No	Mann-W
Calcium (mg/L)	GWC-22	0.8523	No	No	Mann-W
Calcium (mg/L)	GWC-23	2.323	No	No	Mann-W
Calcium (mg/L)	GWC-5	1.981	No	No	Mann-W
Calcium (mg/L)	GWC-6	2.887	Yes	Yes	Mann-W
Calcium (mg/L)	GWC-7	1.189	No	No	Mann-W
Calcium (mg/L)	GWC-8	2.65	Yes	Yes	Mann-W
Calcium (mg/L)	GWC-9	0.9064	No	No	Mann-W
Chloride (mg/L)	GWA-1 (bg)	-0.1767	No	No	Mann-W
Chloride (mg/L)	GWA-11 (bg)	-1.887	No	No	Mann-W
Chloride (mg/L)	GWA-2 (bg)	-1.827	No	No	Mann-W
Chloride (mg/L)	GWA-3 (bg)	-3.004	Yes	Yes	Mann-W
Chloride (mg/L)	GWA-4 (bg)	-1.869	No	No	Mann-W
Chloride (mg/L)	GWC-10	-3.069	Yes	Yes	Mann-W
Chloride (mg/L)	GWC-18	-2.755	Yes	Yes	Mann-W
Chloride (mg/L)	GWC-19	-2.875	Yes	Yes	Mann-W
Chloride (mg/L)	GWC-20	-2.732	Yes	Yes	Mann-W
Chloride (mg/L)	GWC-21	-2.978	Yes	Yes	Mann-W
Chloride (mg/L)	GWC-22	-3.032	Yes	Yes	Mann-W
Chloride (mg/L)	GWC-23	-2.971	Yes	Yes	Mann-W
Chloride (mg/L)	GWC-5	-2.781	Yes	Yes	Mann-W
Chloride (mg/L)	GWC-6	-2.936	Yes	Yes	Mann-W
Chloride (mg/L)	GWC-7	-1.138	No	No	Mann-W
Chloride (mg/L)	GWC-8	1.753	No	No	Mann-W
Chloride (mg/L)	GWC-9	-3.015	Yes	Yes	Mann-W
Fluoride (mg/L)	GWA-1 (bg)	-1.19	No	No	Mann-W
Fluoride (mg/L)	GWA-11 (bg)	-1.078	No	No	Mann-W
Fluoride (mg/L)	GWA-2 (bg)	-1.19	No	No	Mann-W
Fluoride (mg/L)	GWA-3 (bg)	-2.891	Yes	Yes	Mann-W

Mann-Whitney Summary Appendix III - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 3/25/2022, 2:45 PM

Constituent	Well	Calc.	0.01	Sig.	Method
Fluoride (mg/L)	GWA-4 (bg)	-2.669	Yes	Yes	Mann-W
Fluoride (mg/L)	GWC-10	-0.454	No	No	Mann-W
Fluoride (mg/L)	GWC-18	-2.296	No	No	Mann-W
Fluoride (mg/L)	GWC-19	-2.009	No	No	Mann-W
Fluoride (mg/L)	GWC-20	-1.415	No	No	Mann-W
Fluoride (mg/L)	GWC-21	-0.741	No	No	Mann-W
Fluoride (mg/L)	GWC-22	-2.213	No	No	Mann-W
Fluoride (mg/L)	GWC-23	-2.324	No	No	Mann-W
Fluoride (mg/L)	GWC-5	-1.873	No	No	Mann-W
Fluoride (mg/L)	GWC-6	-2.041	No	No	Mann-W
Fluoride (mg/L)	GWC-7	-2.331	No	No	Mann-W
Fluoride (mg/L)	GWC-8	-1.657	No	No	Mann-W
Fluoride (mg/L)	GWC-9	-1.021	No	No	Mann-W
pH (SU)	GWA-1 (bg)	0.6815	No	No	Mann-W
pH (SU)	GWA-11 (bg)	1.701	No	No	Mann-W
pH (SU)	GWA-2 (bg)	1.08	No	No	Mann-W
pH (SU)	GWA-3 (bg)	1.815	No	No	Mann-W
pH (SU)	GWA-4 (bg)	1.19	No	No	Mann-W
pH (SU)	GWC-10	0.4438	No	No	Mann-W
pH (SU)	GWC-18	0.3409	No	No	Mann-W
pH (SU)	GWC-19	1.538	No	No	Mann-W
pH (SU)	GWC-20	0.6993	No	No	Mann-W
pH (SU)	GWC-21	-0.2266	No	No	Mann-W
pH (SU)	GWC-22	0.2467	No	No	Mann-W
pH (SU)	GWC-23	-2.724	Yes	Yes	Mann-W
pH (SU)	GWC-5	0.8508	No	No	Mann-W
pH (SU)	GWC-6	0.5433	No	No	Mann-W
pH (SU)	GWC-7	2.763	Yes	Yes	Mann-W
pH (SU)	GWC-8	-2.711	Yes	Yes	Mann-W
pH (SU)	GWC-9	1.076	No	No	Mann-W
Sulfate (mg/L)	GWA-1 (bg)	0.5146	No	No	Mann-W
Sulfate (mg/L)	GWA-11 (bg)	-2.857	Yes	Yes	Mann-W
Sulfate (mg/L)	GWA-2 (bg)	1.985	No	No	Mann-W
Sulfate (mg/L)	GWA-3 (bg)	-2.549	No	No	Mann-W
Sulfate (mg/L)	GWA-4 (bg)	-2.096	No	No	Mann-W
Sulfate (mg/L)	GWC-10	-0.5856	No	No	Mann-W
Sulfate (mg/L)	GWC-18	-1.869	No	No	Mann-W
Sulfate (mg/L)	GWC-19	1.077	No	No	Mann-W
Sulfate (mg/L)	GWC-20	3.136	Yes	Yes	Mann-W
Sulfate (mg/L)	GWC-21	0.3968	No	No	Mann-W
Sulfate (mg/L)	GWC-22	-1.361	No	No	Mann-W
Sulfate (mg/L)	GWC-23	0.2834	No	No	Mann-W
Sulfate (mg/L)	GWC-5	0.736	No	No	Mann-W
Sulfate (mg/L)	GWC-6	-0.9063	No	No	Mann-W
Sulfate (mg/L)	GWC-7	-1.421	No	No	Mann-W
Sulfate (mg/L)	GWC-8	-1.415	No	No	Mann-W
Sulfate (mg/L)	GWC-9	-0.4791	No	No	Mann-W
Total Dissolved Solids (mg/L)	GWA-1 (bg)	-0.5102	No	No	Mann-W
Total Dissolved Solids (mg/L)	GWA-11 (bg)	-2.671	Yes	Yes	Mann-W
Total Dissolved Solids (mg/L)	GWA-2 (bg)	0.3401	No	No	Mann-W
Total Dissolved Solids (mg/L)	GWA-3 (bg)	-1.36	No	No	Mann-W
Total Dissolved Solids (mg/L)	GWA-4 (bg)	-1.983	No	No	Mann-W
Total Dissolved Solids (mg/L)	GWC-10	-0.8492	No	No	Mann-W
Total Dissolved Solids (mg/L)	GWC-18	0	No	No	Mann-W
Total Dissolved Solids (mg/L)	GWC-19	-1.64	No	No	Mann-W

Mann-Whitney Summary Appendix III - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 3/25/2022, 2:45 PM

<u>Constituent</u>	<u>Well</u>	<u>Calc.</u>	<u>0.01</u>	<u>Sig.</u>	<u>Method</u>
Total Dissolved Solids (mg/L)	GWC-20	1.927	No	No	Mann-W
Total Dissolved Solids (mg/L)	GWC-21	0.6584	No	No	Mann-W
Total Dissolved Solids (mg/L)	GWC-22	-1.305	No	No	Mann-W
Total Dissolved Solids (mg/L)	GWC-23	0.3963	No	No	Mann-W
Total Dissolved Solids (mg/L)	GWC-5	-0.8497	No	No	Mann-W
Total Dissolved Solids (mg/L)	GWC-6	-0.3502	No	No	Mann-W
Total Dissolved Solids (mg/L)	GWC-7	-1.02	No	No	Mann-W
Total Dissolved Solids (mg/L)	GWC-8	1.951	No	No	Mann-W
Total Dissolved Solids (mg/L)	GWC-9	-2.044	No	No	Mann-W

Intrawell Prediction Limits (Appendix I) - Significant Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 3/31/2022, 2:17 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Barium (mg/L)	GWC-23	0.08928	n/a	2/7/2022	0.091	Yes	38	0.06495	0.0106	0	None	No	0.0003376 Param Intra 1 of 2

Intrawell Prediction Limits (Appendix I) - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 3/31/2022, 2:17 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	GWA-1	0.003	n/a	2/4/2022	0.003ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-11	0.003	n/a	2/4/2022	0.003ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-2	0.003	n/a	2/4/2022	0.003ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-3	0.003	n/a	2/4/2022	0.003ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-4	0.003	n/a	2/4/2022	0.003ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-10	0.003	n/a	2/4/2022	0.003ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-18	0.003	n/a	2/4/2022	0.003ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-19	0.003	n/a	2/7/2022	0.003ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-5	0.003	n/a	2/4/2022	0.003ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-6	0.003	n/a	2/4/2022	0.003ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-7	0.003	n/a	2/4/2022	0.003ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-8	0.003	n/a	2/4/2022	0.003ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-9	0.003	n/a	2/4/2022	0.003ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-1	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-11	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-2	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-3	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	68.42	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-4	0.0065	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	86.84	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-18	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	92.11	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-21	0.005	n/a	2/7/2022	0.005ND	No	36	n/a	n/a	80.56	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-23	0.005	n/a	2/7/2022	0.005ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-5	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-7	0.011	n/a	2/4/2022	0.0042J	No	37	n/a	n/a	37.84	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Arsenic (mg/L)	GWC-8	0.005	n/a	2/4/2022	0.0015J	No	37	n/a	n/a	72.97	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-9	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Barium (mg/L)	GWA-1	0.05002	n/a	2/4/2022	0.038	No	38	0.03897	0.004812	0	None	No	0.0003376	Param Intra 1 of 2
Barium (mg/L)	GWA-11	0.0425	n/a	2/4/2022	0.031	No	38	n/a	n/a	0	n/a	n/a	0.001294	NP Intra (normality) 1 of 2
Barium (mg/L)	GWA-2	0.198	n/a	2/4/2022	0.18	No	29	0.1666	0.01321	0	None	No	0.0003376	Param Intra 1 of 2
Barium (mg/L)	GWA-3	0.2254	n/a	2/4/2022	0.081	No	38	0.1656	0.02606	0	None	No	0.0003376	Param Intra 1 of 2
Barium (mg/L)	GWA-4	0.14	n/a	2/4/2022	0.037	No	38	n/a	n/a	0	n/a	n/a	0.001294	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-10	0.1997	n/a	2/4/2022	0.16	No	41	0.1273	0.03174	0	None	No	0.0003376	Param Intra 1 of 2
Barium (mg/L)	GWC-18	0.09152	n/a	2/4/2022	0.08	No	38	0.07443	0.007441	0	None	No	0.0003376	Param Intra 1 of 2
Barium (mg/L)	GWC-19	0.1706	n/a	2/7/2022	0.14	No	29	0.0004195	0.0001801	0	None	x^4	0.0003376	Param Intra 1 of 2
Barium (mg/L)	GWC-20	0.1514	n/a	2/7/2022	0.14	No	38	0.1177	0.01465	0	None	No	0.0003376	Param Intra 1 of 2
Barium (mg/L)	GWC-21	0.19	n/a	2/7/2022	0.063	No	36	n/a	n/a	0	n/a	n/a	0.001429	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-22	0.112	n/a	2/7/2022	0.092	No	29	-2.374	0.07763	0	None	ln(x)	0.0003376	Param Intra 1 of 2
Barium (mg/L)	GWC-23	0.08928	n/a	2/7/2022	0.091	Yes	38	0.06495	0.0106	0	None	No	0.0003376	Param Intra 1 of 2
Barium (mg/L)	GWC-5	0.1319	n/a	2/4/2022	0.061	No	38	0.09723	0.01511	0	None	No	0.0003376	Param Intra 1 of 2
Barium (mg/L)	GWC-6	0.2118	n/a	2/4/2022	0.16	No	29	0.1469	0.0273	0	None	No	0.0003376	Param Intra 1 of 2
Barium (mg/L)	GWC-7	0.3996	n/a	2/4/2022	0.35	No	19	0.3226	0.1206	0	None	sqrt(x)	0.0003376	Param Intra 1 of 2
Barium (mg/L)	GWC-8	0.17	n/a	2/4/2022	0.17	No	37	n/a	n/a	0	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-9	0.07319	n/a	2/4/2022	0.067	No	28	0.06145	0.004913	0	None	No	0.0003376	Param Intra 1 of 2
Beryllium (mg/L)	GWA-1	0.0005	n/a	2/4/2022	0.0005ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-11	0.0005	n/a	2/4/2022	0.0005ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-2	0.0005	n/a	2/4/2022	0.0005ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-3	0.0005	n/a	2/4/2022	0.0005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-4	0.0005	n/a	2/4/2022	0.0005ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-19	0.0005	n/a	2/7/2022	0.0005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-7	0.0248	n/a	2/4/2022	0.0005ND	No	33	-7.926	1.812	27.27	Kaplan-Meier	ln(x)	0.0003376	Param Intra 1 of 2
Cadmium (mg/L)	GWA-1	0.0005	n/a	2/4/2022	0.0005ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2

Intrawell Prediction Limits (Appendix I) - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 3/31/2022, 2:17 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Cadmium (mg/L)	GWA-11	0.0005	n/a	2/4/2022	0.0005ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-2	0.0005	n/a	2/4/2022	0.0005ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-3	0.0005	n/a	2/4/2022	0.0005ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-4	0.0005	n/a	2/4/2022	0.0005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-10	0.0005	n/a	2/4/2022	0.0005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-18	0.0005	n/a	2/4/2022	0.0005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-20	0.0005	n/a	2/7/2022	0.0005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-21	0.0005	n/a	2/7/2022	0.0005ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-23	0.0005	n/a	2/7/2022	0.0005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-5	0.0015	n/a	2/4/2022	0.0005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-7	0.0035	n/a	2/4/2022	0.0005ND	No	35	n/a	n/a	85.71	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-8	0.0005	n/a	2/4/2022	0.0005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-9	0.0005	n/a	2/4/2022	0.0005ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-1	0.016	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-11	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	92.11	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-2	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-3	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-4	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-10	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	92.11	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-18	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-19	0.005	n/a	2/7/2022	0.005ND	No	38	n/a	n/a	92.11	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-20	0.0064	n/a	2/7/2022	0.005ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-21	0.005	n/a	2/7/2022	0.005ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-22	0.005	n/a	2/7/2022	0.005ND	No	38	n/a	n/a	89.47	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-23	0.0051	n/a	2/7/2022	0.005ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-5	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-6	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-7	0.005	n/a	2/4/2022	0.005ND	No	36	n/a	n/a	83.33	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-8	0.005	n/a	2/4/2022	0.005ND	No	37	n/a	n/a	89.19	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-9	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	92.11	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-1	0.005	n/a	2/4/2022	0.00057J	No	38	n/a	n/a	60.53	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-11	0.01	n/a	2/4/2022	0.00051J	No	38	n/a	n/a	52.63	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-2	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-3	0.005	n/a	2/4/2022	0.00052J	No	38	n/a	n/a	89.47	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-4	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	63.16	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-10	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-21	0.01	n/a	2/7/2022	0.0028J	No	36	n/a	n/a	52.78	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-23	0.005	n/a	2/7/2022	0.005ND	No	38	n/a	n/a	89.47	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-5	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	89.47	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-6	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-7	0.07218	n/a	2/4/2022	0.0092	No	23	0.028	0.01788	0	None	No	0.0003376	Param Intra 1 of 2
Cobalt (mg/L)	GWC-8	0.01	n/a	2/4/2022	0.0019J	No	37	n/a	n/a	81.08	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-9	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	84.21	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-1	0.005	n/a	2/4/2022	0.005ND	No	33	n/a	n/a	100	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-11	0.005	n/a	2/4/2022	0.005ND	No	33	n/a	n/a	90.91	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-2	0.005	n/a	2/4/2022	0.005ND	No	33	n/a	n/a	90.91	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-3	0.005	n/a	2/4/2022	0.005ND	No	33	n/a	n/a	90.91	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-4	0.0066	n/a	2/4/2022	0.005ND	No	33	n/a	n/a	90.91	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-10	0.005	n/a	2/4/2022	0.005ND	No	33	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-18	0.005	n/a	2/4/2022	0.005ND	No	33	n/a	n/a	90.91	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2

Intrawell Prediction Limits (Appendix I) - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 3/31/2022, 2:17 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Copper (mg/L)	GWC-19	0.005	n/a	2/7/2022	0.005ND	No	33	n/a	n/a	84.85	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-20	0.005	n/a	2/7/2022	0.005ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-21	0.005	n/a	2/7/2022	0.005ND	No	31	n/a	n/a	74.19	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-22	0.005	n/a	2/7/2022	0.005ND	No	33	n/a	n/a	90.91	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-23	0.0084	n/a	2/7/2022	0.00088J	No	33	n/a	n/a	75.76	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-5	0.005	n/a	2/4/2022	0.005ND	No	33	n/a	n/a	84.85	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-6	0.005	n/a	2/4/2022	0.005ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-7	0.016	n/a	2/4/2022	0.005ND	No	31	n/a	n/a	77.42	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-8	0.005	n/a	2/4/2022	0.005ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-9	0.005	n/a	2/4/2022	0.005ND	No	33	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-1	0.001	n/a	2/4/2022	0.001ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-11	0.001	n/a	2/4/2022	0.001ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-2	0.001	n/a	2/4/2022	0.001ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-3	0.001	n/a	2/4/2022	0.001ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-4	0.001	n/a	2/4/2022	0.001ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-10	0.001	n/a	2/4/2022	0.001ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-18	0.001	n/a	2/4/2022	0.001ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-19	0.001	n/a	2/7/2022	0.001ND	No	38	n/a	n/a	92.11	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-20	0.001	n/a	2/7/2022	0.001ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-21	0.001	n/a	2/7/2022	0.001ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-22	0.001	n/a	2/7/2022	0.001ND	No	38	n/a	n/a	89.47	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-23	0.001	n/a	2/7/2022	0.001ND	No	38	n/a	n/a	84.21	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-5	0.001	n/a	2/4/2022	0.001ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-6	0.001	n/a	2/4/2022	0.001ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-7	0.0016	n/a	2/4/2022	0.001ND	No	37	n/a	n/a	75.68	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-8	0.001	n/a	2/4/2022	0.001ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-1	0.005	n/a	2/4/2022	0.005ND	No	33	n/a	n/a	78.79	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-11	0.01	n/a	2/4/2022	0.0019J	No	33	n/a	n/a	54.55	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-2	0.005	n/a	2/4/2022	0.005ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-3	0.005	n/a	2/4/2022	0.0009J	No	33	n/a	n/a	87.88	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-4	0.0055	n/a	2/4/2022	0.00087J	No	33	n/a	n/a	51.52	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-10	0.005	n/a	2/4/2022	0.005ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-18	0.005	n/a	2/4/2022	0.00078J	No	33	n/a	n/a	78.79	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-19	0.0062	n/a	2/7/2022	0.005ND	No	33	n/a	n/a	90.91	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-20	0.005	n/a	2/7/2022	0.005ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-21	0.01023	n/a	2/7/2022	0.0055	No	32	0.06271	0.0164	18.75	Kaplan-Meier	sqrt(x)	0.0003376	Param Intra 1 of 2
Nickel (mg/L)	GWC-22	0.005	n/a	2/7/2022	0.005ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-23	0.005	n/a	2/7/2022	0.00084J	No	33	n/a	n/a	69.7	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-5	0.005	n/a	2/4/2022	0.005ND	No	33	n/a	n/a	78.79	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-6	0.005	n/a	2/4/2022	0.005ND	No	33	n/a	n/a	90.91	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-7	0.2826	n/a	2/4/2022	0.039	No	18	0.1037	0.06873	0	None	No	0.0003376	Param Intra 1 of 2
Nickel (mg/L)	GWC-8	0.0073	n/a	2/4/2022	0.005ND	No	32	n/a	n/a	81.25	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-9	0.01	n/a	2/4/2022	0.0018J	No	33	n/a	n/a	54.55	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-1	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-11	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-2	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-3	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-4	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-10	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-21	0.005	n/a	2/7/2022	0.005ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2

Intrawell Prediction Limits (Appendix I) - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 3/31/2022, 2:17 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Selenium (mg/L)	GWC-22	0.005	n/a	2/7/2022	0.005ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-9	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-1	0.01	n/a	2/4/2022	0.01ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-11	0.01	n/a	2/4/2022	0.01ND	No	33	n/a	n/a	100	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-2	0.01	n/a	2/4/2022	0.01ND	No	33	n/a	n/a	100	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-3	0.01	n/a	2/4/2022	0.01ND	No	33	n/a	n/a	100	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-4	0.01	n/a	2/4/2022	0.01ND	No	33	n/a	n/a	100	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-21	0.01	n/a	2/7/2022	0.01ND	No	31	n/a	n/a	93.55	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-23	0.01	n/a	2/7/2022	0.01ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-5	0.01	n/a	2/4/2022	0.01ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-7	0.01	n/a	2/4/2022	0.01ND	No	32	n/a	n/a	84.38	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-9	0.01	n/a	2/4/2022	0.01ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-1	0.01	n/a	2/4/2022	0.01ND	No	33	n/a	n/a	75.76	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-11	0.01	n/a	2/4/2022	0.01ND	No	33	n/a	n/a	66.67	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-2	0.01	n/a	2/4/2022	0.01ND	No	33	n/a	n/a	69.7	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-3	0.01	n/a	2/4/2022	0.01ND	No	33	n/a	n/a	57.58	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-4	0.01	n/a	2/4/2022	0.01ND	No	33	n/a	n/a	33.33	n/a	n/a	0.001701	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-10	0.01	n/a	2/4/2022	0.01ND	No	33	n/a	n/a	78.79	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-18	0.01	n/a	2/4/2022	0.01ND	No	33	n/a	n/a	69.7	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-19	0.013	n/a	2/7/2022	0.01ND	No	33	n/a	n/a	60.61	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-20	0.01	n/a	2/7/2022	0.01ND	No	32	n/a	n/a	81.25	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-21	0.009272	n/a	2/7/2022	0.01ND	No	31	0.1676	0.01806	16.13	Kaplan-Meier	x^(1/3)	0.0003376	Param Intra 1 of 2
Zinc (mg/L)	GWC-22	0.01	n/a	2/7/2022	0.01ND	No	33	n/a	n/a	81.82	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-23	0.01	n/a	2/7/2022	0.01ND	No	33	n/a	n/a	54.55	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-5	0.01	n/a	2/4/2022	0.01ND	No	33	n/a	n/a	60.61	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-6	0.01	n/a	2/4/2022	0.01ND	No	33	n/a	n/a	72.73	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-7	0.523	n/a	2/4/2022	0.07	No	18	0.1863	0.1294	0	None	No	0.0003376	Param Intra 1 of 2
Zinc (mg/L)	GWC-8	0.01	n/a	2/4/2022	0.01ND	No	32	n/a	n/a	71.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-9	0.01	n/a	2/4/2022	0.01ND	No	33	n/a	n/a	66.67	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2

Interwell Prediction Limits (Appendix I Two-Step) - All Results (No Significant)

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 3/28/2022, 11:22 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Barium (mg/L)	GWC-23	0.21	n/a	2/7/2022	0.091	No	195	n/a	n/a	0	n/a	n/a	0.00005196 NP (normality) 1 of 2

Intrawell Prediction Limits (Appendix III) - Significant Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 3/31/2022, 1:53 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Calcium (mg/L)	GWA-2	52.85	n/a	2/4/2022	57.6	Yes	17	43.1	4.018	0	None	No	0.0006269 Param Intra 1 of 2
Calcium (mg/L)	GWC-18	49.06	n/a	2/4/2022	56.1	Yes	18	40.94	3.386	0	None	No	0.0006269 Param Intra 1 of 2
Calcium (mg/L)	GWC-20	68.63	n/a	2/7/2022	68.7	Yes	18	55.11	5.638	0	None	No	0.0006269 Param Intra 1 of 2
Calcium (mg/L)	GWC-23	53.47	n/a	2/7/2022	64.9	Yes	17	39.06	5.938	0	None	No	0.0006269 Param Intra 1 of 2
Calcium (mg/L)	GWC-9	39.64	n/a	2/4/2022	39.8	Yes	17	35.42	1.737	0	None	No	0.0006269 Param Intra 1 of 2

Intrawell Prediction Limits (Appendix III) - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 3/31/2022, 1:53 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWA-1	0.05	n/a	2/4/2022	0.018J	No	17	n/a	n/a	11.76	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Boron (mg/L)	GWA-11	0.04333	n/a	2/4/2022	0.037J	No	17	0.03634	0.002879	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWA-2	0.1026	n/a	2/4/2022	0.083	No	17	0.08614	0.006798	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWA-3	0.1862	n/a	2/4/2022	0.094	No	17	0.1478	0.01583	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWA-4	0.1386	n/a	2/4/2022	0.06	No	17	0.09064	0.01974	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-10	0.04341	n/a	2/4/2022	0.037J	No	17	0.03398	0.003885	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-18	0.1513	n/a	2/4/2022	0.12	No	17	0.13	0.008789	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-19	0.2063	n/a	2/7/2022	0.15	No	17	0.1738	0.01337	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-20	0.05	n/a	2/7/2022	0.015J	No	17	n/a	n/a	5.882	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Boron (mg/L)	GWC-21	0.1228	n/a	2/7/2022	0.018J	No	17	0.3332	0.06753	0	None	x^(1/3)	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-22	0.08087	n/a	2/7/2022	0.064	No	17	0.06702	0.00571	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-23	0.0809	n/a	2/7/2022	0.052	No	16	0.1789	0.04295	6.25	None	sqrt(x)	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-5	0.08192	n/a	2/4/2022	0.04	No	17	0.05951	0.009236	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-6	0.04728	n/a	2/4/2022	0.039J	No	18	0.03999	0.003041	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-7	0.07297	n/a	2/4/2022	0.055	No	17	0.05303	0.008219	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-8	0.088	n/a	2/4/2022	0.055	No	18	n/a	n/a	0	n/a	n/a	0.005373	NP Intra (normality) 1 of 2
Boron (mg/L)	GWC-9	0.05	n/a	2/4/2022	0.013J	No	17	n/a	n/a	5.882	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Calcium (mg/L)	GWA-1	20.89	n/a	2/4/2022	18.3	No	17	16.2	1.932	5.882	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWA-11	26.42	n/a	2/4/2022	23.7	No	17	20.14	2.587	5.882	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWA-2	52.85	n/a	2/4/2022	57.6	Yes	17	43.1	4.018	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWA-3	90.64	n/a	2/4/2022	59	No	17	75.75	6.137	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWA-4	122.6	n/a	2/4/2022	97.3	No	17	86.21	14.99	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-10	60.32	n/a	2/4/2022	52.8	No	19	40.93	8.193	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-18	49.06	n/a	2/4/2022	56.1	Yes	18	40.94	3.386	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-19	51.43	n/a	2/7/2022	49	No	18	44.52	2.882	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-20	68.63	n/a	2/7/2022	68.7	Yes	18	55.11	5.638	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-21	94.52	n/a	2/7/2022	39.7	No	19	48.75	19.33	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-22	52.63	n/a	2/7/2022	52.6	No	17	47.89	1.955	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-23	53.47	n/a	2/7/2022	64.9	Yes	17	39.06	5.938	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-5	91.67	n/a	2/4/2022	79.5	No	17	75.27	6.759	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-6	75.59	n/a	2/4/2022	71.2	No	17	64.12	4.724	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-7	73.87	n/a	2/4/2022	68.3	No	17	39.29	14.25	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-8	107.1	n/a	2/4/2022	92.6	No	19	68.9	16.13	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-9	39.64	n/a	2/4/2022	39.8	Yes	17	35.42	1.737	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWA-1	1.619	n/a	2/4/2022	0.99J	No	17	0.1658	0.1303	0	None	ln(x)	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWA-11	2.058	n/a	2/4/2022	1.2	No	17	1.43	0.2592	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWA-2	3.046	n/a	2/4/2022	2.3	No	17	2.365	0.2806	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWA-3	5.301	n/a	2/4/2022	1.1	No	17	3.626	0.6902	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWA-4	10.38	n/a	2/4/2022	3.3	No	17	5.864	1.863	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-10	2.237	n/a	2/4/2022	1.3	No	19	1.512	0.3062	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-18	1.802	n/a	2/4/2022	0.88J	No	17	1.711	0.6329	0	None	x^2	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-19	2.623	n/a	2/7/2022	1.1	No	17	1.764	0.3539	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-20	2.379	n/a	2/7/2022	1.2	No	18	1.577	0.3346	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-21	3.92	n/a	2/7/2022	2.7	No	18	2.504	0.5908	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-22	2.086	n/a	2/7/2022	1	No	17	1.436	0.2681	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-23	2.249	n/a	2/7/2022	0.7J	No	17	1.397	0.3512	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-5	4.201	n/a	2/4/2022	1.9	No	17	2.822	0.5683	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-6	2.452	n/a	2/4/2022	1.6	No	17	1.86	0.2439	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-7	2.289	n/a	2/4/2022	1.8	No	17	1.612	0.2791	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-8	3.284	n/a	2/4/2022	3.2	No	19	2.034	0.5279	0	None	No	0.0006269	Param Intra 1 of 2

Intrawell Prediction Limits (Appendix III) - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 3/31/2022, 1:53 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chloride (mg/L)	GWC-9	1.765	n/a	2/4/2022	0.78J	No	17	1.099	0.2742	0	None	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWA-1	0.1904	n/a	2/4/2022	0.087J	No	17	0.1011	0.03681	5.882	None	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWA-11	0.1644	n/a	2/4/2022	0.068J	No	17	0.07655	0.0362	17.65	Kaplan-Meier	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWA-2	0.2383	n/a	2/4/2022	0.085J	No	17	0.1233	0.04738	5.882	None	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWA-3	0.484	n/a	2/4/2022	0.084J	No	17	0.2083	0.1136	5.882	None	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWA-4	0.4826	n/a	2/4/2022	0.11	No	17	0.4315	0.1085	0	None	sqrt(x)	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-10	0.1902	n/a	2/4/2022	0.07J	No	17	0.1044	0.03536	11.76	None	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-18	0.218	n/a	2/4/2022	0.12	No	17	0.1375	0.03319	5.882	None	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-19	0.2528	n/a	2/7/2022	0.1	No	17	0.1435	0.04503	5.882	None	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-20	0.1931	n/a	2/7/2022	0.058J	No	17	0.2872	0.06277	5.882	None	sqrt(x)	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-21	0.2126	n/a	2/7/2022	0.05ND	No	17	0.08559	0.05234	23.53	Kaplan-Meier	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-22	0.151	n/a	2/7/2022	0.059J	No	17	0.08591	0.02682	5.882	None	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-23	0.1833	n/a	2/7/2022	0.082J	No	17	0.1043	0.03254	5.882	None	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-5	0.33	n/a	2/4/2022	0.05ND	No	17	n/a	n/a	17.65	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-6	0.3078	n/a	2/4/2022	0.058J	No	17	0.3089	0.1013	11.76	None	sqrt(x)	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-7	0.514	n/a	2/4/2022	0.14	No	17	0.6093	0.07904	0	None	x^(1/3)	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-8	0.4	n/a	2/4/2022	0.12	No	18	n/a	n/a	0	n/a	n/a	0.005373	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-9	0.1716	n/a	2/4/2022	0.076J	No	17	0.0917	0.03293	5.882	None	No	0.0006269	Param Intra 1 of 2
pH (SU)	GWA-1	7.381	6.536	2/4/2022	7.18	No	17	6.958	0.1741	0	None	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWA-11	7.054	6.388	2/4/2022	6.92	No	17	6.721	0.1372	0	None	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWA-2	7.234	6.539	2/4/2022	6.98	No	17	6.886	0.1432	0	None	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWA-3	7.212	6.33	2/4/2022	6.75	No	17	6.771	0.1818	0	None	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWA-4	7.16	6.365	2/4/2022	7.11	No	17	6.762	0.1637	0	None	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-10	7.72	6.825	2/4/2022	7.51	No	18	7.272	0.1867	0	None	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-18	7.787	7.382	2/4/2022	7.73	No	17	7.585	0.08345	0	None	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-19	7.783	7.194	2/7/2022	7.61	No	19	7.488	0.1243	0	None	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-20	7.608	6.972	2/7/2022	7.57	No	20	7.29	0.1358	0	None	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-21	7.693	5.612	2/7/2022	6.58	No	17	6.652	0.4288	0	None	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-22	7.958	7.287	2/7/2022	7.85	No	18	7.623	0.1399	0	None	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-23	7.52	6.662	2/7/2022	7.05	No	17	7.091	0.1769	0	None	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-5	7.21	6.445	2/4/2022	6.92	No	17	6.828	0.1576	0	None	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-6	7.319	6.708	2/4/2022	7.21	No	18	7.014	0.1274	0	None	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-7	6.768	5.558	2/4/2022	6.7	No	18	6.163	0.2524	0	None	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-8	7.787	6.575	2/4/2022	7.07	No	20	7.181	0.259	0	None	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-9	7.324	6.313	2/4/2022	7.1	No	17	6.819	0.2084	0	None	No	0.0003135	Param Intra 1 of 2
Sulfate (mg/L)	GWA-1	6.6	n/a	2/4/2022	4	No	17	n/a	n/a	0	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWA-11	15.25	n/a	2/4/2022	10.4	No	17	12.17	1.271	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWA-2	22.46	n/a	2/4/2022	21.1	No	17	15.77	2.757	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWA-3	215.8	n/a	2/4/2022	73.5	No	17	11	1.519	0	None	sqrt(x)	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWA-4	321.2	n/a	2/4/2022	170	No	17	177.4	59.29	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-10	33.9	n/a	2/4/2022	14.4	No	18	n/a	n/a	0	n/a	n/a	0.005373	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWC-18	14.45	n/a	2/4/2022	8.9	No	17	10.5	1.628	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-19	20.64	n/a	2/7/2022	16.9	No	17	16.5	1.709	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-20	80.7	n/a	2/7/2022	66.3	No	9	53.13	8.981	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-21	54.24	n/a	2/7/2022	25.9	No	17	31.49	9.375	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-22	13.34	n/a	2/7/2022	8.2	No	17	7.635	2.352	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-23	43	n/a	2/7/2022	13	No	17	n/a	n/a	0	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWC-5	145.9	n/a	2/4/2022	80.1	No	17	4.427	0.2289	0	None	ln(x)	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-6	144.4	n/a	2/4/2022	101	No	21	108.3	15.56	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-7	178.3	n/a	2/4/2022	78.3	No	17	109.7	28.29	0	None	No	0.0006269	Param Intra 1 of 2

Intrawell Prediction Limits (Appendix III) - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 3/31/2022, 1:53 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Sulfate (mg/L)	GWC-8	60.46	n/a	2/4/2022	25.8	No	17	40.99	8.027	0	None	No	0.0006269 Param Intra 1 of 2
Sulfate (mg/L)	GWC-9	85.39	n/a	2/4/2022	69.2	No	18	69.08	6.805	0	None	No	0.0006269 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-1	163.4	n/a	2/4/2022	107	No	17	102.9	24.95	0	None	No	0.0006269 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-11	179.4	n/a	2/4/2022	125	No	17	121.6	23.82	0	None	No	0.0006269 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-2	268.6	n/a	2/4/2022	245	No	17	221.5	19.41	0	None	No	0.0006269 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-3	653	n/a	2/4/2022	325	No	17	n/a	n/a	0	n/a	n/a	0.005914 NP Intra (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWA-4	733.8	n/a	2/4/2022	496	No	17	507.8	93.12	0	None	No	0.0006269 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-10	268.9	n/a	2/4/2022	214	No	17	179.4	36.87	0	None	No	0.0006269 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-18	248.3	n/a	2/4/2022	225	No	16	202.1	18.8	0	None	No	0.0006269 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-19	281.8	n/a	2/7/2022	218	No	16	233.4	19.68	0	None	No	0.0006269 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-20	310.9	n/a	2/7/2022	268	No	17	237.4	30.3	0	None	No	0.0006269 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-21	398.1	n/a	2/7/2022	161	No	19	200.5	83.46	0	None	No	0.0006269 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-22	324	n/a	2/7/2022	207	No	17	n/a	n/a	0	n/a	n/a	0.005914 NP Intra (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-23	290.6	n/a	2/7/2022	224	No	17	196.4	38.83	0	None	No	0.0006269 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-5	511	n/a	2/4/2022	360	No	17	n/a	n/a	0	n/a	n/a	0.005914 NP Intra (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-6	423.2	n/a	2/4/2022	335	No	19	332.2	38.42	0	None	No	0.0006269 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-7	358.6	n/a	2/4/2022	310	No	17	264.9	38.59	0	None	No	0.0006269 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-8	444.9	n/a	2/4/2022	349	No	19	285	67.54	0	None	No	0.0006269 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-9	310.7	n/a	2/4/2022	225	No	17	226.2	34.82	0	None	No	0.0006269 Param Intra 1 of 2

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

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 3/28/2022, 11:33 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method	
Calcium (mg/L)	GWC-18	123	n/a	2/4/2022	56.1	No	90	n/a	n/a	2.222	n/a	n/a	0.0002358	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-20	123	n/a	2/7/2022	68.7	No	90	n/a	n/a	2.222	n/a	n/a	0.0002358	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-23	123	n/a	2/7/2022	64.9	No	90	n/a	n/a	2.222	n/a	n/a	0.0002358	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-9	123	n/a	2/4/2022	39.8	No	90	n/a	n/a	2.222	n/a	n/a	0.0002358	NP Inter (normality) 1 of 2

Trend Tests (Prediction Limit Exceedances) - Significant Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 3/28/2022, 11:43 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium (mg/L)	GWA-2 (bg)	0.003814	424	214	Yes	39	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-3 (bg)	-0.00523	-468	-214	Yes	39	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-4 (bg)	-0.002673	-295	-214	Yes	39	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWC-23	0.001527	296	214	Yes	39	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-20	2.784	97	74	Yes	19	0	n/a	n/a	0.01	NP

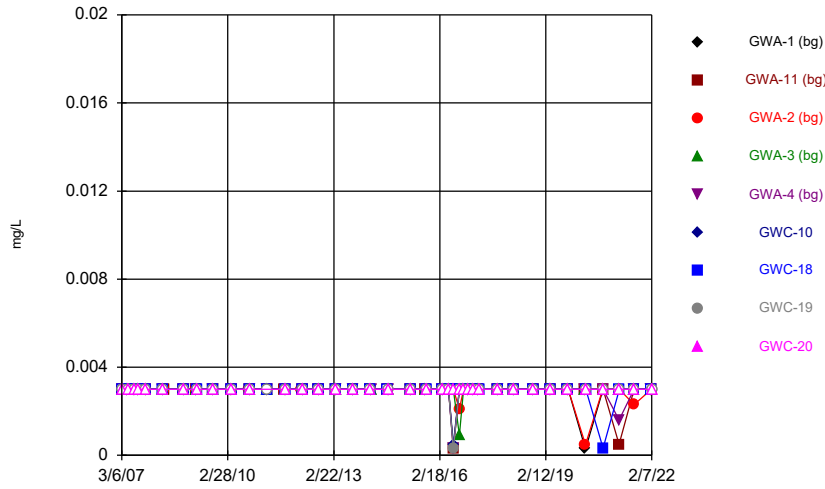
Trend Tests (Prediction Limit Exceedances) - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 3/28/2022, 11:43 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium (mg/L)	GWA-1 (bg)	0	-17	-214	No	39	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-11 (bg)	-0.0001807	-185	-214	No	39	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-2 (bg)	0.003814	424	214	Yes	39	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-3 (bg)	-0.00523	-468	-214	Yes	39	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-4 (bg)	-0.002673	-295	-214	Yes	39	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWC-23	0.001527	296	214	Yes	39	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-1 (bg)	0.2607	37	68	No	18	5.556	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-11 (bg)	0.2331	14	68	No	18	5.556	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-2 (bg)	1.452	49	68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-3 (bg)	-0.711	-29	-68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-4 (bg)	-2.912	-39	-68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-18	1.331	58	74	No	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-20	2.784	97	74	Yes	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-23	2.593	68	68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-9	0.7095	66	68	No	18	0	n/a	n/a	0.01	NP

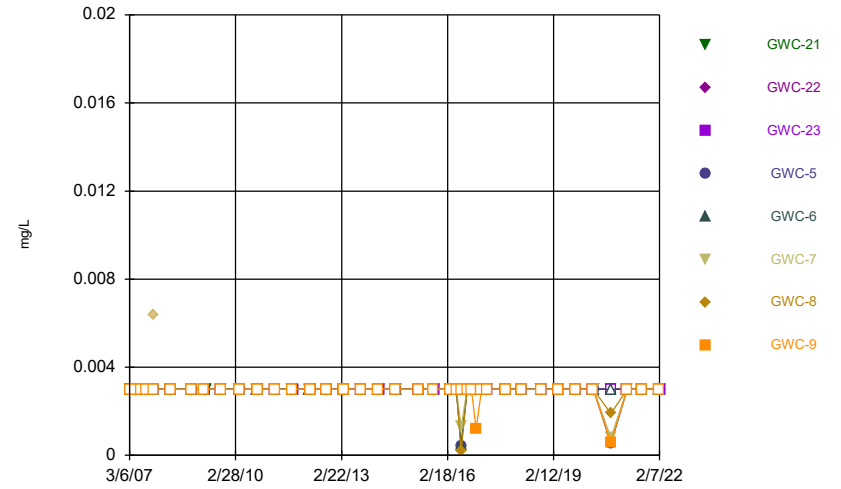
FIGURE A.

Time Series



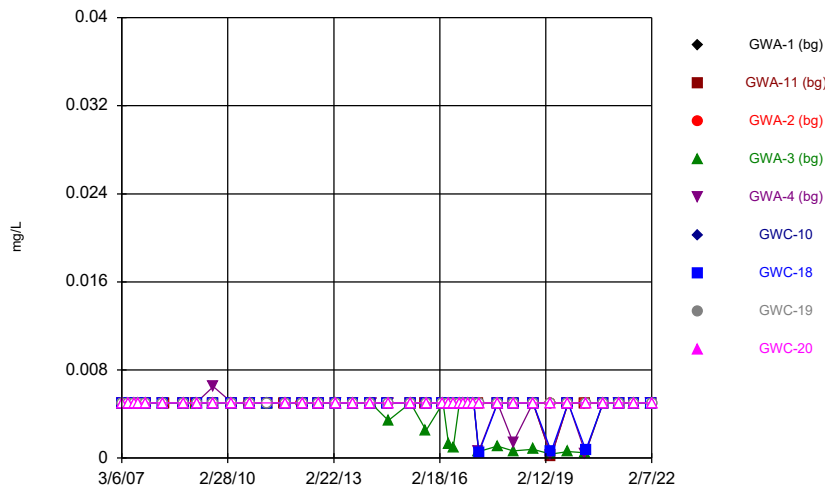
Constituent: Antimony Analysis Run 3/31/2022 1:30 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



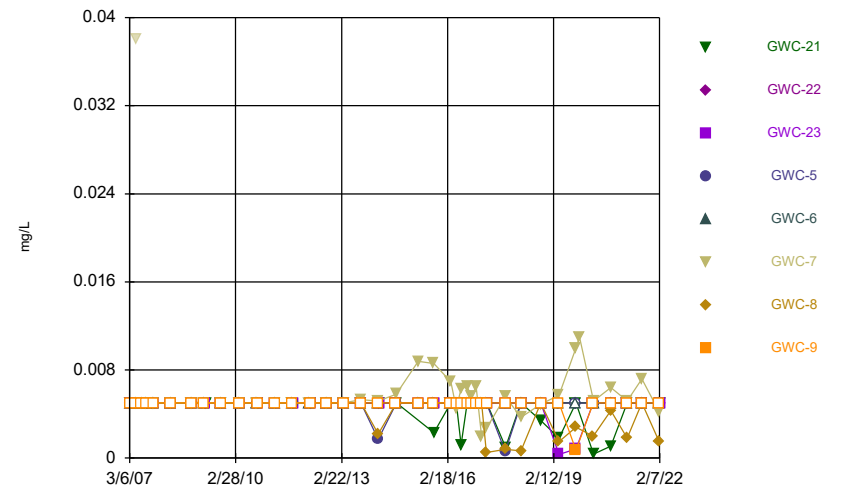
Constituent: Antimony Analysis Run 3/31/2022 1:30 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



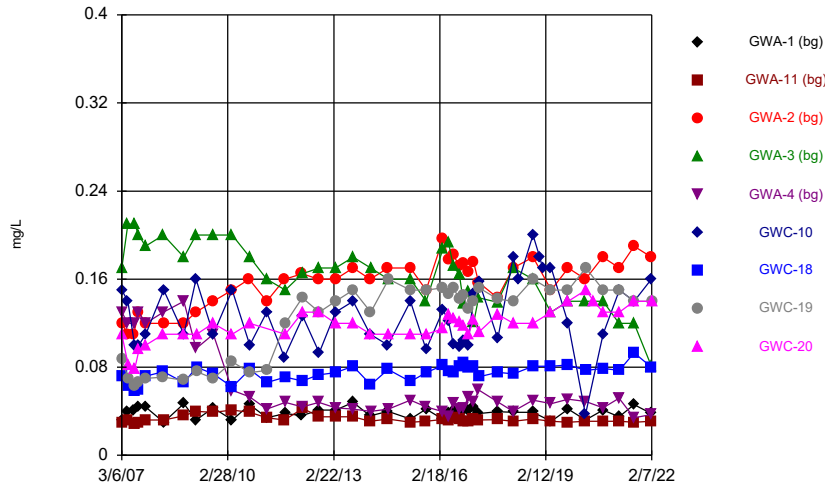
Constituent: Arsenic Analysis Run 3/31/2022 1:30 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



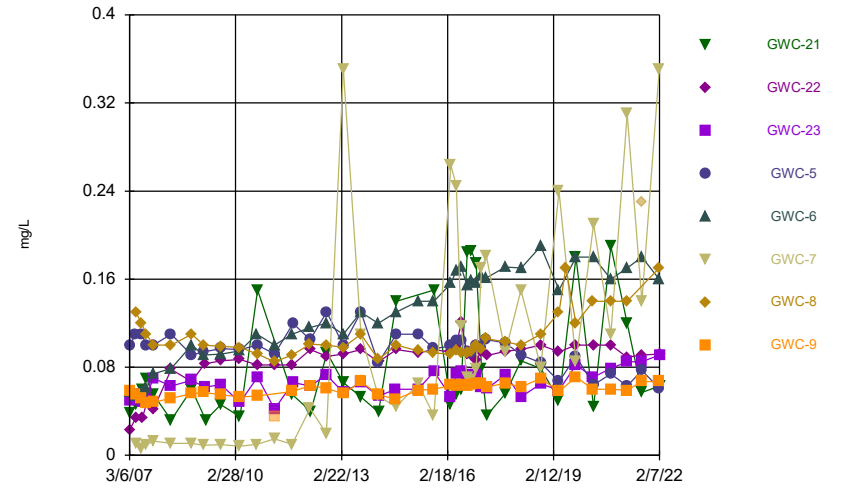
Constituent: Arsenic Analysis Run 3/31/2022 1:30 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



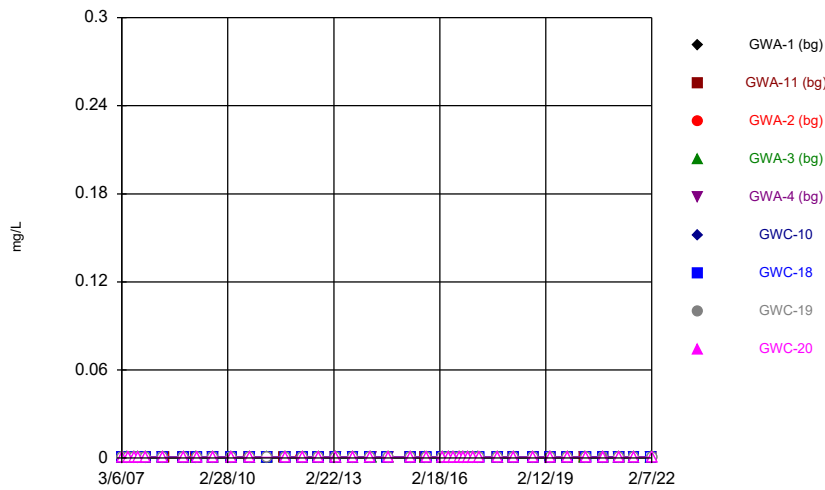
Constituent: Barium Analysis Run 3/31/2022 1:30 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



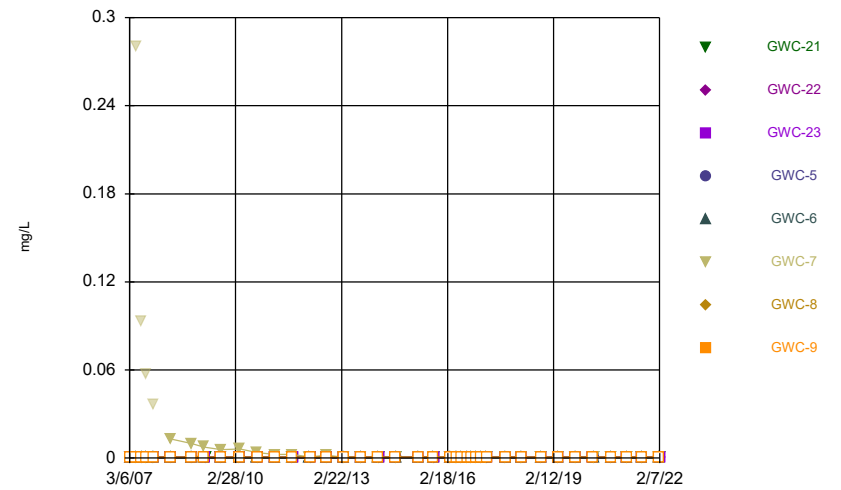
Constituent: Barium Analysis Run 3/31/2022 1:30 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



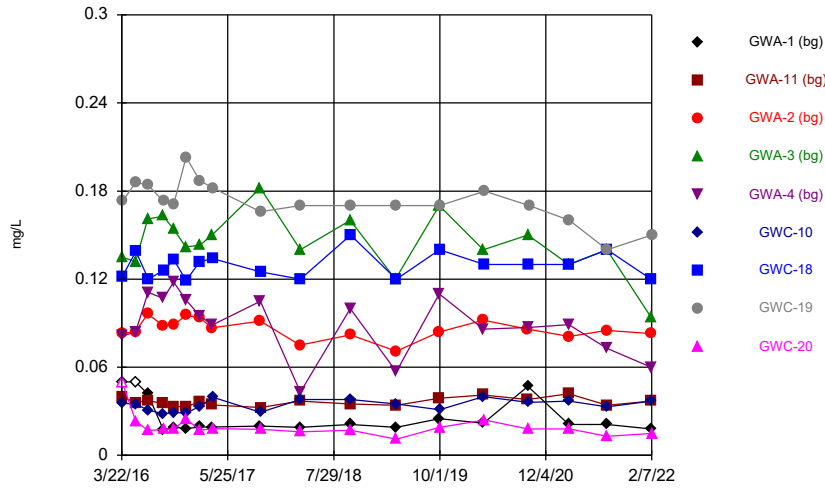
Constituent: Beryllium Analysis Run 3/31/2022 1:30 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



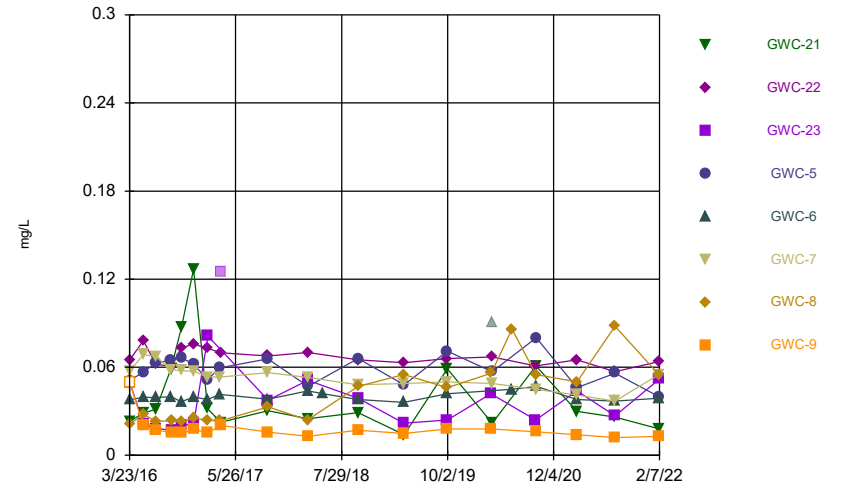
Constituent: Beryllium Analysis Run 3/31/2022 1:30 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



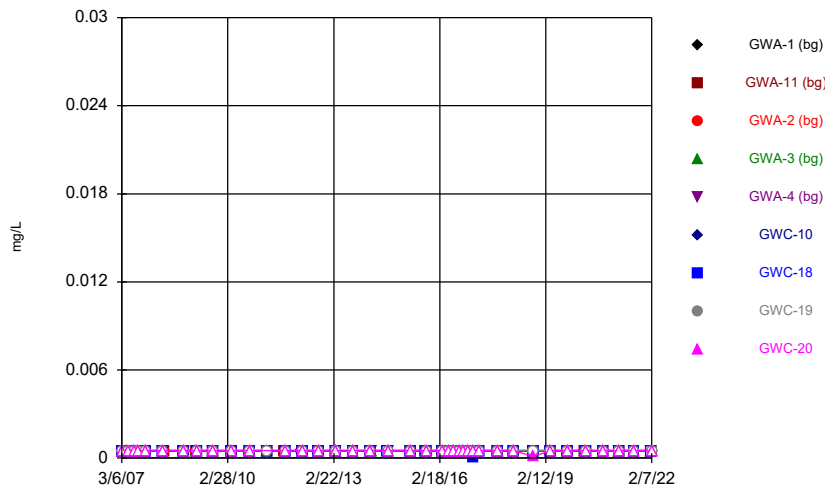
Constituent: Boron Analysis Run 3/31/2022 1:30 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



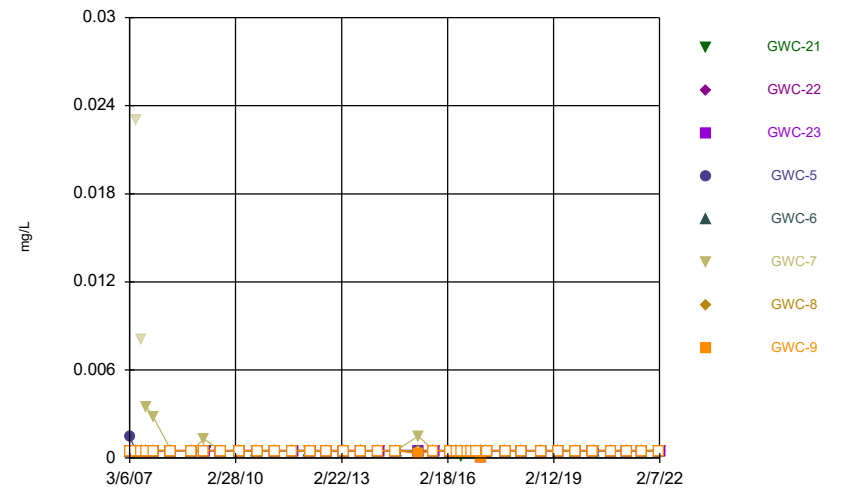
Constituent: Boron Analysis Run 3/31/2022 1:30 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



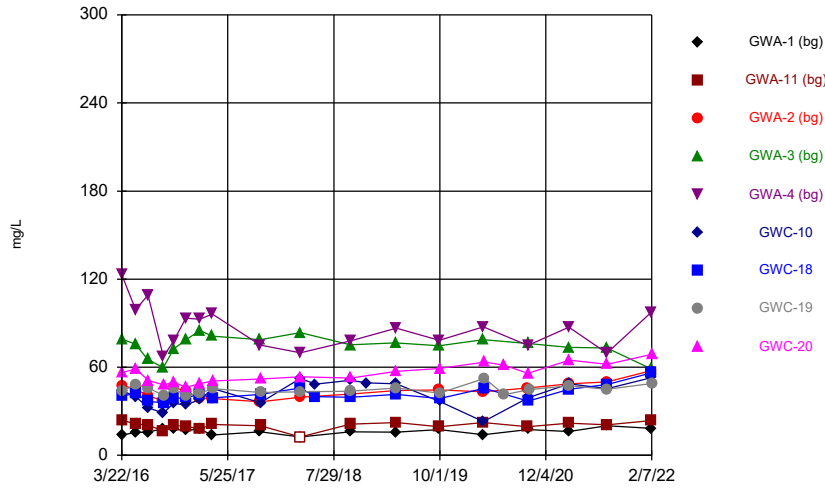
Constituent: Cadmium Analysis Run 3/31/2022 1:30 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



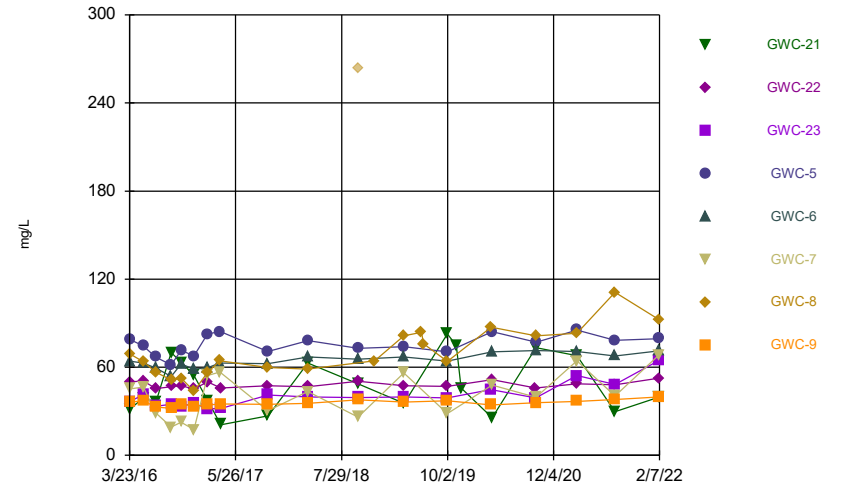
Constituent: Cadmium Analysis Run 3/31/2022 1:30 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



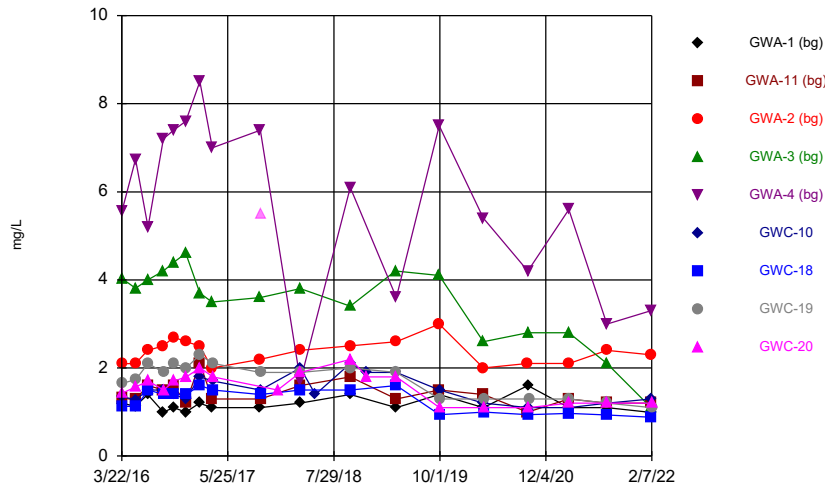
Constituent: Calcium Analysis Run 3/31/2022 1:30 PM View: Descriptive
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



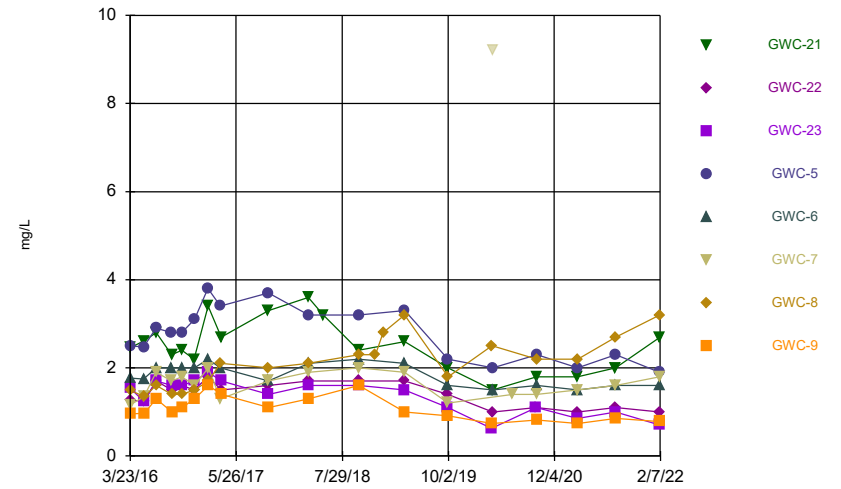
Constituent: Calcium Analysis Run 3/31/2022 1:30 PM View: Descriptive
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



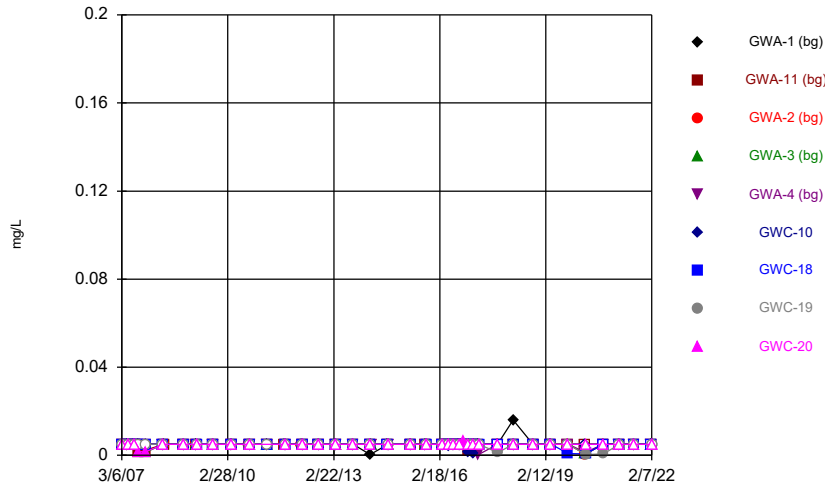
Constituent: Chloride Analysis Run 3/31/2022 1:30 PM View: Descriptive
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



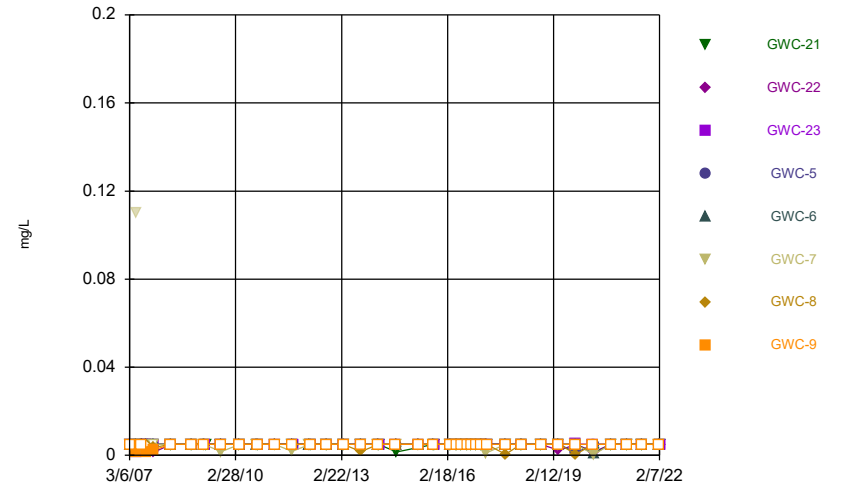
Constituent: Chloride Analysis Run 3/31/2022 1:30 PM View: Descriptive
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



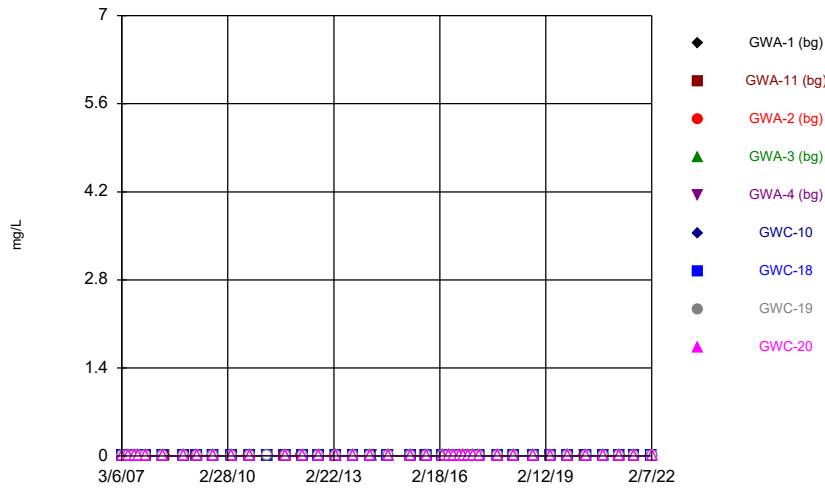
Constituent: Chromium Analysis Run 3/31/2022 1:30 PM View: Descriptive
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



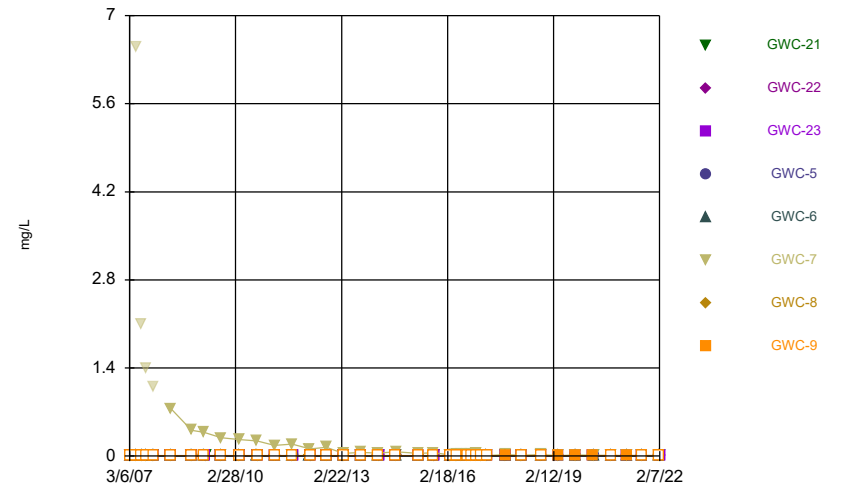
Constituent: Chromium Analysis Run 3/31/2022 1:30 PM View: Descriptive
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



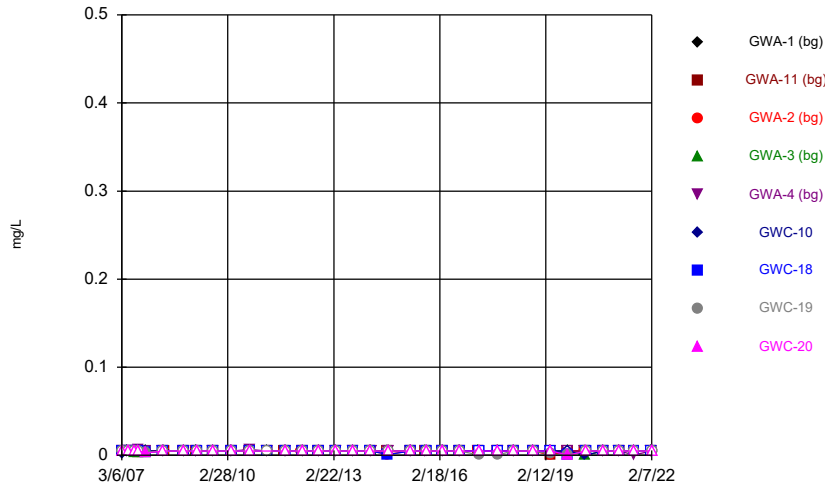
Constituent: Cobalt Analysis Run 3/31/2022 1:30 PM View: Descriptive
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



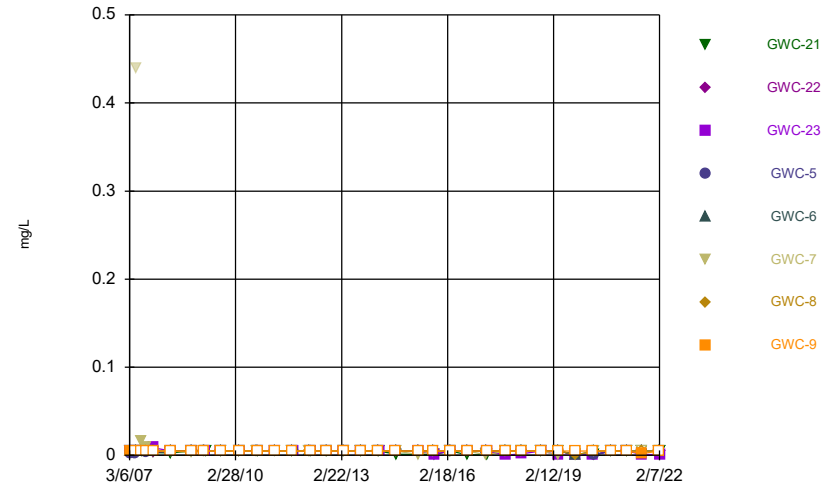
Constituent: Cobalt Analysis Run 3/31/2022 1:30 PM View: Descriptive
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



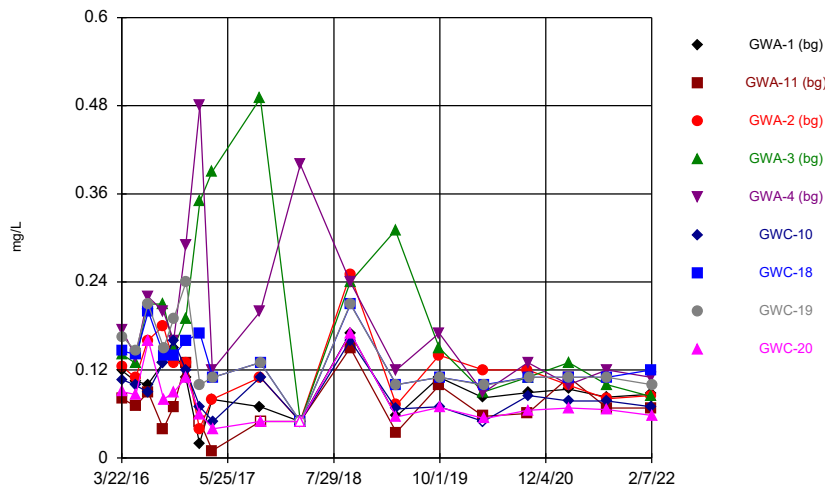
Constituent: Copper Analysis Run 3/31/2022 1:30 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



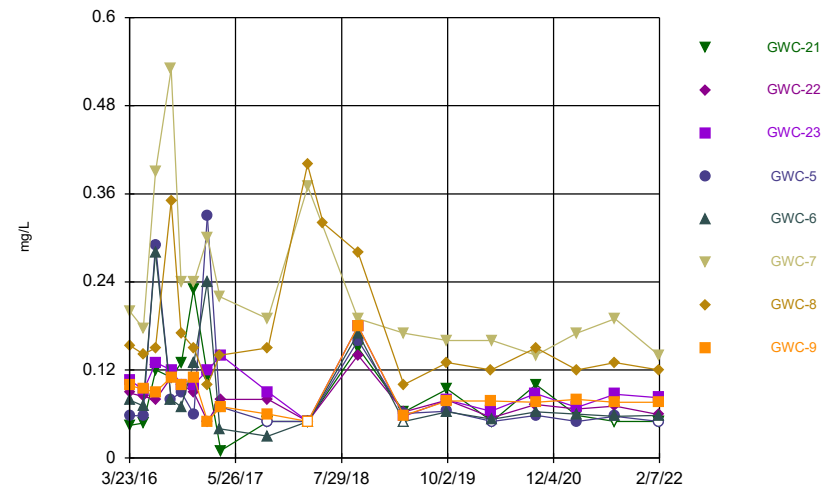
Constituent: Copper Analysis Run 3/31/2022 1:30 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



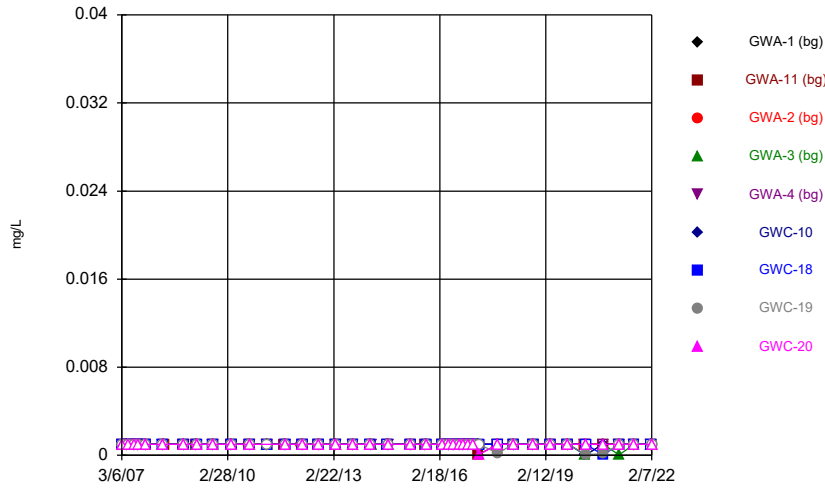
Constituent: Fluoride Analysis Run 3/31/2022 1:30 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



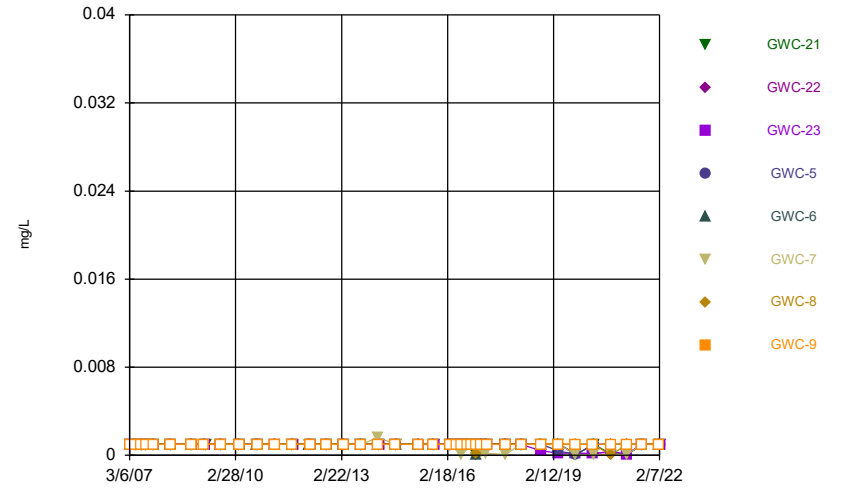
Constituent: Fluoride Analysis Run 3/31/2022 1:30 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



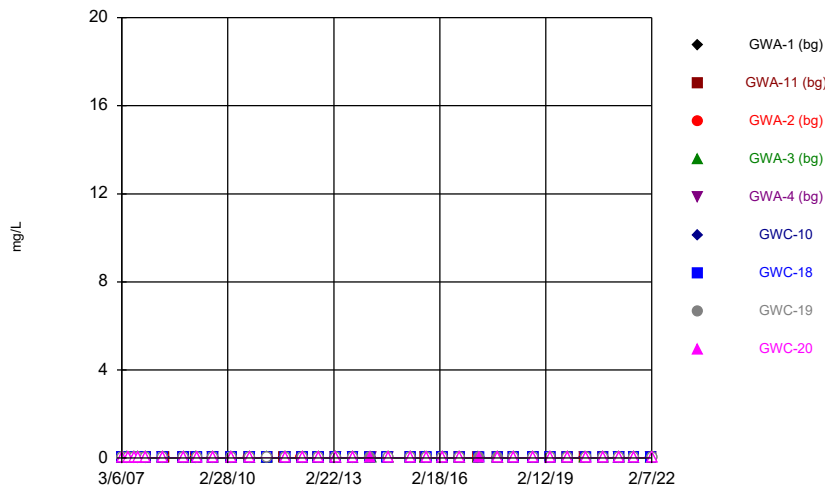
Constituent: Lead Analysis Run 3/31/2022 1:30 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



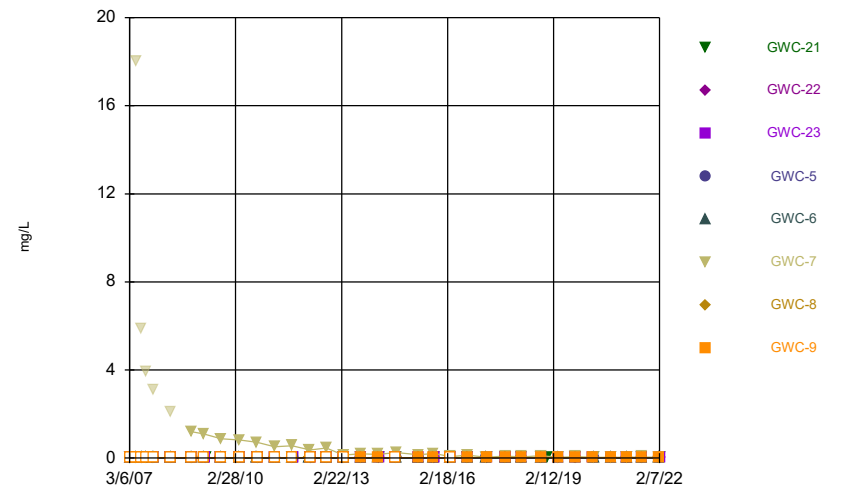
Constituent: Lead Analysis Run 3/31/2022 1:30 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



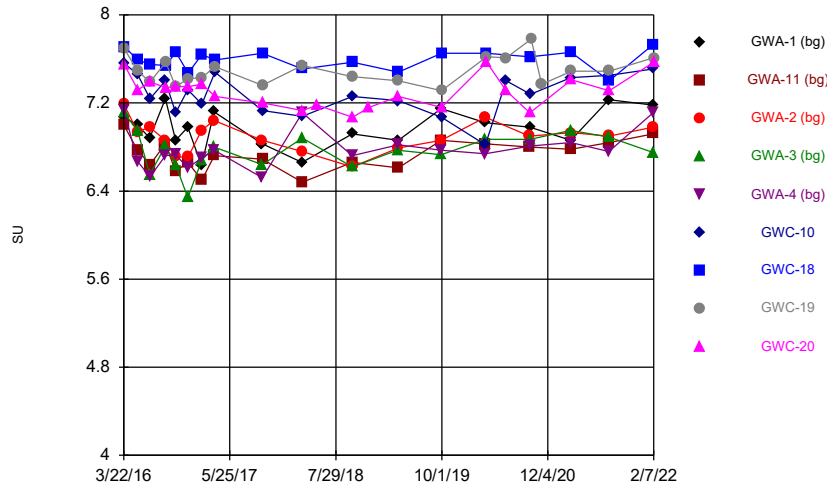
Constituent: Nickel Analysis Run 3/31/2022 1:30 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



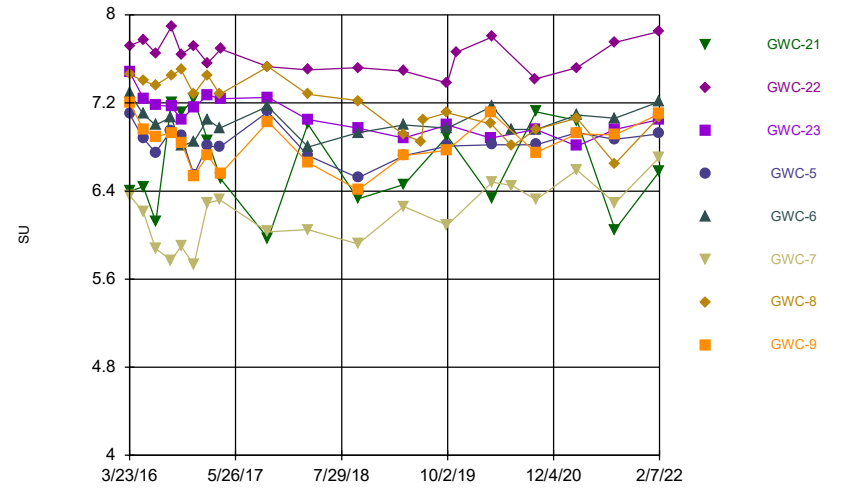
Constituent: Nickel Analysis Run 3/31/2022 1:30 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



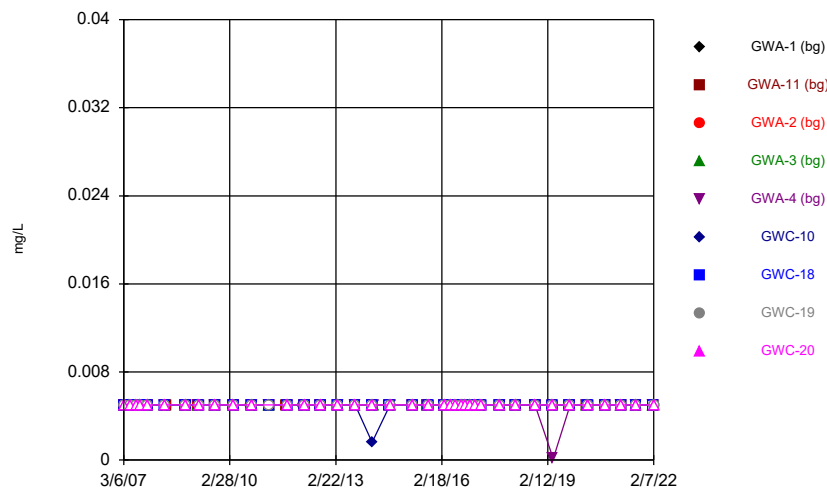
Constituent: pH Analysis Run 3/31/2022 1:30 PM View: Descriptive
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



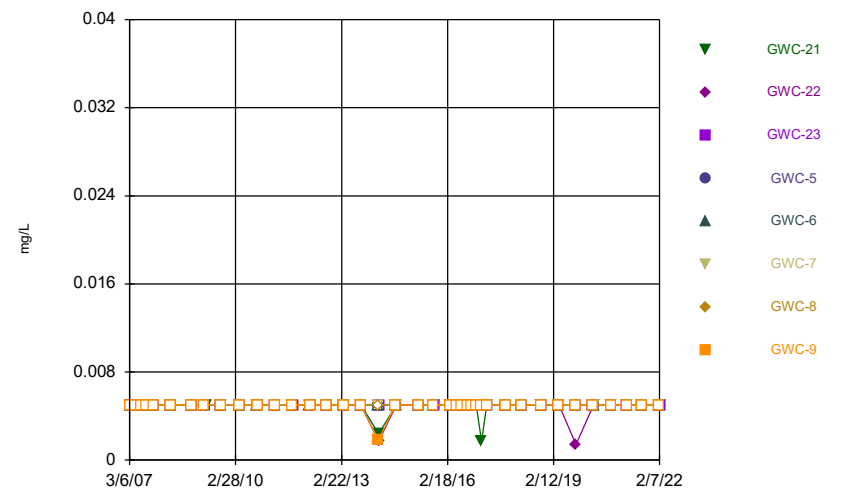
Constituent: pH Analysis Run 3/31/2022 1:30 PM View: Descriptive
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



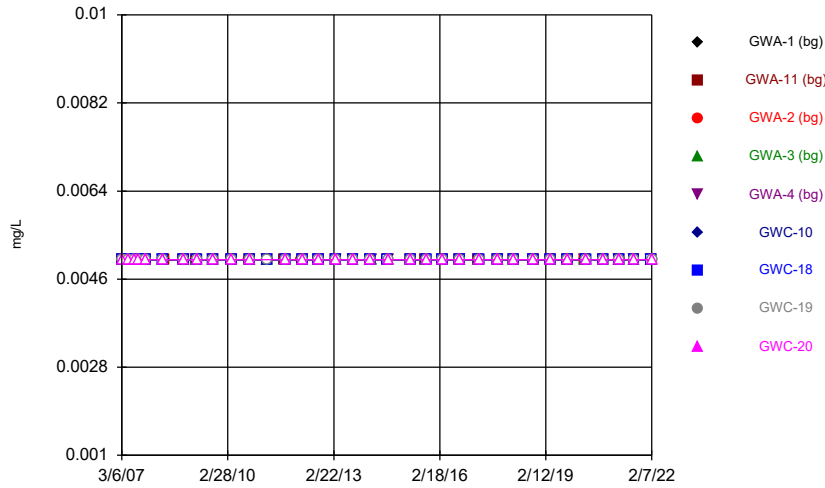
Constituent: Selenium Analysis Run 3/31/2022 1:30 PM View: Descriptive
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



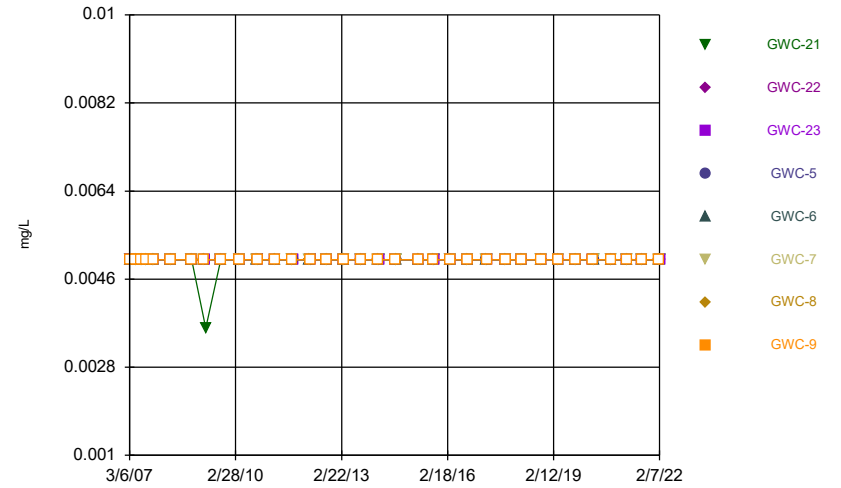
Constituent: Selenium Analysis Run 3/31/2022 1:31 PM View: Descriptive
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



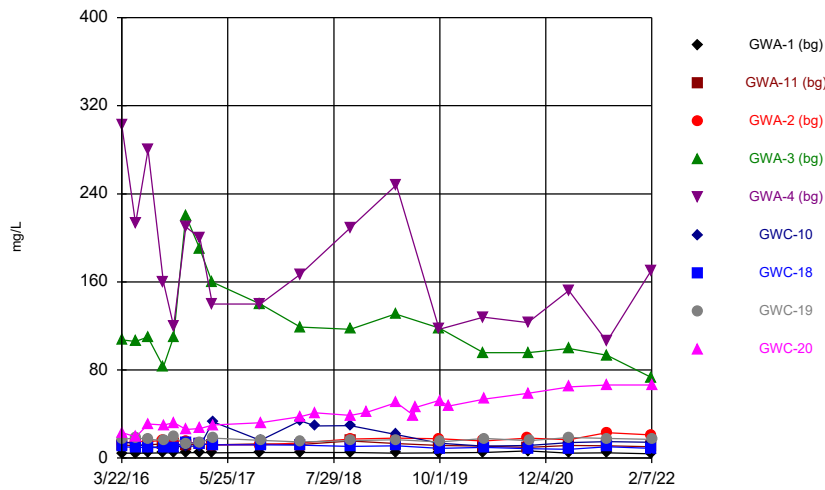
Constituent: Silver Analysis Run 3/31/2022 1:31 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



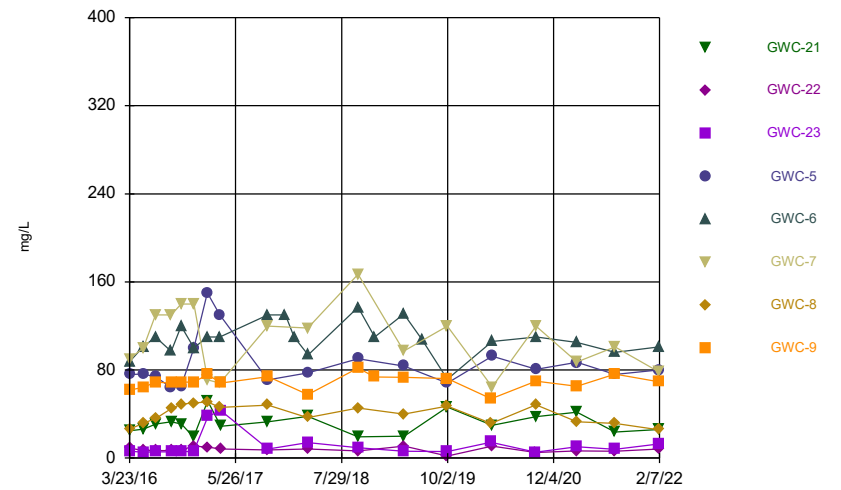
Constituent: Silver Analysis Run 3/31/2022 1:31 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



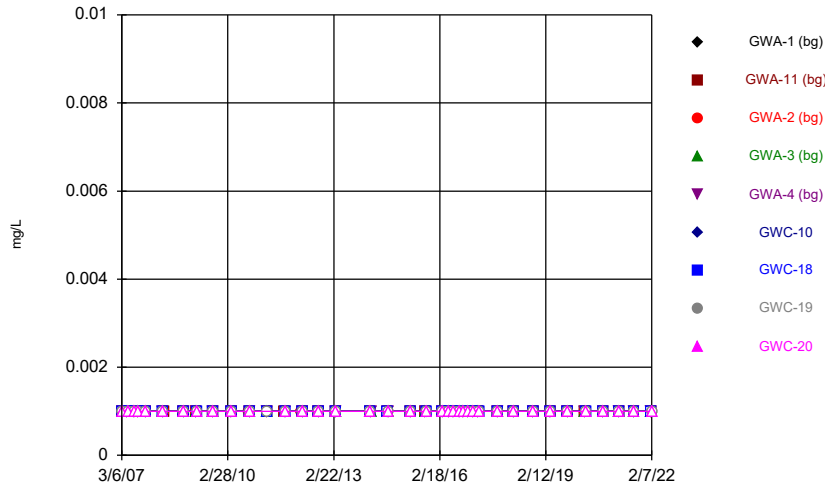
Constituent: Sulfate Analysis Run 3/31/2022 1:31 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



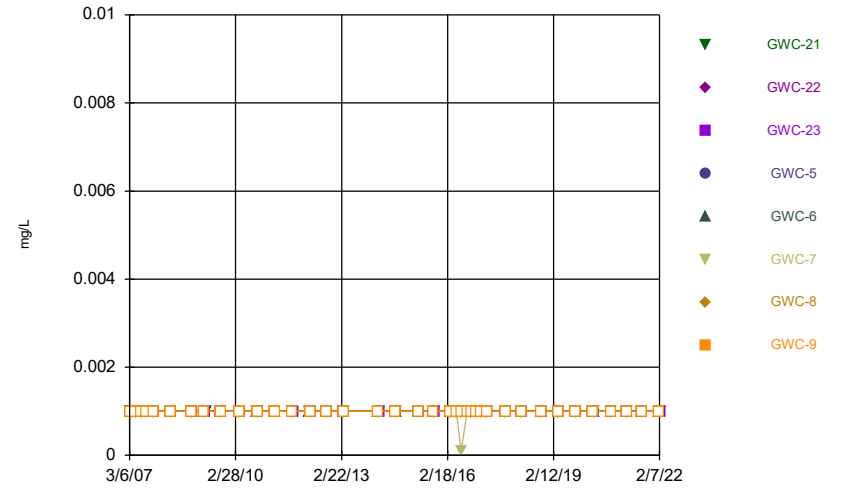
Constituent: Sulfate Analysis Run 3/31/2022 1:31 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



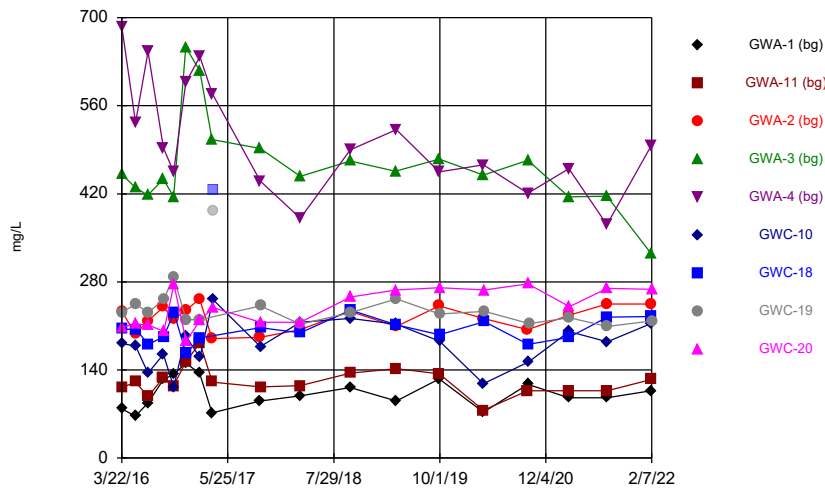
Constituent: Thallium Analysis Run 3/31/2022 1:31 PM View: Descriptive
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



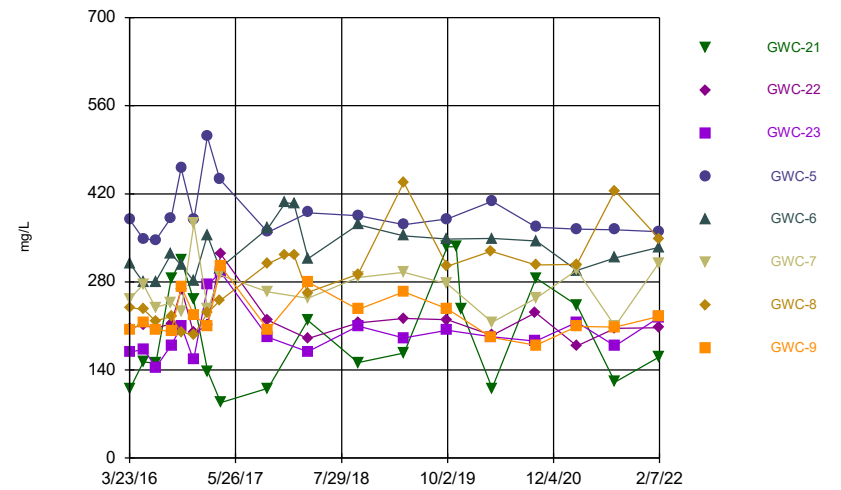
Constituent: Thallium Analysis Run 3/31/2022 1:31 PM View: Descriptive
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



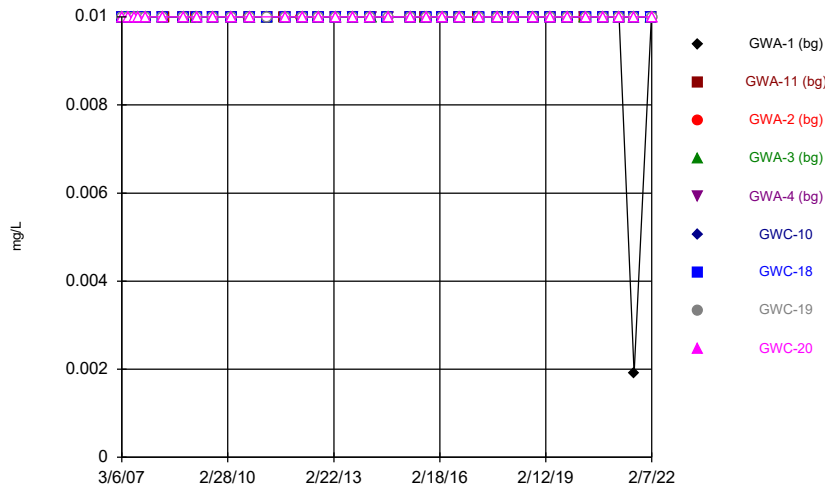
Constituent: Total Dissolved Solids Analysis Run 3/31/2022 1:31 PM View: Descriptive
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series

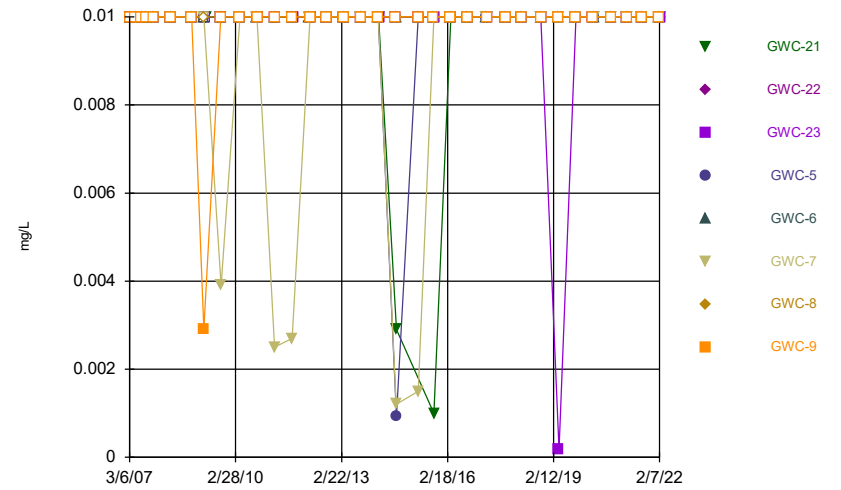


Constituent: Total Dissolved Solids Analysis Run 3/31/2022 1:31 PM View: Descriptive
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

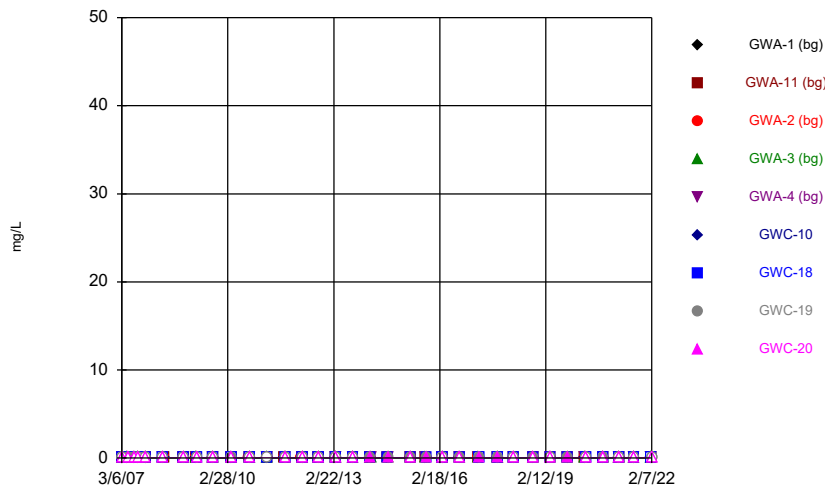
Time Series



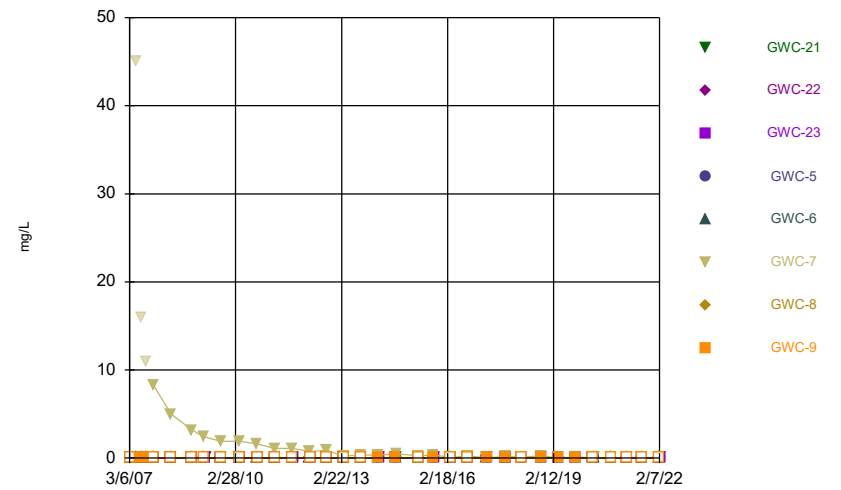
Time Series



Time Series



Time Series



Time Series

Constituent: Antimony (mg/L) Analysis Run 3/31/2022 1:32 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

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

Time Series

Constituent: Antimony (mg/L) Analysis Run 3/31/2022 1:32 PM View: Descriptive
 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 3/31/2022 1:32 PM View: Descriptive
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

Time Series

Constituent: Antimony (mg/L) Analysis Run 3/31/2022 1:32 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

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

Time Series

Constituent: Antimony (mg/L) Analysis Run 3/31/2022 1:32 PM View: Descriptive
 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					

Time Series

Constituent: Arsenic (mg/L) Analysis Run 3/31/2022 1:32 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

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

Time Series

Constituent: Arsenic (mg/L) Analysis Run 3/31/2022 1:32 PM View: Descriptive
 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 3/31/2022 1:32 PM View: Descriptive
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

Time Series

Constituent: Arsenic (mg/L) Analysis Run 3/31/2022 1:32 PM View: Descriptive

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 3/31/2022 1:32 PM View: Descriptive
 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					

Time Series

Constituent: Barium (mg/L) Analysis Run 3/31/2022 1:32 PM View: Descriptive

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 3/31/2022 1:32 PM View: Descriptive
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

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

Time Series

Constituent: Barium (mg/L) Analysis Run 3/31/2022 1:32 PM View: Descriptive

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 3/31/2022 1:32 PM View: Descriptive
 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					

Time Series

Constituent: Beryllium (mg/L) Analysis Run 3/31/2022 1:32 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

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

Time Series

Constituent: Beryllium (mg/L) Analysis Run 3/31/2022 1:32 PM View: Descriptive
 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 3/31/2022 1:32 PM View: Descriptive
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

Time Series

Constituent: Beryllium (mg/L) Analysis Run 3/31/2022 1:32 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

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

Time Series

Constituent: Beryllium (mg/L) Analysis Run 3/31/2022 1:32 PM View: Descriptive
 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					

Time Series

Constituent: Boron (mg/L) Analysis Run 3/31/2022 1:32 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

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

Time Series

Constituent: Boron (mg/L) Analysis Run 3/31/2022 1:32 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

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

Time Series

Constituent: Cadmium (mg/L) Analysis Run 3/31/2022 1:32 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

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

Time Series

Constituent: Cadmium (mg/L) Analysis Run 3/31/2022 1:32 PM View: Descriptive
 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 3/31/2022 1:32 PM View: Descriptive
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

Time Series

Constituent: Cadmium (mg/L) Analysis Run 3/31/2022 1:32 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

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

Time Series

Constituent: Cadmium (mg/L) Analysis Run 3/31/2022 1:32 PM View: Descriptive
 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					

Time Series

Constituent: Calcium (mg/L) Analysis Run 3/31/2022 1:33 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

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

Time Series

Constituent: Calcium (mg/L) Analysis Run 3/31/2022 1:33 PM View: Descriptive

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					

Time Series

Constituent: Chloride (mg/L) Analysis Run 3/31/2022 1:33 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

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

Time Series

Constituent: Chloride (mg/L) Analysis Run 3/31/2022 1:33 PM View: Descriptive

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)					

Time Series

Constituent: Chromium (mg/L) Analysis Run 3/31/2022 1:33 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

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

Time Series

Constituent: Chromium (mg/L) Analysis Run 3/31/2022 1:33 PM View: Descriptive
 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 3/31/2022 1:33 PM View: Descriptive
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

Time Series

Constituent: Chromium (mg/L) Analysis Run 3/31/2022 1:33 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

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

Time Series

Constituent: Chromium (mg/L) Analysis Run 3/31/2022 1:33 PM View: Descriptive

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					

Time Series

Constituent: Cobalt (mg/L) Analysis Run 3/31/2022 1:33 PM View: Descriptive

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				0.0016				
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	0.002	<0.005	<0.005		
9/11/2013	<0.005							<0.005	<0.005
3/4/2014	0.00043 (J)	0.00047 (J)	<0.005			<0.005			
3/10/2014							<0.005	<0.005	<0.005
3/11/2014				<0.005	<0.005				

Time Series

Constituent: Cobalt (mg/L) Analysis Run 3/31/2022 1:33 PM View: Descriptive
 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	<0.005	<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	0.0004 (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		<0.005		<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 3/31/2022 1:33 PM View: Descriptive
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

Time Series

Constituent: Cobalt (mg/L) Analysis Run 3/31/2022 1:33 PM View: Descriptive

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	6.5 (o)	<0.005	
7/6/2007				<0.005		2.1 (o)	<0.005	<0.005
7/17/2007	<0.005	<0.005	<0.005		<0.005			
8/28/2007				<0.005	<0.005	1.4 (o)	<0.005	<0.005
8/29/2007	<0.005	<0.005	<0.005					
11/6/2007				<0.005	<0.005	1.1 (o)	<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	0.75	<0.005	<0.005
12/2/2008						0.41	<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						0.38	<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	0.29		
4/13/2010	<0.005	<0.005			<0.005	0.26	<0.005	<0.005
4/14/2010			<0.005	<0.005				
10/6/2010					<0.005			
10/7/2010						0.24		
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	0.17	<0.005	<0.005
4/6/2011		<0.005	<0.005					
10/4/2011					<0.005	0.19	<0.005	<0.005
10/5/2011	<0.005	<0.005						
10/12/2011			<0.005	<0.005				
4/3/2012					<0.005	0.114	<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	0.14		
9/19/2012			<0.005				<0.005	<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	<0.005	<0.005
3/13/2013	<0.005	<0.005	<0.005					
9/9/2013					<0.005			
9/10/2013			<0.005	<0.005		0.06	<0.005	<0.005
9/11/2013	0.0018	<0.005						
3/5/2014				<0.005	<0.005	0.049	<0.005	<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			<0.005	

Time Series

Constituent: Cobalt (mg/L) Analysis Run 3/31/2022 1:33 PM View: Descriptive
 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		<0.005	
4/23/2015		<0.005	<0.005					
9/29/2015				<0.005	<0.005	0.0525	<0.005	<0.005
9/30/2015	<0.005	<0.005	<0.005					
3/23/2016		<0.005	<0.005	<0.005	<0.005	0.0172	<0.005	<0.005
3/24/2016	<0.005							
5/17/2016				<0.005	<0.005			
5/18/2016	<0.005	<0.005				0.021	<0.005	<0.005
5/19/2016			<0.005					
7/6/2016				<0.005	<0.005	0.0278	<0.005	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				<0.005	<0.005
10/18/2016				<0.005	<0.005	0.0368	<0.005	
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	<0.005	<0.005
2/1/2017				<0.005	<0.005			
2/2/2017	<0.005	<0.005				0.0113	<0.005	<0.005
2/3/2017			<0.005					
3/23/2017				0.0007 (J)	<0.005			
3/24/2017						0.0094 (J)	<0.005	
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							<0.005	
3/15/2018	<0.005	<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	<0.005	
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					

Time Series

Constituent: Copper (mg/L) Analysis Run 3/31/2022 1:33 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

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

Time Series

Constituent: Copper (mg/L) Analysis Run 3/31/2022 1:33 PM View: Descriptive

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

Time Series

Constituent: Copper (mg/L) Analysis Run 3/31/2022 1:33 PM View: Descriptive

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 3/31/2022 1:33 PM View: Descriptive
 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)					

Time Series

Constituent: Fluoride (mg/L) Analysis Run 3/31/2022 1:33 PM View: Descriptive

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	<0.1		<0.1						
3/15/2018		<0.1		<0.1	0.4	<0.1		<0.1	
3/16/2018							<0.1		<0.1
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						<0.1			
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 3/31/2022 1:33 PM View: Descriptive

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	<0.1	<0.1			0.37		<0.1
3/16/2018				<0.1	<0.1			
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)		<0.1	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)					

Time Series

Constituent: Lead (mg/L) Analysis Run 3/31/2022 1:33 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-11 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWC-10	GWC-18	GWC-19	GWC-20
3/6/2007	<0.001		<0.001	<0.001	<0.001			<0.001	
3/7/2007		<0.001				<0.001	<0.001		<0.001
5/8/2007	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
5/9/2007							<0.001	<0.001	<0.001
7/7/2007	<0.001		<0.001						
7/17/2007		<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
8/28/2007	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
8/29/2007									<0.001
11/6/2007	<0.001		<0.001	<0.001	<0.001				
11/7/2007		<0.001				<0.001	<0.001	<0.001	<0.001
5/7/2008							<0.001	<0.001	<0.001
5/8/2008				<0.001	<0.001				
5/9/2008	<0.001	<0.001	<0.001			<0.001			
12/2/2008		<0.001				<0.001			
12/3/2008	<0.001		<0.001	<0.001	<0.001		<0.001		
12/4/2008								<0.001	
12/5/2008									<0.001
4/7/2009	<0.001		<0.001	<0.001	<0.001				
4/8/2009		<0.001				<0.001			
4/14/2009							<0.001	<0.001	<0.001
9/30/2009									<0.001
10/1/2009	<0.001	<0.001	<0.001			<0.001	<0.001		
10/2/2009				<0.001	<0.001			<0.001	
4/13/2010			<0.001				<0.001	<0.001	<0.001
4/14/2010	<0.001	<0.001		<0.001	<0.001	<0.001			
10/7/2010			<0.001						
10/12/2010							<0.001	<0.001	<0.001
10/13/2010	<0.001	<0.001				<0.001			
10/14/2010				<0.001	<0.001				
4/5/2011				<0.001	<0.001				
4/6/2011	<0.001	<0.001	<0.001			<0.001	<0.001	<0.001	
10/4/2011		<0.001				<0.001			
10/6/2011			<0.001						
10/10/2011	<0.001								
10/12/2011				<0.001	<0.001		<0.001	<0.001	<0.001
4/3/2012	<0.001		<0.001						
4/4/2012				<0.001	<0.001				
4/5/2012							<0.001	<0.001	
4/9/2012									<0.001
4/10/2012		<0.001				<0.001			
9/19/2012			<0.001				<0.001		
9/24/2012	<0.001				<0.001				
9/25/2012								<0.001	<0.001
9/26/2012		<0.001		<0.001		<0.001			
3/12/2013	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
3/13/2013							<0.001	<0.001	<0.001
9/9/2013			<0.001						
9/10/2013		<0.001		<0.001	<0.001	<0.001	<0.001		
9/11/2013	<0.001							<0.001	<0.001
3/4/2014	<0.001	<0.001	<0.001			<0.001			
3/10/2014							<0.001	<0.001	<0.001
3/11/2014				<0.001	<0.001				

Time Series

Constituent: Lead (mg/L) Analysis Run 3/31/2022 1:33 PM View: Descriptive
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-11 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWC-10	GWC-18	GWC-19	GWC-20
9/3/2014	<0.001	<0.001	<0.001			<0.001	<0.001		
9/8/2014				<0.001	<0.001				
9/9/2014								<0.001	<0.001
4/21/2015	<0.001	<0.001		<0.001	<0.001	<0.001			
4/22/2015			<0.001				<0.001	<0.001	
4/23/2015									<0.001
9/29/2015		<0.001		<0.001	<0.001				
9/30/2015	<0.001		<0.001			<0.001	<0.001	<0.001	<0.001
3/22/2016	<0.001	<0.001	<0.001	<0.001	<0.001				
3/23/2016						<0.001			<0.001
3/24/2016							<0.001	<0.001	
5/17/2016	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
5/18/2016							<0.001	<0.001	<0.001
7/5/2016	<0.001		<0.001	<0.001					
7/6/2016		<0.001			<0.001	<0.001		<0.001	
7/7/2016							<0.001		<0.001
9/7/2016	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
9/8/2016							<0.001	<0.001	<0.001
10/18/2016	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	
10/19/2016							<0.001		<0.001
12/6/2016	<0.001	<0.001		<0.001	<0.001	<0.001			
12/7/2016			<0.001					<0.001	<0.001
12/8/2016							<0.001		
1/31/2017	<0.001		<0.001						
2/1/2017		<0.001		<0.001	<0.001				
2/2/2017						<0.001	<0.001	<0.001	
2/3/2017									<0.001
3/23/2017	<0.001		<0.001	<0.001					
3/24/2017		7E-05 (J)			<0.001				
3/27/2017						<0.001	<0.001	<0.001	7E-05 (J)
10/4/2017	<0.001		<0.001	<0.001	<0.001				
10/5/2017		<0.001				<0.001	<0.001	0.0002 (J)	<0.001
3/14/2018	<0.001		<0.001						
3/15/2018		<0.001		<0.001	<0.001	<0.001		<0.001	
3/16/2018							<0.001		<0.001
10/4/2018	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	
10/5/2018							<0.001		<0.001
4/5/2019				<0.001					
4/8/2019	<0.001	<0.001	<0.001		<0.001				
4/9/2019						<0.001	<0.001	<0.001	<0.001
9/30/2019	<0.001	<0.001	<0.001	<0.001	<0.001				
10/1/2019						<0.001	<0.001	<0.001	<0.001
3/26/2020	<0.001	<0.001	<0.001	4.7E-05 (J)	<0.001				
3/27/2020						5.4E-05 (J)			
3/30/2020							<0.001		
3/31/2020								6.1E-05 (J)	<0.001
9/21/2020			<0.001						
9/22/2020		<0.001							
9/23/2020	<0.001			<0.001	<0.001				<0.001
9/24/2020							4E-05 (J)		
9/25/2020						<0.001			
9/28/2020								0.00014 (J)	

Time Series

Constituent: Lead (mg/L) Analysis Run 3/31/2022 1:33 PM View: Descriptive
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

Time Series

Constituent: Lead (mg/L) Analysis Run 3/31/2022 1:33 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-21	GWC-22	GWC-23	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/6/2007	<0.001	<0.001	<0.001					
3/7/2007				<0.001	<0.001			<0.001
5/8/2007				<0.001				<0.001
5/9/2007	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	
7/6/2007				<0.001		<0.001	<0.001	<0.001
7/17/2007	<0.001	<0.001	<0.001		<0.001			
8/28/2007				<0.001	<0.001	<0.001	<0.001	<0.001
8/29/2007	<0.001	<0.001	<0.001					
11/6/2007				<0.001	<0.001	<0.001	<0.001	<0.001
11/7/2007	<0.001	<0.001	<0.001					
5/7/2008	<0.001	<0.001	<0.001					
5/8/2008				<0.001	<0.001	<0.001	<0.001	<0.001
12/2/2008						<0.001	<0.001	<0.001
12/3/2008				<0.001	<0.001			
12/5/2008	<0.001	<0.001	<0.001					
4/7/2009				<0.001	<0.001			
4/8/2009						<0.001	<0.001	<0.001
4/14/2009		<0.001	<0.001					
4/27/2009	<0.001							
9/30/2009	<0.001	<0.001					<0.001	<0.001
10/1/2009			<0.001	<0.001	<0.001	<0.001		
4/13/2010	<0.001	<0.001			<0.001	<0.001	<0.001	<0.001
4/14/2010			<0.001	<0.001				
10/6/2010					<0.001			
10/7/2010						<0.001		
10/12/2010	<0.001	<0.001						
10/13/2010			<0.001				<0.001	<0.001
10/14/2010				<0.001				
4/5/2011				<0.001	<0.001	<0.001	<0.001	<0.001
4/6/2011		<0.001	<0.001					
10/4/2011					<0.001	<0.001	<0.001	<0.001
10/5/2011	<0.001	<0.001						
10/12/2011			<0.001	<0.001				
4/3/2012					<0.001	<0.001	<0.001	
4/4/2012				<0.001				<0.001
4/9/2012		<0.001	<0.001					
4/10/2012	<0.001							
9/18/2012					<0.001	<0.001		
9/19/2012			<0.001				<0.001	<0.001
9/24/2012				<0.001				
9/25/2012		<0.001						
9/26/2012	<0.001							
3/12/2013				<0.001	<0.001	<0.001	<0.001	<0.001
3/13/2013	<0.001	<0.001	<0.001					
9/9/2013					<0.001			
9/10/2013			<0.001	<0.001		<0.001	<0.001	<0.001
9/11/2013	<0.001	<0.001						
3/5/2014				<0.001	<0.001	0.0016 (J)	<0.001	<0.001
3/11/2014	<0.001	<0.001	<0.001					
9/3/2014			<0.001					<0.001
9/8/2014					<0.001	<0.001		
9/9/2014	<0.001	<0.001		<0.001			<0.001	

Time Series

Constituent: Lead (mg/L) Analysis Run 3/31/2022 1:33 PM View: Descriptive
 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					

Time Series

Constituent: Nickel (mg/L) Analysis Run 3/31/2022 1:33 PM View: Descriptive

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				

Time Series

Constituent: Nickel (mg/L) Analysis Run 3/31/2022 1:33 PM View: Descriptive
 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

Time Series

Constituent: Nickel (mg/L) Analysis Run 3/31/2022 1:33 PM View: Descriptive

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 3/31/2022 1:33 PM View: Descriptive

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)					

Time Series

Constituent: pH (SU) Analysis Run 3/31/2022 1:33 PM View: Descriptive
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-11 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWC-10	GWC-18	GWC-19	GWC-20
3/22/2016	7.07	7	7.19	7.11	7.14				
3/23/2016						7.56			7.55
3/24/2016							7.71	7.69	
5/17/2016	7	6.77	6.94	6.95	6.67	7.46			
5/18/2016							7.59	7.49	7.32
7/5/2016	6.88		6.98	6.55					
7/6/2016		6.64			6.53	7.24		7.39	
7/7/2016							7.55		7.39
9/7/2016	7.24	6.83	6.86	6.81	6.72	7.4			
9/8/2016							7.54	7.57	7.34
10/18/2016	6.86	6.58	6.71	6.64	6.73	7.11		7.35	
10/19/2016							7.66		7.35
12/6/2016	6.98	6.66		6.34	6.61	7.32			
12/7/2016			6.71					7.42	7.35
12/8/2016							7.47		
1/31/2017	6.63		6.95						
2/1/2017		6.5		6.68	6.7				
2/2/2017						7.19	7.64	7.43	
2/3/2017									7.37
3/23/2017	7.12		7.04	6.8					
3/24/2017		6.72			6.77				
3/27/2017						7.48	7.59	7.53	7.26
10/4/2017	6.83		6.86	6.64	6.52				
10/5/2017		6.69				7.13	7.65	7.36	7.2
3/14/2018	6.66		6.76						
3/15/2018		6.48		6.88	7.11	7.08		7.54	
3/16/2018							7.51		7.13
5/15/2018									7.18
10/4/2018	6.92	6.66	6.62	6.62	6.72	7.26		7.44	
10/5/2018							7.57		7.07
12/11/2018									7.16
4/5/2019				6.77					
4/8/2019	6.86	6.61	6.79		6.82				
4/9/2019						7.22	7.48	7.4	7.26
9/30/2019	7.15	6.86	6.86	6.73	6.77				
10/1/2019						7.07	7.65	7.31	7.16
3/26/2020	7.02	6.83	7.07	6.87	6.74				
3/27/2020						6.82			
3/30/2020							7.65		
3/31/2020								7.62	7.57
6/19/2020						7.4 (R)		7.61 (R)	7.31 (R)
9/21/2020			6.9						
9/22/2020		6.8							
9/23/2020	6.98			6.87	6.81				7.11
9/24/2020							7.62		
9/25/2020						7.28			
9/28/2020								7.78	
11/10/2020								7.37 (R)	
3/8/2021	6.86	6.78		6.95	6.84				
3/9/2021			6.93			7.43	7.66		
3/10/2021								7.49	7.41
8/9/2021	7.23		6.9	6.89	6.76				

Time Series

Constituent: pH (SU) Analysis Run 3/31/2022 1:33 PM View: Descriptive
 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					

Time Series

Constituent: Selenium (mg/L) Analysis Run 3/31/2022 1:33 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

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

Time Series

Constituent: Selenium (mg/L) Analysis Run 3/31/2022 1:33 PM View: Descriptive
 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 3/31/2022 1:33 PM View: Descriptive
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

Time Series

Constituent: Selenium (mg/L) Analysis Run 3/31/2022 1:33 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

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

Time Series

Constituent: Selenium (mg/L) Analysis Run 3/31/2022 1:33 PM View: Descriptive
 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					

Time Series

Constituent: Silver (mg/L) Analysis Run 3/31/2022 1:33 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

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

Time Series

Constituent: Silver (mg/L) Analysis Run 3/31/2022 1:33 PM View: Descriptive
 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

Time Series

Constituent: Silver (mg/L) Analysis Run 3/31/2022 1:33 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-21	GWC-22	GWC-23	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/6/2007	<0.005	<0.005	<0.005					
3/7/2007				<0.005	<0.005			<0.005
5/8/2007				<0.005				<0.005
5/9/2007	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	
7/6/2007				<0.005		<0.005	<0.005	<0.005
7/17/2007	<0.005	<0.005	<0.005		<0.005			
8/28/2007				<0.005	<0.005	<0.005	<0.005	<0.005
8/29/2007	<0.005	<0.005	<0.005					
11/6/2007				<0.005	<0.005	<0.005	<0.005	<0.005
11/7/2007	<0.005	<0.005	<0.005					
5/7/2008	<0.005	<0.005	<0.005					
5/8/2008				<0.005	<0.005	<0.005	<0.005	<0.005
12/2/2008						<0.005	<0.005	<0.005
12/3/2008				<0.005	<0.005			
12/5/2008	<0.005	<0.005	<0.005					
4/7/2009				<0.005	<0.005			
4/8/2009						<0.005	<0.005	<0.005
4/14/2009		<0.005	<0.005					
4/27/2009	0.0036							
9/30/2009	<0.005	<0.005					<0.005	<0.005
10/1/2009			<0.005	<0.005	<0.005	<0.005		
4/13/2010	<0.005	<0.005			<0.005	<0.005	<0.005	<0.005
4/14/2010			<0.005	<0.005				
10/6/2010					<0.005			
10/7/2010						<0.005		
10/12/2010	<0.005	<0.005						
10/13/2010			<0.005				<0.005	<0.005
10/14/2010				<0.005				
4/5/2011				<0.005	<0.005	<0.005	<0.005	<0.005
4/6/2011		<0.005	<0.005					
10/4/2011					<0.005	<0.005	<0.005	<0.005
10/5/2011	<0.005	<0.005						
10/12/2011			<0.005	<0.005				
4/3/2012					<0.005	<0.005	<0.005	
4/4/2012				<0.005				<0.005
4/9/2012		<0.005	<0.005					
4/10/2012	<0.005							
9/18/2012					<0.005	<0.005		
9/19/2012			<0.005				<0.005	<0.005
9/24/2012				<0.005				
9/25/2012		<0.005						
9/26/2012	<0.005							
3/12/2013				<0.005	<0.005	<0.005	<0.005	<0.005
3/13/2013	<0.005	<0.005	<0.005					
9/9/2013					<0.005			
9/10/2013			<0.005	<0.005		<0.005	<0.005	<0.005
9/11/2013	<0.005	<0.005						
3/5/2014				<0.005	<0.005	<0.005	<0.005	<0.005
3/11/2014	<0.005	<0.005	<0.005					
9/3/2014			<0.005					<0.005
9/8/2014					<0.005	<0.005		
9/9/2014	<0.005	<0.005		<0.005			<0.005	

Time Series

Constituent: Silver (mg/L) Analysis Run 3/31/2022 1:33 PM View: Descriptive
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					

Time Series

Constituent: Sulfate (mg/L) Analysis Run 3/31/2022 1:33 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-11 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWC-10	GWC-18	GWC-19	GWC-20
3/22/2016	4.4409	11.6823	13.0789	107.476	302.2975				
3/23/2016						14.6529			22.9683
3/24/2016							10.1818	16.8473	
5/17/2016	4.43	11.4	15.3	106	213	13.3			
5/18/2016								18.4	19.2
5/19/2016							9.58		
7/5/2016	4.6		15	110					
7/6/2016		12			280	10		17	
7/7/2016							9.6		31
9/7/2016	4.8	13	16	83	160	10			
9/8/2016							9.4	16	30
10/18/2016	4.7	13	16	110	120	10		19	
10/19/2016							9.9		32
12/6/2016	4.7	12		220	210	11			
12/7/2016			15					13	26
12/8/2016							14		
1/31/2017	5.1		13						
2/1/2017		13		190	200				
2/2/2017						11	13	14	
2/3/2017									27
3/23/2017	4.7		12	160					
3/24/2017		12			140				
3/27/2017						33	12	18	30
10/4/2017	5		12	140	140				
10/5/2017		13				16	12	16	32
3/14/2018	5.1		13.9						
3/15/2018		12.2		119	167	33.9		14.8	
3/16/2018							11.7		37.5
5/15/2018						29.1			41
10/4/2018	5.2	15.6	17.4	117	209	29.5		15.9	
10/5/2018							10.6		38.9
12/11/2018									41.8
4/5/2019				131					
4/8/2019	4.6	13.2	18.1		248				
4/9/2019						21.4	11.3	16.7	50.3
6/18/2019									38.7
6/27/2019									46
9/30/2019	4.9	11.5	17.5	118	117				
10/1/2019						13.4	8.9	14.7	52.3
11/6/2019									47.3
3/26/2020	5	10.8	15.6	95.8	128				
3/27/2020						10.8			
3/30/2020							9.7		
3/31/2020								17.8	53.6
9/21/2020			18.2						
9/22/2020		9.8							
9/23/2020	6.6			95.6	123				58.9
9/24/2020							8.5		
9/25/2020						11.6			
9/28/2020								15.8	
3/8/2021	4.6	11.5		99.5	152				
3/9/2021			16.8			14.2	7.9		

Time Series

Constituent: Sulfate (mg/L) Analysis Run 3/31/2022 1:33 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-21	GWC-22	GWC-23	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/23/2016		9.1183	6.2867	76.011	87.512	90.229	26.3455	61.8335
3/24/2016	24.8075							
5/17/2016				76.2	101			
5/18/2016	26.2	6.88				100		
5/19/2016			5.42				31.7	64.3
7/6/2016				74	110	130	36	69
7/7/2016	31	6.8	5.7					
9/7/2016				64	97	130		
9/8/2016	33	6.8	5.7				45	68
10/18/2016				65	120	140	49	
10/19/2016	31	7.5	5.8					69
12/7/2016	19	11	5.9					
12/8/2016				100	100	140	50	69
2/1/2017				150	110			
2/2/2017	52	9.9				71	51	76
2/3/2017			38					
3/23/2017				130	110			
3/24/2017						68	46	
3/27/2017	29	8.4	43					68
10/4/2017				71	130	120		
10/5/2017	33	7.4	8.3				48	74
12/14/2017					130			
1/18/2018					110			
3/14/2018							36.8	
3/15/2018	38	8.2	14			118		57.8
3/16/2018				77.4	93.6			
10/4/2018	19.3	6.4		90.3	137	167	45.4	
10/5/2018			9.3					81.9
12/11/2018					110			73.6
4/8/2019			6.2		131	97.1	39.9	73.5
4/9/2019	19.9	11		83.6				
6/19/2019					108			
10/1/2019	46.3	1.9	5.8	68.1	71.7	120	47.1	72.2
3/26/2020			14.5					
3/27/2020							31.5	54
3/30/2020						64.6		
3/31/2020	29.9	10.9		92.6	106			
9/23/2020		5	5.3					
9/24/2020	37.6					120	48.3	69.9
9/25/2020				80.7	110			
3/9/2021	41.6	6.4	10.2	86.9	105	87.4	33.1	65.1 (M1)
8/10/2021	23.8	6.2	8	76.1	95.9	101	31.6	76.3
2/4/2022				80.1	101	78.3	25.8	69.2
2/7/2022	25.9	8.2	13					

Time Series

Constituent: Thallium (mg/L) Analysis Run 3/31/2022 1:33 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-11 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWC-10	GWC-18	GWC-19	GWC-20
3/6/2007	<0.001		<0.001	<0.001	<0.001			<0.001	
3/7/2007		<0.001				<0.001	<0.001		<0.001
5/8/2007	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
5/9/2007							<0.001	<0.001	<0.001
7/7/2007	<0.001		<0.001						
7/17/2007		<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
8/28/2007	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
8/29/2007									<0.001
11/6/2007	<0.001		<0.001	<0.001	<0.001				
11/7/2007		<0.001				<0.001	<0.001	<0.001	<0.001
5/7/2008							<0.001	<0.001	<0.001
5/8/2008				<0.001	<0.001				
5/9/2008	<0.001	<0.001	<0.001			<0.001			
12/2/2008		<0.001				<0.001			
12/3/2008	<0.001		<0.001	<0.001	<0.001		<0.001		
12/4/2008								<0.001	
12/5/2008									<0.001
4/7/2009	<0.001		<0.001	<0.001	<0.001				
4/8/2009		<0.001				<0.001			
4/14/2009							<0.001	<0.001	<0.001
9/30/2009									<0.001
10/1/2009	<0.001	<0.001	<0.001			<0.001	<0.001		
10/2/2009				<0.001	<0.001			<0.001	
4/13/2010			<0.001				<0.001	<0.001	<0.001
4/14/2010	<0.001	<0.001		<0.001	<0.001	<0.001			
10/7/2010			<0.001						
10/12/2010							<0.001	<0.001	<0.001
10/13/2010	<0.001	<0.001				<0.001			
10/14/2010				<0.001	<0.001				
4/5/2011				<0.001	<0.001				
4/6/2011	<0.001	<0.001	<0.001			<0.001	<0.001	<0.001	
10/4/2011		<0.001				<0.001			
10/6/2011			<0.001						
10/10/2011	<0.001								
10/12/2011				<0.001	<0.001		<0.001	<0.001	<0.001
4/3/2012	<0.001		<0.001						
4/4/2012				<0.001	<0.001				
4/5/2012							<0.001	<0.001	
4/9/2012									<0.001
4/10/2012		<0.001				<0.001			
9/19/2012			<0.001				<0.001		
9/24/2012	<0.001				<0.001				
9/25/2012								<0.001	<0.001
9/26/2012		<0.001		<0.001		<0.001			
3/12/2013	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
3/13/2013							<0.001	<0.001	<0.001
3/4/2014	<0.001	<0.001	<0.001			<0.001			
3/10/2014							<0.001	<0.001	<0.001
3/11/2014				<0.001	<0.001				
9/3/2014	<0.001	<0.001	<0.001			<0.001	<0.001		
9/8/2014				<0.001	<0.001				
9/9/2014								<0.001	<0.001

Time Series

Constituent: Thallium (mg/L) Analysis Run 3/31/2022 1:33 PM View: Descriptive
 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					<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 3/31/2022 1:33 PM View: Descriptive
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

Time Series

Constituent: Thallium (mg/L) Analysis Run 3/31/2022 1:33 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-21	GWC-22	GWC-23	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/6/2007	<0.001	<0.001	<0.001					
3/7/2007				<0.001	<0.001			<0.001
5/8/2007				<0.001				<0.001
5/9/2007	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	
7/6/2007				<0.001		<0.001	<0.001	<0.001
7/17/2007	<0.001	<0.001	<0.001		<0.001			
8/28/2007				<0.001	<0.001	<0.001	<0.001	<0.001
8/29/2007	<0.001	<0.001	<0.001					
11/6/2007				<0.001	<0.001	<0.001	<0.001	<0.001
11/7/2007	<0.001	<0.001	<0.001					
5/7/2008	<0.001	<0.001	<0.001					
5/8/2008				<0.001	<0.001	<0.001	<0.001	<0.001
12/2/2008						<0.001	<0.001	<0.001
12/3/2008				<0.001	<0.001			
12/5/2008	<0.001	<0.001	<0.001					
4/7/2009				<0.001	<0.001			
4/8/2009						<0.001	<0.001	<0.001
4/14/2009		<0.001	<0.001					
4/27/2009	<0.001							
9/30/2009	<0.001	<0.001					<0.001	<0.001
10/1/2009			<0.001	<0.001	<0.001	<0.001		
4/13/2010	<0.001	<0.001			<0.001	<0.001	<0.001	<0.001
4/14/2010			<0.001	<0.001				
10/6/2010					<0.001			
10/7/2010						<0.001		
10/12/2010	<0.001	<0.001						
10/13/2010			<0.001				<0.001	<0.001
10/14/2010				<0.001				
4/5/2011				<0.001	<0.001	<0.001	<0.001	<0.001
4/6/2011		<0.001	<0.001					
10/4/2011					<0.001	<0.001	<0.001	<0.001
10/5/2011	<0.001	<0.001						
10/12/2011			<0.001	<0.001				
4/3/2012					<0.001	<0.001	<0.001	
4/4/2012				<0.001				<0.001
4/9/2012		<0.001	<0.001					
4/10/2012	<0.001							
9/18/2012					<0.001	<0.001		
9/19/2012			<0.001				<0.001	<0.001
9/24/2012				<0.001	<0.001		<0.001	
9/25/2012		<0.001						
9/26/2012	<0.001							
3/12/2013				<0.001	<0.001	<0.001	<0.001	<0.001
3/13/2013	<0.001	<0.001	<0.001					
3/5/2014				<0.001	<0.001	<0.001	<0.001	<0.001
3/11/2014	<0.001	<0.001	<0.001					
9/3/2014			<0.001					<0.001
9/8/2014					<0.001	<0.001		
9/9/2014	<0.001	<0.001		<0.001			<0.001	
4/21/2015		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/29/2015				<0.001	<0.001	<0.001	<0.001	<0.001
9/30/2015	<0.001	<0.001	<0.001					

Time Series

Constituent: Thallium (mg/L) Analysis Run 3/31/2022 1:33 PM View: Descriptive

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					

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/31/2022 1:33 PM View: Descriptive

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					

Time Series

Constituent: Vanadium (mg/L) Analysis Run 3/31/2022 1:33 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

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

Time Series

Constituent: Vanadium (mg/L) Analysis Run 3/31/2022 1:33 PM View: Descriptive
 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

Time Series

Constituent: Vanadium (mg/L) Analysis Run 3/31/2022 1:33 PM View: Descriptive

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 3/31/2022 1:33 PM View: Descriptive
 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					

Time Series

Constituent: Zinc (mg/L) Analysis Run 3/31/2022 1:33 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-11 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWC-10	GWC-18	GWC-19	GWC-20
3/6/2007	<0.01		<0.01	<0.01	<0.01			<0.01	
3/7/2007		<0.01				<0.01	<0.01		<0.01
5/8/2007	<0.01	0.0025	<0.01	<0.01	<0.01	<0.01			
5/9/2007							0.0026	0.0025	<0.01
7/7/2007	<0.01		<0.01						
7/17/2007		0.0047		0.0033	<0.01	0.0069	0.0043	0.0035	<0.01
8/28/2007	<0.01	0.0033	0.0026	<0.01	0.0026	<0.01	<0.01	<0.01	
8/29/2007									<0.01
11/6/2007	<0.01		<0.01	<0.01	<0.01				
11/7/2007		<0.01				<0.01	<0.01	<0.01	<0.01
5/7/2008							<0.01	<0.01	<0.01
5/8/2008				0.0033	0.0037				
5/9/2008	<0.01	<0.01	<0.01			<0.01			
12/2/2008		<0.01				<0.01			
12/3/2008	<0.01		<0.01	0.0054	0.003		<0.01		
12/4/2008								<0.01	
12/5/2008									<0.01
4/7/2009	0.0028		<0.01	<0.01	0.0045				
4/8/2009		<0.01				<0.01			
4/14/2009							<0.01	<0.01	<0.01
9/30/2009									<0.01
10/1/2009	<0.01	<0.01	<0.01			<0.01	<0.01		
10/2/2009				<0.01	0.0027			<0.01	
4/13/2010			<0.01				<0.01	0.0043	<0.01
4/14/2010	<0.01	<0.01		0.003	<0.01	<0.01			
10/7/2010			<0.01						
10/12/2010							<0.01	<0.01	<0.01
10/13/2010	<0.01	<0.01				<0.01			
10/14/2010				<0.01	0.0041				
4/5/2011				<0.01	<0.01				
4/6/2011	<0.01	<0.01	<0.01			<0.01	<0.01	<0.01	
10/4/2011		<0.01				<0.01			
10/6/2011			<0.01						
10/10/2011	<0.01								
10/12/2011				<0.01	0.0033		<0.01	<0.01	<0.01
4/3/2012	<0.01		<0.01						
4/4/2012				<0.01	<0.01				
4/5/2012							<0.01	<0.01	
4/9/2012									<0.01
4/10/2012		<0.01				<0.01			
9/19/2012			<0.01				<0.01		
9/24/2012	<0.01				0.0039				
9/25/2012								<0.01	<0.01
9/26/2012		<0.01		<0.01		<0.01			
3/12/2013	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			
3/13/2013							<0.01	<0.01	<0.01
9/9/2013			<0.01						
9/10/2013		<0.01		<0.01	0.0035	<0.01	<0.01		
9/11/2013	<0.01							<0.01	<0.01
3/4/2014	0.0026	<0.01	0.0035			0.0026			
3/10/2014							0.0022 (J)	0.0031	0.0024 (J)
3/11/2014				0.0037	0.0045				

Time Series

Constituent: Zinc (mg/L) Analysis Run 3/31/2022 1:33 PM View: Descriptive
 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

Time Series

Constituent: Zinc (mg/L) Analysis Run 3/31/2022 1:33 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-21	GWC-22	GWC-23	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/6/2007	<0.01	<0.01	0.0054					
3/7/2007				0.0064	<0.01			<0.01
5/8/2007				<0.01				0.0027
5/9/2007	<0.01	0.0035	0.0041		<0.01	45 (o)	0.0038	
7/6/2007				<0.01		16 (o)	<0.01	0.0032
7/17/2007	0.0031	<0.01	0.005		<0.01			
8/28/2007				0.0025	<0.01	11 (o)	<0.01	0.0026
8/29/2007	0.0056	<0.01	0.0044					
11/6/2007				<0.01	<0.01	8.3	<0.01	<0.01
11/7/2007	0.0059	<0.01	<0.01					
5/7/2008	0.0059	<0.01	<0.01					
5/8/2008				<0.01	<0.01	5	<0.01	<0.01
12/2/2008						3.2	<0.01	<0.01
12/3/2008				<0.01	<0.01			
12/5/2008	<0.01	<0.01	<0.01					
4/7/2009				0.0025	<0.01			
4/8/2009						2.4	<0.01	<0.01
4/14/2009		<0.01	<0.01					
4/27/2009	0.0051							
9/30/2009	0.0066	<0.01					<0.01	<0.01
10/1/2009			<0.01	<0.01	<0.01	1.9		
4/13/2010	0.0041	<0.01			<0.01	1.9	<0.01	<0.01
4/14/2010			<0.01	<0.01				
10/6/2010					<0.01			
10/7/2010						1.6		
10/12/2010	0.004	<0.01						
10/13/2010			<0.01				<0.01	<0.01
10/14/2010				<0.01				
4/5/2011				0.0025	<0.01	1.1	<0.01	<0.01
4/6/2011		<0.01	<0.01					
10/4/2011					<0.01	1.1	<0.01	<0.01
10/5/2011	0.0043	<0.01						
10/12/2011			<0.01	0.0037				
4/3/2012					<0.01	0.75	<0.01	
4/4/2012				<0.01				<0.01
4/9/2012		<0.01	<0.01					
4/10/2012	0.0108							
9/18/2012					<0.01	0.88		
9/19/2012			<0.01				<0.01	<0.01
9/24/2012				<0.01				
9/25/2012		<0.01						
9/26/2012	0.0066							
3/12/2013				<0.01	<0.01	0.23	<0.01	<0.01
3/13/2013	0.0035	<0.01	<0.01					
9/9/2013					<0.01			
9/10/2013			<0.01	<0.01		0.36	<0.01	<0.01
9/11/2013	0.005	<0.01						
3/5/2014				0.0028	0.0026	0.33	0.0028	0.0029
3/11/2014	0.005	0.0037	0.0033					
9/3/2014			0.0014 (J)					0.0011 (J)
9/8/2014					0.00055 (J)	0.47		
9/9/2014	0.0041	0.0006 (J)		0.00058 (J)			0.0014 (J)	

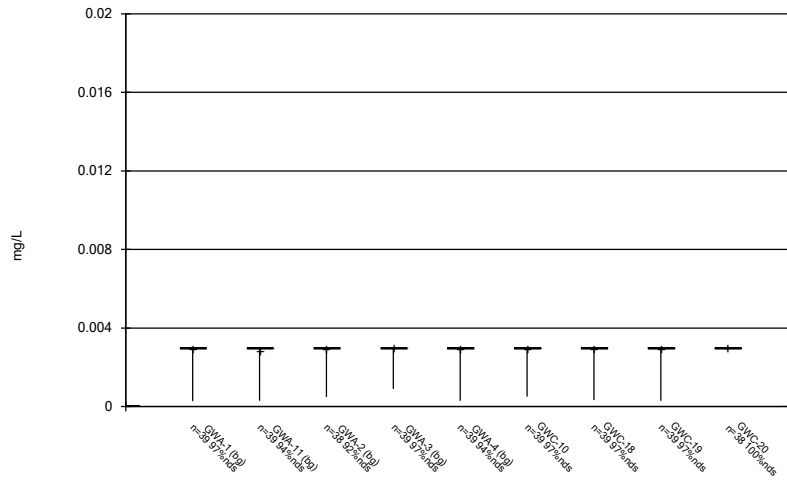
Time Series

Constituent: Zinc (mg/L) Analysis Run 3/31/2022 1:33 PM View: Descriptive
 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					

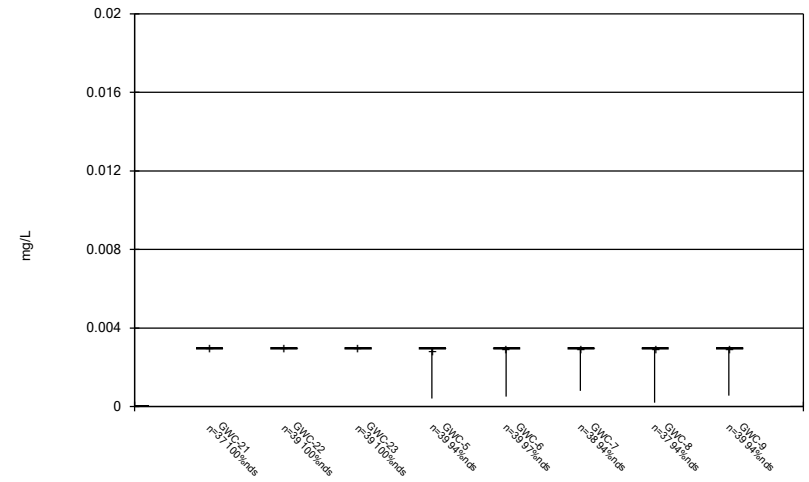
FIGURE B.

Box & Whiskers Plot



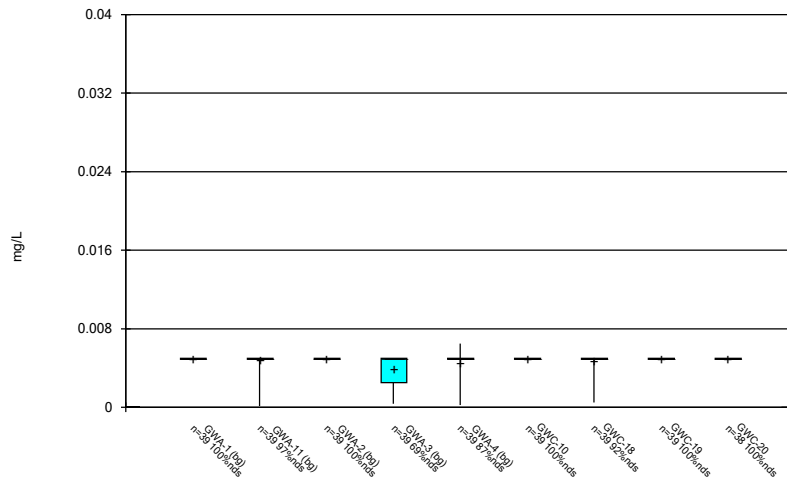
Constituent: Antimony Analysis Run 3/31/2022 1:40 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



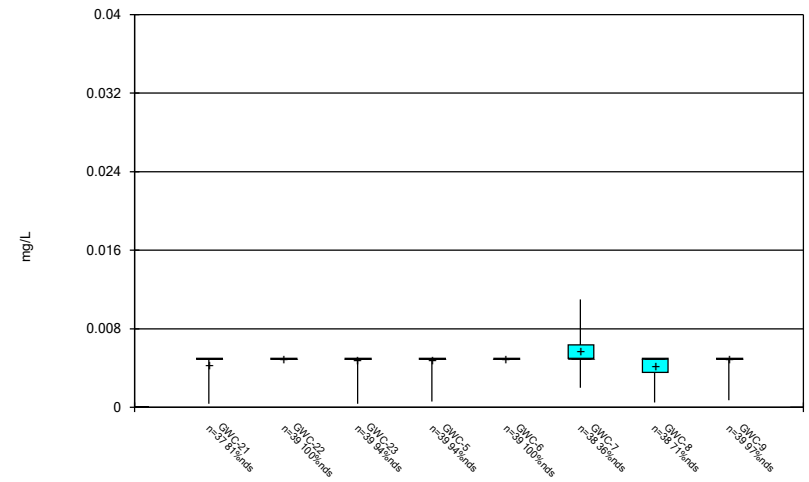
Constituent: Antimony Analysis Run 3/31/2022 1:40 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



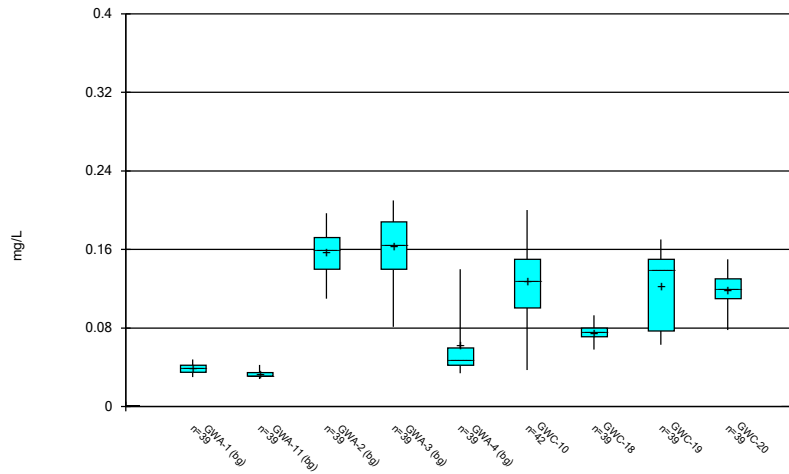
Constituent: Arsenic Analysis Run 3/31/2022 1:40 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



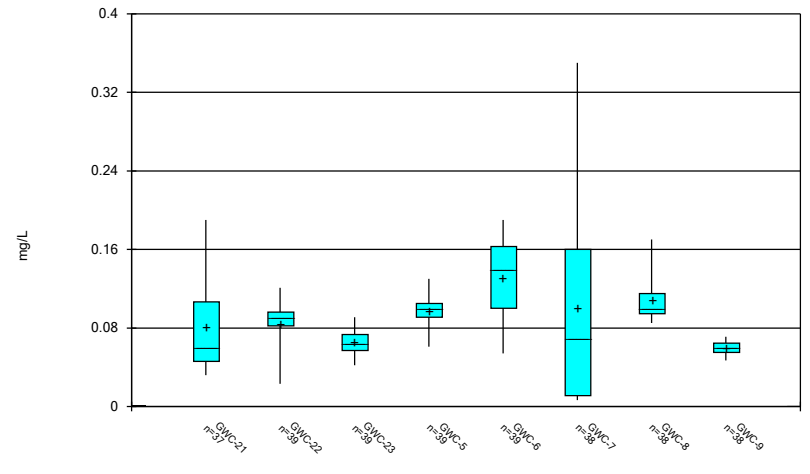
Constituent: Arsenic Analysis Run 3/31/2022 1:40 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



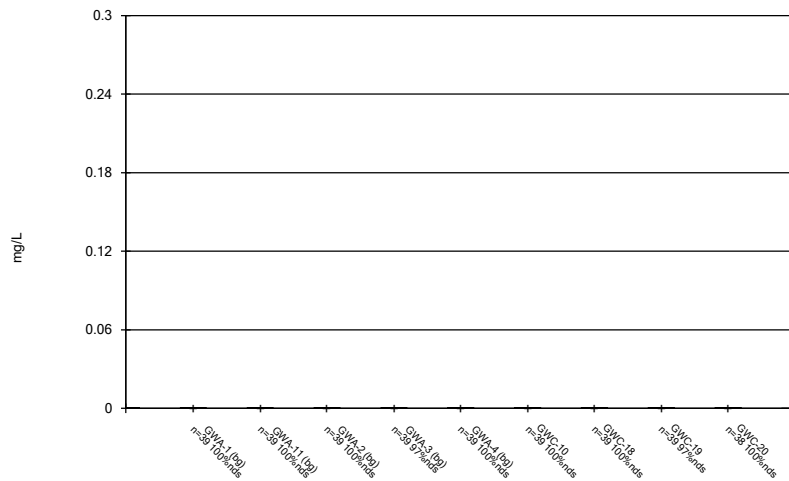
Constituent: Barium Analysis Run 3/31/2022 1:40 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



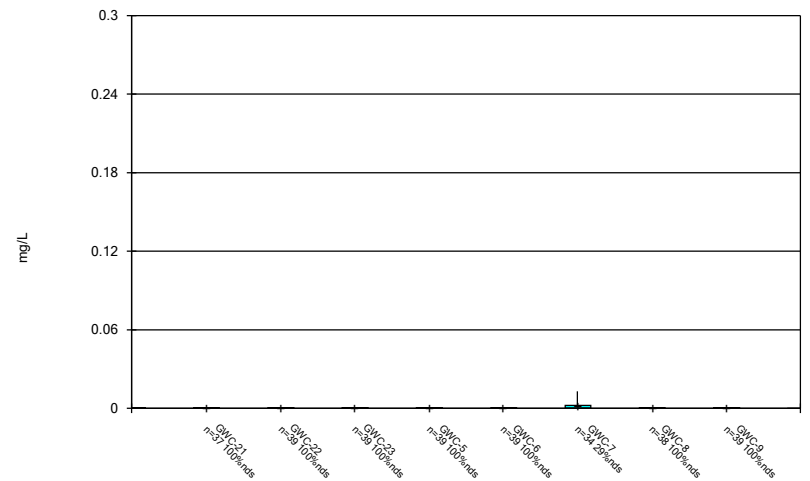
Constituent: Barium Analysis Run 3/31/2022 1:40 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



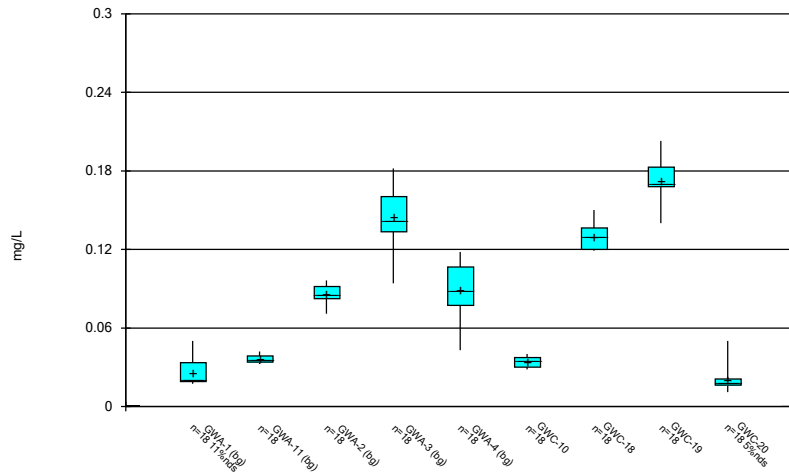
Constituent: Beryllium Analysis Run 3/31/2022 1:40 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



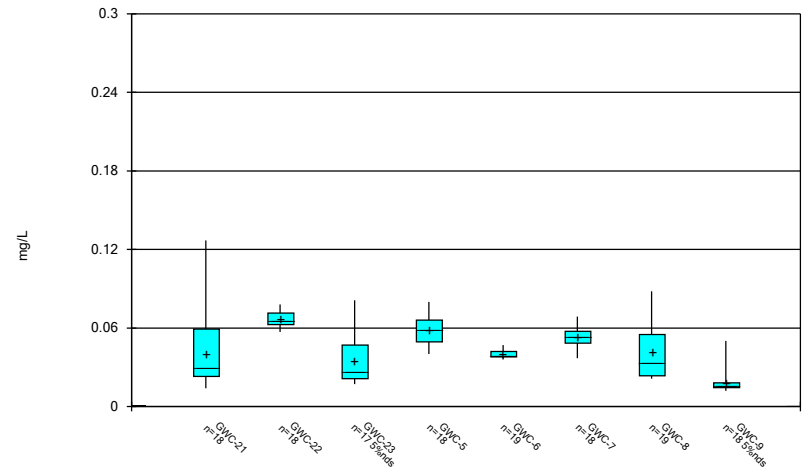
Constituent: Beryllium Analysis Run 3/31/2022 1:40 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



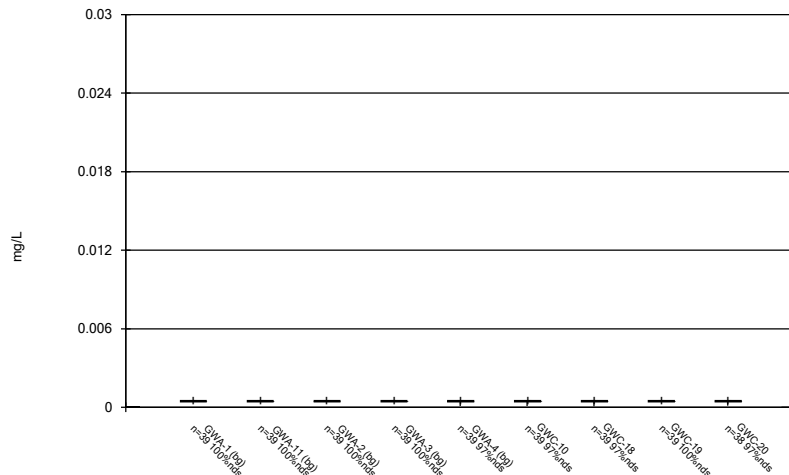
Constituent: Boron Analysis Run 3/31/2022 1:40 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



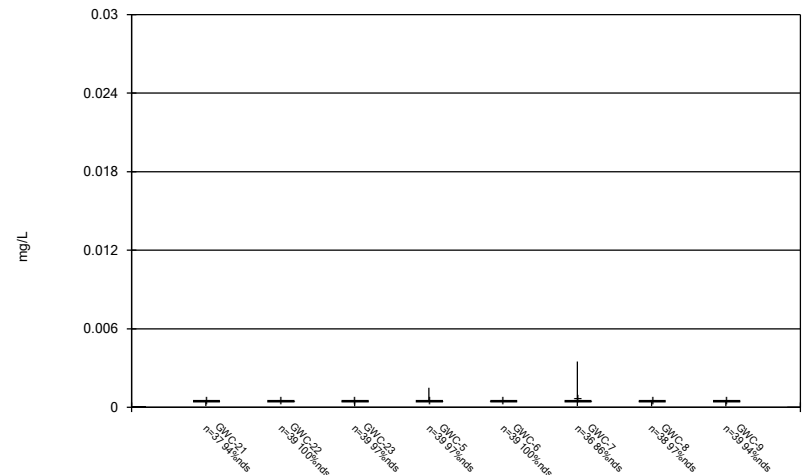
Constituent: Boron Analysis Run 3/31/2022 1:40 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



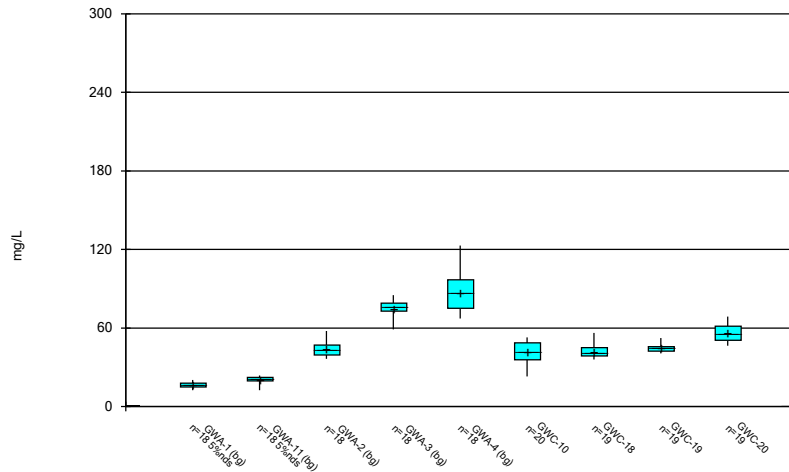
Constituent: Cadmium Analysis Run 3/31/2022 1:41 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



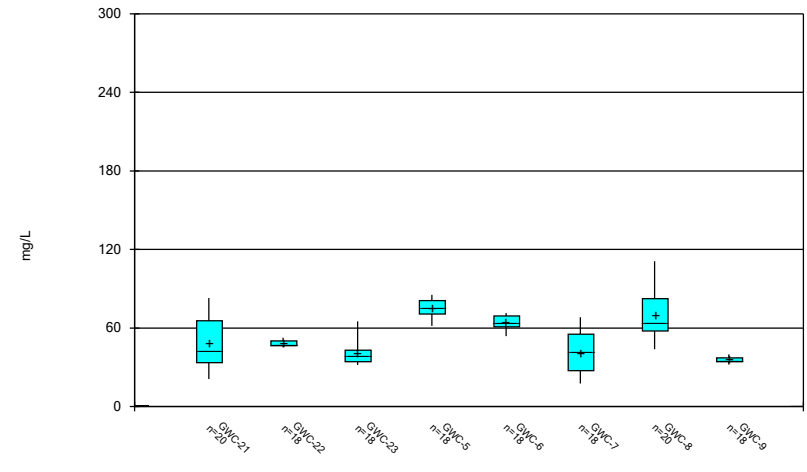
Constituent: Cadmium Analysis Run 3/31/2022 1:41 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



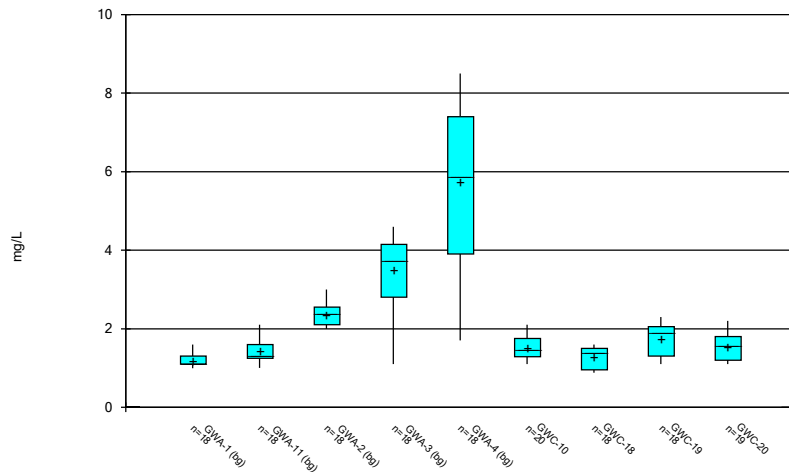
Constituent: Calcium Analysis Run 3/31/2022 1:41 PM View: Descriptive
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



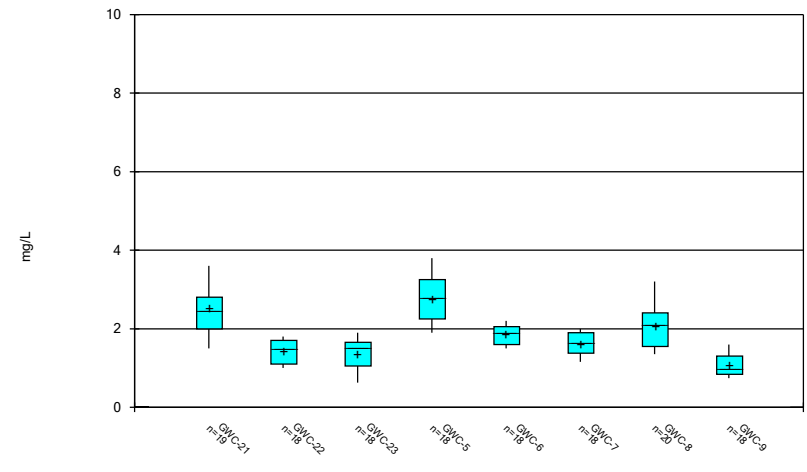
Constituent: Calcium Analysis Run 3/31/2022 1:41 PM View: Descriptive
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



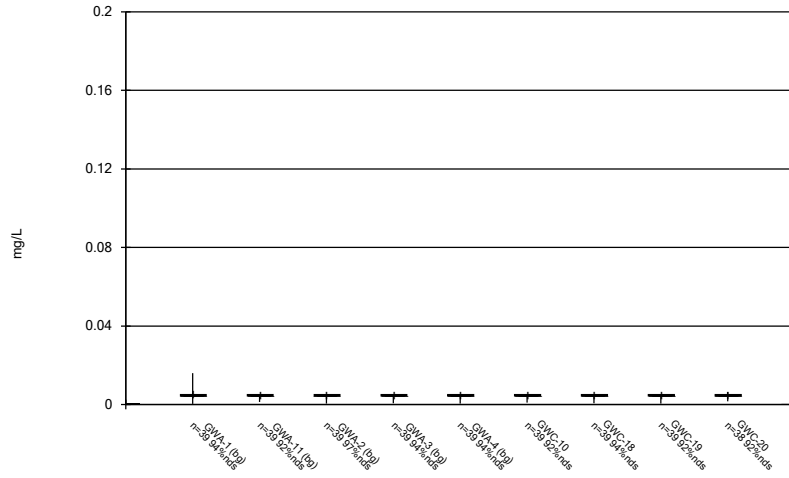
Constituent: Chloride Analysis Run 3/31/2022 1:41 PM View: Descriptive
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



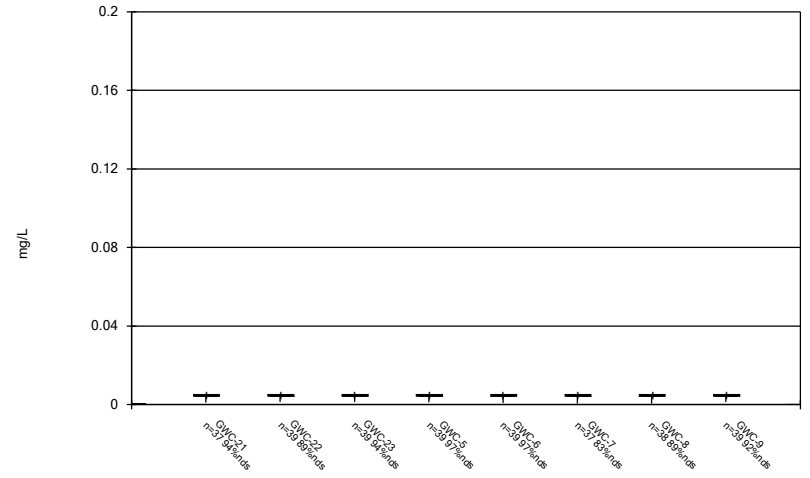
Constituent: Chloride Analysis Run 3/31/2022 1:41 PM View: Descriptive
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



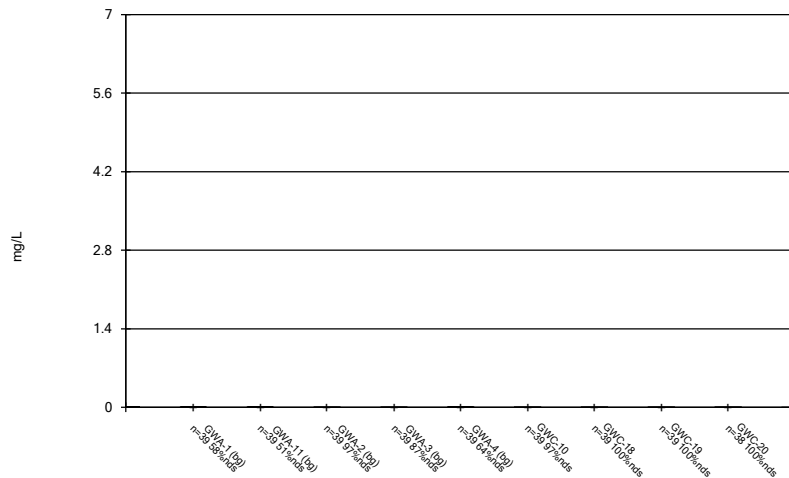
Constituent: Chromium Analysis Run 3/31/2022 1:41 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



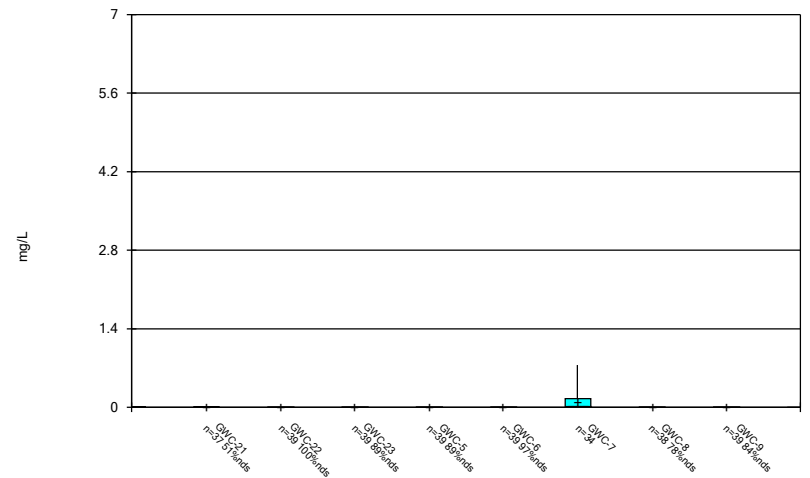
Constituent: Chromium Analysis Run 3/31/2022 1:41 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



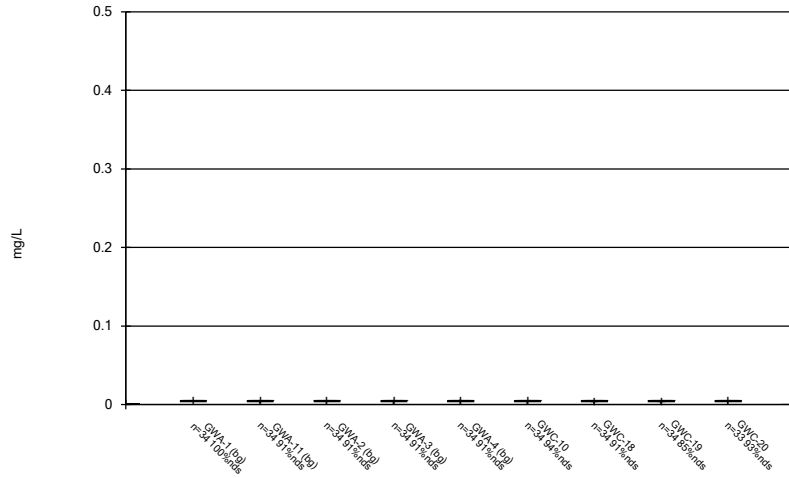
Constituent: Cobalt Analysis Run 3/31/2022 1:41 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



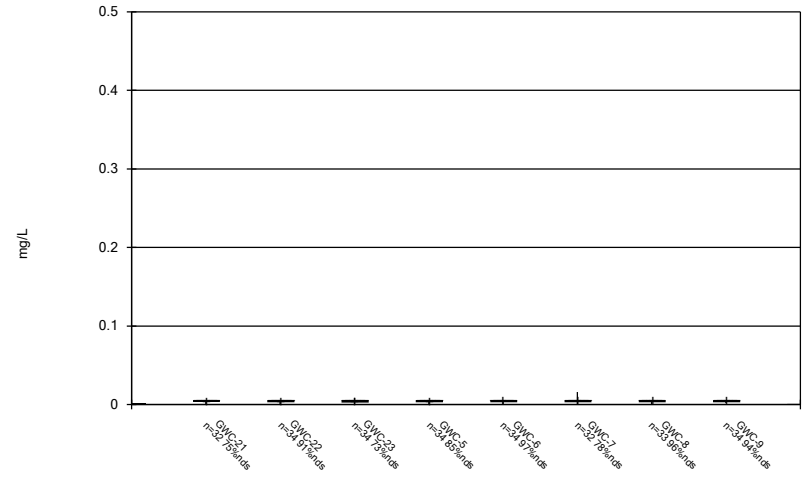
Constituent: Cobalt Analysis Run 3/31/2022 1:41 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



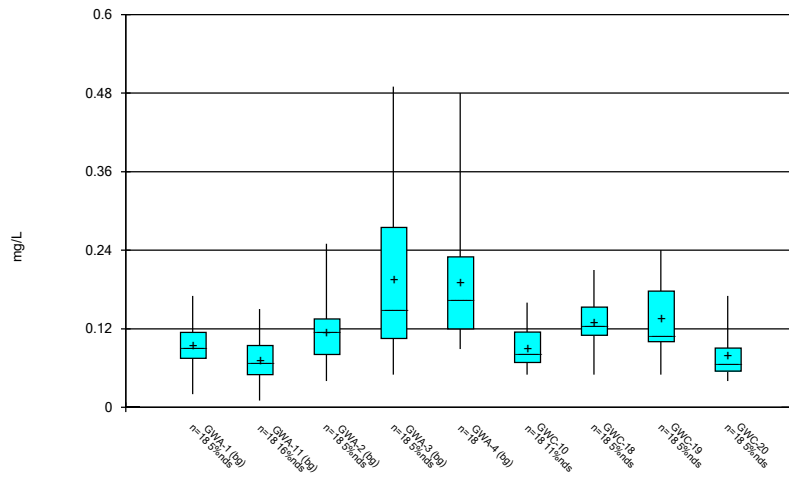
Constituent: Copper Analysis Run 3/31/2022 1:41 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



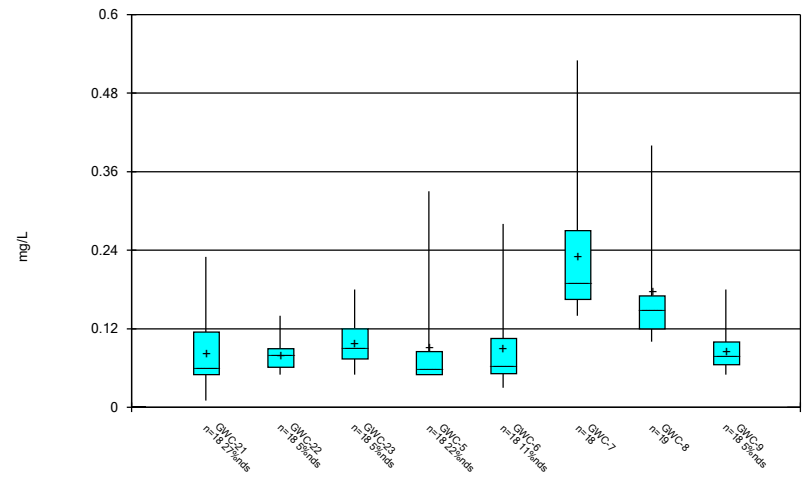
Constituent: Copper Analysis Run 3/31/2022 1:41 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



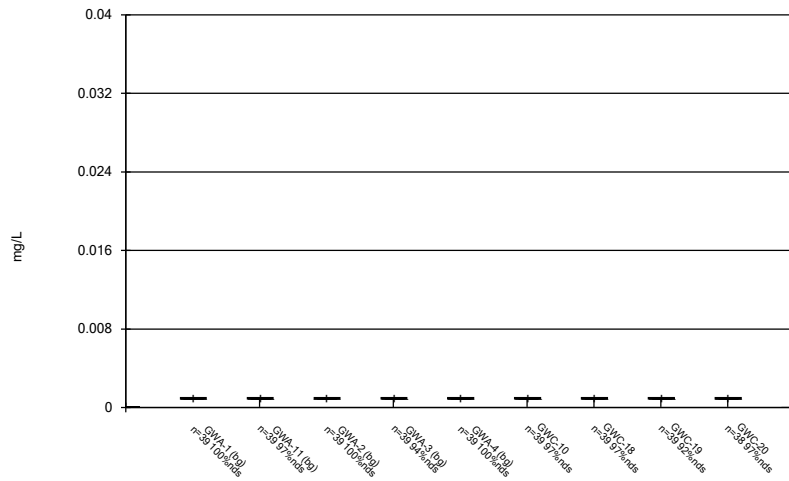
Constituent: Fluoride Analysis Run 3/31/2022 1:41 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



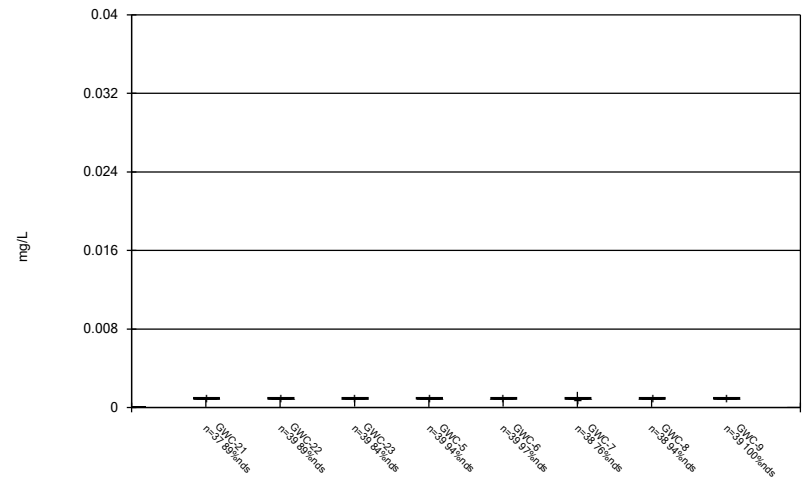
Constituent: Fluoride Analysis Run 3/31/2022 1:41 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



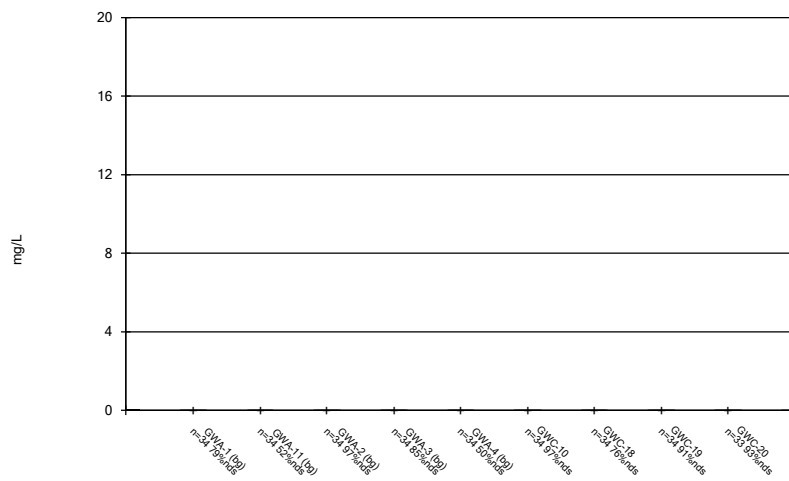
Constituent: Lead Analysis Run 3/31/2022 1:41 PM View: Descriptive
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



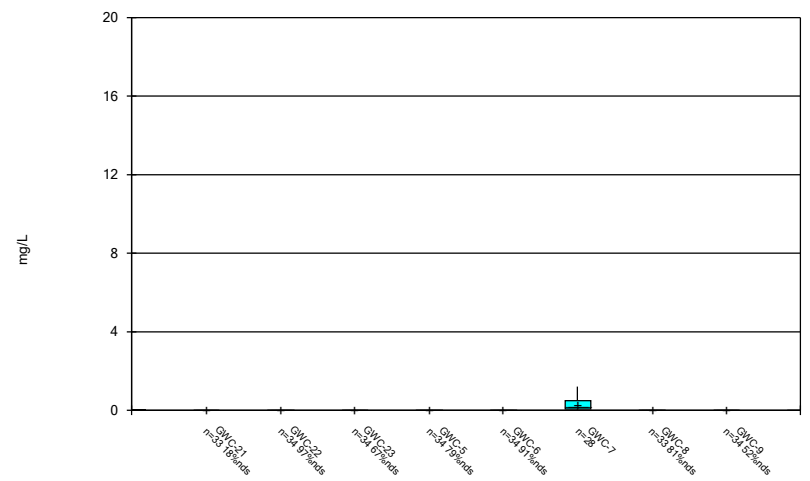
Constituent: Lead Analysis Run 3/31/2022 1:41 PM View: Descriptive
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



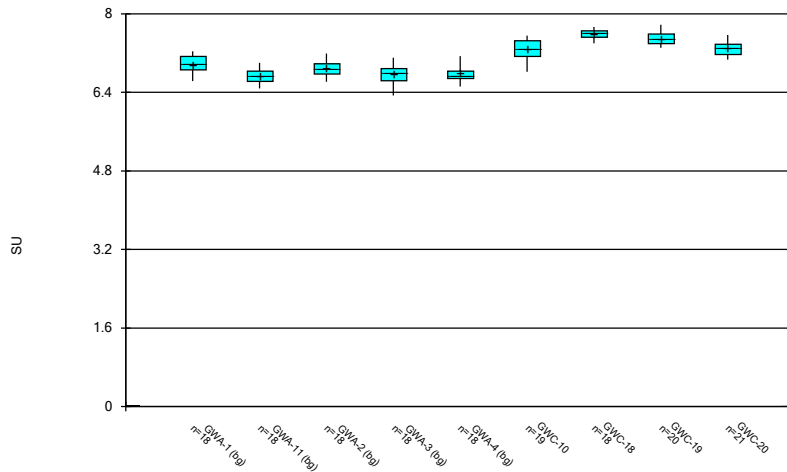
Constituent: Nickel Analysis Run 3/31/2022 1:41 PM View: Descriptive
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



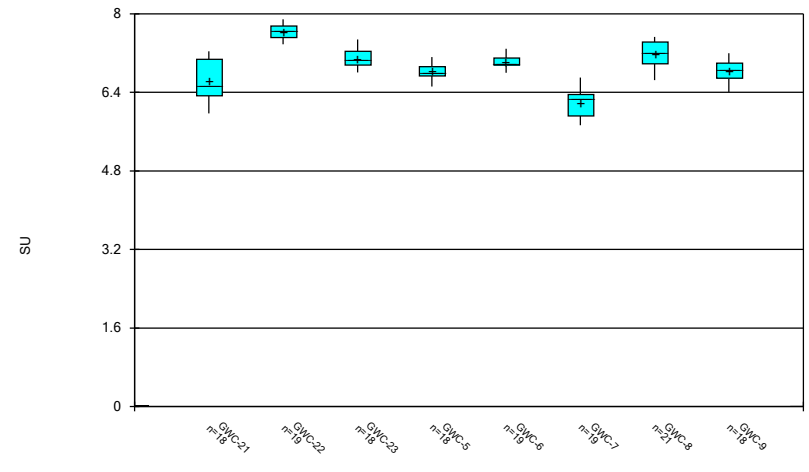
Constituent: Nickel Analysis Run 3/31/2022 1:41 PM View: Descriptive
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



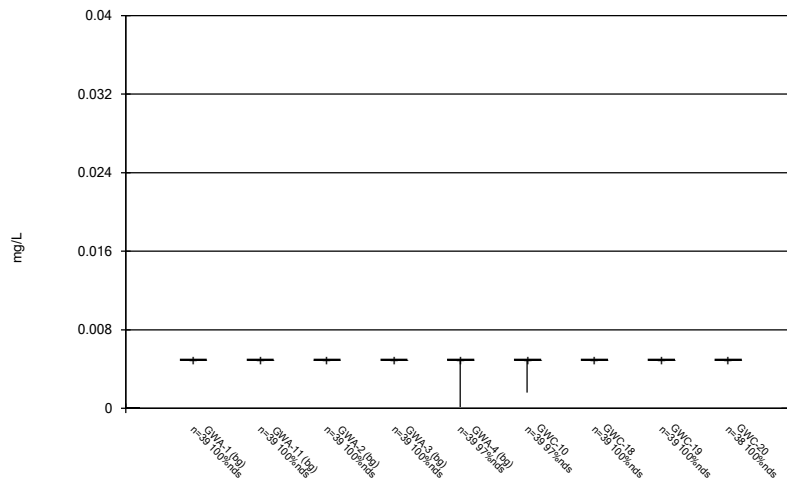
Constituent: pH Analysis Run 3/31/2022 1:41 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



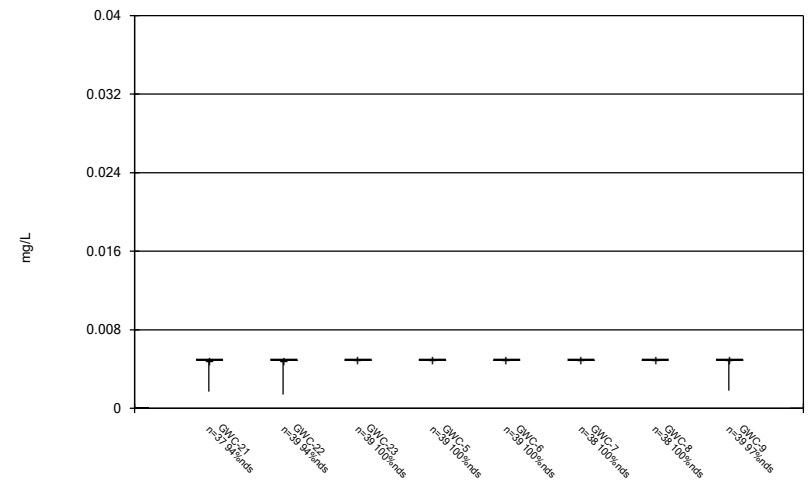
Constituent: pH Analysis Run 3/31/2022 1:41 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



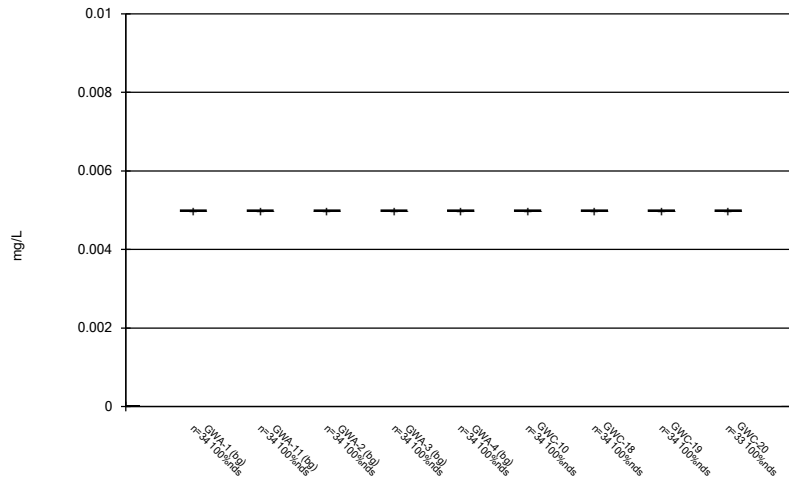
Constituent: Selenium Analysis Run 3/31/2022 1:41 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



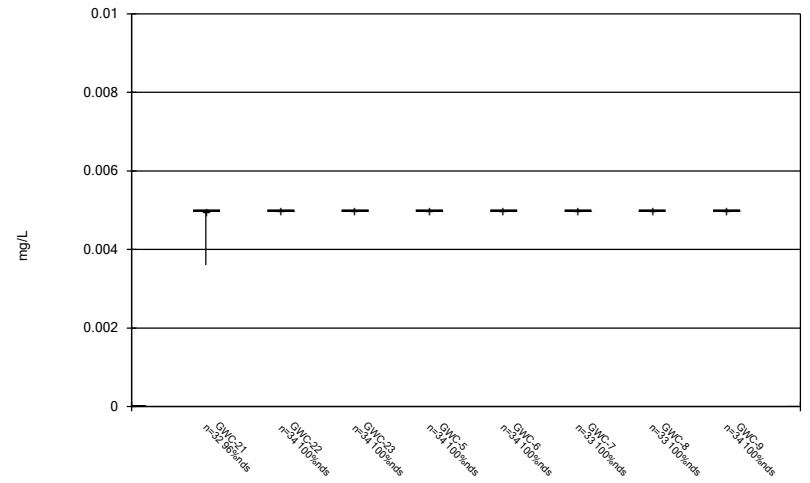
Constituent: Selenium Analysis Run 3/31/2022 1:41 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



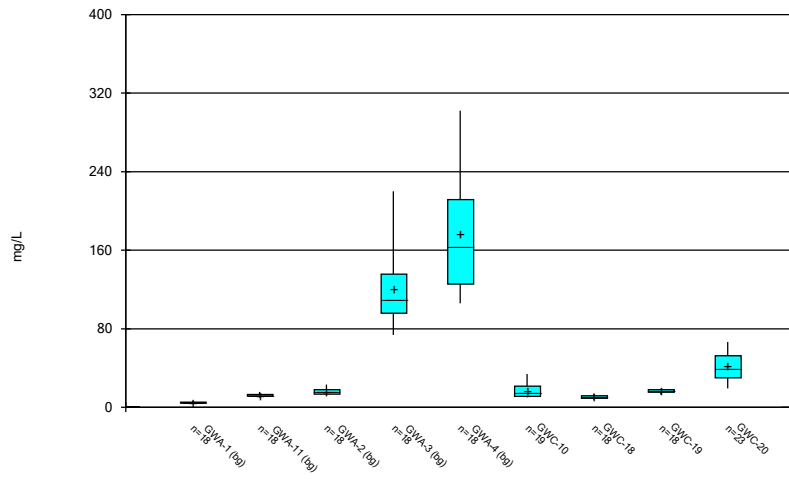
Constituent: Silver Analysis Run 3/31/2022 1:41 PM View: Descriptive
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



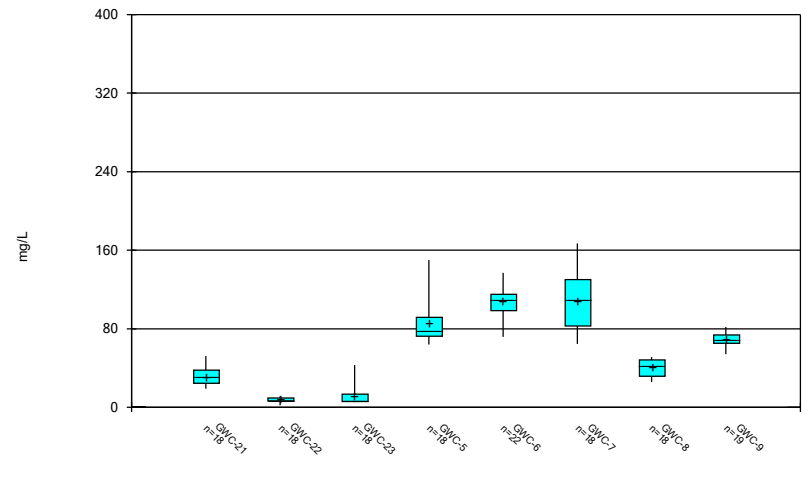
Constituent: Silver Analysis Run 3/31/2022 1:41 PM View: Descriptive
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



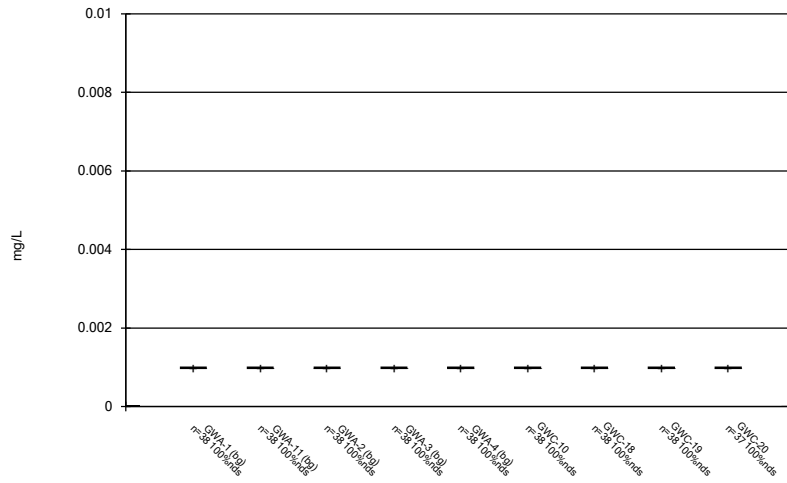
Constituent: Sulfate Analysis Run 3/31/2022 1:41 PM View: Descriptive
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



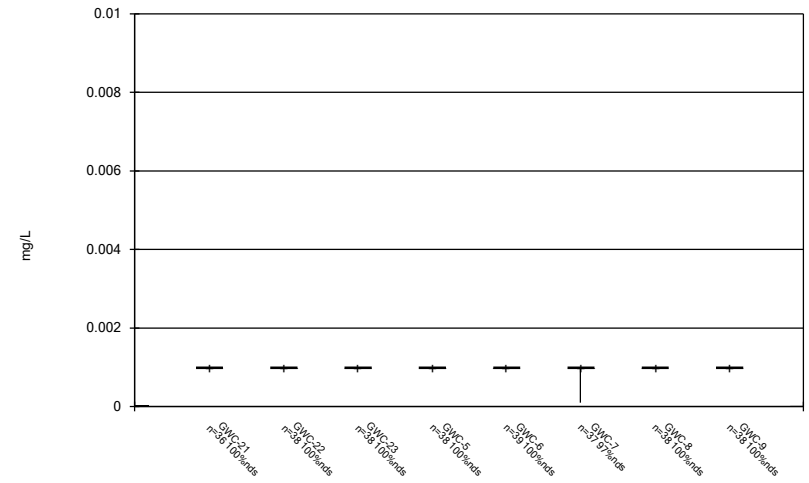
Constituent: Sulfate Analysis Run 3/31/2022 1:41 PM View: Descriptive
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



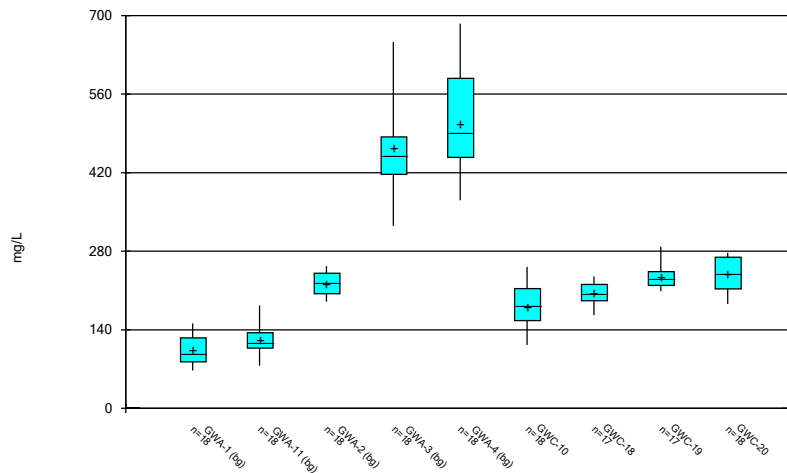
Constituent: Thallium Analysis Run 3/31/2022 1:41 PM View: Descriptive
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



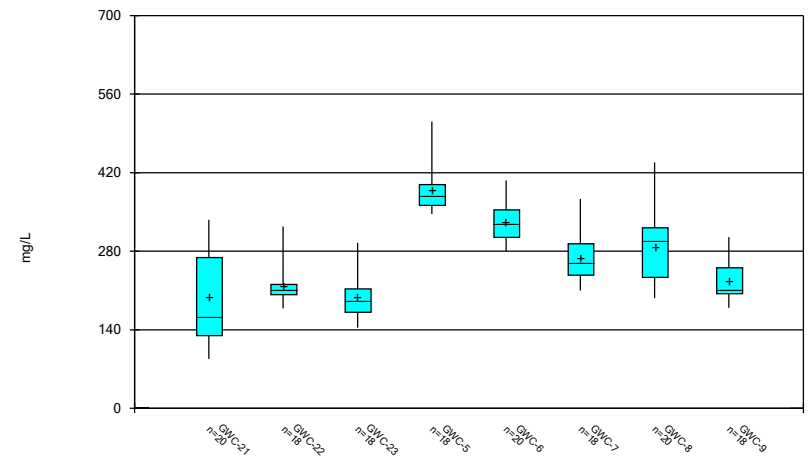
Constituent: Thallium Analysis Run 3/31/2022 1:41 PM View: Descriptive
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



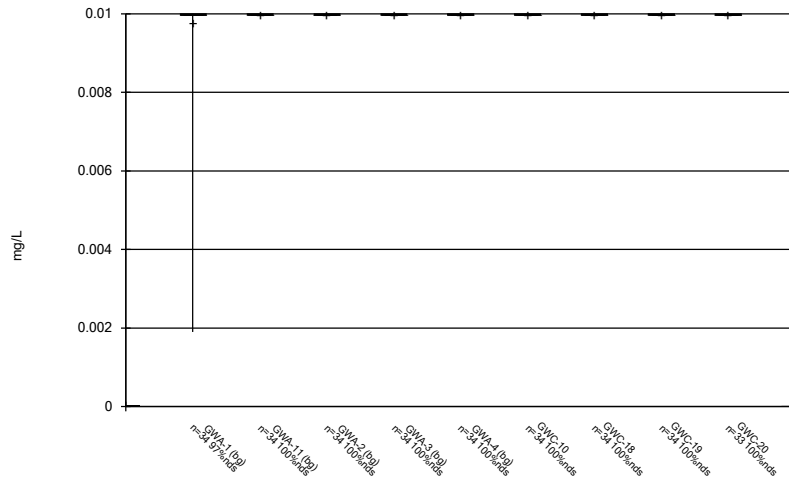
Constituent: Total Dissolved Solids Analysis Run 3/31/2022 1:41 PM View: Descriptive
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



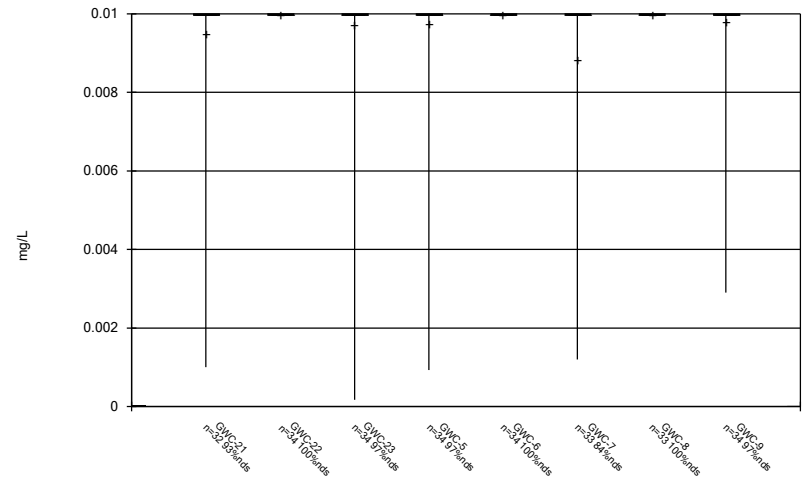
Constituent: Total Dissolved Solids Analysis Run 3/31/2022 1:41 PM View: Descriptive
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



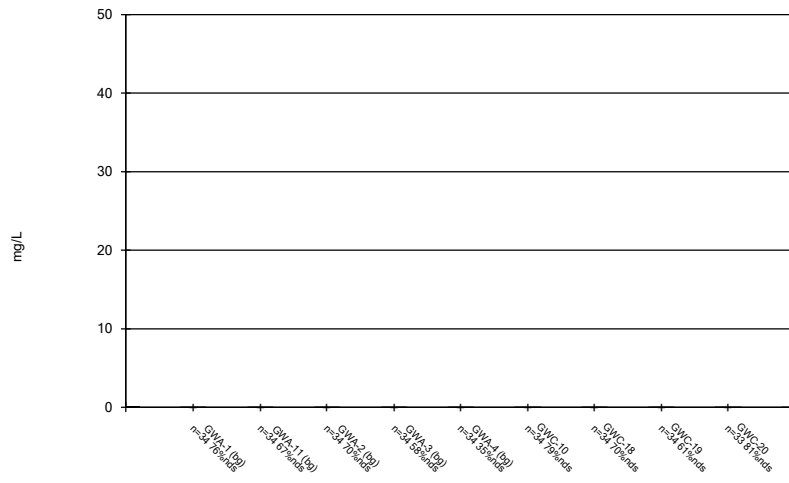
Constituent: Vanadium Analysis Run 3/31/2022 1:41 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



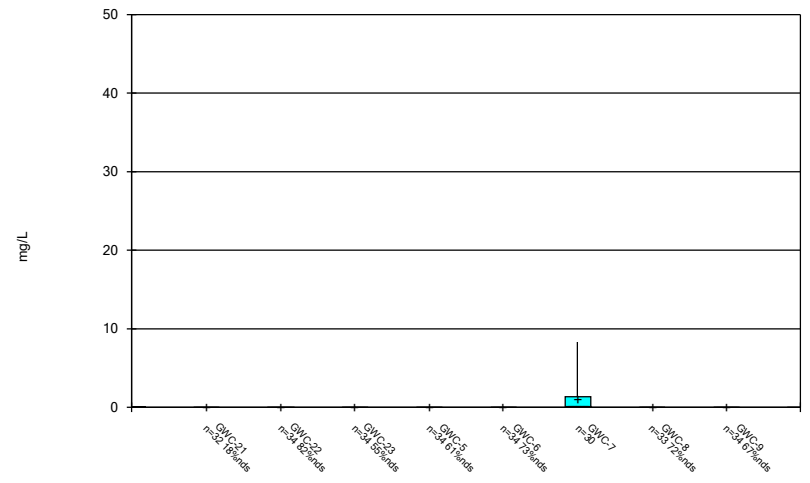
Constituent: Vanadium Analysis Run 3/31/2022 1:41 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



Constituent: Zinc Analysis Run 3/31/2022 1:41 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



Constituent: Zinc Analysis Run 3/31/2022 1:41 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

FIGURE C.

Outlier Analysis - Significant Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 3/25/2022, 9:39 AM

Constituent	Well	OutlierValue(s)	Method	N	Mean	Std. Dev.	Distribution	Normality Test
Arsenic (mg/L)	GWC-7	Yes 0.002	NP	38	0.005627	0.001717	x^(1/3)	ShapiroWilk
Arsenic (mg/L)	GWC-8	Yes 0.0005	NP	38	0.004159	0.001533	sqrt(x)	ShapiroWilk
Boron (mg/L)	GWC-20	Yes 0.05	NP	18	0.01969	0.008296	ln(x)	ShapiroWilk
Boron (mg/L)	GWC-6	Yes 0.091	NP	20	0.0425	0.01178	ln(x)	ShapiroWilk
Boron (mg/L)	GWC-9	Yes 0.05	NP	18	0.01795	0.008323	ln(x)	ShapiroWilk
Chloride (mg/L)	GWC-7	Yes 9.2	NP	19	2.021	1.759	ln(x)	ShapiroWilk
Copper (mg/L)	GWC-21	Yes 0.0013,0.0008,0.0006,0.0005,0.00084,0.00082	NP	32	0.004074	0.001689	sqrt(x)	ShapiroWilk
Total Dissolved Solids (mg/L)	GWC-18	Yes 427	NP	18	215.9	55.83	ln(x)	ShapiroWilk
Total Dissolved Solids (mg/L)	GWC-19	Yes 393	NP	18	241.4	42.25	ln(x)	ShapiroWilk
Total Dissolved Solids (mg/L)	GWC-22	Yes 324	NP	18	218	32.51	ln(x)	ShapiroWilk
Zinc (mg/L)	GWA-1 (bg)	Yes 0.001	NP	34	0.008324	0.003104	ln(x)	ShapiroWilk

Outlier Analysis - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 3/25/2022, 9:39 AM

Constituent	Well	OutlierValue(s)	Method	N	Mean	Std. Dev.	Distribution	Normality Test
Antimony (mg/L)	GWA-1 (bg)	n/a n/a	NP	39	0.00293	0.0004355	unknown	ShapiroWilk
Antimony (mg/L)	GWA-11 (bg)	n/a n/a	NP	39	0.002867	0.0005814	unknown	ShapiroWilk
Antimony (mg/L)	GWA-2 (bg)	n/a n/a	NP	38	0.002892	0.0004398	unknown	ShapiroWilk
Antimony (mg/L)	GWA-3 (bg)	n/a n/a	NP	39	0.002946	0.0003363	unknown	ShapiroWilk
Antimony (mg/L)	GWA-4 (bg)	n/a n/a	NP	39	0.002895	0.0004817	unknown	ShapiroWilk
Antimony (mg/L)	GWC-10	n/a n/a	NP	39	0.002936	0.0004003	unknown	ShapiroWilk
Antimony (mg/L)	GWC-18	n/a n/a	NP	39	0.002932	0.0004275	unknown	ShapiroWilk
Antimony (mg/L)	GWC-19	n/a n/a	NP	39	0.002931	0.0004323	unknown	ShapiroWilk
Antimony (mg/L)	GWC-5	n/a n/a	NP	39	0.00287	0.0005677	unknown	ShapiroWilk
Antimony (mg/L)	GWC-6	n/a n/a	NP	39	0.002936	0.0004003	unknown	ShapiroWilk
Antimony (mg/L)	GWC-7	n/a n/a	NP	38	0.002897	0.0004451	unknown	ShapiroWilk
Antimony (mg/L)	GWC-8	n/a n/a	NP	37	0.002895	0.0004899	unknown	ShapiroWilk
Antimony (mg/L)	GWC-9	n/a n/a	NP	39	0.002891	0.0004794	unknown	ShapiroWilk
Arsenic (mg/L)	GWA-1 (bg)	n/a n/a	NP	39	0.005	0	unknown	ShapiroWilk
Arsenic (mg/L)	GWA-11 (bg)	n/a n/a	NP	39	0.004875	0.0007814	unknown	ShapiroWilk
Arsenic (mg/L)	GWA-2 (bg)	n/a n/a	NP	39	0.005	0	unknown	ShapiroWilk
Arsenic (mg/L)	GWA-3 (bg)	No n/a	NP	39	0.003917	0.001817	ln(x)	ShapiroWilk
Arsenic (mg/L)	GWA-4 (bg)	n/a n/a	NP	39	0.004594	0.001374	unknown	ShapiroWilk
Arsenic (mg/L)	GWC-18	n/a n/a	NP	39	0.004663	0.001183	unknown	ShapiroWilk
Arsenic (mg/L)	GWC-21	n/a n/a	NP	37	0.004355	0.001414	unknown	ShapiroWilk
Arsenic (mg/L)	GWC-23	n/a n/a	NP	39	0.004773	0.0009892	unknown	ShapiroWilk
Arsenic (mg/L)	GWC-5	n/a n/a	NP	39	0.004803	0.0008695	unknown	ShapiroWilk
Arsenic (mg/L)	GWC-7	Yes 0.002	NP	38	0.005627	0.001717	x^(1/3)	ShapiroWilk
Arsenic (mg/L)	GWC-8	Yes 0.0005	NP	38	0.004159	0.001533	sqrt(x)	ShapiroWilk
Arsenic (mg/L)	GWC-9	n/a n/a	NP	39	0.00489	0.0006869	unknown	ShapiroWilk
Barium (mg/L)	GWA-1 (bg)	No n/a	NP	39	0.03895	0.004751	x^2	ShapiroWilk
Barium (mg/L)	GWA-11 (bg)	No n/a	NP	39	0.03303	0.003303	ln(x)	ShapiroWilk
Barium (mg/L)	GWA-2 (bg)	No n/a	NP	39	0.1567	0.02278	x^4	ShapiroWilk
Barium (mg/L)	GWA-3 (bg)	No n/a	NP	39	0.1634	0.02907	x^2	ShapiroWilk
Barium (mg/L)	GWA-4 (bg)	No n/a	NP	39	0.06334	0.03346	ln(x)	ShapiroWilk
Barium (mg/L)	GWC-10	No n/a	NP	42	0.1281	0.03175	normal	ShapiroWilk
Barium (mg/L)	GWC-18	No n/a	NP	39	0.07457	0.007397	x^2	ShapiroWilk
Barium (mg/L)	GWC-19	No n/a	NP	39	0.1232	0.03504	x^6	ShapiroWilk
Barium (mg/L)	GWC-20	No n/a	NP	39	0.1183	0.01489	x^2	ShapiroWilk
Barium (mg/L)	GWC-21	No n/a	NP	37	0.08122	0.05079	ln(x)	ShapiroWilk
Barium (mg/L)	GWC-22	No n/a	NP	39	0.0845	0.02072	x^3	ShapiroWilk
Barium (mg/L)	GWC-23	No n/a	NP	39	0.06562	0.01126	sqrt(x)	ShapiroWilk
Barium (mg/L)	GWC-5	No n/a	NP	39	0.0963	0.016	x^2	ShapiroWilk
Barium (mg/L)	GWC-6	No n/a	NP	39	0.1304	0.03992	x^2	ShapiroWilk
Barium (mg/L)	GWC-7	No n/a	NP	38	0.1002	0.1019	x^(1/3)	ShapiroWilk
Barium (mg/L)	GWC-8	No n/a	NP	39	0.1113	0.02829	ln(x)	ShapiroWilk
Barium (mg/L)	GWC-9	No n/a	NP	38	0.0597	0.005865	x^2	ShapiroWilk
Beryllium (mg/L)	GWA-1 (bg)	n/a n/a	NP	39	0.0005	0	unknown	ShapiroWilk
Beryllium (mg/L)	GWA-11 (bg)	n/a n/a	NP	39	0.0005	0	unknown	ShapiroWilk
Beryllium (mg/L)	GWA-2 (bg)	n/a n/a	NP	39	0.0005	0	unknown	ShapiroWilk
Beryllium (mg/L)	GWA-3 (bg)	n/a n/a	NP	39	0.0004892	0.00006725	unknown	ShapiroWilk
Beryllium (mg/L)	GWA-4 (bg)	n/a n/a	NP	39	0.0005	0	unknown	ShapiroWilk
Beryllium (mg/L)	GWC-19	n/a n/a	NP	39	0.0004897	0.00006405	unknown	ShapiroWilk
Beryllium (mg/L)	GWC-7	No n/a	NP	37	0.006708	0.01823	ln(x)	ShapiroWilk
Boron (mg/L)	GWA-1 (bg)	No n/a	NP	18	0.02601	0.0119	ln(x)	ShapiroWilk
Boron (mg/L)	GWA-11 (bg)	No n/a	NP	18	0.03638	0.002797	ln(x)	ShapiroWilk
Boron (mg/L)	GWA-2 (bg)	No n/a	NP	18	0.08596	0.006636	x^3	ShapiroWilk
Boron (mg/L)	GWA-3 (bg)	No n/a	NP	18	0.1448	0.01991	x^2	ShapiroWilk
Boron (mg/L)	GWA-4 (bg)	No n/a	NP	18	0.08894	0.02047	x^2	ShapiroWilk
Boron (mg/L)	GWC-10	No n/a	NP	18	0.03415	0.003836	x^3	ShapiroWilk

Outlier Analysis - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 3/25/2022, 9:39 AM

Constituent	Well	OutlierValue(s)	Method	N	Mean	Std. Dev.	Distribution	Normality Test
Boron (mg/L)	GWC-18	No n/a	NP	18	0.1294	0.008847	ln(x)	ShapiroWilk
Boron (mg/L)	GWC-19	No n/a	NP	18	0.1725	0.01413	x^2	ShapiroWilk
Boron (mg/L)	GWC-20	Yes 0.05	NP	18	0.01969	0.008296	ln(x)	ShapiroWilk
Boron (mg/L)	GWC-21	No n/a	NP	18	0.0403	0.02872	ln(x)	ShapiroWilk
Boron (mg/L)	GWC-22	No n/a	NP	18	0.06685	0.005585	ln(x)	ShapiroWilk
Boron (mg/L)	GWC-23	No n/a	NP	18	0.03983	0.02701	ln(x)	ShapiroWilk
Boron (mg/L)	GWC-5	No n/a	NP	18	0.05843	0.01007	sqrt(x)	ShapiroWilk
Boron (mg/L)	GWC-6	Yes 0.091	NP	20	0.0425	0.01178	ln(x)	ShapiroWilk
Boron (mg/L)	GWC-7	No n/a	NP	18	0.05314	0.007987	normal	ShapiroWilk
Boron (mg/L)	GWC-8	No n/a	NP	19	0.04136	0.02097	ln(x)	ShapiroWilk
Boron (mg/L)	GWC-9	Yes 0.05	NP	18	0.01795	0.008323	ln(x)	ShapiroWilk
Cadmium (mg/L)	GWA-1 (bg)	n/a n/a	NP	39	0.0005	0	unknown	ShapiroWilk
Cadmium (mg/L)	GWA-11 (bg)	n/a n/a	NP	39	0.0005	0	unknown	ShapiroWilk
Cadmium (mg/L)	GWA-2 (bg)	n/a n/a	NP	39	0.0005	0	unknown	ShapiroWilk
Cadmium (mg/L)	GWA-3 (bg)	n/a n/a	NP	39	0.0005	0	unknown	ShapiroWilk
Cadmium (mg/L)	GWA-4 (bg)	n/a n/a	NP	39	0.0004897	0.00006405	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-10	n/a n/a	NP	39	0.0004895	0.00006565	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-18	n/a n/a	NP	39	0.0004892	0.00006725	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-20	n/a n/a	NP	38	0.0004897	0.00006327	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-21	n/a n/a	NP	37	0.0004784	0.0000917	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-23	n/a n/a	NP	39	0.0004892	0.00006725	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-5	n/a n/a	NP	39	0.0005256	0.0001601	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-7	n/a n/a	NP	36	0.0006861	0.0006512	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-8	n/a n/a	NP	38	0.0004889	0.00006813	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-9	n/a n/a	NP	39	0.0004838	0.0000744	unknown	ShapiroWilk
Calcium (mg/L)	GWA-1 (bg)	No n/a	NP	18	16.32	1.938	normal	ShapiroWilk
Calcium (mg/L)	GWA-11 (bg)	No n/a	NP	18	20.34	2.647	x^4	ShapiroWilk
Calcium (mg/L)	GWA-2 (bg)	No n/a	NP	18	43.91	5.184	ln(x)	ShapiroWilk
Calcium (mg/L)	GWA-3 (bg)	No n/a	NP	18	74.82	7.144	x^6	ShapiroWilk
Calcium (mg/L)	GWA-4 (bg)	No n/a	NP	18	86.83	14.77	ln(x)	ShapiroWilk
Calcium (mg/L)	GWC-10	No n/a	NP	20	41.52	8.404	x^2	ShapiroWilk
Calcium (mg/L)	GWC-18	No n/a	NP	19	41.74	4.788	ln(x)	ShapiroWilk
Calcium (mg/L)	GWC-19	No n/a	NP	19	44.76	2.983	ln(x)	ShapiroWilk
Calcium (mg/L)	GWC-20	No n/a	NP	19	55.83	6.304	ln(x)	ShapiroWilk
Calcium (mg/L)	GWC-21	No n/a	NP	20	48.3	18.93	ln(x)	ShapiroWilk
Calcium (mg/L)	GWC-22	No n/a	NP	18	48.15	2.198	ln(x)	ShapiroWilk
Calcium (mg/L)	GWC-23	No n/a	NP	18	40.5	8.383	ln(x)	ShapiroWilk
Calcium (mg/L)	GWC-5	No n/a	NP	18	75.51	6.632	x^2	ShapiroWilk
Calcium (mg/L)	GWC-6	No n/a	NP	18	64.52	4.877	x^2	ShapiroWilk
Calcium (mg/L)	GWC-7	No n/a	NP	18	40.91	15.42	normal	ShapiroWilk
Calcium (mg/L)	GWC-8	No n/a	NP	20	70.09	16.57	ln(x)	ShapiroWilk
Calcium (mg/L)	GWC-9	No n/a	NP	18	35.67	1.975	ln(x)	ShapiroWilk
Chloride (mg/L)	GWA-1 (bg)	No n/a	NP	18	1.179	0.1662	ln(x)	ShapiroWilk
Chloride (mg/L)	GWA-11 (bg)	No n/a	NP	18	1.417	0.2572	ln(x)	ShapiroWilk
Chloride (mg/L)	GWA-2 (bg)	No n/a	NP	18	2.361	0.2727	ln(x)	ShapiroWilk
Chloride (mg/L)	GWA-3 (bg)	No n/a	NP	18	3.486	0.896	x^3	ShapiroWilk
Chloride (mg/L)	GWA-4 (bg)	No n/a	NP	18	5.722	1.906	x^2	ShapiroWilk
Chloride (mg/L)	GWC-10	No n/a	NP	20	1.502	0.3018	ln(x)	ShapiroWilk
Chloride (mg/L)	GWC-18	No n/a	NP	18	1.262	0.2638	x^4	ShapiroWilk
Chloride (mg/L)	GWC-19	No n/a	NP	18	1.727	0.3774	x^3	ShapiroWilk
Chloride (mg/L)	GWC-20	No n/a	NP	19	1.558	0.3365	x^2	ShapiroWilk
Chloride (mg/L)	GWC-21	No n/a	NP	19	2.514	0.5759	x^(1/3)	ShapiroWilk
Chloride (mg/L)	GWC-22	No n/a	NP	18	1.412	0.2797	x^3	ShapiroWilk
Chloride (mg/L)	GWC-23	No n/a	NP	18	1.358	0.3783	x^3	ShapiroWilk
Chloride (mg/L)	GWC-5	No n/a	NP	18	2.771	0.5926	sqrt(x)	ShapiroWilk

Outlier Analysis - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 3/25/2022, 9:39 AM

Constituent	Well	OutlierValue(s)	Method	N	Mean	Std. Dev.	Distribution	Normality Test
Chloride (mg/L)	GWC-6	No n/a	NP	18	1.846	0.2445	normal	ShapiroWilk
Chloride (mg/L)	GWC-7	Yes 9.2	NP	19	2.021	1.759	ln(x)	ShapiroWilk
Chloride (mg/L)	GWC-8	No n/a	NP	20	2.092	0.5762	ln(x)	ShapiroWilk
Chloride (mg/L)	GWC-9	No n/a	NP	18	1.082	0.2765	ln(x)	ShapiroWilk
Chromium (mg/L)	GWA-1 (bg)	n/a n/a	NP	39	0.005162	0.001932	unknown	ShapiroWilk
Chromium (mg/L)	GWA-11 (bg)	n/a n/a	NP	39	0.004756	0.0008641	unknown	ShapiroWilk
Chromium (mg/L)	GWA-2 (bg)	n/a n/a	NP	39	0.004883	0.0007318	unknown	ShapiroWilk
Chromium (mg/L)	GWA-3 (bg)	n/a n/a	NP	39	0.004795	0.0008961	unknown	ShapiroWilk
Chromium (mg/L)	GWA-4 (bg)	n/a n/a	NP	39	0.004787	0.0009331	unknown	ShapiroWilk
Chromium (mg/L)	GWC-10	n/a n/a	NP	39	0.004783	0.000865	unknown	ShapiroWilk
Chromium (mg/L)	GWC-18	n/a n/a	NP	39	0.004784	0.000942	unknown	ShapiroWilk
Chromium (mg/L)	GWC-19	n/a n/a	NP	39	0.004673	0.001151	unknown	ShapiroWilk
Chromium (mg/L)	GWC-20	n/a n/a	NP	38	0.004858	0.0008106	unknown	ShapiroWilk
Chromium (mg/L)	GWC-21	n/a n/a	NP	37	0.004795	0.0008703	unknown	ShapiroWilk
Chromium (mg/L)	GWC-22	n/a n/a	NP	39	0.004669	0.0009995	unknown	ShapiroWilk
Chromium (mg/L)	GWC-23	n/a n/a	NP	39	0.004908	0.0005931	unknown	ShapiroWilk
Chromium (mg/L)	GWC-5	n/a n/a	NP	39	0.004903	0.0006085	unknown	ShapiroWilk
Chromium (mg/L)	GWC-6	n/a n/a	NP	39	0.004894	0.0006645	unknown	ShapiroWilk
Chromium (mg/L)	GWC-7	n/a n/a	NP	37	0.004503	0.001234	unknown	ShapiroWilk
Chromium (mg/L)	GWC-8	n/a n/a	NP	38	0.004637	0.001146	unknown	ShapiroWilk
Chromium (mg/L)	GWC-9	n/a n/a	NP	39	0.004746	0.0009017	unknown	ShapiroWilk
Cobalt (mg/L)	GWA-1 (bg)	No n/a	NP	39	0.003167	0.002227	ln(x)	ShapiroWilk
Cobalt (mg/L)	GWA-11 (bg)	No n/a	NP	39	0.005491	0.004689	ln(x)	ShapiroWilk
Cobalt (mg/L)	GWA-2 (bg)	n/a n/a	NP	39	0.004873	0.0007909	unknown	ShapiroWilk
Cobalt (mg/L)	GWA-3 (bg)	n/a n/a	NP	39	0.004417	0.001542	unknown	ShapiroWilk
Cobalt (mg/L)	GWA-4 (bg)	No n/a	NP	39	0.003653	0.00187	ln(x)	ShapiroWilk
Cobalt (mg/L)	GWC-10	n/a n/a	NP	39	0.004893	0.0006693	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-21	No n/a	NP	37	0.006087	0.004255	ln(x)	ShapiroWilk
Cobalt (mg/L)	GWC-23	n/a n/a	NP	39	0.004531	0.001405	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-5	n/a n/a	NP	39	0.004556	0.001332	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-6	n/a n/a	NP	39	0.004877	0.0007654	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-7	No n/a	NP	34	0.1058	0.1583	ln(x)	ShapiroWilk
Cobalt (mg/L)	GWC-8	n/a n/a	NP	38	0.008229	0.003508	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-9	n/a n/a	NP	39	0.004299	0.001665	unknown	ShapiroWilk
Copper (mg/L)	GWA-1 (bg)	n/a n/a	NP	34	0.005	0	unknown	ShapiroWilk
Copper (mg/L)	GWA-11 (bg)	n/a n/a	NP	34	0.004797	0.000728	unknown	ShapiroWilk
Copper (mg/L)	GWA-2 (bg)	n/a n/a	NP	34	0.004694	0.001065	unknown	ShapiroWilk
Copper (mg/L)	GWA-3 (bg)	n/a n/a	NP	34	0.004762	0.0009042	unknown	ShapiroWilk
Copper (mg/L)	GWA-4 (bg)	n/a n/a	NP	34	0.004947	0.0008499	unknown	ShapiroWilk
Copper (mg/L)	GWC-10	n/a n/a	NP	34	0.004786	0.0009135	unknown	ShapiroWilk
Copper (mg/L)	GWC-18	n/a n/a	NP	34	0.004684	0.001081	unknown	ShapiroWilk
Copper (mg/L)	GWC-19	n/a n/a	NP	34	0.004441	0.001447	unknown	ShapiroWilk
Copper (mg/L)	GWC-20	n/a n/a	NP	33	0.004789	0.0009035	unknown	ShapiroWilk
Copper (mg/L)	GWC-21	Yes 0.0013,0.0008,0.0006,0.0005,0.00084,0.00082	NP	32	0.004074	0.001689	sqrt(x)	ShapiroWilk
Copper (mg/L)	GWC-22	n/a n/a	NP	34	0.004671	0.001158	unknown	ShapiroWilk
Copper (mg/L)	GWC-23	No n/a	NP	34	0.004122	0.001943	normal	ShapiroWilk
Copper (mg/L)	GWC-5	n/a n/a	NP	34	0.004541	0.001243	unknown	ShapiroWilk
Copper (mg/L)	GWC-6	n/a n/a	NP	34	0.00486	0.000818	unknown	ShapiroWilk
Copper (mg/L)	GWC-7	n/a n/a	NP	32	0.00485	0.002672	unknown	ShapiroWilk
Copper (mg/L)	GWC-8	n/a n/a	NP	33	0.004859	0.0008077	unknown	ShapiroWilk
Copper (mg/L)	GWC-9	n/a n/a	NP	34	0.004885	0.0005582	unknown	ShapiroWilk
Fluoride (mg/L)	GWA-1 (bg)	No n/a	NP	18	0.1003	0.03587	normal	ShapiroWilk
Fluoride (mg/L)	GWA-11 (bg)	No n/a	NP	18	0.08832	0.04346	sqrt(x)	ShapiroWilk
Fluoride (mg/L)	GWA-2 (bg)	No n/a	NP	18	0.1212	0.04685	x^(1/3)	ShapiroWilk
Fluoride (mg/L)	GWA-3 (bg)	No n/a	NP	18	0.2014	0.1141	ln(x)	ShapiroWilk

Outlier Analysis - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 3/25/2022, 9:39 AM

Constituent	Well	OutlierValue(s)	Method	N	Mean	Std. Dev.	Distribution	Normality Test
Fluoride (mg/L)	GWA-4 (bg)	No n/a	NP	18	0.1924	0.1054	ln(x)	ShapiroWilk
Fluoride (mg/L)	GWC-10	No n/a	NP	18	0.1024	0.03525	ln(x)	ShapiroWilk
Fluoride (mg/L)	GWC-18	No n/a	NP	18	0.1365	0.03246	ln(x)	ShapiroWilk
Fluoride (mg/L)	GWC-19	No n/a	NP	18	0.1411	0.04487	ln(x)	ShapiroWilk
Fluoride (mg/L)	GWC-20	No n/a	NP	18	0.08461	0.03872	ln(x)	ShapiroWilk
Fluoride (mg/L)	GWC-21	No n/a	NP	18	0.08428	0.05205	x^(1/3)	ShapiroWilk
Fluoride (mg/L)	GWC-22	No n/a	NP	18	0.08442	0.02678	ln(x)	ShapiroWilk
Fluoride (mg/L)	GWC-23	No n/a	NP	18	0.1031	0.032	ln(x)	ShapiroWilk
Fluoride (mg/L)	GWC-5	No n/a	NP	18	0.09363	0.0831	ln(x)	ShapiroWilk
Fluoride (mg/L)	GWC-6	No n/a	NP	18	0.1025	0.07026	ln(x)	ShapiroWilk
Fluoride (mg/L)	GWC-7	No n/a	NP	18	0.2321	0.1035	ln(x)	ShapiroWilk
Fluoride (mg/L)	GWC-8	No n/a	NP	19	0.1776	0.08909	ln(x)	ShapiroWilk
Fluoride (mg/L)	GWC-9	No n/a	NP	18	0.09083	0.03216	ln(x)	ShapiroWilk
Lead (mg/L)	GWA-1 (bg)	n/a n/a	NP	39	0.001	0	unknown	ShapiroWilk
Lead (mg/L)	GWA-11 (bg)	n/a n/a	NP	39	0.0009762	0.0001489	unknown	ShapiroWilk
Lead (mg/L)	GWA-2 (bg)	n/a n/a	NP	39	0.001	0	unknown	ShapiroWilk
Lead (mg/L)	GWA-3 (bg)	n/a n/a	NP	39	0.0009509	0.0002137	unknown	ShapiroWilk
Lead (mg/L)	GWA-4 (bg)	n/a n/a	NP	39	0.001	0	unknown	ShapiroWilk
Lead (mg/L)	GWC-10	n/a n/a	NP	39	0.0009757	0.0001515	unknown	ShapiroWilk
Lead (mg/L)	GWC-18	n/a n/a	NP	39	0.0009754	0.0001537	unknown	ShapiroWilk
Lead (mg/L)	GWC-19	n/a n/a	NP	39	0.0009334	0.0002344	unknown	ShapiroWilk
Lead (mg/L)	GWC-20	n/a n/a	NP	38	0.0009755	0.0001509	unknown	ShapiroWilk
Lead (mg/L)	GWC-21	n/a n/a	NP	37	0.0009034	0.0002814	unknown	ShapiroWilk
Lead (mg/L)	GWC-22	n/a n/a	NP	39	0.0009065	0.0002804	unknown	ShapiroWilk
Lead (mg/L)	GWC-23	n/a n/a	NP	39	0.0008833	0.0002807	unknown	ShapiroWilk
Lead (mg/L)	GWC-5	n/a n/a	NP	39	0.0009604	0.0001766	unknown	ShapiroWilk
Lead (mg/L)	GWC-6	n/a n/a	NP	39	0.0009769	0.0001441	unknown	ShapiroWilk
Lead (mg/L)	GWC-7	n/a n/a	NP	38	0.0008293	0.0003886	unknown	ShapiroWilk
Lead (mg/L)	GWC-8	n/a n/a	NP	38	0.0009539	0.0001989	unknown	ShapiroWilk
Nickel (mg/L)	GWA-1 (bg)	n/a n/a	NP	34	0.004102	0.001793	unknown	ShapiroWilk
Nickel (mg/L)	GWA-11 (bg)	No n/a	NP	34	0.006247	0.004051	ln(x)	ShapiroWilk
Nickel (mg/L)	GWA-2 (bg)	n/a n/a	NP	34	0.004874	0.0007374	unknown	ShapiroWilk
Nickel (mg/L)	GWA-3 (bg)	n/a n/a	NP	34	0.004449	0.001363	unknown	ShapiroWilk
Nickel (mg/L)	GWA-4 (bg)	No n/a	NP	34	0.003466	0.001768	ln(x)	ShapiroWilk
Nickel (mg/L)	GWC-10	n/a n/a	NP	34	0.004921	0.000463	unknown	ShapiroWilk
Nickel (mg/L)	GWC-18	No n/a	NP	34	0.004043	0.001759	ln(x)	ShapiroWilk
Nickel (mg/L)	GWC-19	n/a n/a	NP	34	0.004777	0.001078	unknown	ShapiroWilk
Nickel (mg/L)	GWC-20	n/a n/a	NP	33	0.004738	0.001049	unknown	ShapiroWilk
Nickel (mg/L)	GWC-21	No n/a	NP	33	0.00462	0.002224	ln(x)	ShapiroWilk
Nickel (mg/L)	GWC-22	n/a n/a	NP	34	0.00487	0.0007563	unknown	ShapiroWilk
Nickel (mg/L)	GWC-23	No n/a	NP	34	0.003789	0.00183	ln(x)	ShapiroWilk
Nickel (mg/L)	GWC-5	n/a n/a	NP	34	0.004164	0.001667	unknown	ShapiroWilk
Nickel (mg/L)	GWC-6	n/a n/a	NP	34	0.004608	0.001283	unknown	ShapiroWilk
Nickel (mg/L)	GWC-7	No n/a	NP	31	0.5684	0.9133	ln(x)	ShapiroWilk
Nickel (mg/L)	GWC-8	n/a n/a	NP	33	0.004421	0.00164	unknown	ShapiroWilk
Nickel (mg/L)	GWC-9	No n/a	NP	34	0.006318	0.003972	ln(x)	ShapiroWilk
pH (SU)	GWA-1 (bg)	No n/a	NP	18	6.971	0.1768	x^5	ShapiroWilk
pH (SU)	GWA-11 (bg)	No n/a	NP	18	6.732	0.1412	x^4	ShapiroWilk
pH (SU)	GWA-2 (bg)	No n/a	NP	18	6.892	0.1406	sqrt(x)	ShapiroWilk
pH (SU)	GWA-3 (bg)	No n/a	NP	18	6.769	0.1764	x^6	ShapiroWilk
pH (SU)	GWA-4 (bg)	No n/a	NP	18	6.782	0.1787	ln(x)	ShapiroWilk
pH (SU)	GWC-10	No n/a	NP	19	7.285	0.1894	x^6	ShapiroWilk
pH (SU)	GWC-18	No n/a	NP	18	7.593	0.0879	x^6	ShapiroWilk
pH (SU)	GWC-19	No n/a	NP	20	7.495	0.124	ln(x)	ShapiroWilk
pH (SU)	GWC-20	No n/a	NP	21	7.303	0.1458	ln(x)	ShapiroWilk

Outlier Analysis - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 3/25/2022, 9:39 AM

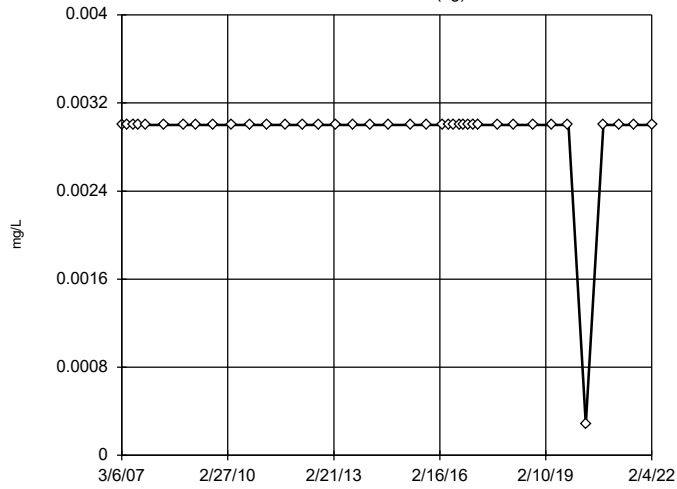
Constituent	Well	OutlierValue(s)	Method	N	Mean	Std. Dev.	Distribution	Normality Test
pH (SU)	GWC-21	No n/a	NP	18	6.648	0.4163	ln(x)	ShapiroWilk
pH (SU)	GWC-22	No n/a	NP	19	7.635	0.1457	x^2	ShapiroWilk
pH (SU)	GWC-23	No n/a	NP	18	7.089	0.1719	ln(x)	ShapiroWilk
pH (SU)	GWC-5	No n/a	NP	18	6.833	0.1544	x^3	ShapiroWilk
pH (SU)	GWC-6	No n/a	NP	19	7.024	0.1318	ln(x)	ShapiroWilk
pH (SU)	GWC-7	No n/a	NP	19	6.192	0.2745	x^2	ShapiroWilk
pH (SU)	GWC-8	No n/a	NP	21	7.176	0.2536	x^5	ShapiroWilk
pH (SU)	GWC-9	No n/a	NP	18	6.834	0.2127	x^4	ShapiroWilk
Selenium (mg/L)	GWA-1 (bg)	n/a n/a	NP	39	0.005	0	unknown	ShapiroWilk
Selenium (mg/L)	GWA-11 (bg)	n/a n/a	NP	39	0.005	0	unknown	ShapiroWilk
Selenium (mg/L)	GWA-2 (bg)	n/a n/a	NP	39	0.005	0	unknown	ShapiroWilk
Selenium (mg/L)	GWA-3 (bg)	n/a n/a	NP	39	0.005	0	unknown	ShapiroWilk
Selenium (mg/L)	GWA-4 (bg)	n/a n/a	NP	39	0.004875	0.0007782	unknown	ShapiroWilk
Selenium (mg/L)	GWC-10	n/a n/a	NP	39	0.004913	0.0005444	unknown	ShapiroWilk
Selenium (mg/L)	GWC-21	n/a n/a	NP	37	0.004841	0.0006813	unknown	ShapiroWilk
Selenium (mg/L)	GWC-22	n/a n/a	NP	39	0.004823	0.0007717	unknown	ShapiroWilk
Selenium (mg/L)	GWC-9	n/a n/a	NP	39	0.004918	0.0005124	unknown	ShapiroWilk
Sulfate (mg/L)	GWA-1 (bg)	No n/a	NP	18	4.843	0.526	ln(x)	ShapiroWilk
Sulfate (mg/L)	GWA-11 (bg)	No n/a	NP	18	12.07	1.301	ln(x)	ShapiroWilk
Sulfate (mg/L)	GWA-2 (bg)	No n/a	NP	18	16.07	2.955	ln(x)	ShapiroWilk
Sulfate (mg/L)	GWA-3 (bg)	No n/a	NP	18	120.5	37.12	ln(x)	ShapiroWilk
Sulfate (mg/L)	GWA-4 (bg)	No n/a	NP	18	177	57.55	ln(x)	ShapiroWilk
Sulfate (mg/L)	GWC-10	No n/a	NP	19	16.96	8.173	ln(x)	ShapiroWilk
Sulfate (mg/L)	GWC-18	No n/a	NP	18	10.41	1.624	ln(x)	ShapiroWilk
Sulfate (mg/L)	GWC-19	No n/a	NP	18	16.52	1.661	x^3	ShapiroWilk
Sulfate (mg/L)	GWC-20	No n/a	NP	23	41.47	14.06	ln(x)	ShapiroWilk
Sulfate (mg/L)	GWC-21	No n/a	NP	18	31.18	9.191	ln(x)	ShapiroWilk
Sulfate (mg/L)	GWC-22	No n/a	NP	18	7.667	2.286	normal	ShapiroWilk
Sulfate (mg/L)	GWC-23	No n/a	NP	18	11.69	10.94	ln(x)	ShapiroWilk
Sulfate (mg/L)	GWC-5	No n/a	NP	18	85.67	22.15	ln(x)	ShapiroWilk
Sulfate (mg/L)	GWC-6	No n/a	NP	22	107.9	15.26	normal	ShapiroWilk
Sulfate (mg/L)	GWC-7	No n/a	NP	18	107.9	28.42	sqrt(x)	ShapiroWilk
Sulfate (mg/L)	GWC-8	No n/a	NP	18	40.14	8.571	x^2	ShapiroWilk
Sulfate (mg/L)	GWC-9	No n/a	NP	19	69.09	6.613	x^3	ShapiroWilk
Total Dissolved Solids (mg/L)	GWA-1 (bg)	No n/a	NP	18	103.1	24.22	x^(1/3)	ShapiroWilk
Total Dissolved Solids (mg/L)	GWA-11 (bg)	No n/a	NP	18	121.8	23.12	ln(x)	ShapiroWilk
Total Dissolved Solids (mg/L)	GWA-2 (bg)	No n/a	NP	18	222.8	19.63	x^4	ShapiroWilk
Total Dissolved Solids (mg/L)	GWA-3 (bg)	No n/a	NP	18	464.1	73.63	ln(x)	ShapiroWilk
Total Dissolved Solids (mg/L)	GWA-4 (bg)	No n/a	NP	18	507.2	90.38	ln(x)	ShapiroWilk
Total Dissolved Solids (mg/L)	GWC-10	No n/a	NP	18	181.3	36.69	x^2	ShapiroWilk
Total Dissolved Solids (mg/L)	GWC-18	Yes 427	NP	18	215.9	55.83	ln(x)	ShapiroWilk
Total Dissolved Solids (mg/L)	GWC-19	Yes 393	NP	18	241.4	42.25	ln(x)	ShapiroWilk
Total Dissolved Solids (mg/L)	GWC-20	No n/a	NP	18	239.1	30.27	ln(x)	ShapiroWilk
Total Dissolved Solids (mg/L)	GWC-21	No n/a	NP	20	198.5	81.71	ln(x)	ShapiroWilk
Total Dissolved Solids (mg/L)	GWC-22	Yes 324	NP	18	218	32.51	ln(x)	ShapiroWilk
Total Dissolved Solids (mg/L)	GWC-23	No n/a	NP	18	197.9	38.23	ln(x)	ShapiroWilk
Total Dissolved Solids (mg/L)	GWC-5	No n/a	NP	18	388.7	42.7	ln(x)	ShapiroWilk
Total Dissolved Solids (mg/L)	GWC-6	No n/a	NP	20	332.4	37.4	ln(x)	ShapiroWilk
Total Dissolved Solids (mg/L)	GWC-7	No n/a	NP	18	267.4	38.91	ln(x)	ShapiroWilk
Total Dissolved Solids (mg/L)	GWC-8	No n/a	NP	20	288.2	67.27	ln(x)	ShapiroWilk
Total Dissolved Solids (mg/L)	GWC-9	No n/a	NP	18	226.2	33.79	ln(x)	ShapiroWilk
Vanadium (mg/L)	GWA-1 (bg)	n/a n/a	NP	34	0.009762	0.001389	unknown	ShapiroWilk
Vanadium (mg/L)	GWA-11 (bg)	n/a n/a	NP	34	0.01	0	unknown	ShapiroWilk
Vanadium (mg/L)	GWA-2 (bg)	n/a n/a	NP	34	0.01	0	unknown	ShapiroWilk
Vanadium (mg/L)	GWA-3 (bg)	n/a n/a	NP	34	0.01	0	unknown	ShapiroWilk

Outlier Analysis - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 3/25/2022, 9:39 AM

Constituent	Well	OutlierValue(s)	Method	N	Mean	Std. Dev.	Distribution	Normality Test
Vanadium (mg/L)	GWA-4 (bg)	n/a n/a	NP	34	0.01	0	unknown	ShapiroWilk
Vanadium (mg/L)	GWC-21	n/a n/a	NP	32	0.009497	0.001994	unknown	ShapiroWilk
Vanadium (mg/L)	GWC-23	n/a n/a	NP	34	0.009711	0.001686	unknown	ShapiroWilk
Vanadium (mg/L)	GWC-5	n/a n/a	NP	34	0.009733	0.001555	unknown	ShapiroWilk
Vanadium (mg/L)	GWC-7	n/a n/a	NP	33	0.008842	0.002807	unknown	ShapiroWilk
Vanadium (mg/L)	GWC-9	n/a n/a	NP	34	0.009791	0.001218	unknown	ShapiroWilk
Zinc (mg/L)	GWA-1 (bg)	Yes 0.001	NP	34	0.008324	0.003104	ln(x)	ShapiroWilk
Zinc (mg/L)	GWA-11 (bg)	No n/a	NP	34	0.007881	0.003239	x^(1/3)	ShapiroWilk
Zinc (mg/L)	GWA-2 (bg)	No n/a	NP	34	0.007835	0.003446	ln(x)	ShapiroWilk
Zinc (mg/L)	GWA-3 (bg)	No n/a	NP	34	0.007149	0.003544	ln(x)	ShapiroWilk
Zinc (mg/L)	GWA-4 (bg)	No n/a	NP	34	0.006156	0.003224	ln(x)	ShapiroWilk
Zinc (mg/L)	GWC-10	n/a n/a	NP	34	0.008579	0.002978	unknown	ShapiroWilk
Zinc (mg/L)	GWC-18	No n/a	NP	34	0.007971	0.00327	ln(x)	ShapiroWilk
Zinc (mg/L)	GWC-19	No n/a	NP	34	0.007538	0.003667	x^(1/3)	ShapiroWilk
Zinc (mg/L)	GWC-20	n/a n/a	NP	33	0.008618	0.003079	unknown	ShapiroWilk
Zinc (mg/L)	GWC-21	No n/a	NP	32	0.00607	0.002484	ln(x)	ShapiroWilk
Zinc (mg/L)	GWC-22	n/a n/a	NP	34	0.008774	0.002762	unknown	ShapiroWilk
Zinc (mg/L)	GWC-23	No n/a	NP	34	0.007091	0.003473	x^(1/3)	ShapiroWilk
Zinc (mg/L)	GWC-5	No n/a	NP	34	0.007406	0.00346	x^(1/3)	ShapiroWilk
Zinc (mg/L)	GWC-6	No n/a	NP	34	0.008099	0.003296	x^(1/3)	ShapiroWilk
Zinc (mg/L)	GWC-7	No n/a	NP	30	1.052	1.773	ln(x)	ShapiroWilk
Zinc (mg/L)	GWC-8	No n/a	NP	33	0.008115	0.003224	x^(1/3)	ShapiroWilk
Zinc (mg/L)	GWC-9	No n/a	NP	34	0.007641	0.003537	ln(x)	ShapiroWilk

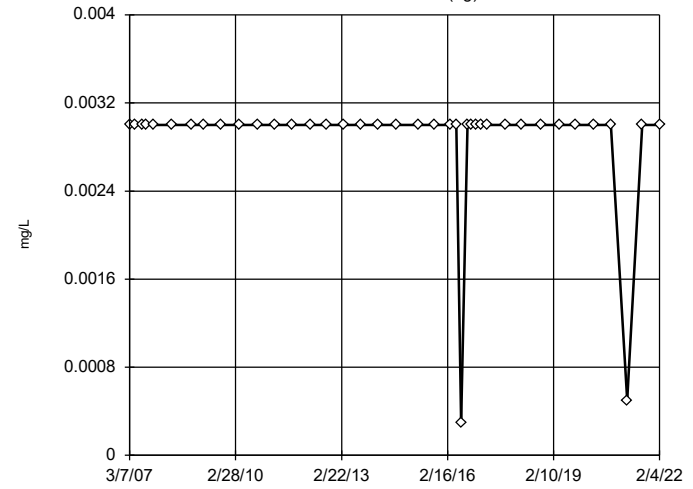
Tukey's Outlier Screening GWA-1 (bg)



n = 39
 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: Antimony Analysis Run 3/24/2022 3:26 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

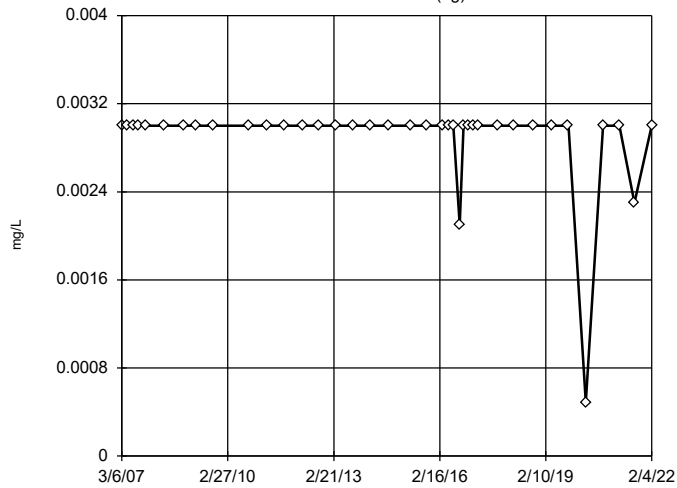
Tukey's Outlier Screening GWA-11 (bg)



n = 39
 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: Antimony Analysis Run 3/24/2022 3:26 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

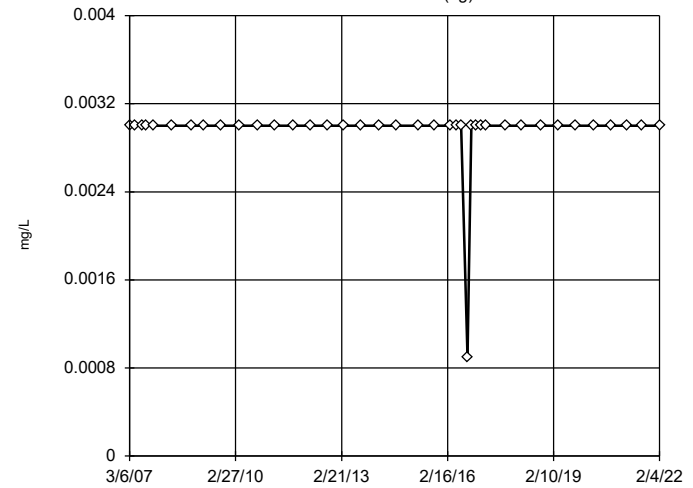
Tukey's Outlier Screening GWA-2 (bg)



n = 38
 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: Antimony Analysis Run 3/24/2022 3:26 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

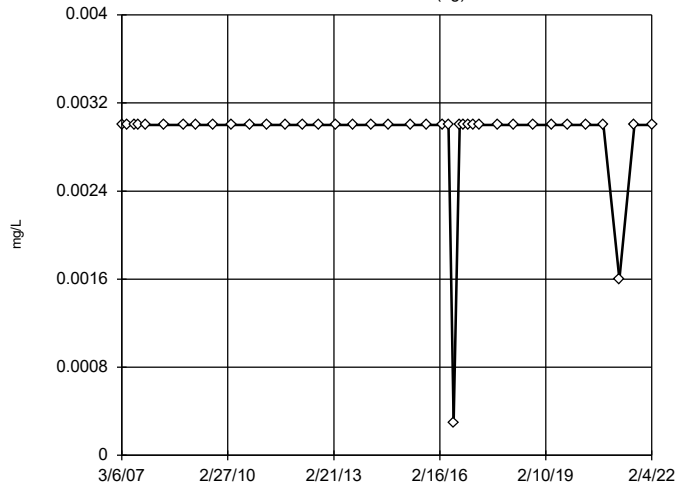
Tukey's Outlier Screening GWA-3 (bg)



n = 39
 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: Antimony Analysis Run 3/24/2022 3:26 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

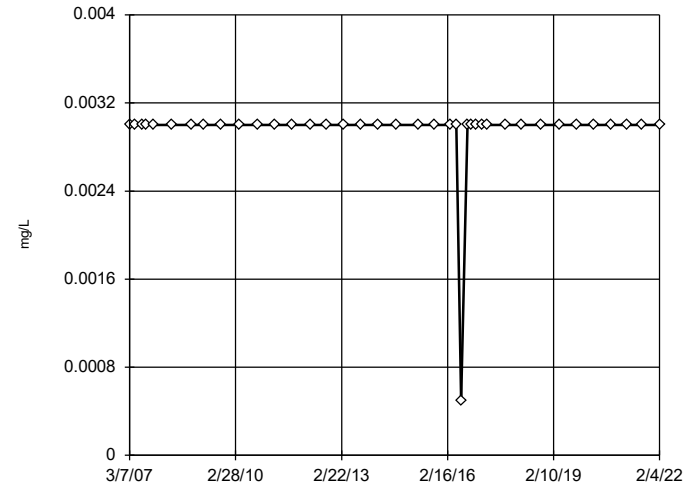
Tukey's Outlier Screening GWA-4 (bg)



n = 39
 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 3/24/2022 3:26 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

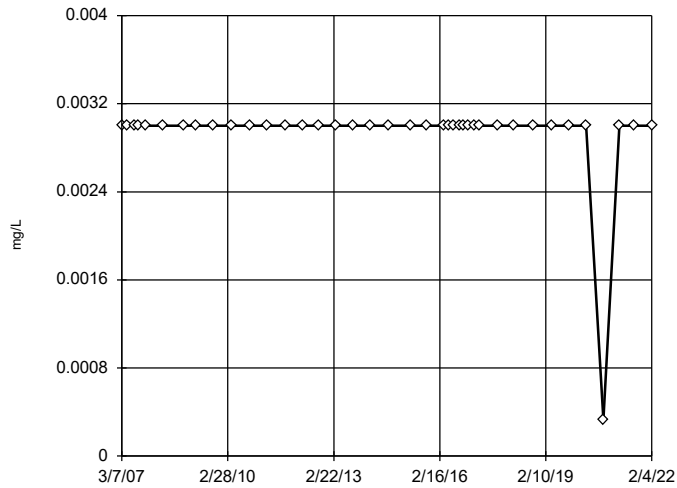
Tukey's Outlier Screening GWC-10



n = 39
 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 3/24/2022 3:26 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

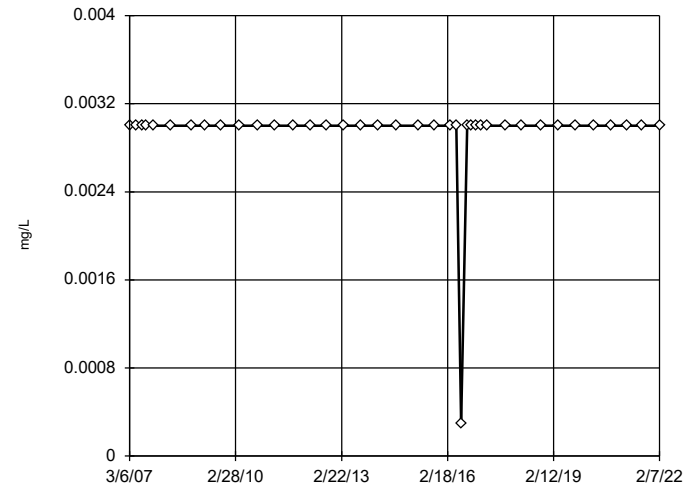
Tukey's Outlier Screening GWC-18



n = 39
 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: Antimony Analysis Run 3/24/2022 3:26 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

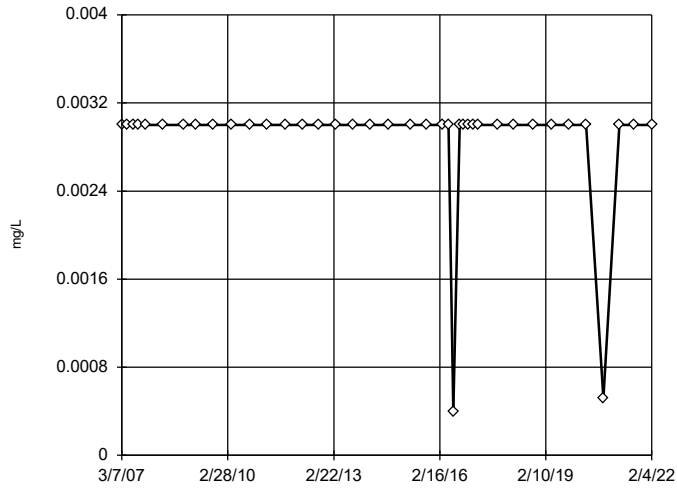
Tukey's Outlier Screening GWC-19



n = 39
 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: Antimony Analysis Run 3/24/2022 3:26 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

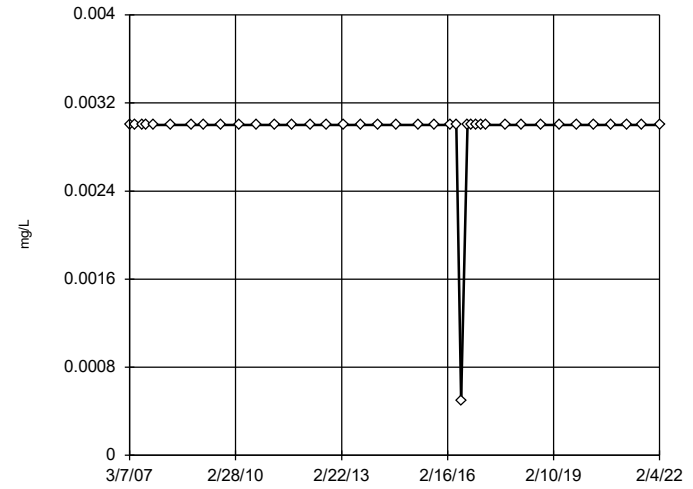
Tukey's Outlier Screening GWC-5



n = 39
 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: Antimony Analysis Run 3/24/2022 3:26 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

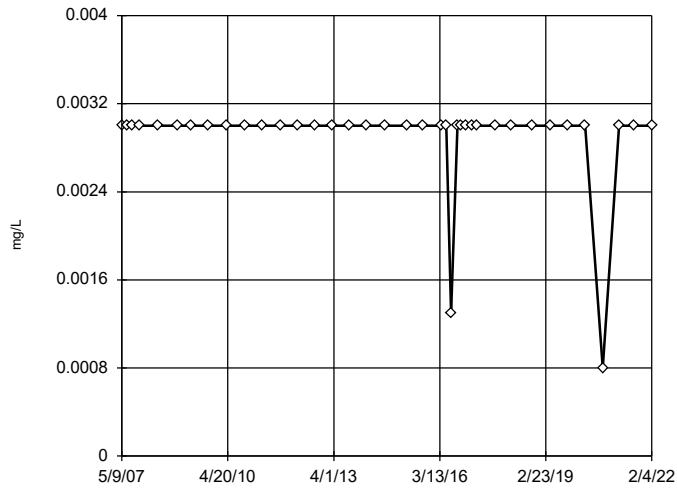
Tukey's Outlier Screening GWC-6



n = 39
 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 3/24/2022 3:26 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

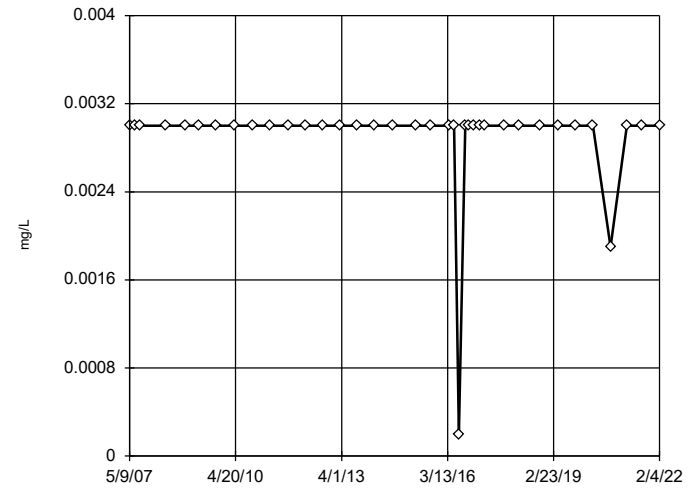
Tukey's Outlier Screening GWC-7



n = 38
 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: Antimony Analysis Run 3/24/2022 3:26 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

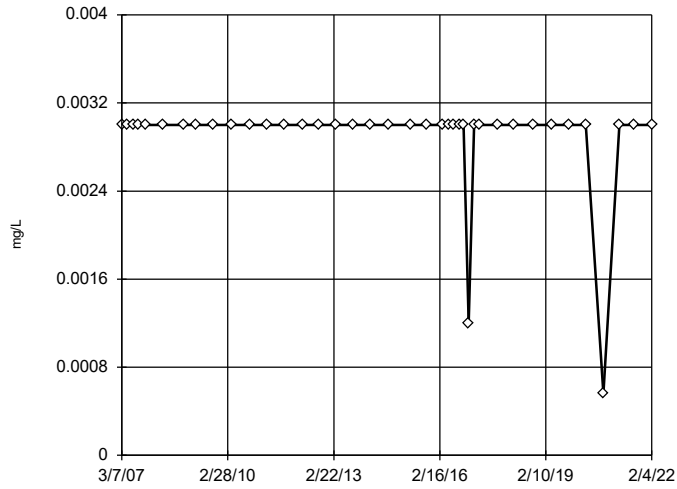
Tukey's Outlier Screening GWC-8



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: Antimony Analysis Run 3/24/2022 3:26 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

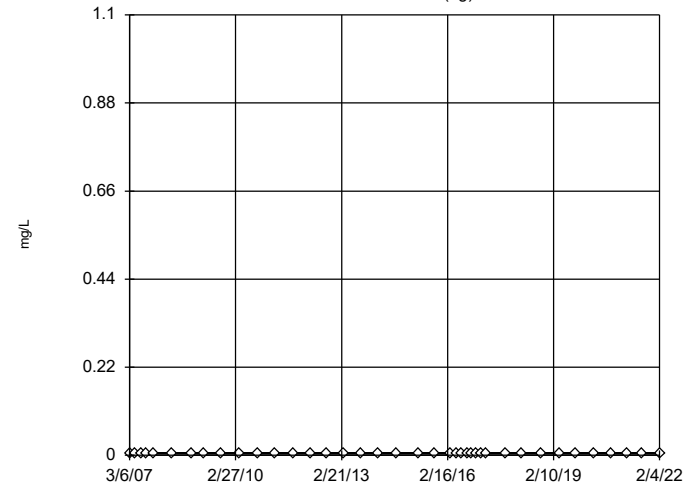
Tukey's Outlier Screening GWC-9



n = 39
 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: Antimony Analysis Run 3/24/2022 3:26 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

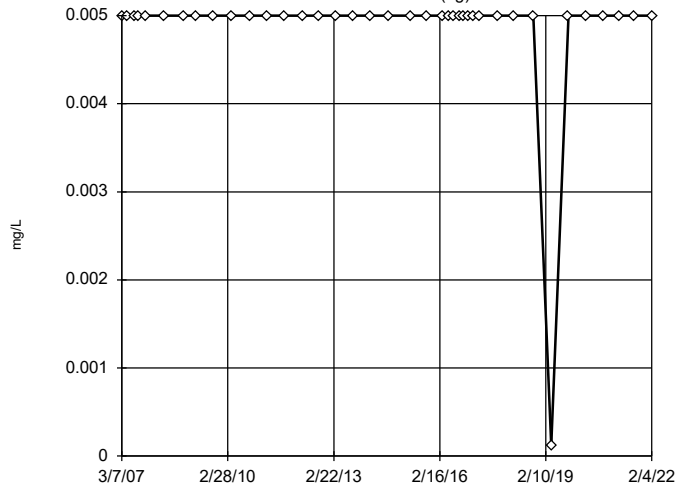
Tukey's Outlier Screening GWA-1 (bg)



n = 39
 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 3/24/2022 3:26 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

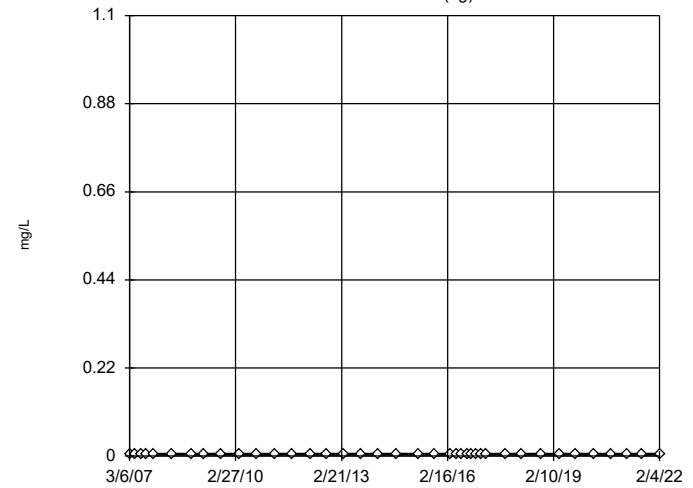
Tukey's Outlier Screening GWA-11 (bg)



n = 39
 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 3/24/2022 3:26 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

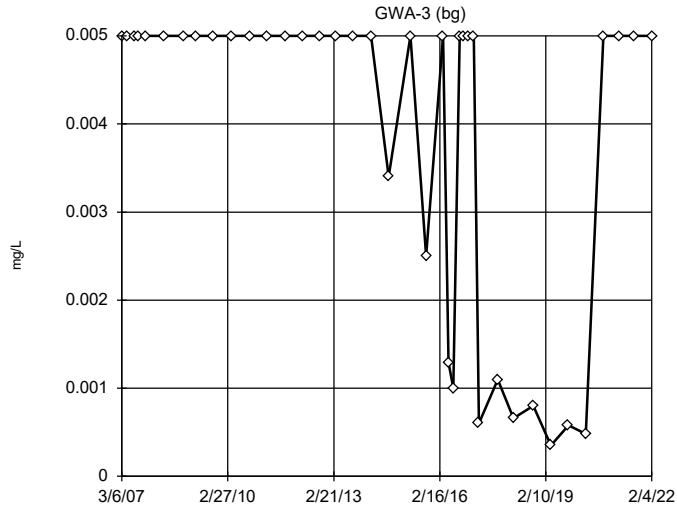
Tukey's Outlier Screening GWA-2 (bg)



n = 39
 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 3/24/2022 3:26 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

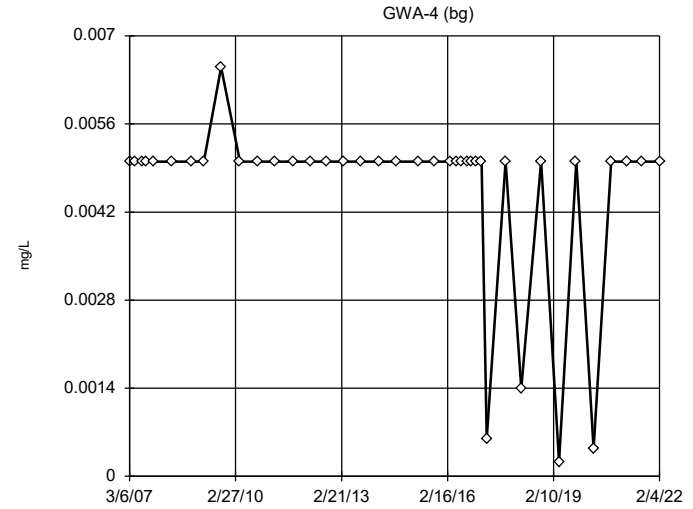
Tukey's Outlier Screening



n = 39
 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 = 0.04, low cutoff = 0.0003125, based on IQR multiplier of 3.

Constituent: Arsenic Analysis Run 3/24/2022 3:26 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

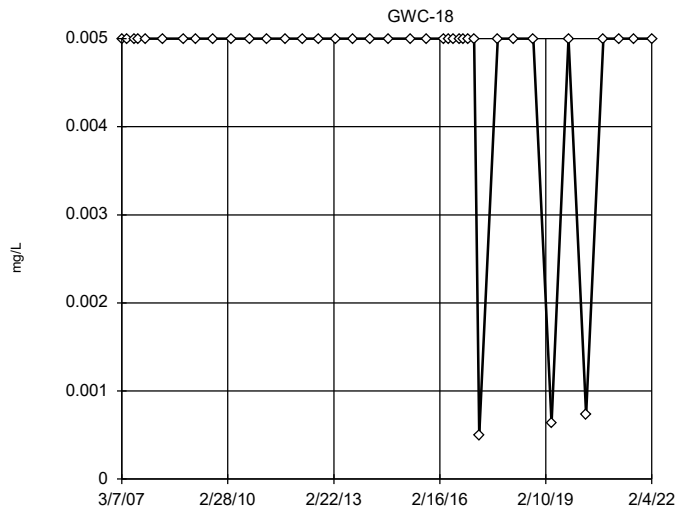
Tukey's Outlier Screening



n = 39
 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: Arsenic Analysis Run 3/24/2022 3:26 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

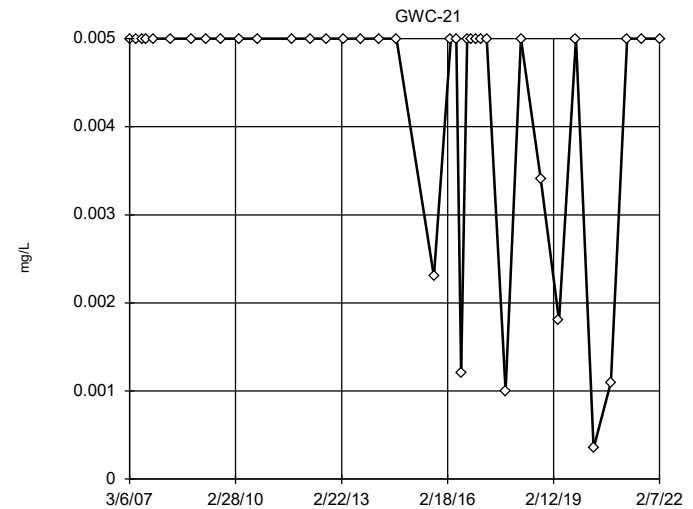
Tukey's Outlier Screening



n = 39
 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 3/24/2022 3:26 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

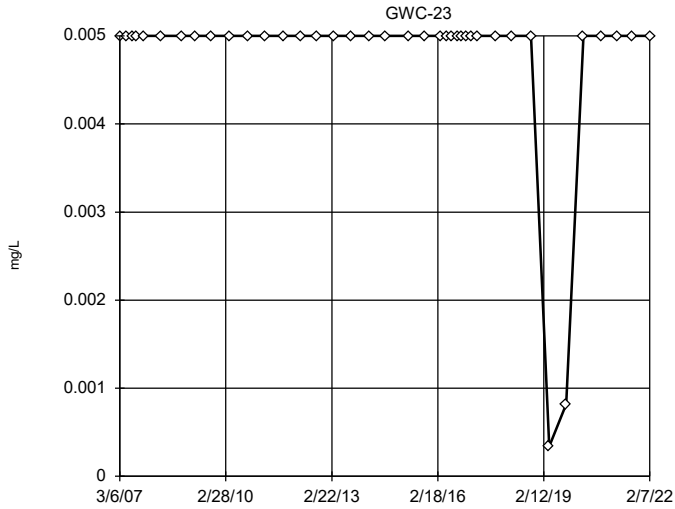
Tukey's Outlier Screening



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: Arsenic Analysis Run 3/24/2022 3:26 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

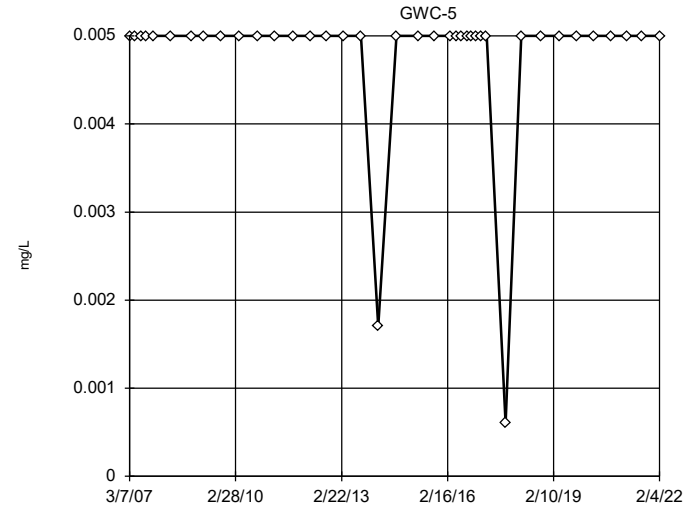
Tukey's Outlier Screening



n = 39
 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 3/24/2022 3:26 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

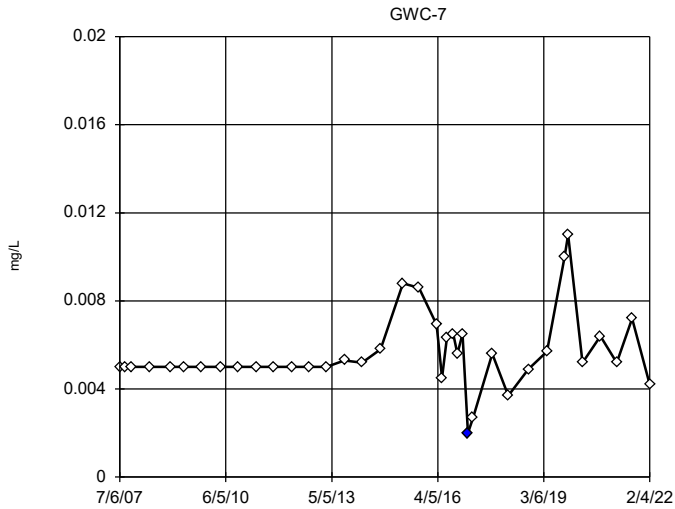
Tukey's Outlier Screening



n = 39
 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 3/24/2022 3:26 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

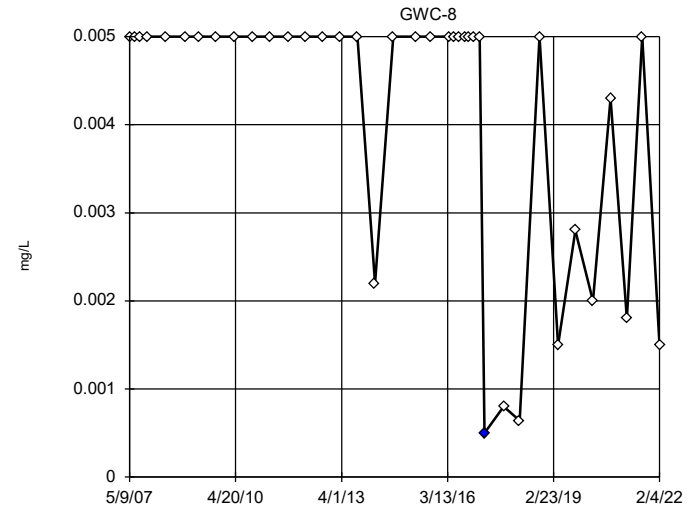
Tukey's Outlier Screening



n = 38
 Outlier is 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 = 0.01181,
 low cutoff = 0.00212,
 based on IQR multiplier of 3.

Constituent: Arsenic Analysis Run 3/24/2022 3:26 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

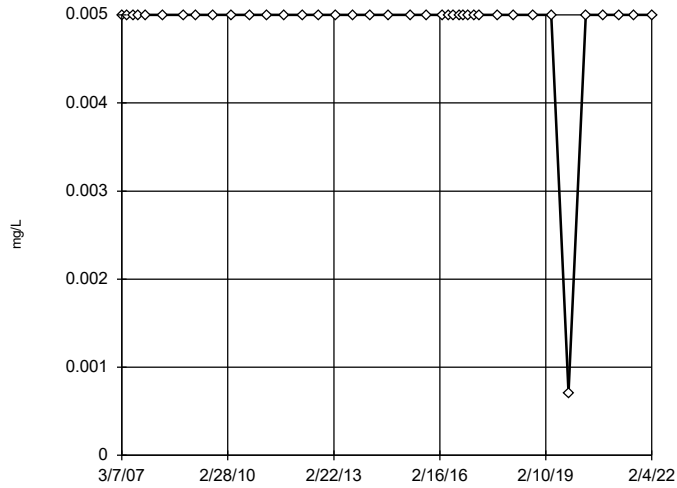


n = 38
 Outlier is drawn as solid.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.01105,
 low cutoff = 0.0006174,
 based on IQR multiplier of 3.

Constituent: Arsenic Analysis Run 3/24/2022 3:26 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-9

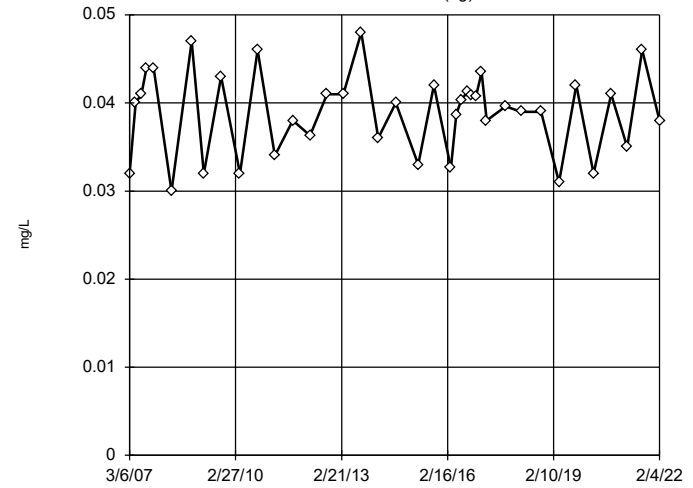


n = 39
 No outliers found.
 Tukey's method selected by user.
 Data were cube root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 3/24/2022 3:26 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWA-1 (bg)

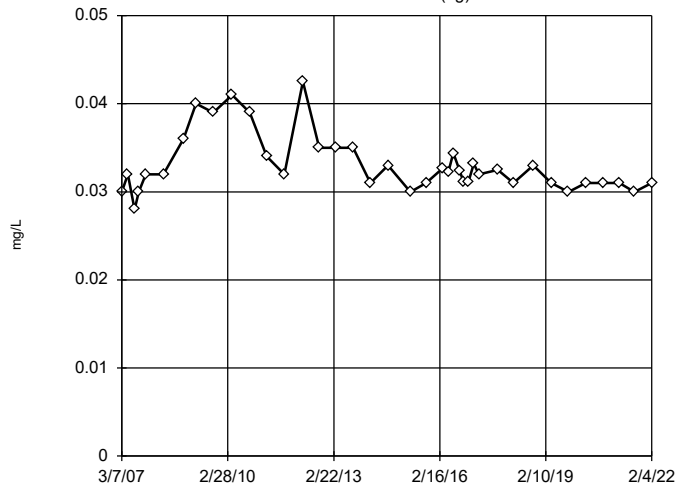


n = 39
 No outliers found.
 Tukey's method selected by user.
 Data were square transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.05815,
 low cutoff = -0.0198,
 based on IQR multiplier of 3.

Constituent: Barium Analysis Run 3/24/2022 3:26 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWA-11 (bg)

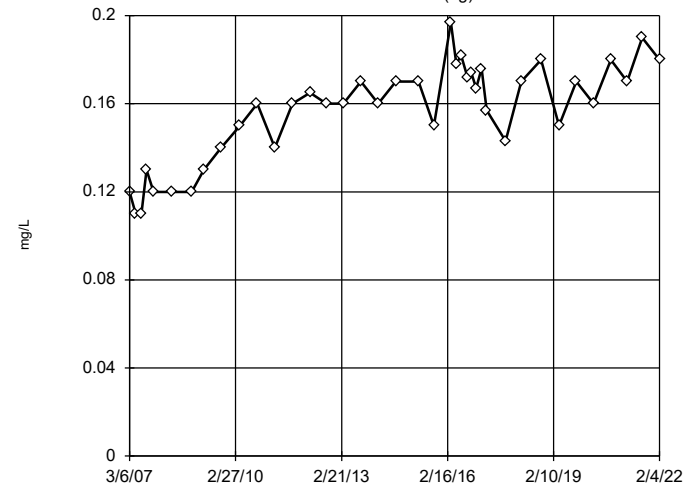


n = 39
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.04701,
 low cutoff = 0.02269,
 based on IQR multiplier of 3.

Constituent: Barium Analysis Run 3/24/2022 3:26 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWA-2 (bg)



n = 39
 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 = 0.2201,
 low cutoff = -0.1817,
 based on IQR multiplier of 3.

Constituent: Barium Analysis Run 3/24/2022 3:26 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

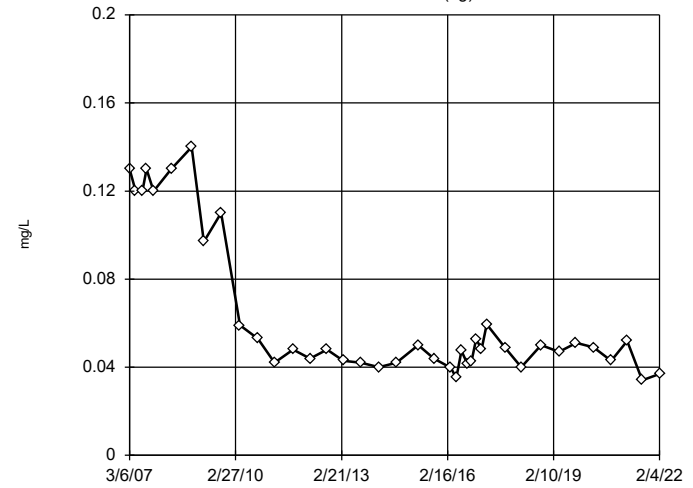
Tukey's Outlier Screening GWA-3 (bg)



n = 39
 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 = 0.2874,
 low cutoff = -0.1662,
 based on IQR multiplier of 3.

Constituent: Barium Analysis Run 3/24/2022 3:26 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

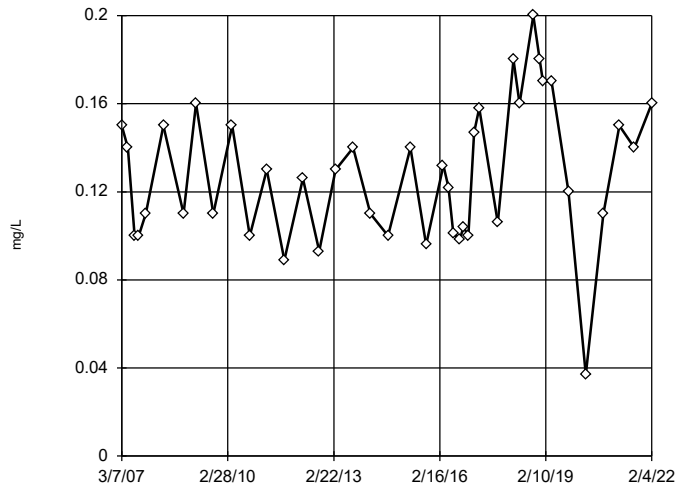
Tukey's Outlier Screening GWA-4 (bg)



n = 39
 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 = 0.1692,
 low cutoff = 0.01477,
 based on IQR multiplier of 3.

Constituent: Barium Analysis Run 3/24/2022 3:26 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

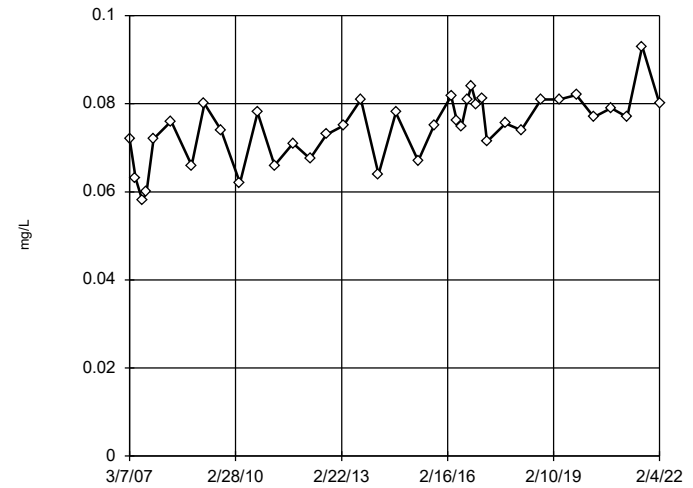
Tukey's Outlier Screening GWC-10



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 = 0.2985,
 low cutoff = -0.048,
 based on IQR multiplier of 3.

Constituent: Barium Analysis Run 3/24/2022 3:26 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

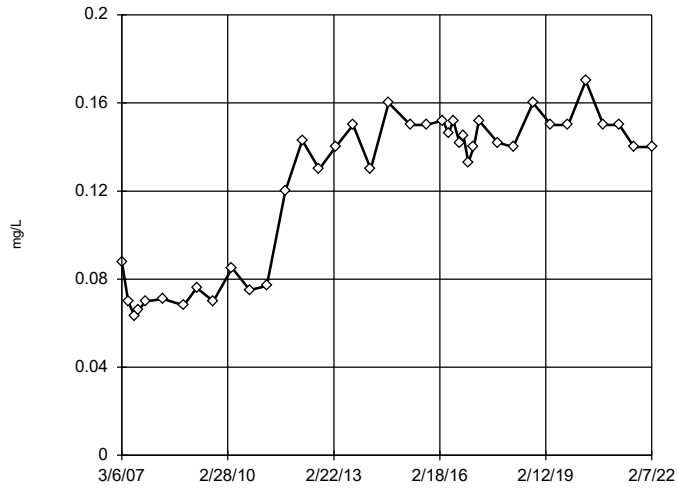
Tukey's Outlier Screening GWC-18



n = 39
 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 = 0.1024,
 low cutoff = 0.03105,
 based on IQR multiplier of 3.

Constituent: Barium Analysis Run 3/24/2022 3:26 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

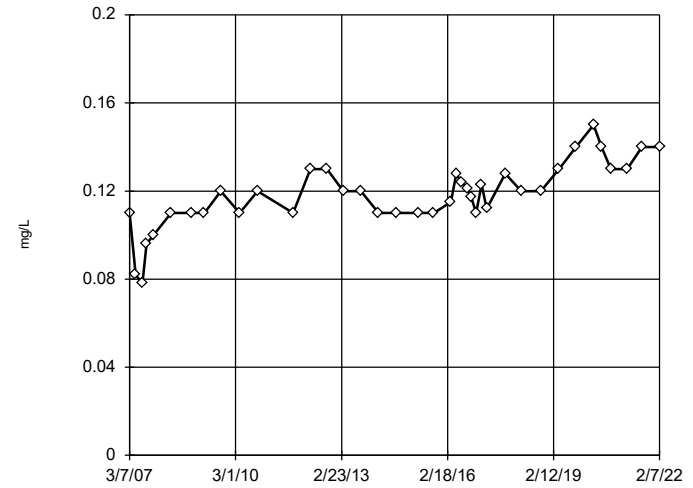
Tukey's Outlier Screening GWC-19



n = 39
 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 = 0.1886, low cutoff = -0.1794, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 3/24/2022 3:26 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

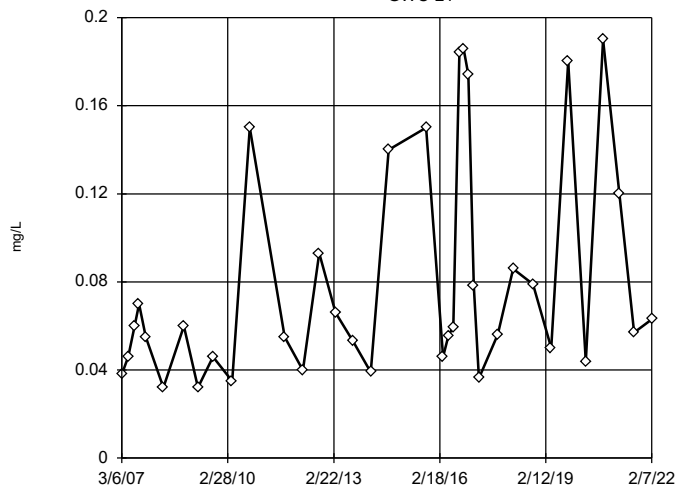
Tukey's Outlier Screening GWC-20



n = 39
 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 = 0.1769, low cutoff = -0.04796, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 3/24/2022 3:26 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

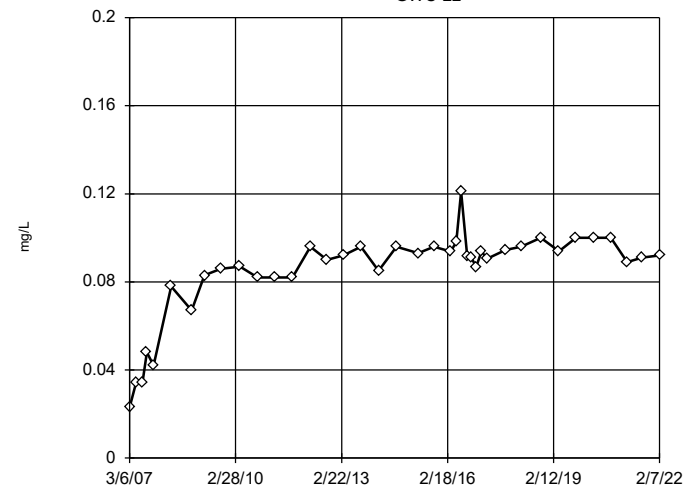
Tukey's Outlier Screening GWC-21



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 = 1.28, low cutoff = 0.003798, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 3/24/2022 3:26 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

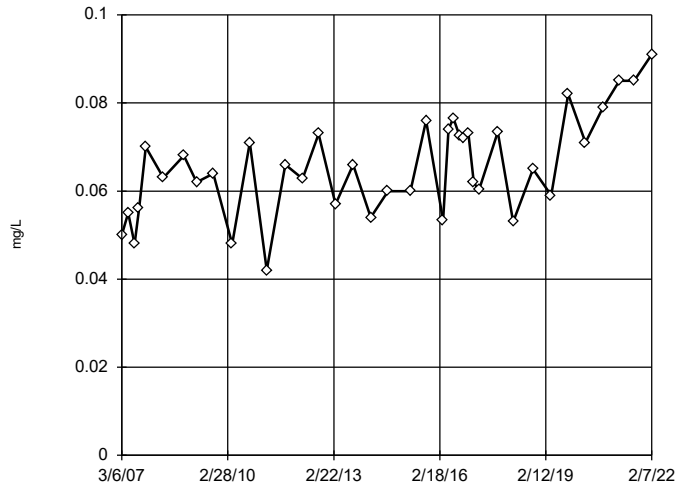
Tukey's Outlier Screening GWC-22



n = 39
 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 = 0.1235, low cutoff = -0.07656, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 3/24/2022 3:26 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

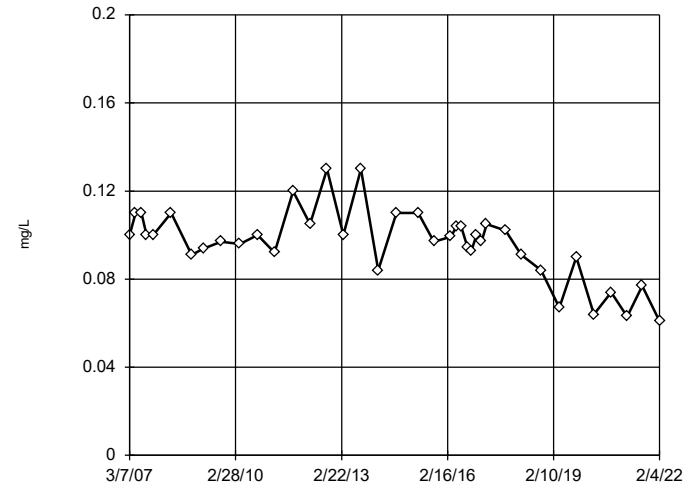
Tukey's Outlier Screening
GWC-23



n = 39
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 = 0.1339,
low cutoff = 0.02054,
based on IQR multiplier of 3.

Constituent: Barium Analysis Run 3/24/2022 3:26 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening
GWC-5



n = 39
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 = 0.1388,
low cutoff = 0.007,
based on IQR multiplier of 3.

Constituent: Barium Analysis Run 3/24/2022 3:26 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

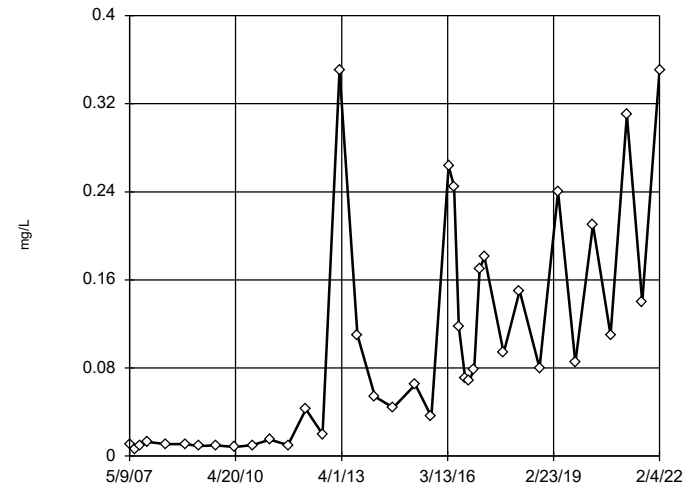
Tukey's Outlier Screening
GWC-6



n = 39
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 = 0.2762,
low cutoff = -0.1993,
based on IQR multiplier of 3.

Constituent: Barium Analysis Run 3/24/2022 3:26 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

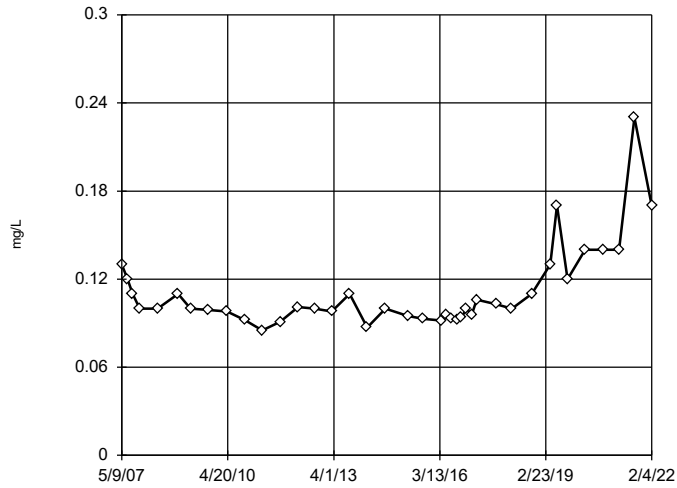
Tukey's Outlier Screening
GWC-7



n = 38
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 = 3.398,
low cutoff = -0.4025,
based on IQR multiplier of 3.

Constituent: Barium Analysis Run 3/24/2022 3:26 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

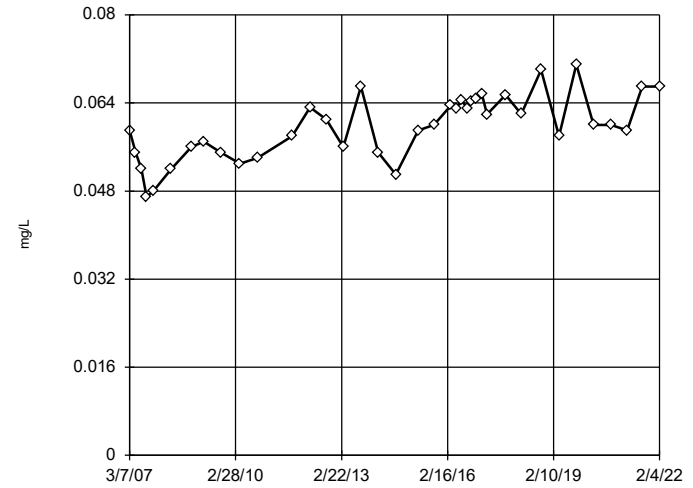
Tukey's Outlier Screening GWC-8



n = 39
 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 = 0.2419,
 low cutoff = 0.04714,
 based on IQR multiplier of 3.

Constituent: Barium Analysis Run 3/24/2022 3:26 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

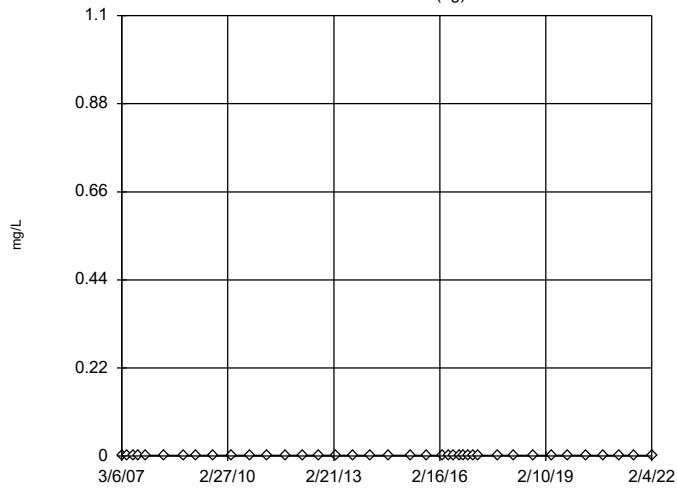
Tukey's Outlier Screening GWC-9



n = 38
 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 = 0.08698,
 low cutoff = -0.01951,
 based on IQR multiplier of 3.

Constituent: Barium Analysis Run 3/24/2022 3:26 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

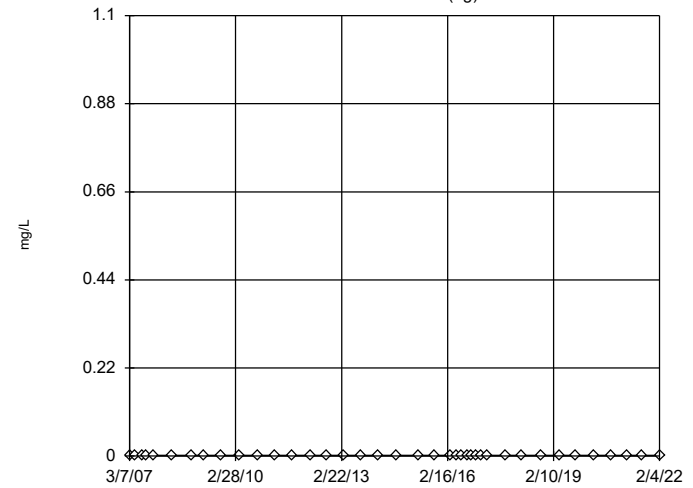
Tukey's Outlier Screening GWA-1 (bg)



n = 39
 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 3/24/2022 3:26 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

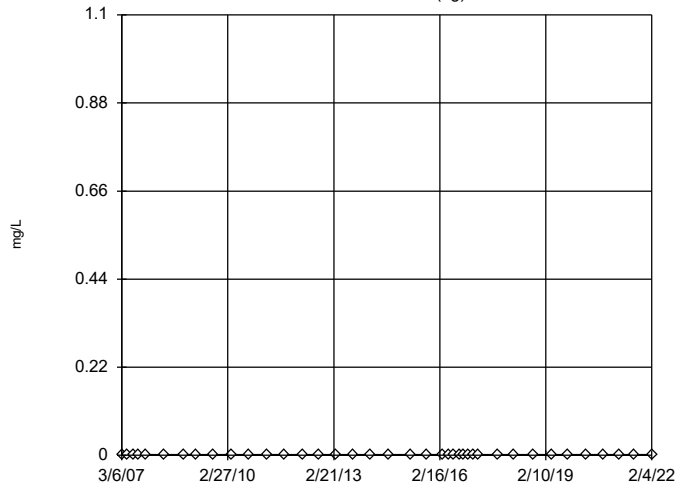
Tukey's Outlier Screening GWA-11 (bg)



n = 39
 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 3/24/2022 3:26 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

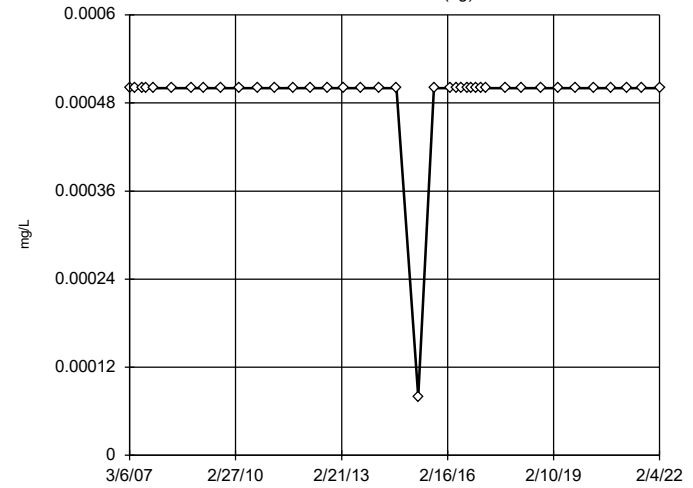
Tukey's Outlier Screening GWA-2 (bg)



n = 39
 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 3/24/2022 3:26 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

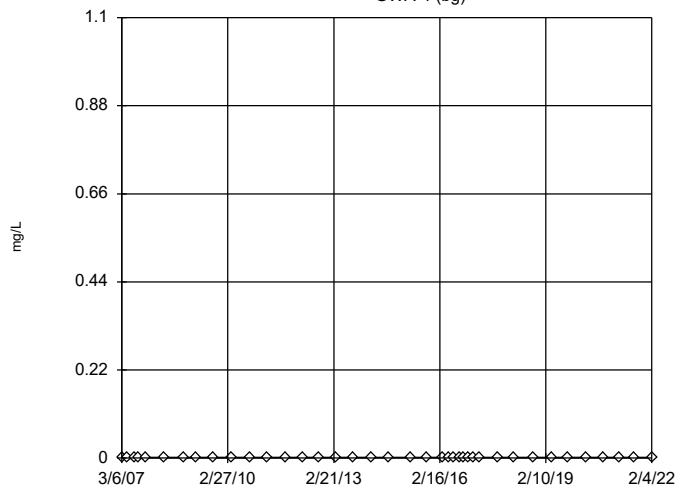
Tukey's Outlier Screening GWA-3 (bg)



n = 39
 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: Beryllium Analysis Run 3/24/2022 3:26 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

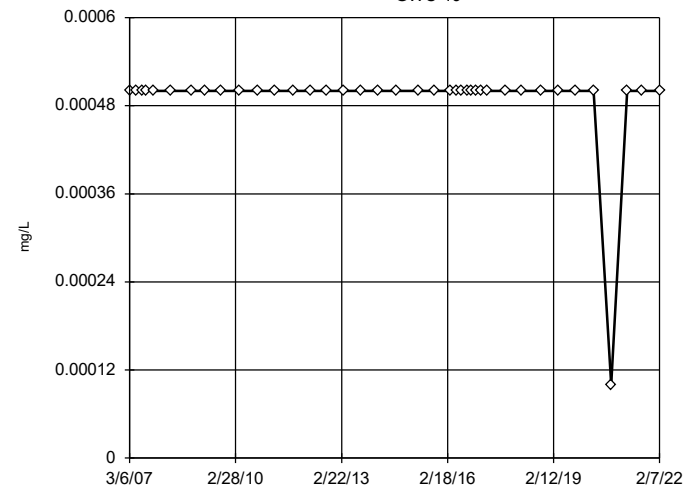
Tukey's Outlier Screening GWA-4 (bg)



n = 39
 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 3/24/2022 3:26 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

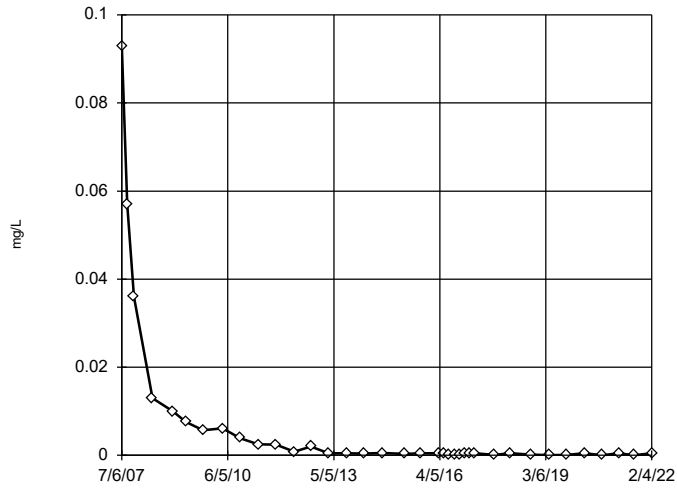
Tukey's Outlier Screening GWC-19



n = 39
 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: Beryllium Analysis Run 3/24/2022 3:26 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

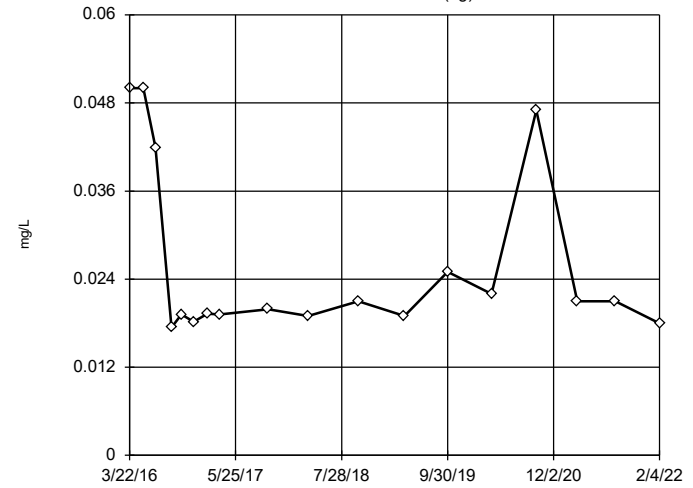
Tukey's Outlier Screening
GWC-7



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 = 6.468, low cutoff = 1.2e-7, based on IQR multiplier of 3.

Constituent: Beryllium Analysis Run 3/24/2022 3:26 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

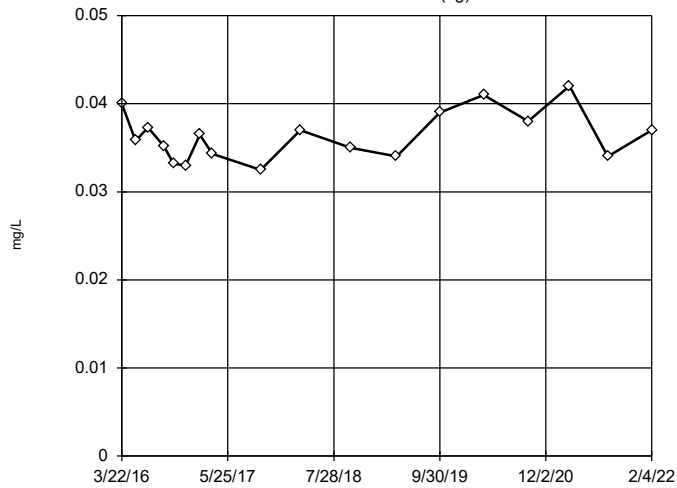
Tukey's Outlier Screening
GWA-1 (bg)



n = 18
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 = 0.16, low cutoff = 0.003844, based on IQR multiplier of 3.

Constituent: Boron Analysis Run 3/24/2022 3:26 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

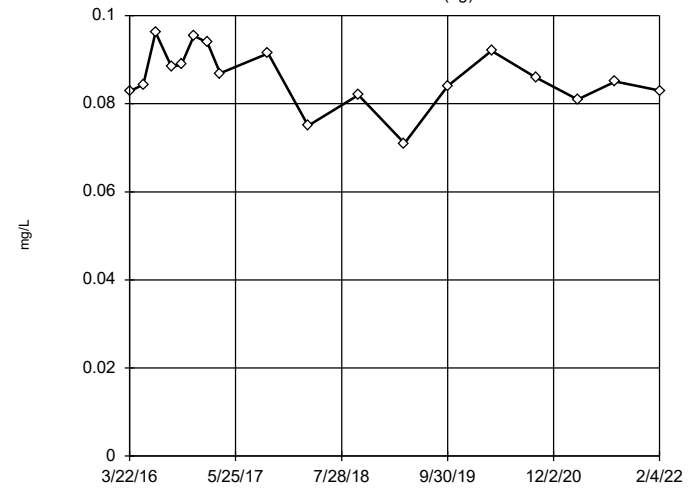
Tukey's Outlier Screening
GWA-11 (bg)



n = 18
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 = 0.05588, low cutoff = 0.02342, based on IQR multiplier of 3.

Constituent: Boron Analysis Run 3/24/2022 3:26 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

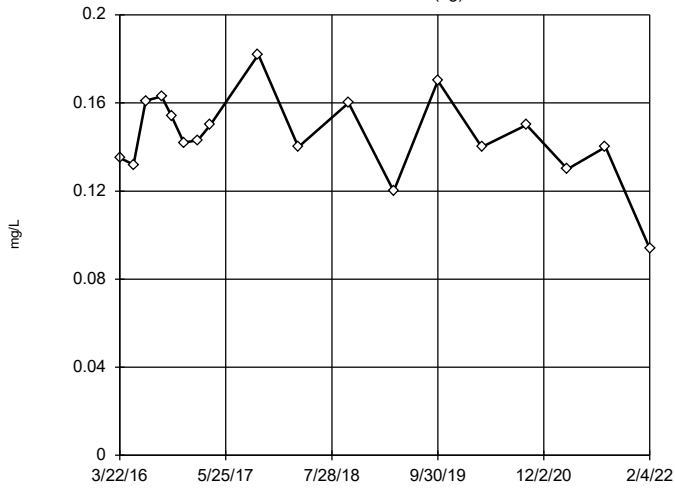
Tukey's Outlier Screening
GWA-2 (bg)



n = 18
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 = 0.112, low cutoff = -0.04223, based on IQR multiplier of 3.

Constituent: Boron Analysis Run 3/24/2022 3:26 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

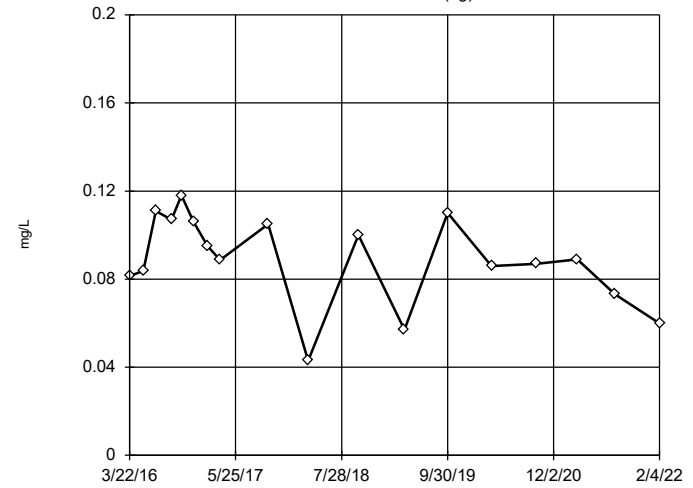
Tukey's Outlier Screening
GWA-3 (bg)



n = 18
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 = 0.2226,
low cutoff = -0.07735,
based on IQR multiplier of 3.

Constituent: Boron Analysis Run 3/24/2022 3:26 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

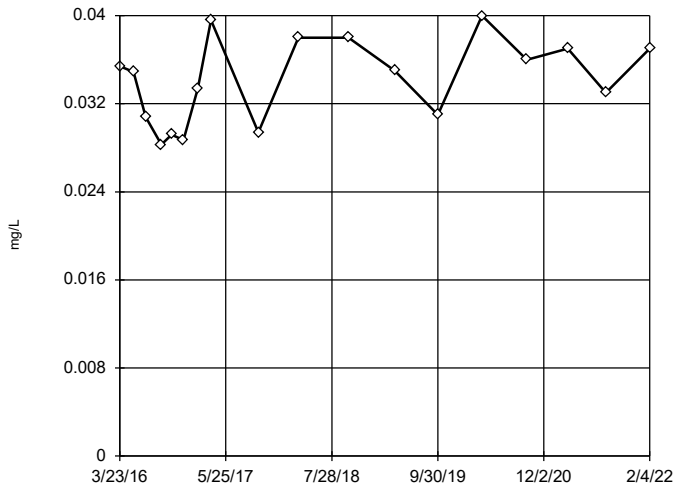
Tukey's Outlier Screening
GWA-4 (bg)



n = 18
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 = 0.1656,
low cutoff = -0.1004,
based on IQR multiplier of 3.

Constituent: Boron Analysis Run 3/24/2022 3:26 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

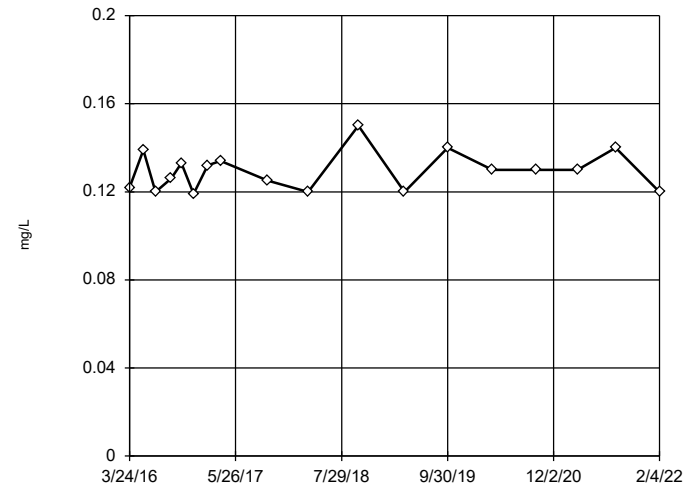
Tukey's Outlier Screening
GWC-10



n = 18
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 = 0.05054,
low cutoff = -0.0366,
based on IQR multiplier of 3.

Constituent: Boron Analysis Run 3/24/2022 3:26 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening
GWC-18

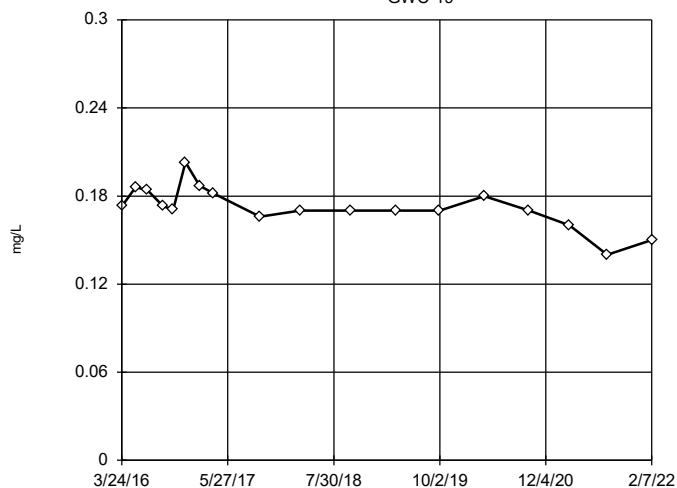


n = 18
No outliers found.
Tukey's method selected by user.
Data were natural log transformed to achieve best W statistic (graph shown in original units).
High cutoff = 0.2008,
low cutoff = 0.08157,
based on IQR multiplier of 3.

Constituent: Boron Analysis Run 3/24/2022 3:26 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

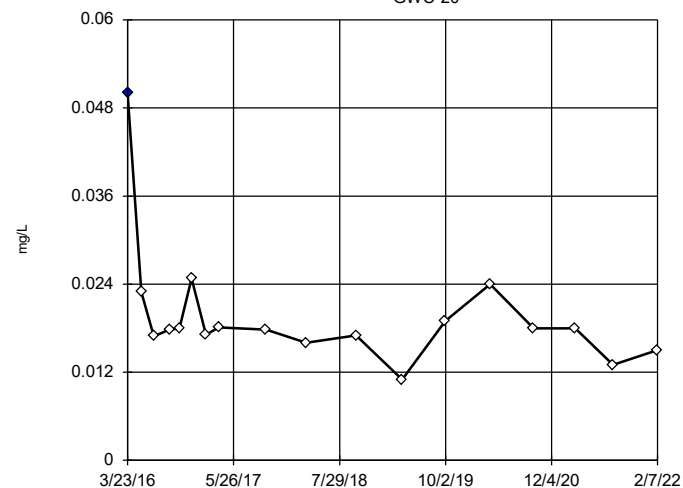
GWC-19



Constituent: Boron Analysis Run 3/24/2022 3:26 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

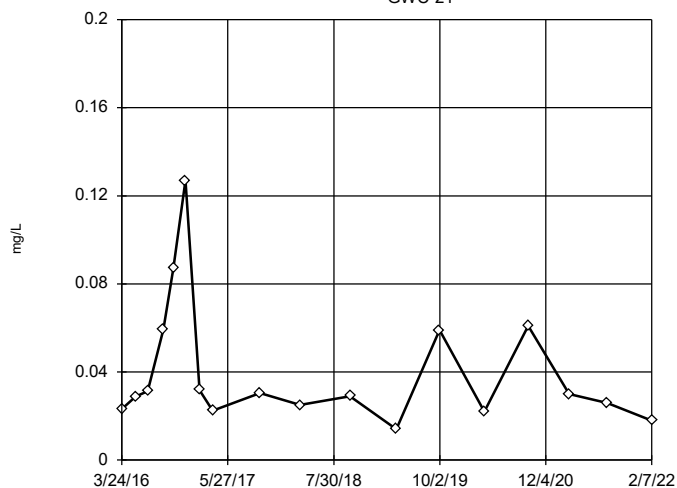
GWC-20



Constituent: Boron Analysis Run 3/24/2022 3:26 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

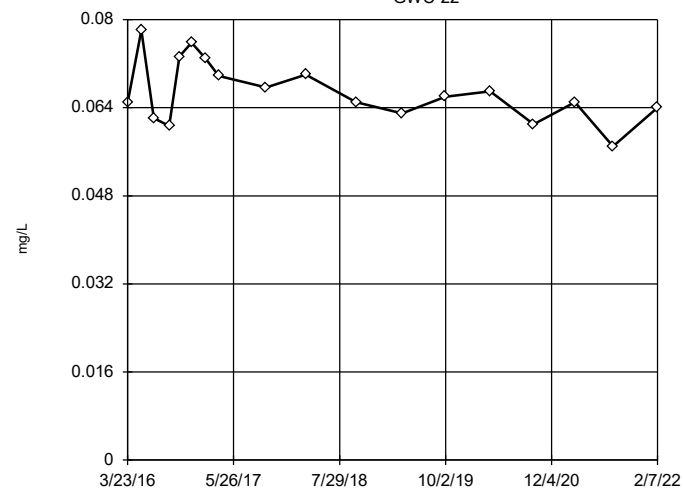
GWC-21



Constituent: Boron Analysis Run 3/24/2022 3:26 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

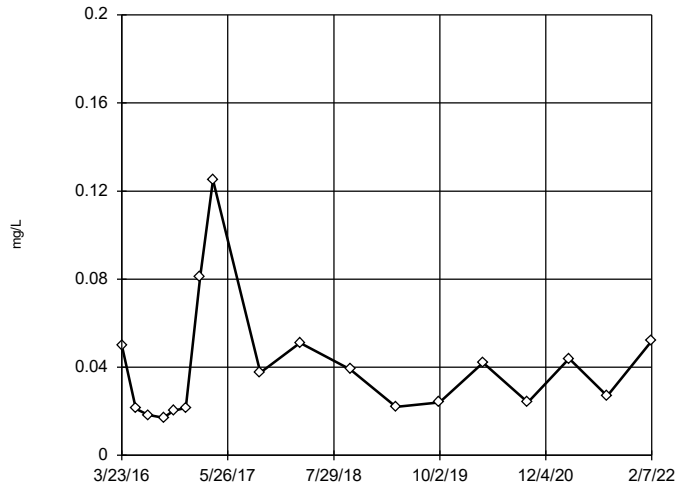
Tukey's Outlier Screening

GWC-22



Constituent: Boron Analysis Run 3/24/2022 3:26 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

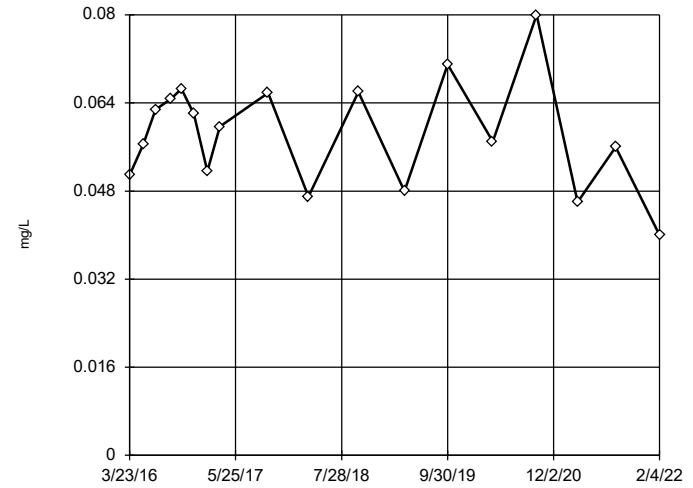
Tukey's Outlier Screening GWC-23



n = 18
 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 3/24/2022 3:27 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

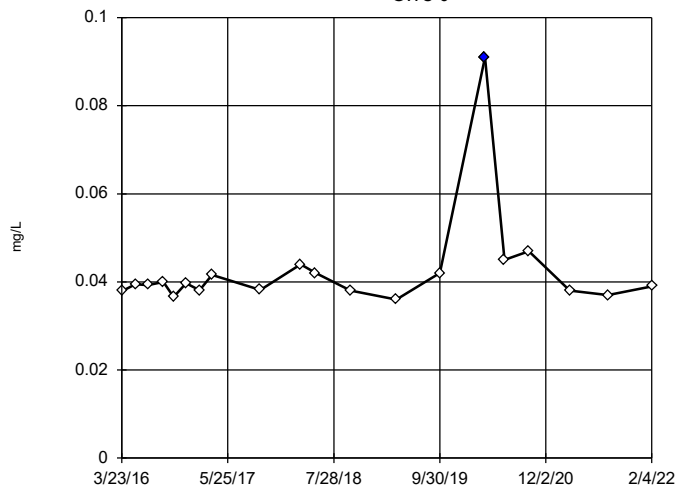
Tukey's Outlier Screening GWC-5



n = 18
 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 = 0.1294,
 low cutoff = 0.01423,
 based on IQR multiplier of 3.

Constituent: Boron Analysis Run 3/24/2022 3:27 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

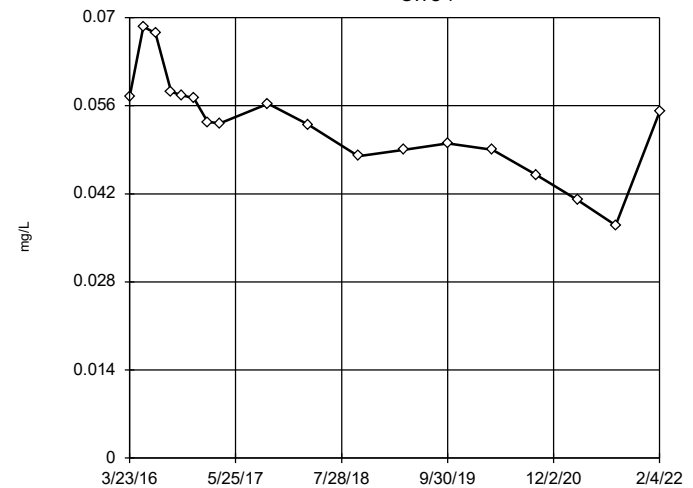
Tukey's Outlier Screening GWC-6



n = 20
 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 3/24/2022 3:27 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening GWC-7

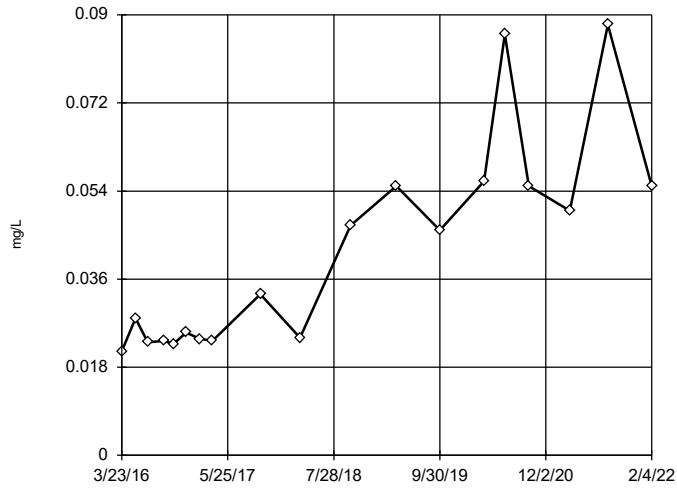


n = 18
 No outliers found.
 Tukey's method selected by user.
 Ladder of Powers transformations did not improve normality; analysis run on raw data.
 High cutoff = 0.0847,
 low cutoff = 0.02135,
 based on IQR multiplier of 3.

Constituent: Boron Analysis Run 3/24/2022 3:27 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-8

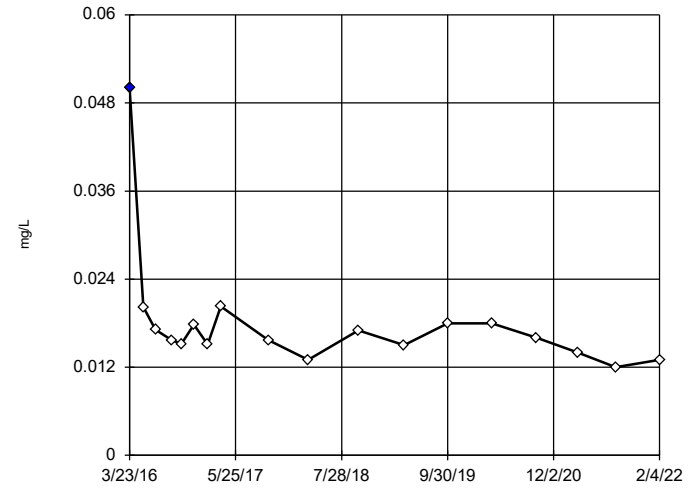


n = 19
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.7142, low cutoff = 0.001802, based on IQR multiplier of 3.

Constituent: Boron Analysis Run 3/24/2022 3:27 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-9

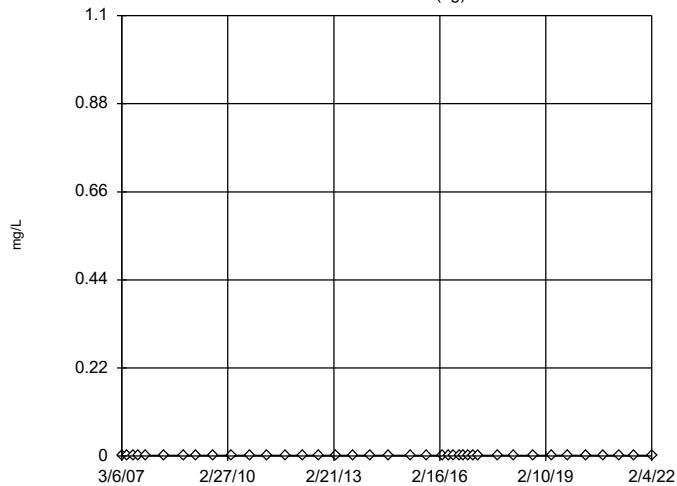


n = 18
 Outlier is drawn as solid. Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.0345, low cutoff = 0.007562, based on IQR multiplier of 3.

Constituent: Boron Analysis Run 3/24/2022 3:27 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWA-1 (bg)

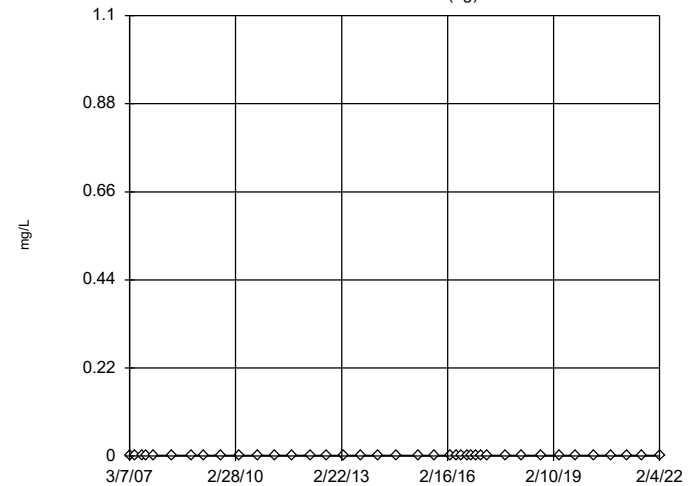


n = 39
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cadmium Analysis Run 3/24/2022 3:27 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

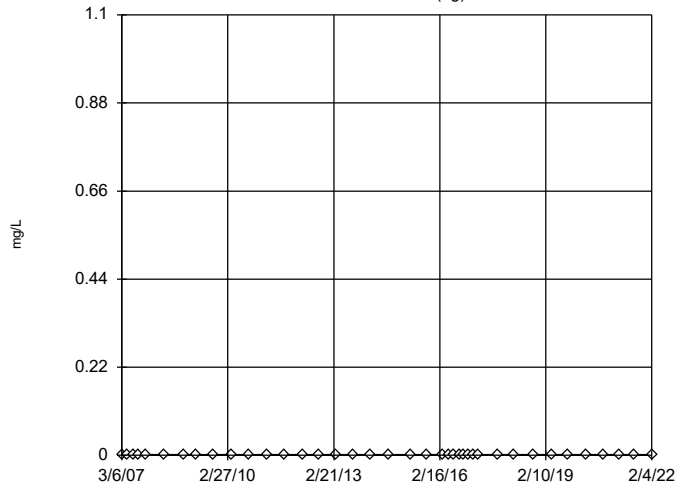
GWA-11 (bg)



n = 39
 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 3/24/2022 3:27 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

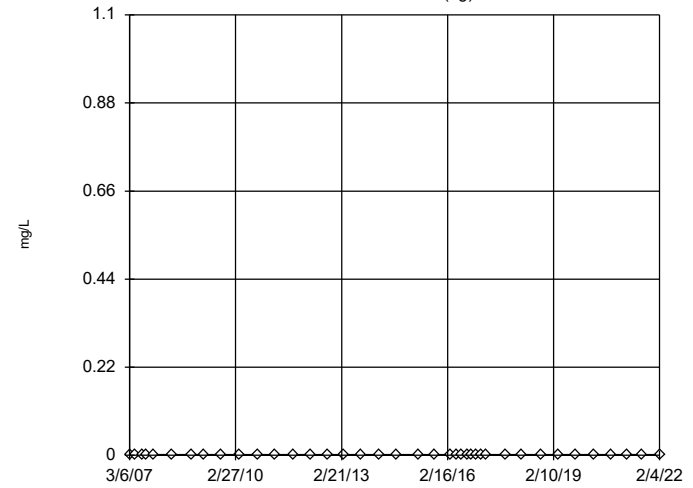
Tukey's Outlier Screening GWA-2 (bg)



n = 39
 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 3/24/2022 3:27 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

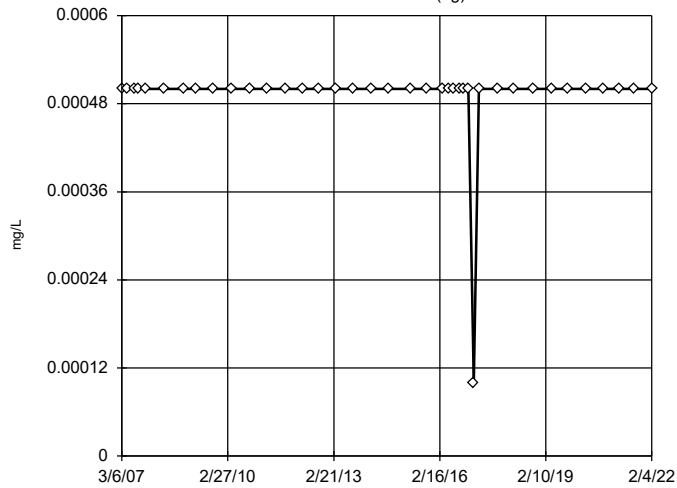
Tukey's Outlier Screening GWA-3 (bg)



n = 39
 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 3/24/2022 3:27 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

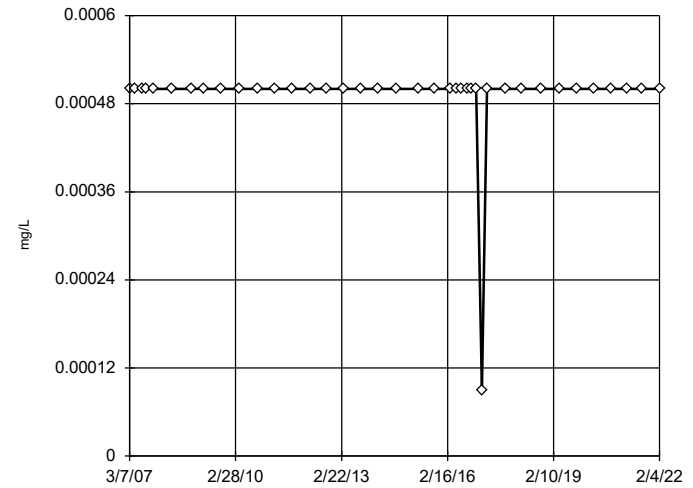
Tukey's Outlier Screening GWA-4 (bg)



n = 39
 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 3/24/2022 3:27 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

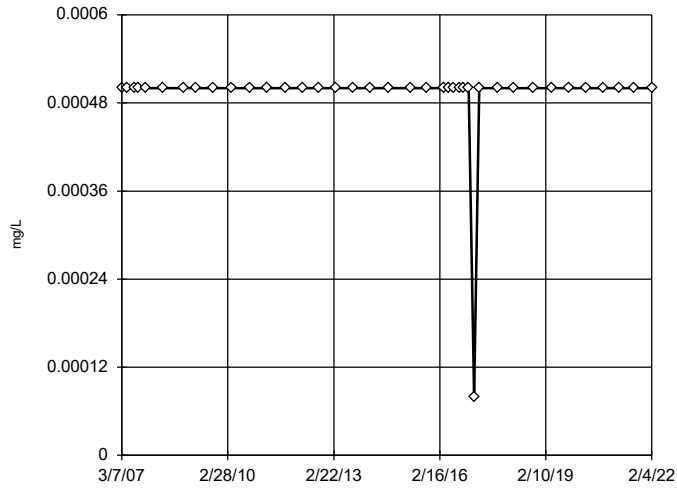
Tukey's Outlier Screening GWC-10



n = 39
 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: Cadmium Analysis Run 3/24/2022 3:27 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

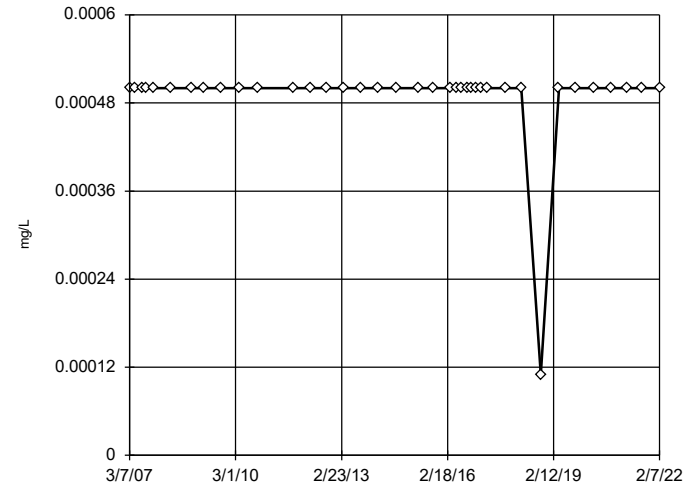
Tukey's Outlier Screening GWC-18



n = 39
 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 3/24/2022 3:27 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

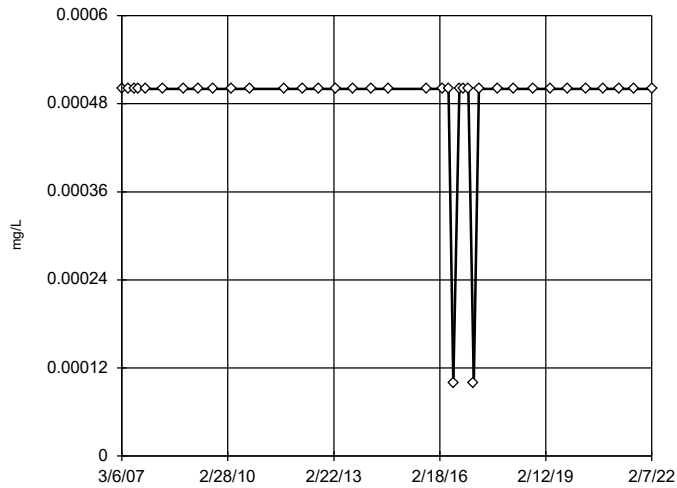
Tukey's Outlier Screening GWC-20



n = 38
 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 3/24/2022 3:27 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

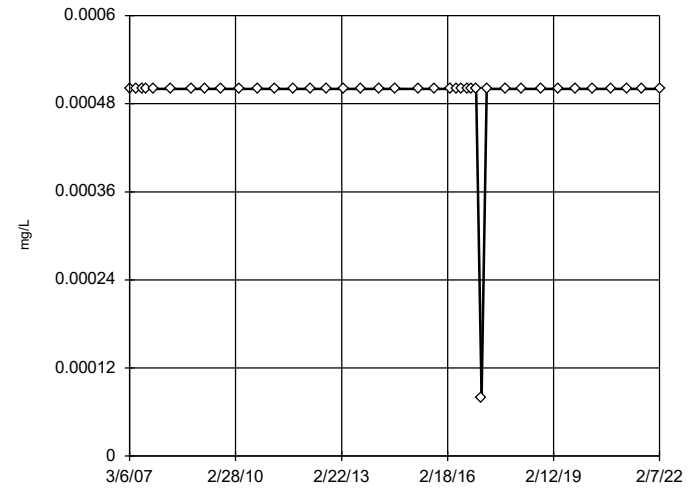
Tukey's Outlier Screening GWC-21



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: Cadmium Analysis Run 3/24/2022 3:27 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

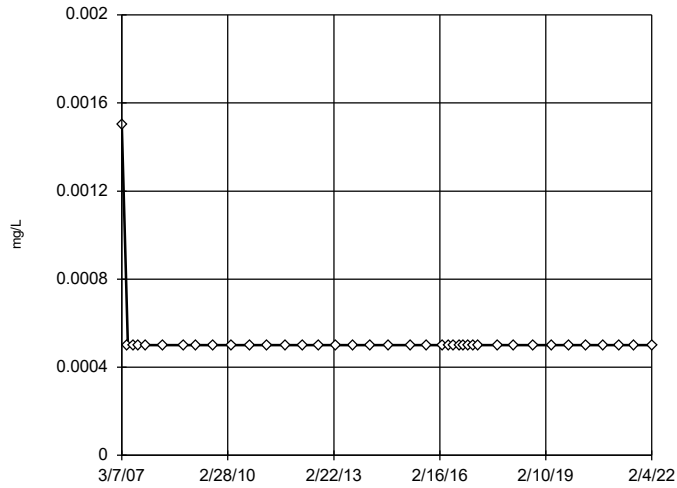
Tukey's Outlier Screening GWC-23



n = 39
 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 3/24/2022 3:27 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

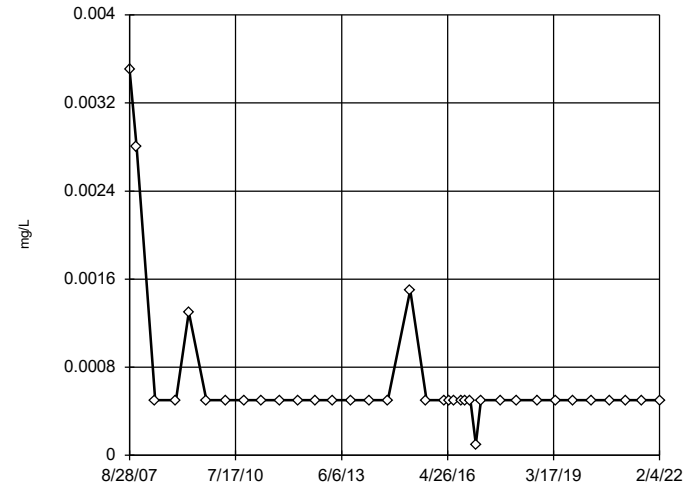
Tukey's Outlier Screening GWC-5



n = 39
No outliers found.
Tukey's method selected by user.
Data were x^5 transformed to achieve best W statistic (graph shown in original units).
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cadmium Analysis Run 3/24/2022 3:27 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

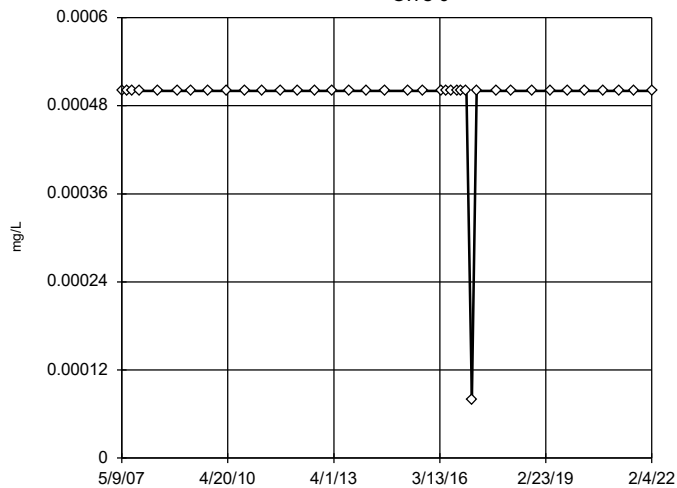
Tukey's Outlier Screening GWC-7



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: Cadmium Analysis Run 3/24/2022 3:27 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

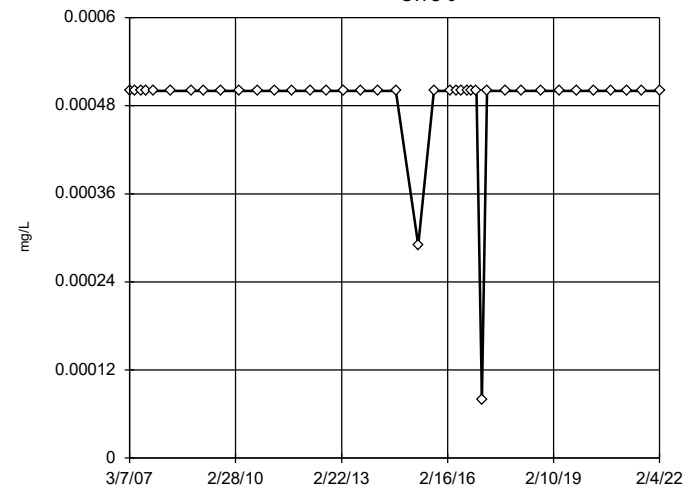
Tukey's Outlier Screening GWC-8



n = 38
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 3/24/2022 3:27 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

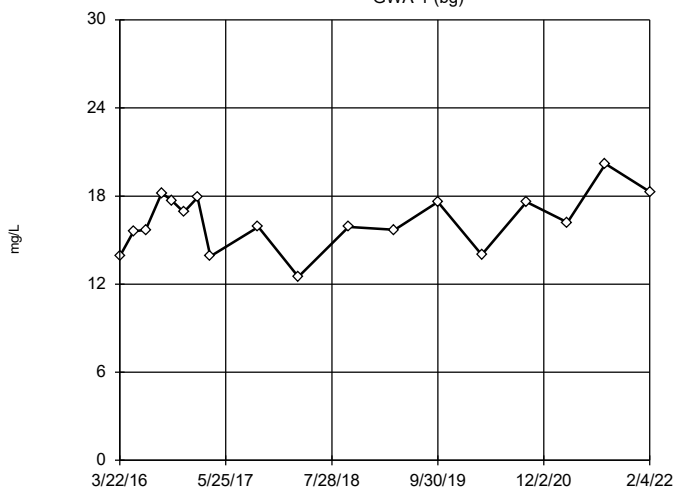
Tukey's Outlier Screening GWC-9



n = 39
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 3/24/2022 3:27 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening
GWA-1 (bg)



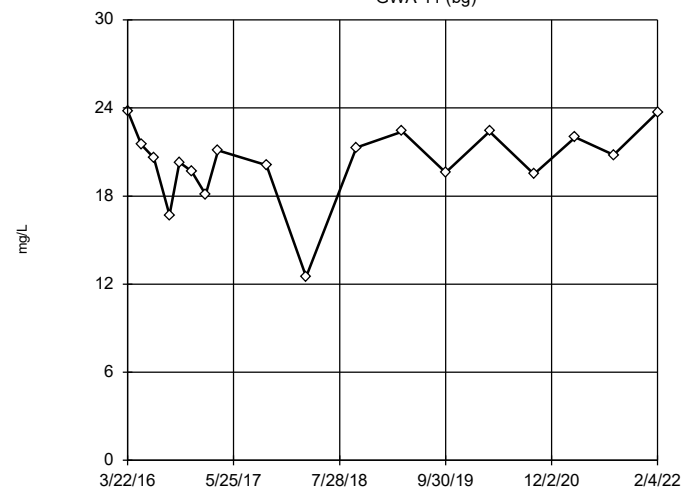
n = 18
No outliers found.
Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 26.8, low cutoff = 5.8, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 3/24/2022 3:27 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening
GWA-11 (bg)



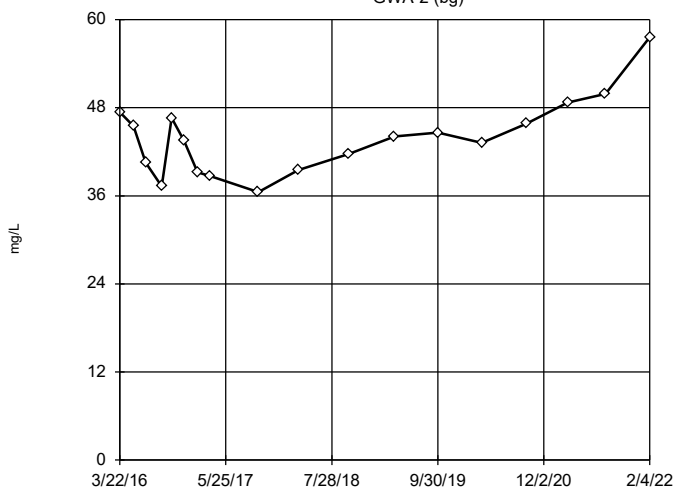
n = 18
No outliers found.
Tukey's method selected by user.

Data were x^4 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 27.03, low cutoff = -19.5, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 3/24/2022 3:27 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening
GWA-2 (bg)



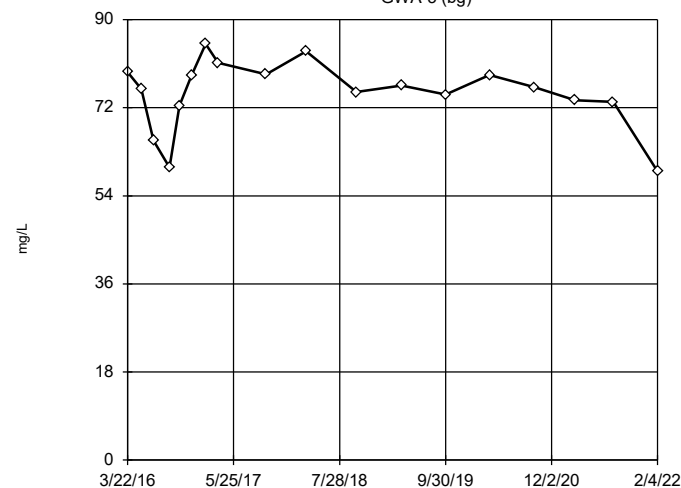
n = 18
No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 80.08, low cutoff = 23.1, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 3/24/2022 3:27 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening
GWA-3 (bg)



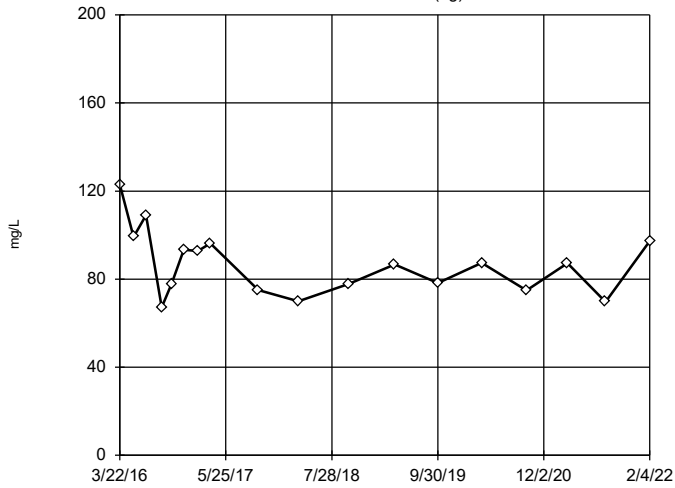
n = 18
No outliers found.
Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 89.94, low cutoff = -71.75, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 3/24/2022 3:27 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

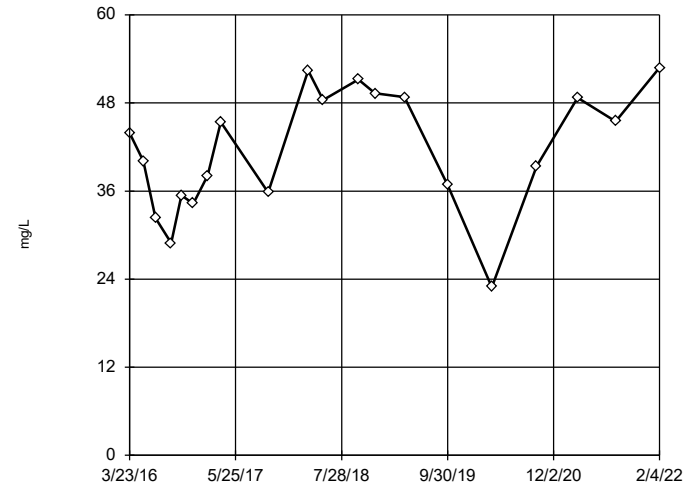
Tukey's Outlier Screening
GWA-4 (bg)



n = 18
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 = 208.1, low cutoff = 34.88, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 3/24/2022 3:27 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

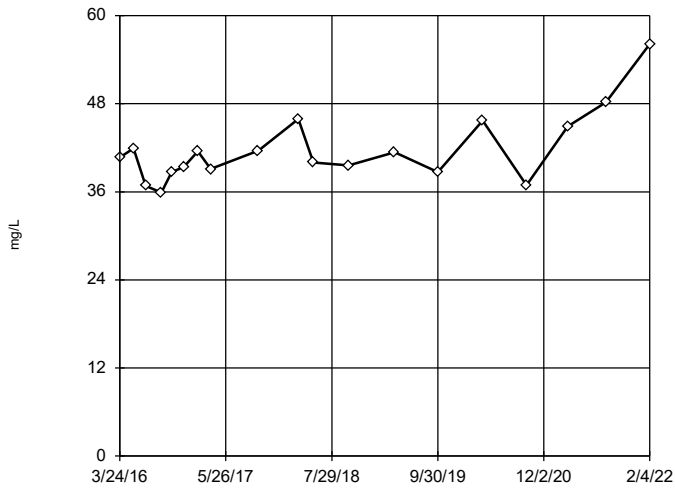
Tukey's Outlier Screening
GWC-10



n = 20
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 = 75.53, low cutoff = -45.39, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 3/24/2022 3:27 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

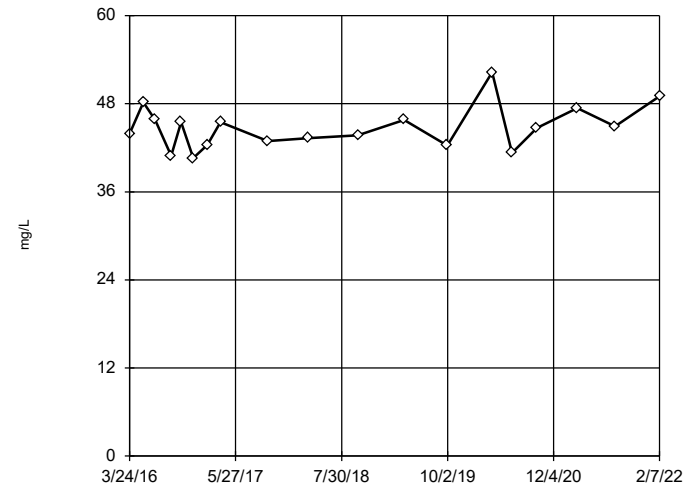
Tukey's Outlier Screening
GWC-18



n = 19
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 = 70.12, low cutoff = 24.78, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 3/24/2022 3:27 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

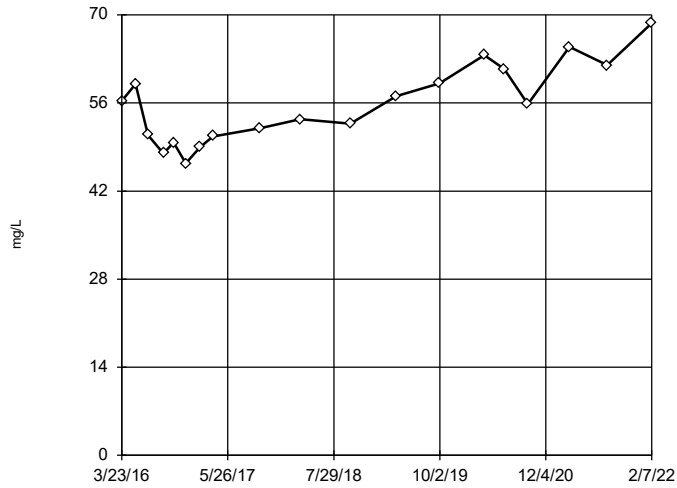
Tukey's Outlier Screening
GWC-19



n = 19
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 = 57.73, low cutoff = 33.64, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 3/24/2022 3:27 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

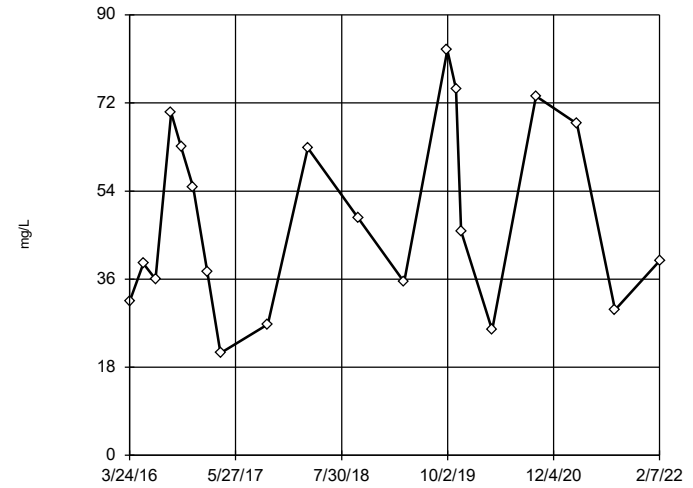
Tukey's Outlier Screening
GWC-20



n = 19
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 = 109.1, low cutoff = 28.54, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 3/24/2022 3:27 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

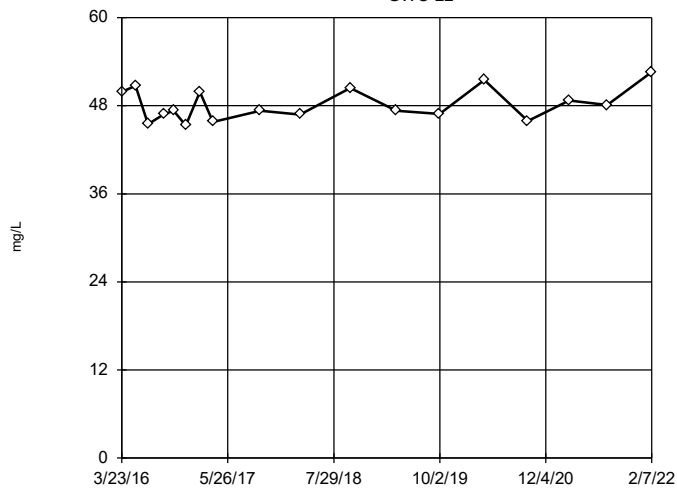
Tukey's Outlier Screening
GWC-21



n = 20
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 = 492.3, low cutoff = 4.426, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 3/24/2022 3:27 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening
GWC-22



n = 18
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 3/24/2022 3:27 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

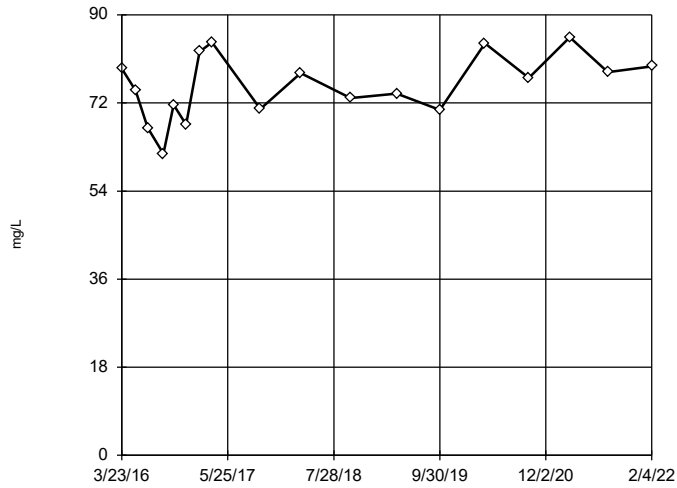
Tukey's Outlier Screening
GWC-23



n = 18
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 = 86.83, low cutoff = 16.91, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 3/24/2022 3:27 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

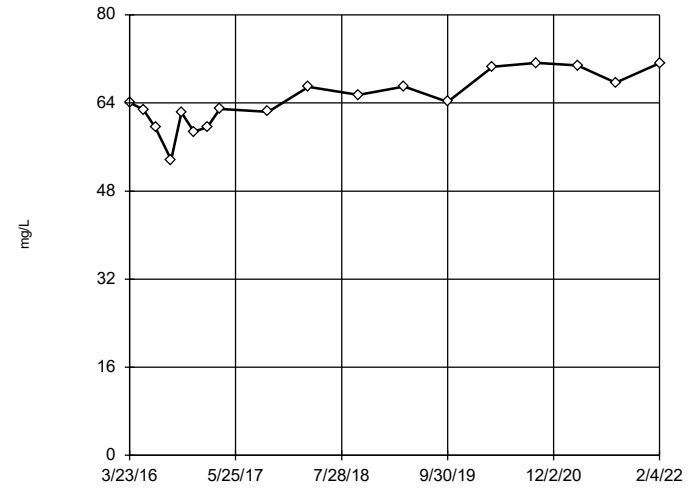
Tukey's Outlier Screening GWC-5



n = 18
 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 = 106.1, low cutoff = 17.44, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 3/24/2022 3:27 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

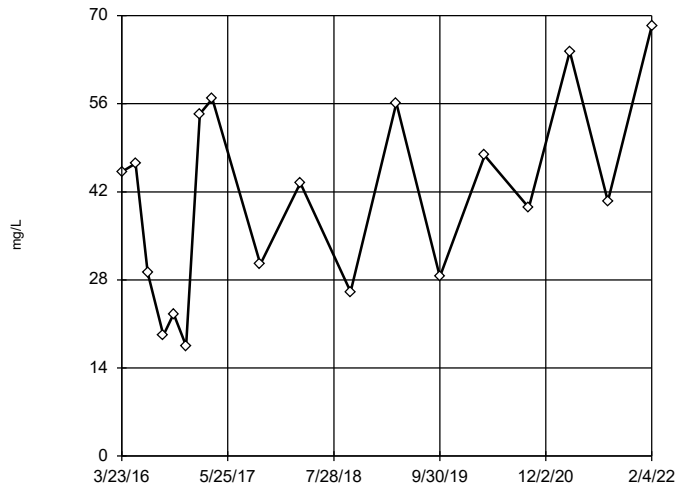
Tukey's Outlier Screening GWC-6



n = 18
 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 = 89.36, low cutoff = 22.7, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 3/24/2022 3:27 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

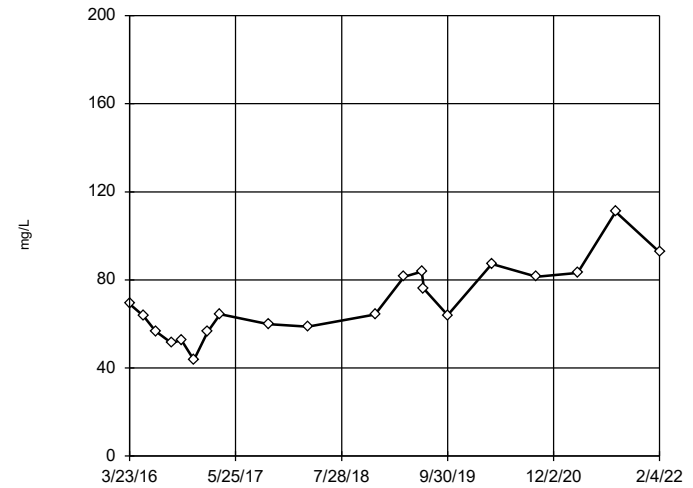
Tukey's Outlier Screening GWC-7



n = 18
 No outliers found.
 Tukey's method selected by user.
 Ladder of Powers transformations did not improve normality; analysis run on raw data.
 High cutoff = 139.1, low cutoff = -56.55, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 3/24/2022 3:27 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening GWC-8

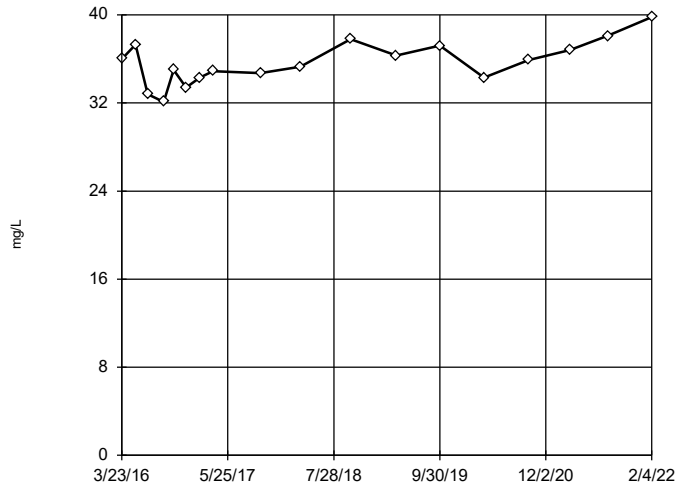


n = 20
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 238.2, low cutoff = 19.98, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 3/24/2022 3:27 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-9

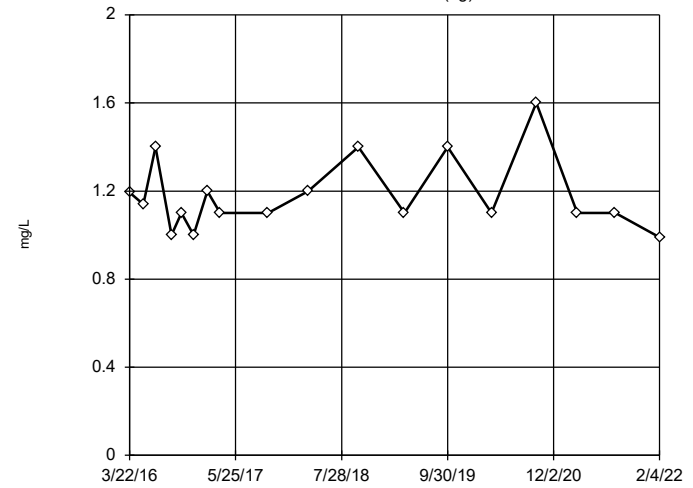


n = 18
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 47.71, low cutoff = 26.78, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 3/24/2022 3:27 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWA-1 (bg)

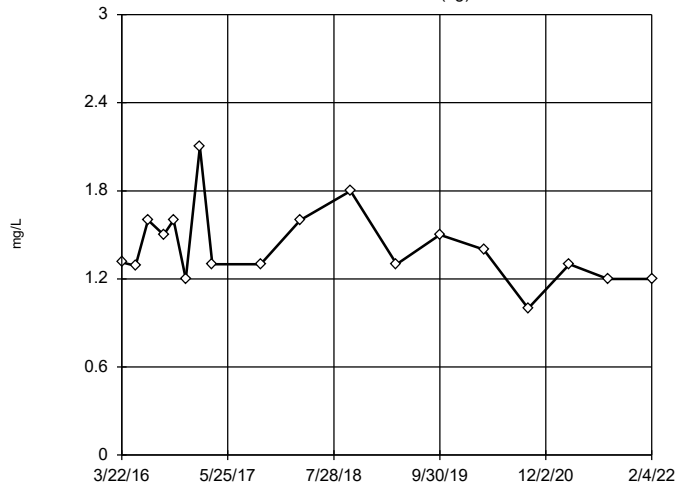


n = 18
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 2.121, low cutoff = 0.6724, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 3/24/2022 3:27 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWA-11 (bg)

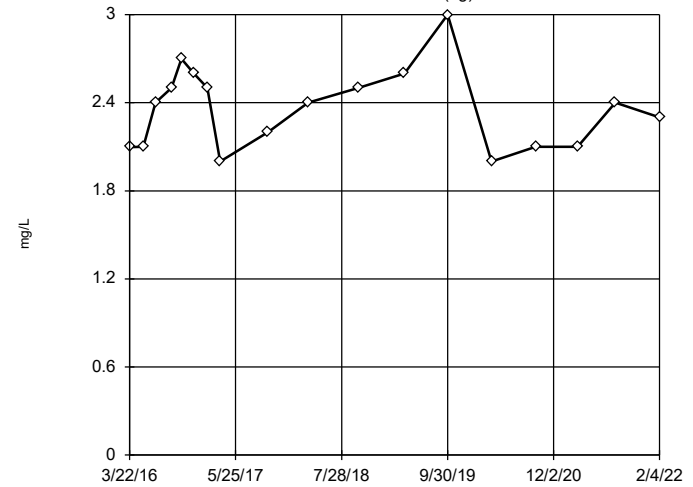


n = 18
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 3.403, low cutoff = 0.585, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 3/24/2022 3:27 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

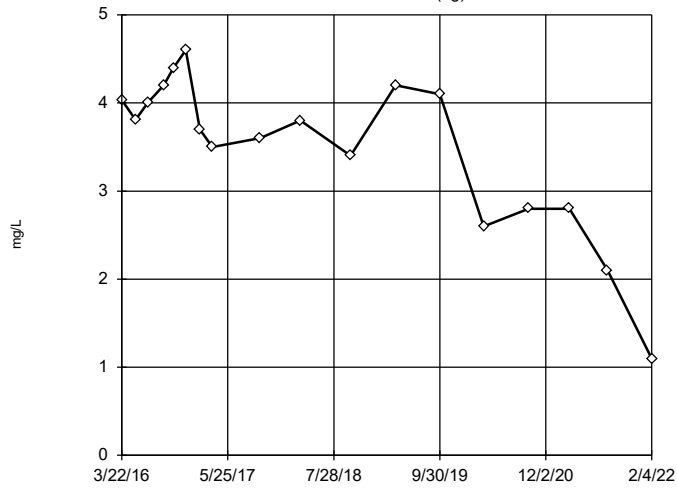
GWA-2 (bg)



n = 18
 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 = 4.562, low cutoff = 1.174, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 3/24/2022 3:27 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

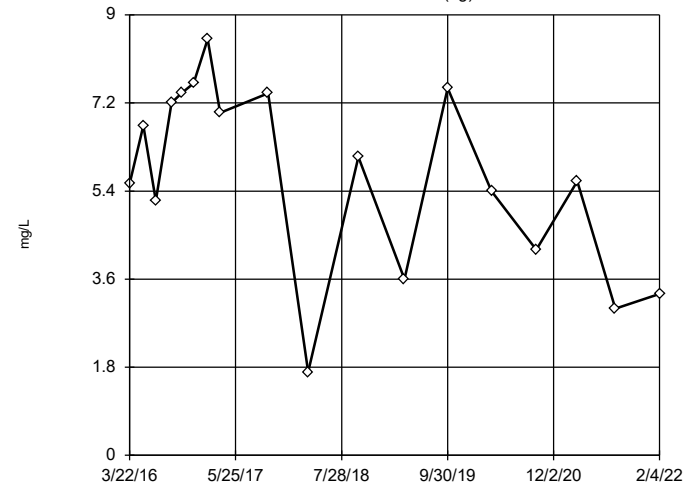
Tukey's Outlier Screening GWA-3 (bg)



n = 18
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 = 6.038, low cutoff = -5.023, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 3/24/2022 3:27 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

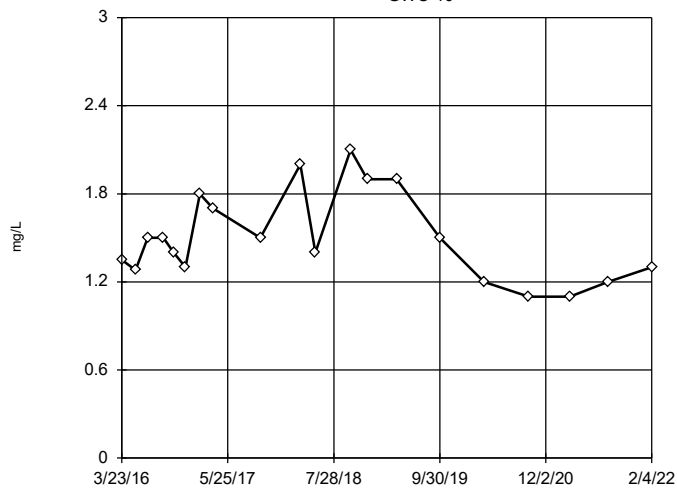
Tukey's Outlier Screening GWA-4 (bg)



n = 18
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 = 13.16, low cutoff = -10.15, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 3/24/2022 3:27 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

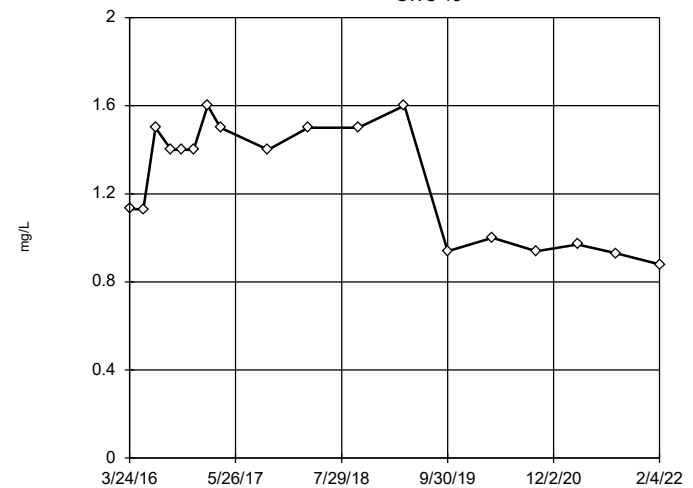
Tukey's Outlier Screening GWC-10



n = 20
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 = 4.362, low cutoff = 0.5173, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 3/24/2022 3:27 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

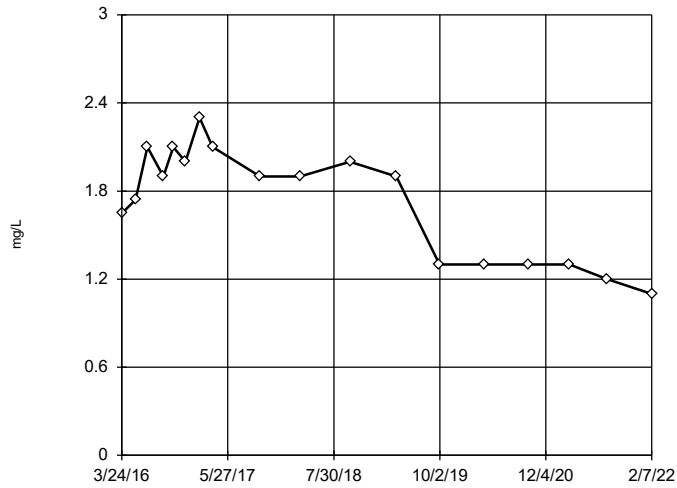
Tukey's Outlier Screening GWC-18



n = 18
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 = 2.053, low cutoff = -1.856, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 3/24/2022 3:27 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

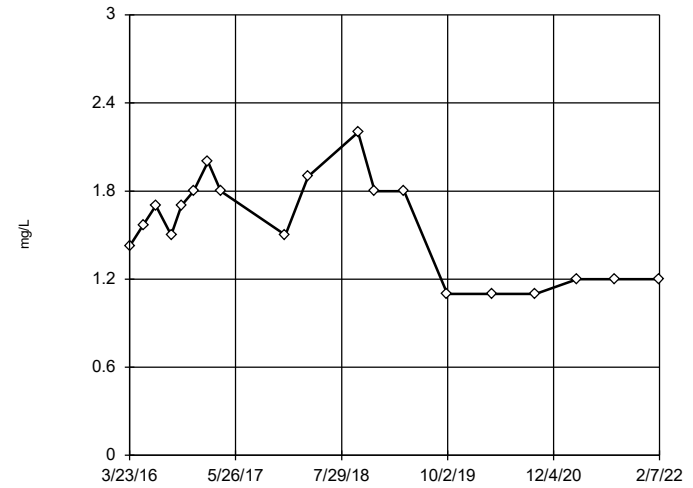
Tukey's Outlier Screening
GWC-19



n = 18
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 = 3.034, low cutoff = -2.576, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 3/24/2022 3:27 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

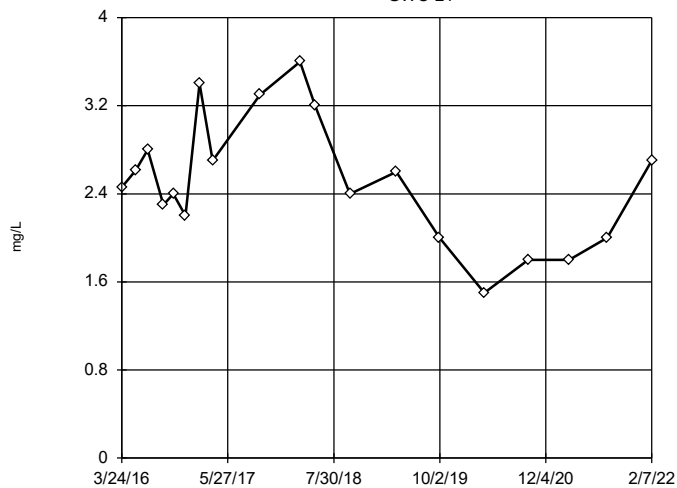
Tukey's Outlier Screening
GWC-20



n = 19
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 = 2.939, low cutoff = -1.99, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 3/24/2022 3:27 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

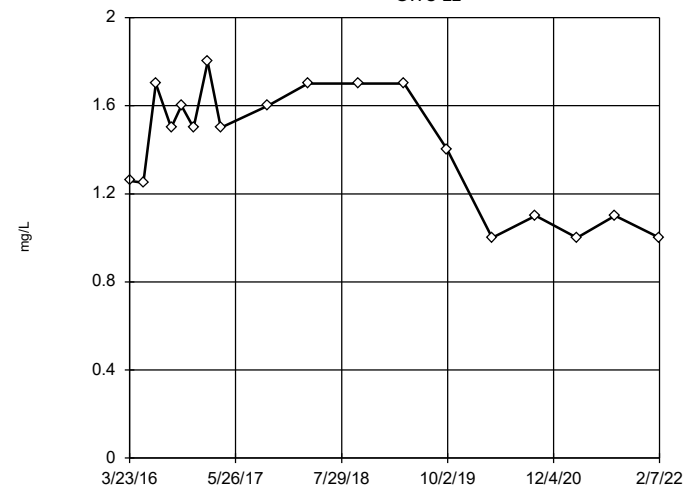
Tukey's Outlier Screening
GWC-21



n = 19
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 = 6.415, low cutoff = 0.534, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 3/24/2022 3:27 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

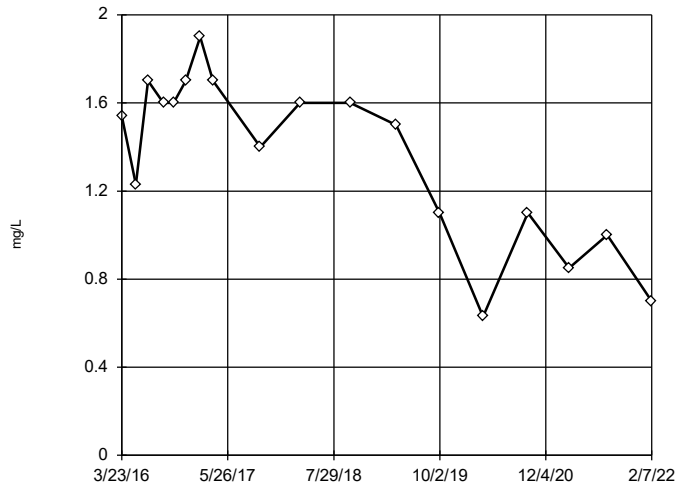
Tukey's Outlier Screening
GWC-22



n = 18
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 = 2.502, low cutoff = -2.112, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 3/24/2022 3:27 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

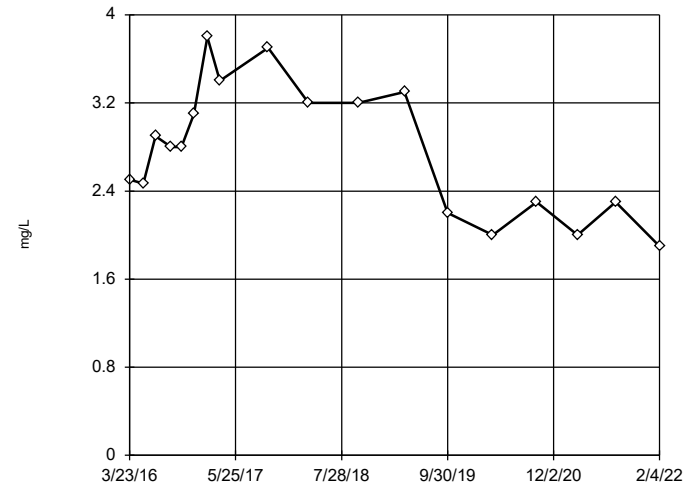
Tukey's Outlier Screening GWC-23



n = 18
 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 = 2.44, low cutoff = -2.069, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 3/24/2022 3:27 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

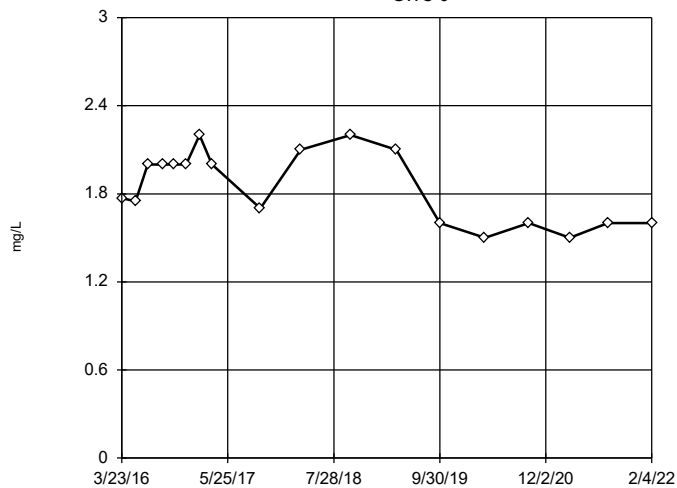
Tukey's Outlier Screening GWC-5



n = 18
 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 = 7.35, low cutoff = 0.3498, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 3/24/2022 3:27 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

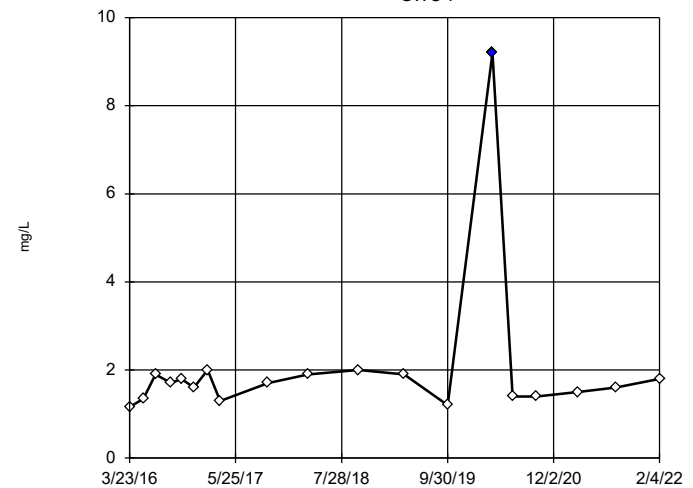
Tukey's Outlier Screening GWC-6



n = 18
 No outliers found.
 Tukey's method selected by user.
 Ladder of Powers transformations did not improve normality; analysis run on raw data.
 High cutoff = 3.4, low cutoff = 0.25, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 3/24/2022 3:27 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening GWC-7

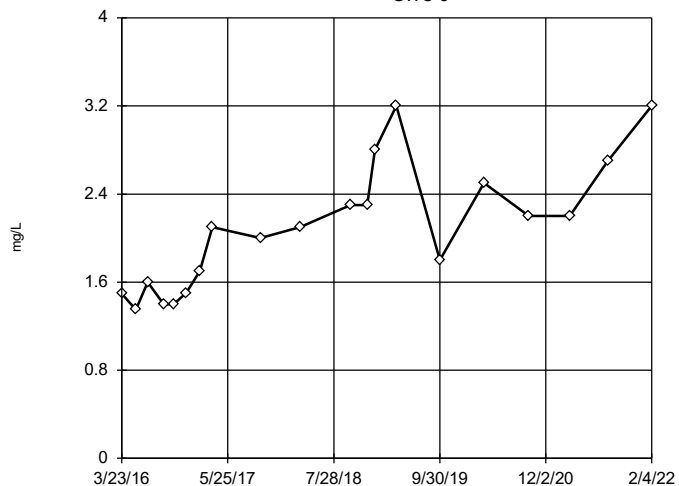


n = 19
 Outlier is drawn as solid.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 4.749, low cutoff = 0.5601, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 3/24/2022 3:27 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-8

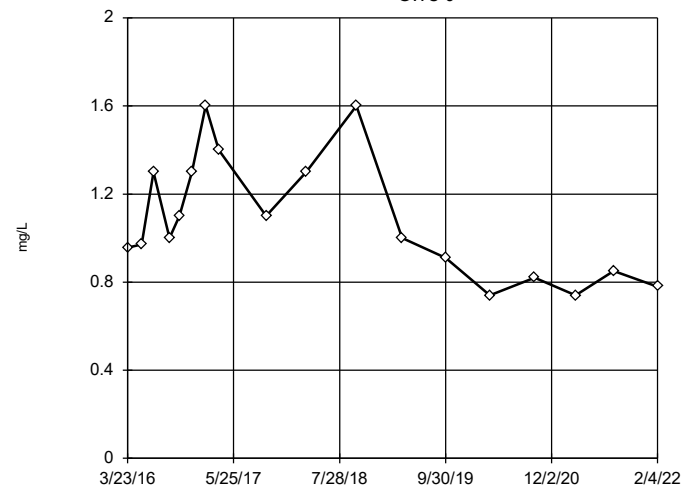


n = 20
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 8.892, low cutoff = 0.4178, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 3/24/2022 3:27 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-9

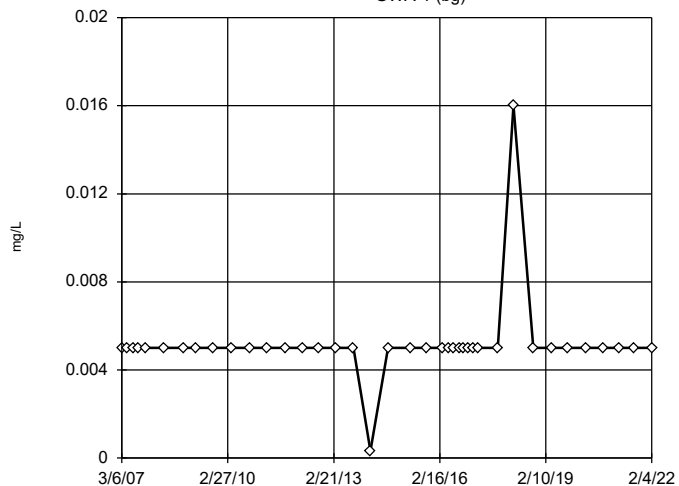


n = 18
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 4.908, low cutoff = 0.2211, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 3/24/2022 3:27 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

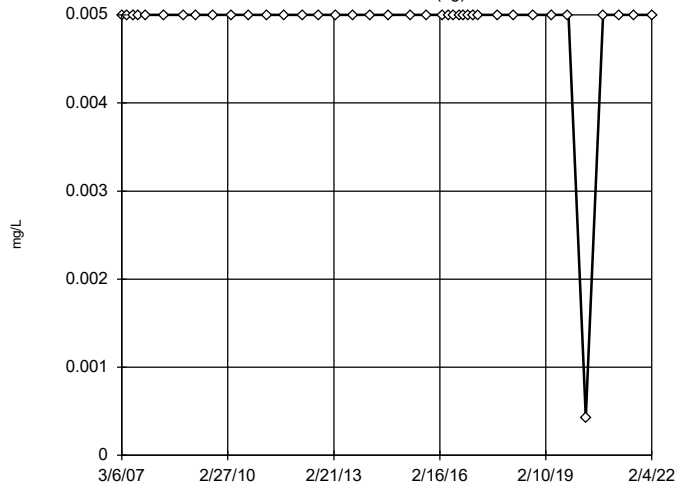
Tukey's Outlier Screening

GWA-1 (bg)



Tukey's Outlier Screening

GWA-2 (bg)

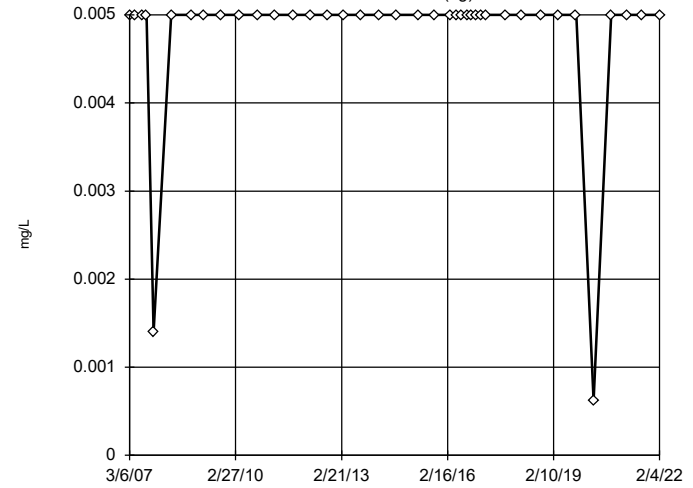


n = 39
 No outliers found. Tukey's method selected by user.
 Data were x^5 transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Chromium Analysis Run 3/24/2022 3:27 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWA-3 (bg)

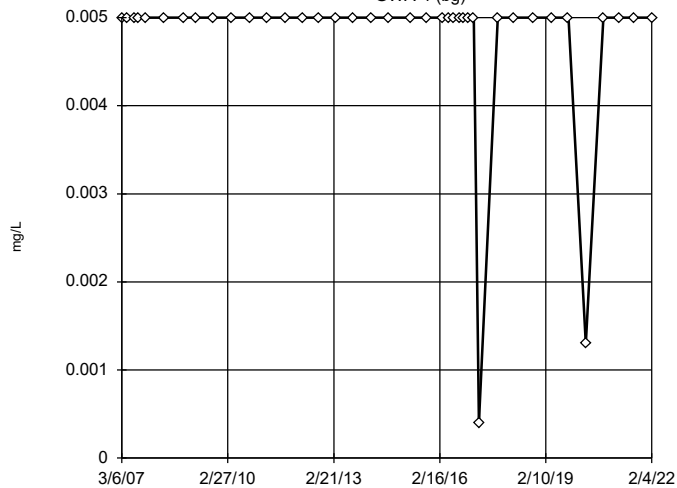


n = 39
 No outliers found. Tukey's method selected by user.
 Data were cube root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Chromium Analysis Run 3/24/2022 3:27 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWA-4 (bg)

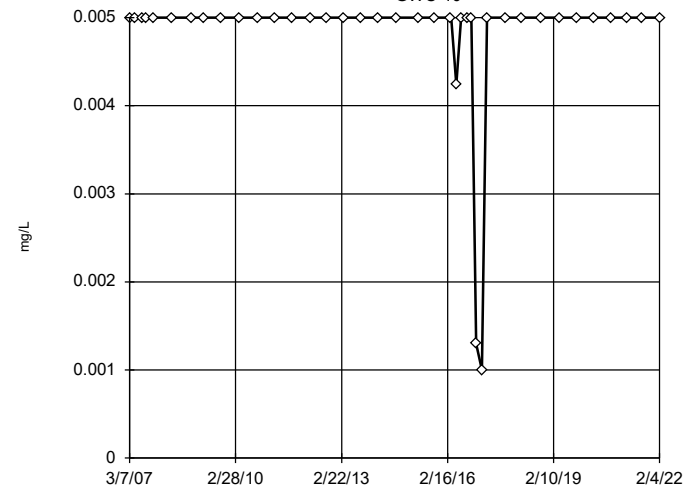


n = 39
 No outliers found. Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Chromium Analysis Run 3/24/2022 3:27 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-10

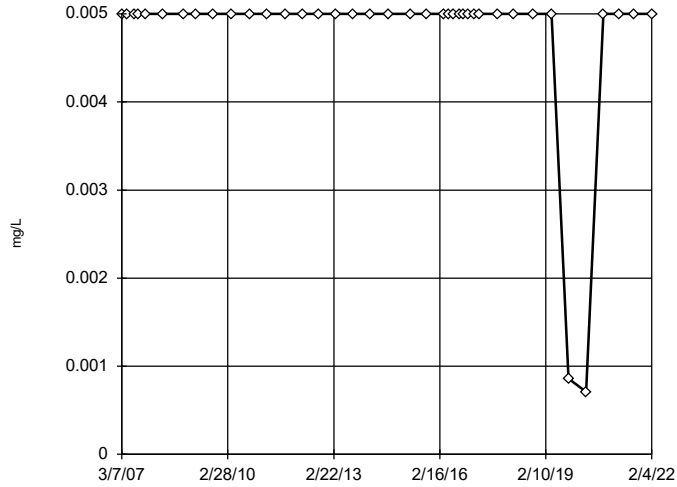


n = 39
 No outliers found. Tukey's method selected by user.
 Data were x^6 transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Chromium Analysis Run 3/24/2022 3:27 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-18

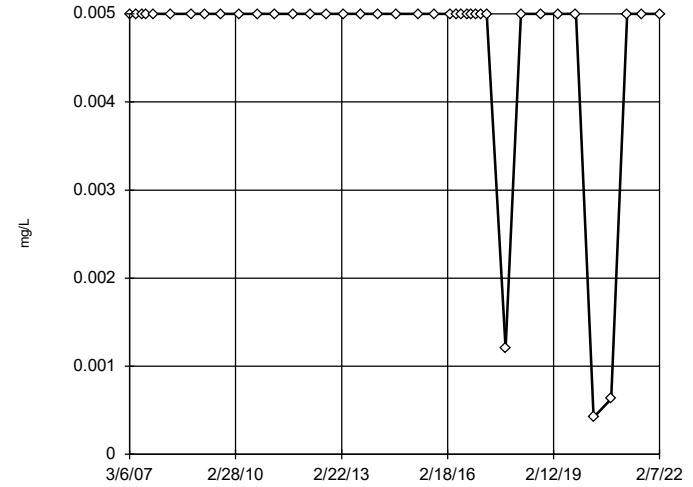


n = 39
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Chromium Analysis Run 3/24/2022 3:28 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-19

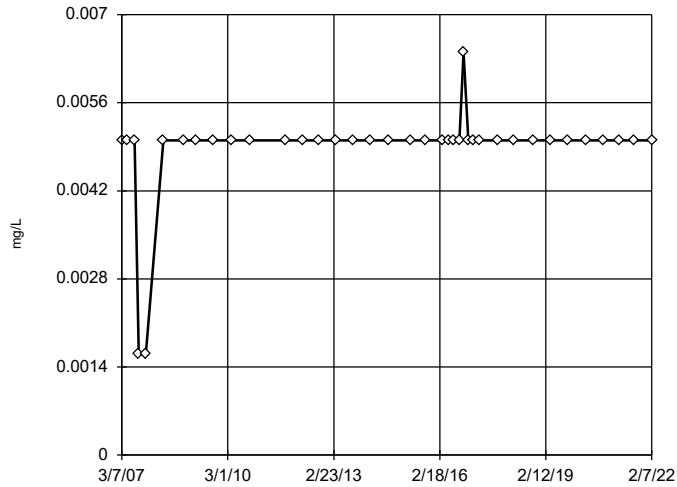


n = 39
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Chromium Analysis Run 3/24/2022 3:28 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-20

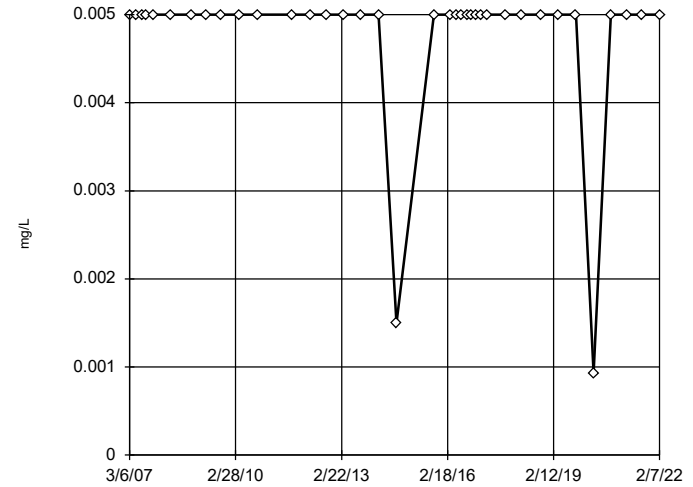


n = 38
 No outliers found.
 Tukey's method selected by user.
 Data were cube transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Chromium Analysis Run 3/24/2022 3:28 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-21

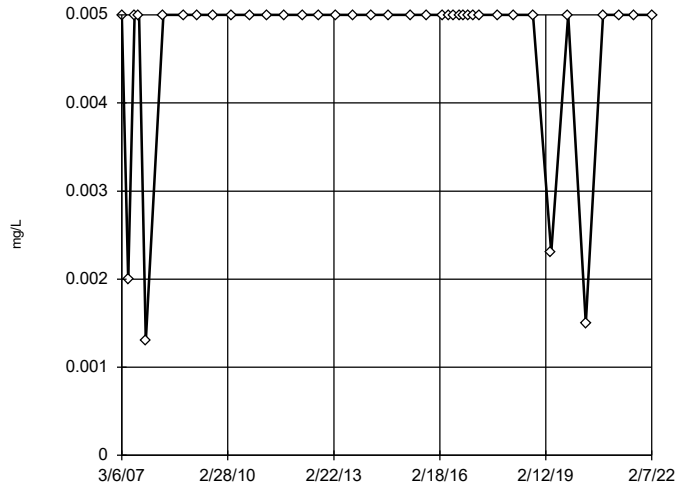


n = 37
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Chromium Analysis Run 3/24/2022 3:28 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-22

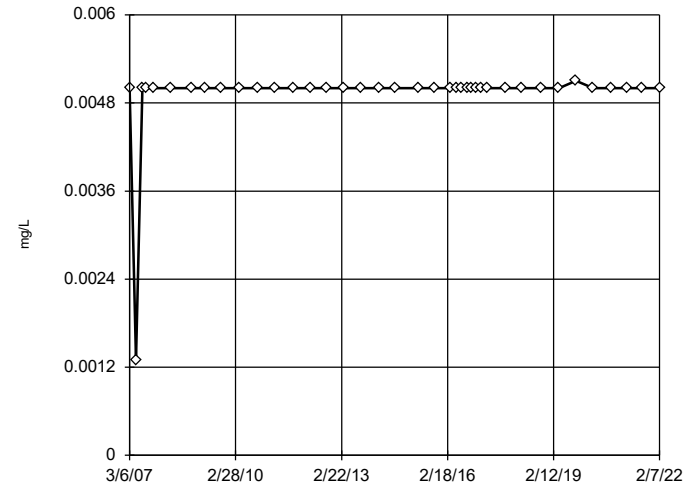


n = 39
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Chromium Analysis Run 3/24/2022 3:28 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-23

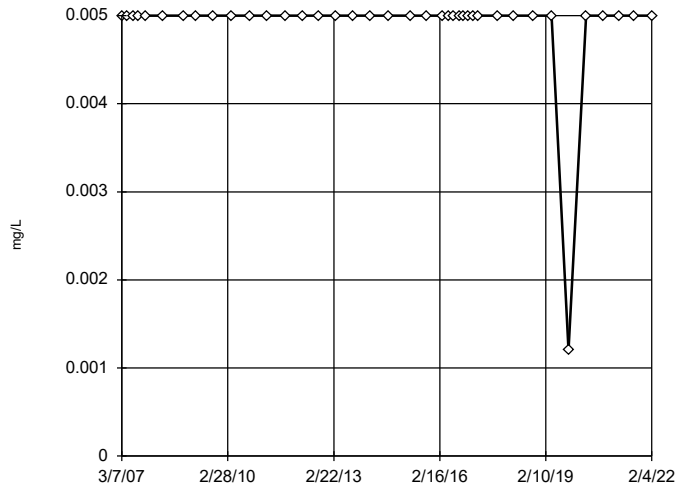


n = 39
 No outliers found.
 Tukey's method selected by user.
 Data were x^6 transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Chromium Analysis Run 3/24/2022 3:28 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-5

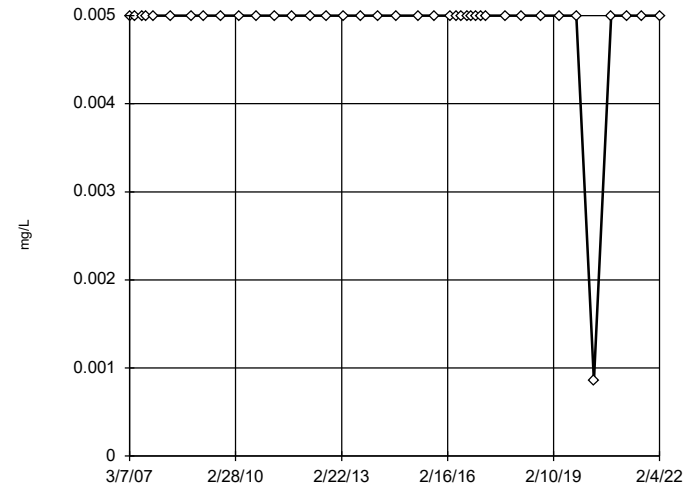


n = 39
 No outliers found.
 Tukey's method selected by user.
 Data were cube transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Chromium Analysis Run 3/24/2022 3:28 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

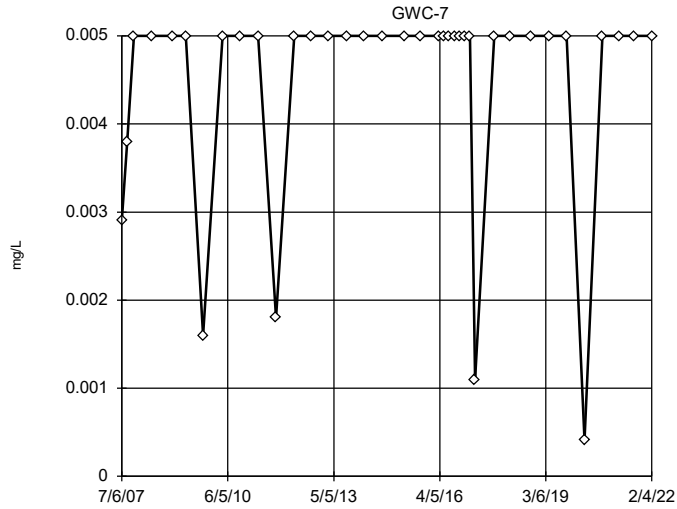
GWC-6



n = 39
 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: Chromium Analysis Run 3/24/2022 3:28 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

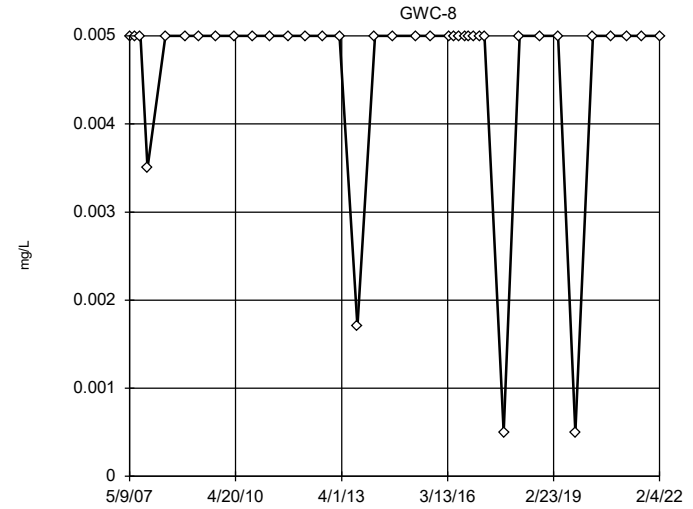
Tukey's Outlier Screening



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: Chromium Analysis Run 3/24/2022 3:28 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

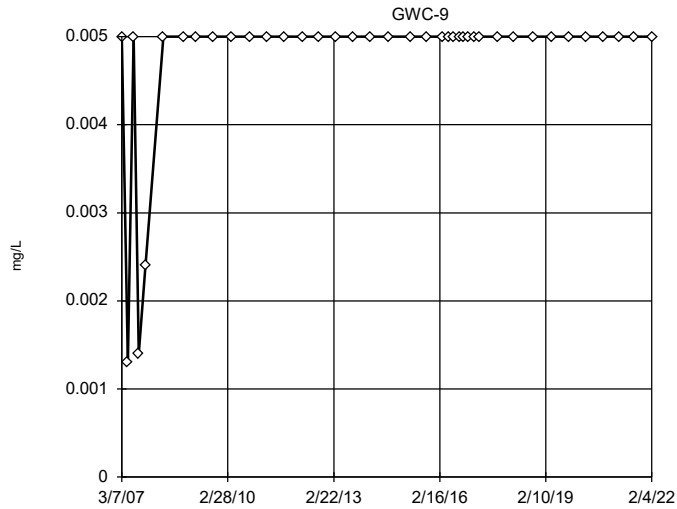
Tukey's Outlier Screening



n = 38
 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 3/24/2022 3:28 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

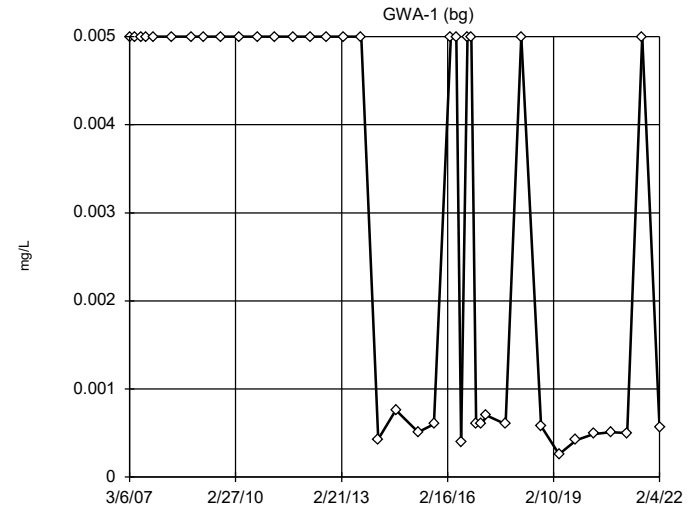
Tukey's Outlier Screening



n = 39
 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 3/24/2022 3:28 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

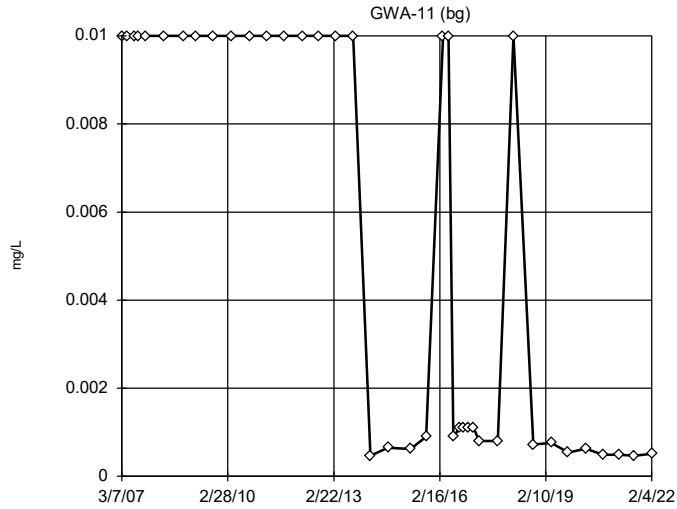
Tukey's Outlier Screening



n = 39
 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 = 3.203, low cutoff = 9.1e-7, based on IQR multiplier of 3.

Constituent: Cobalt Analysis Run 3/24/2022 3:28 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

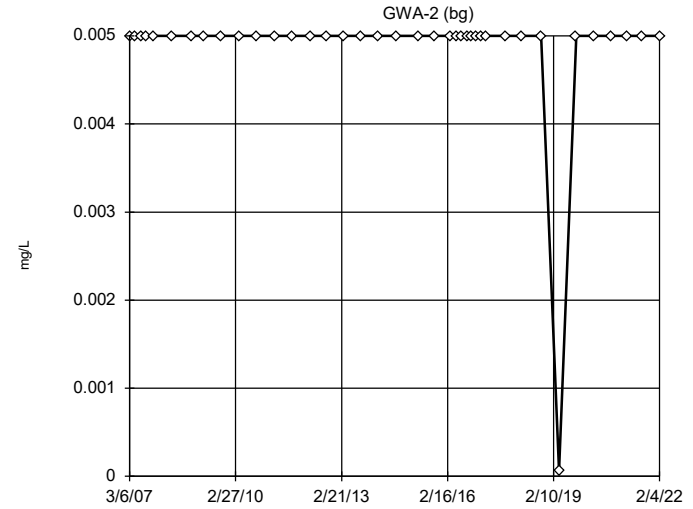
Tukey's Outlier Screening



n = 39
 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 = 26.79, low cutoff = $2.7e-7$, based on IQR multiplier of 3.

Constituent: Cobalt Analysis Run 3/24/2022 3:28 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

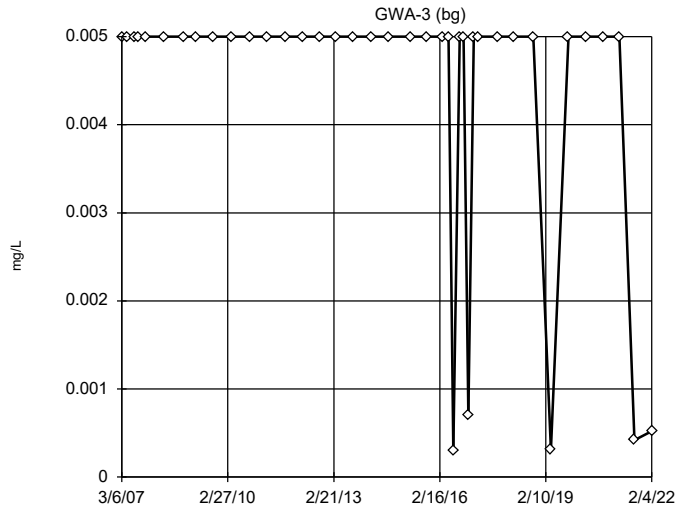
Tukey's Outlier Screening



n = 39
 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: Cobalt Analysis Run 3/24/2022 3:28 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

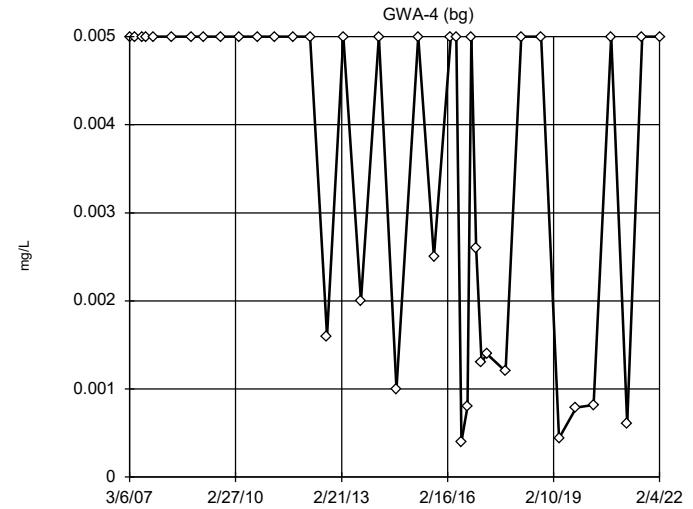
Tukey's Outlier Screening



n = 39
 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 3/24/2022 3:28 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

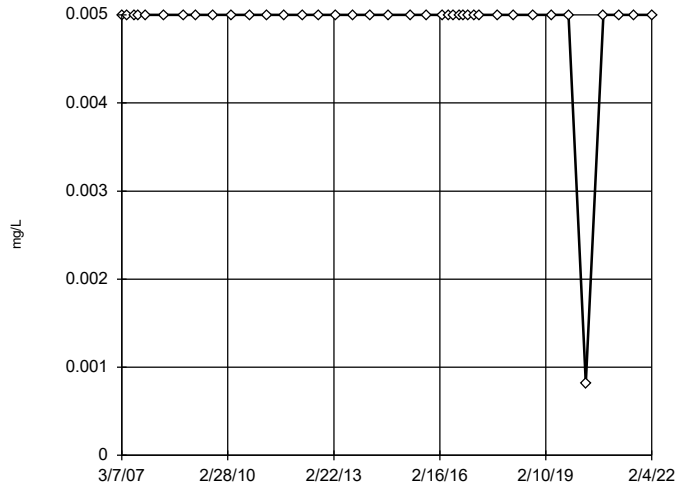


n = 39
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.2278, low cutoff = 0.00003073, based on IQR multiplier of 3.

Constituent: Cobalt Analysis Run 3/24/2022 3:28 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-10

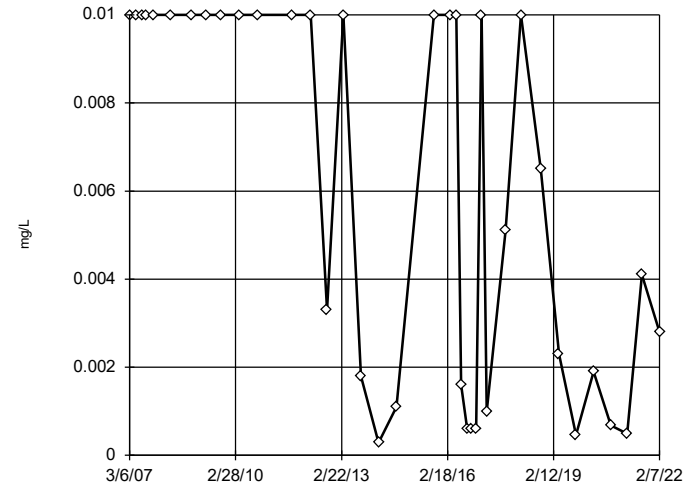


n = 39
 No outliers found.
 Tukey's method selected by user.
 Data were cube root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cobalt Analysis Run 3/24/2022 3:28 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-21

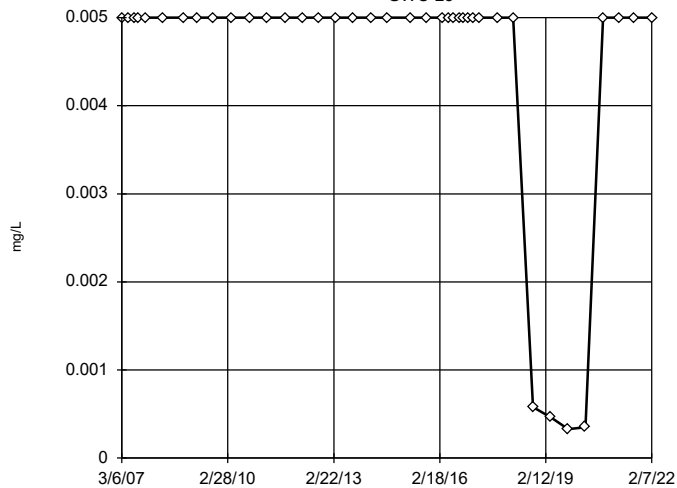


n = 37
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 4.283, low cutoff = 0.000003098, based on IQR multiplier of 3.

Constituent: Cobalt Analysis Run 3/24/2022 3:28 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-23

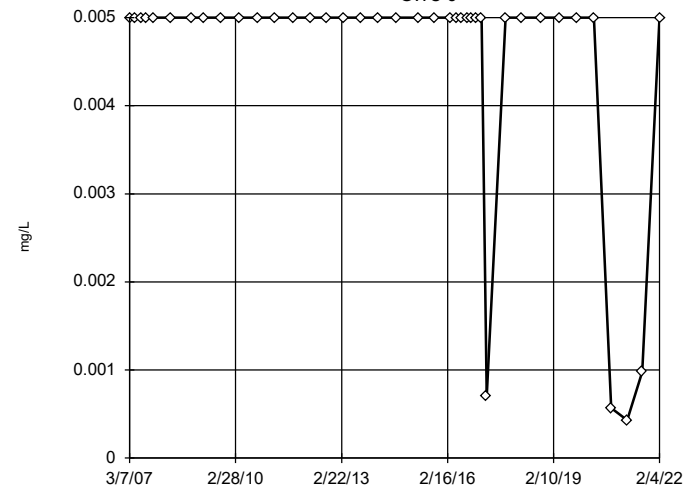


n = 39
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cobalt Analysis Run 3/24/2022 3:28 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

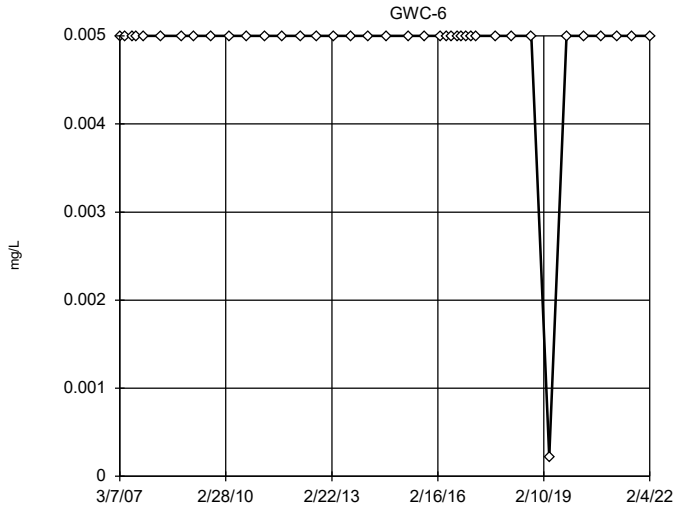
GWC-5



n = 39
 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 3/24/2022 3:28 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

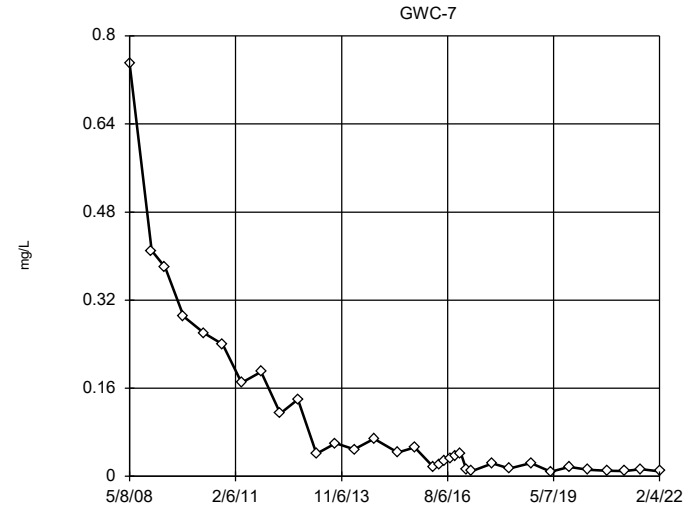
Tukey's Outlier Screening



n = 39
 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: Cobalt Analysis Run 3/24/2022 3:28 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

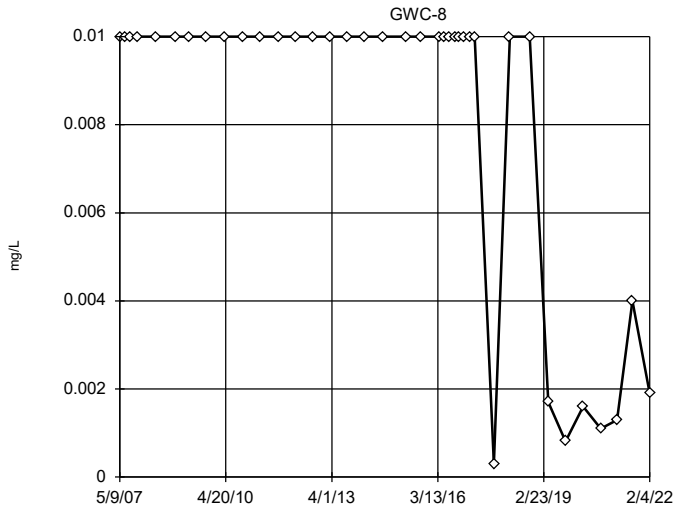
Tukey's Outlier Screening



n = 34
 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 = 230.7, low cutoff = 0.000009021, based on IQR multiplier of 3.

Constituent: Cobalt Analysis Run 3/24/2022 3:28 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

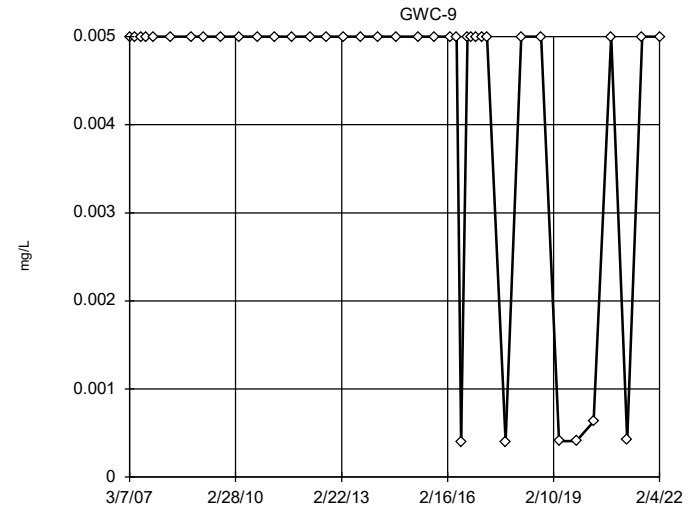
Tukey's Outlier Screening



n = 38
 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 3/24/2022 3:28 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

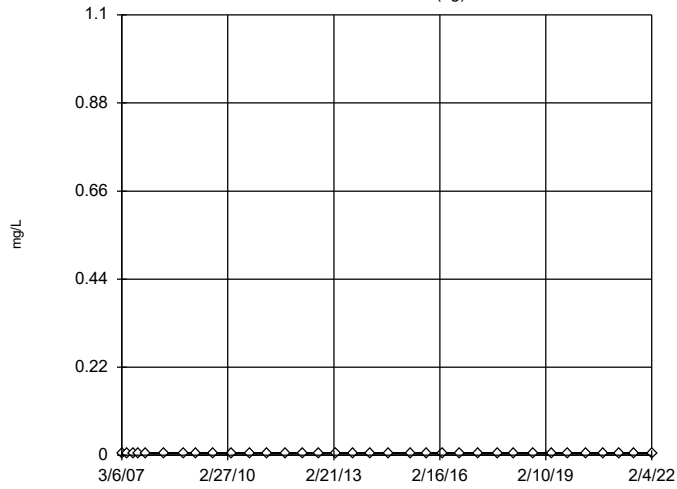
Tukey's Outlier Screening



n = 39
 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 3/24/2022 3:28 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

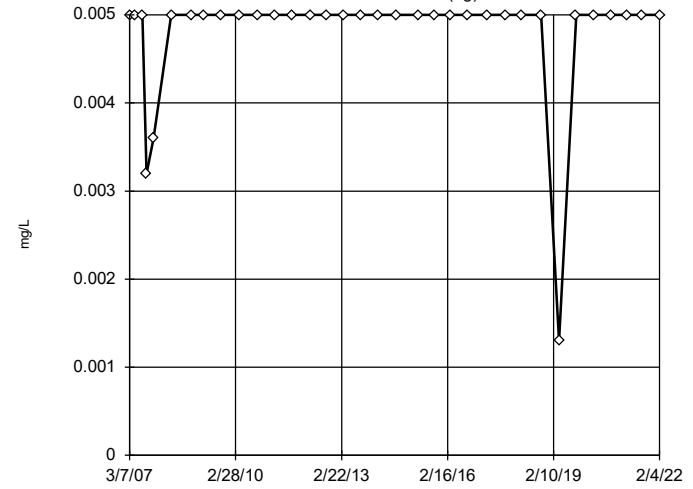
Tukey's Outlier Screening GWA-1 (bg)



n = 34
 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 3/24/2022 3:28 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

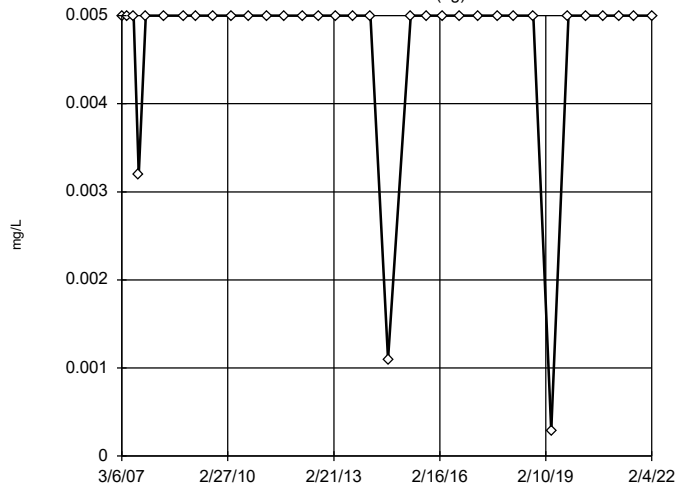
Tukey's Outlier Screening GWA-11 (bg)



n = 34
 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 3/24/2022 3:28 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

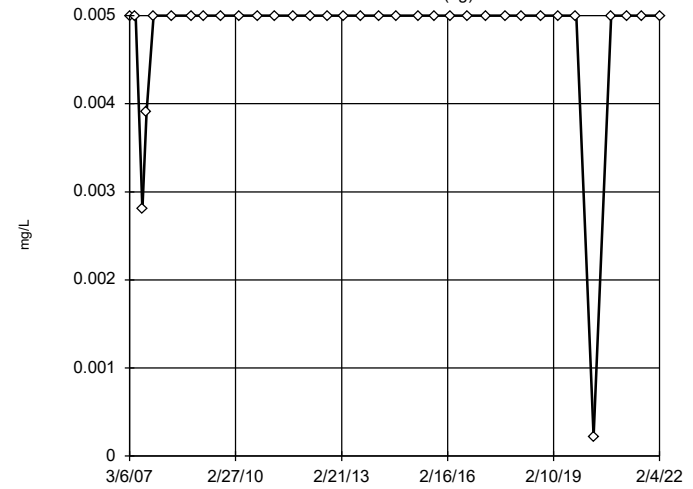
Tukey's Outlier Screening GWA-2 (bg)



n = 34
 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 3/24/2022 3:28 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

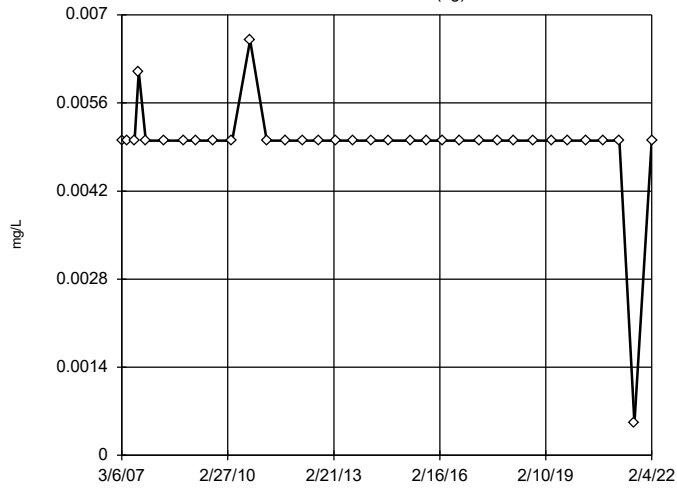
Tukey's Outlier Screening GWA-3 (bg)



n = 34
 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 3/24/2022 3:28 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

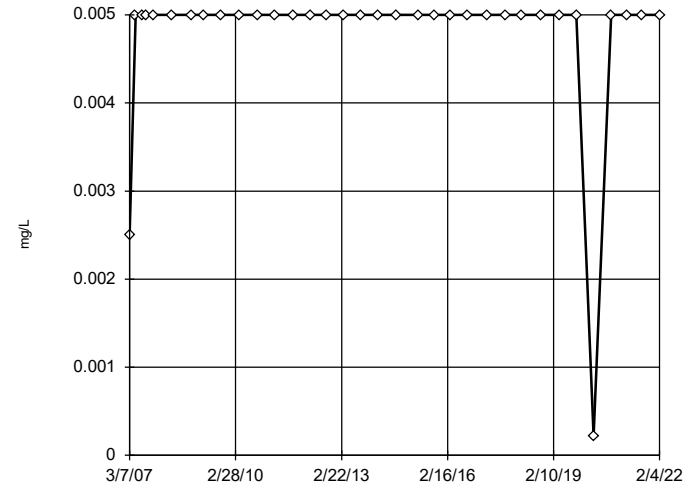
Tukey's Outlier Screening GWA-4 (bg)



n = 34
 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 3/24/2022 3:28 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

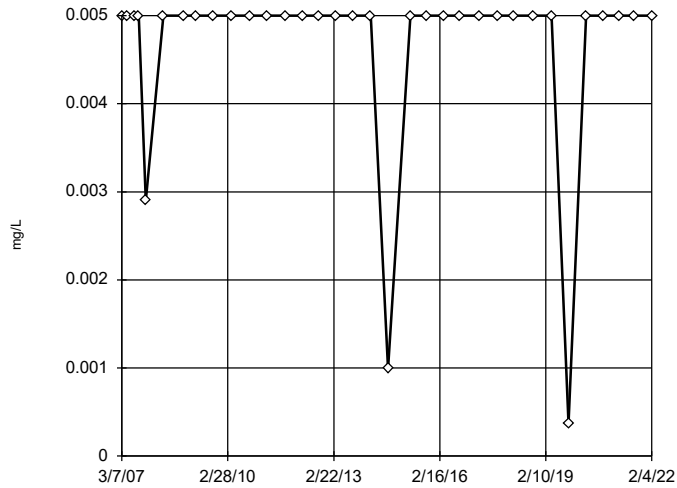
Tukey's Outlier Screening GWC-10



n = 34
 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 3/24/2022 3:28 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

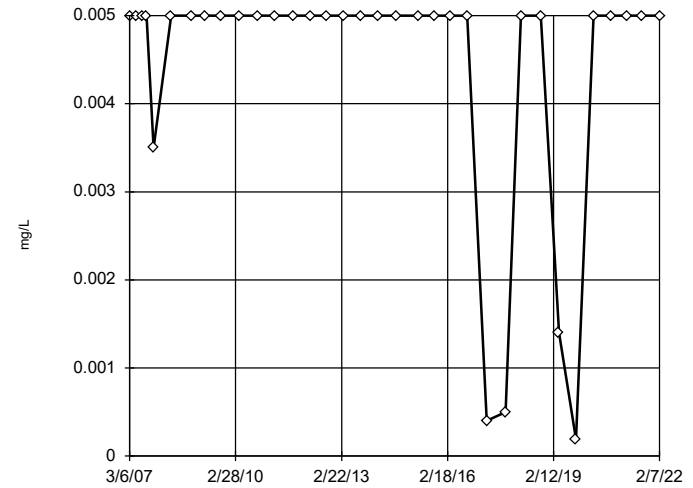
Tukey's Outlier Screening GWC-18



n = 34
 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 3/24/2022 3:28 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening GWC-19

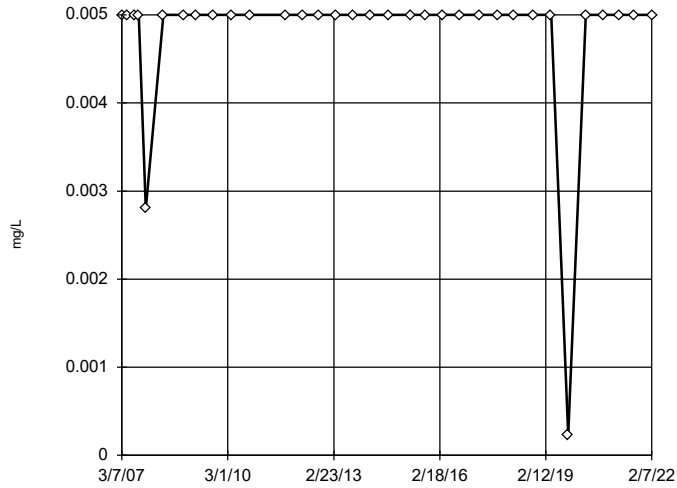


n = 34
 No outliers found.
 Tukey's method selected by user.
 Data were cube transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 3/24/2022 3:28 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-20

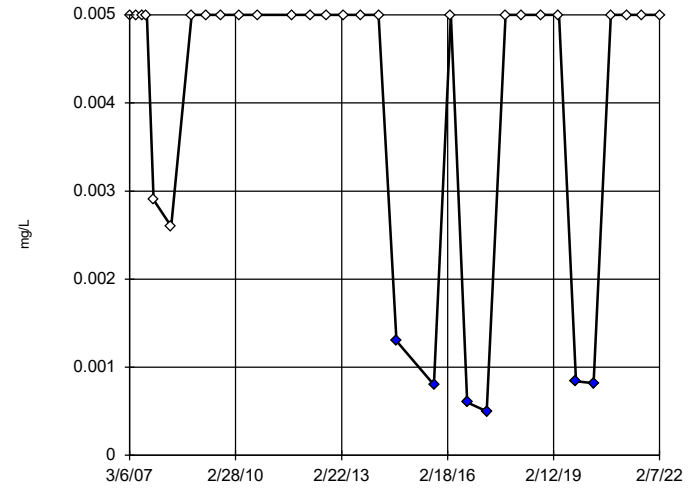


n = 33
 No outliers found.
 Tukey's method selected by user.
 Data were square transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 3/24/2022 3:28 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-21

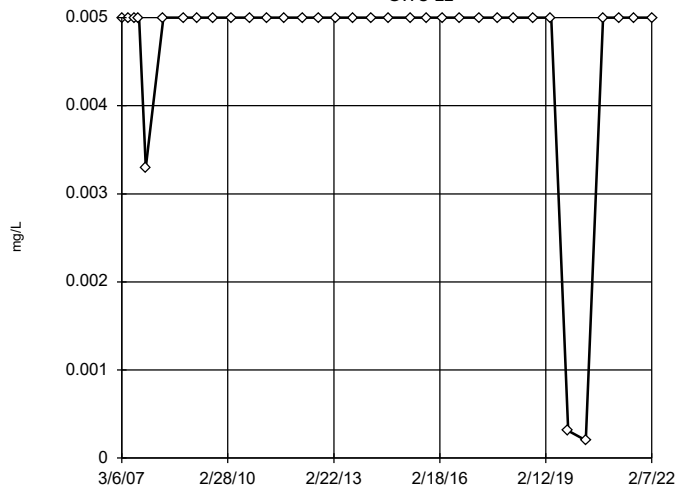


n = 32
 Outliers are drawn as solid.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.009216,
 low cutoff = 0.001368,
 based on IQR multiplier of 3.

Constituent: Copper Analysis Run 3/24/2022 3:28 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-22

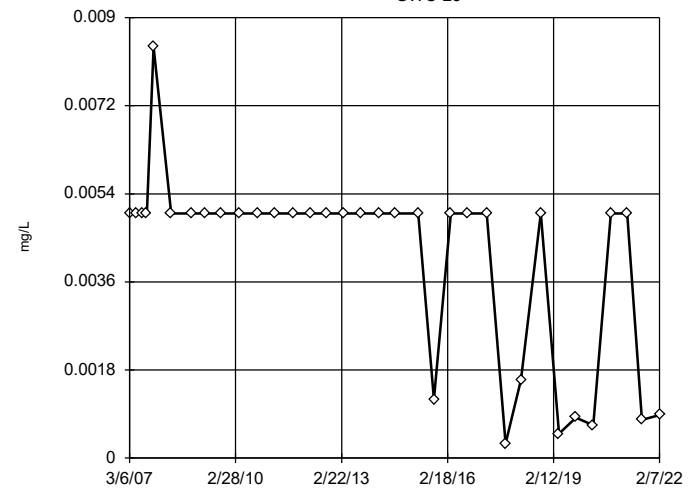


n = 34
 No outliers found.
 Tukey's method selected by user.
 Data were cube transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 3/24/2022 3:28 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-23

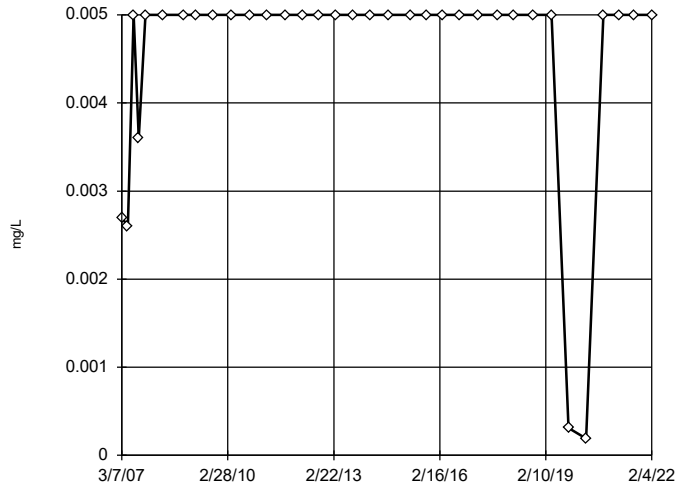


n = 34
 No outliers found.
 Tukey's method selected by user.
 Ladder of Powers transformations did not improve normality; analysis run on raw data.
 High cutoff = 0.0101,
 low cutoff = -0.0018,
 based on IQR multiplier of 3.

Constituent: Copper Analysis Run 3/24/2022 3:28 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-5

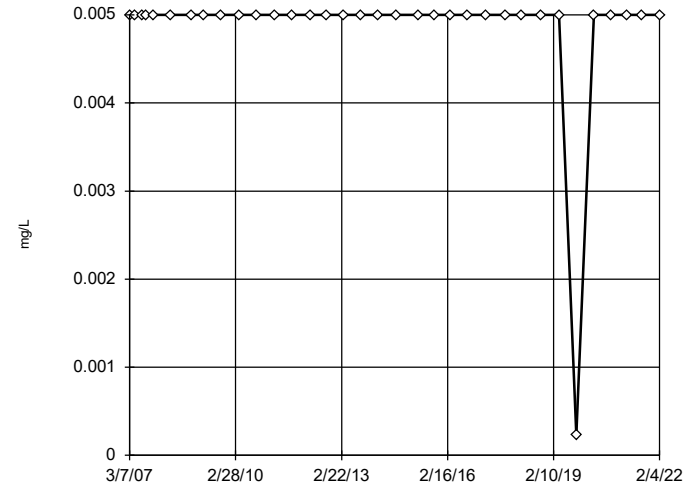


n = 34
 No outliers found.
 Tukey's method selected by user.
 Data were square transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 3/24/2022 3:28 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-6

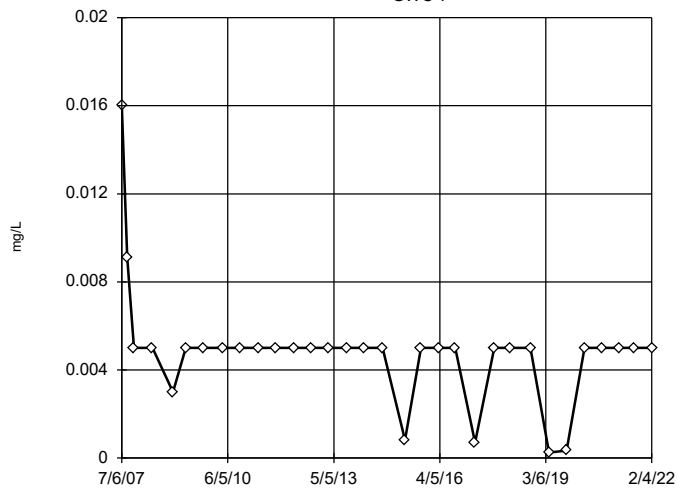


n = 34
 No outliers found.
 Tukey's method selected by user.
 Data were cube transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 3/24/2022 3:28 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-7

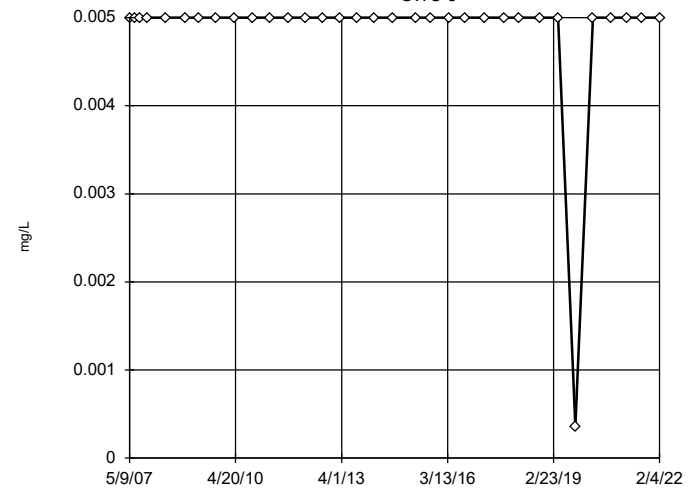


n = 32
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 3/24/2022 3:28 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-8

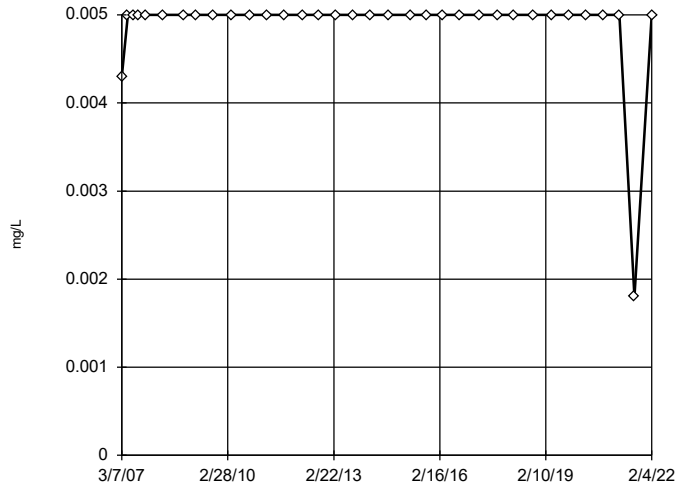


n = 33
 No outliers found.
 Tukey's method selected by user.
 Data were cube root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 3/24/2022 3:28 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-9

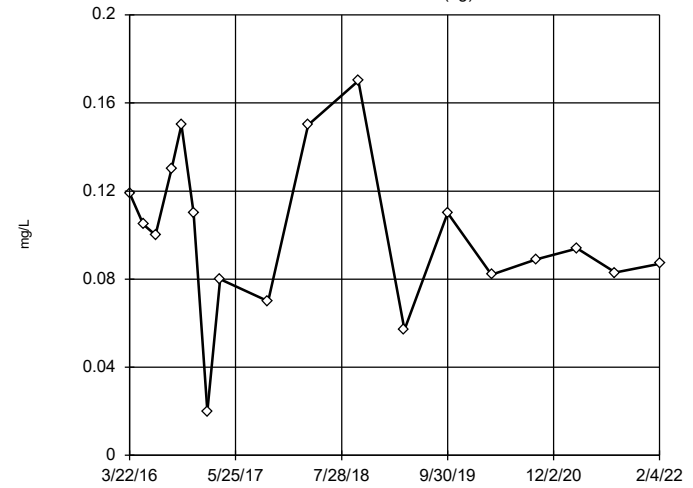


n = 34
 No outliers found.
 Tukey's method selected by user.
 Data were x⁶ transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 3/24/2022 3:28 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWA-1 (bg)

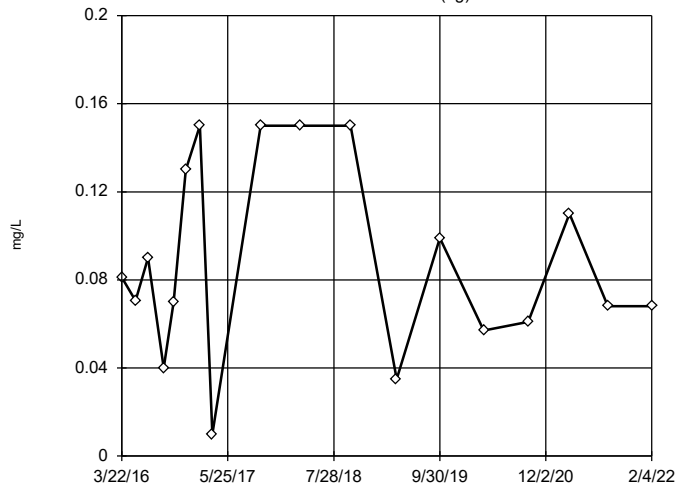


n = 18
 No outliers found.
 Tukey's method selected by user.
 Ladder of Powers transformations did not improve normality; analysis run on raw data.
 High cutoff = 0.255, low cutoff = -0.0495, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 3/24/2022 3:28 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWA-11 (bg)

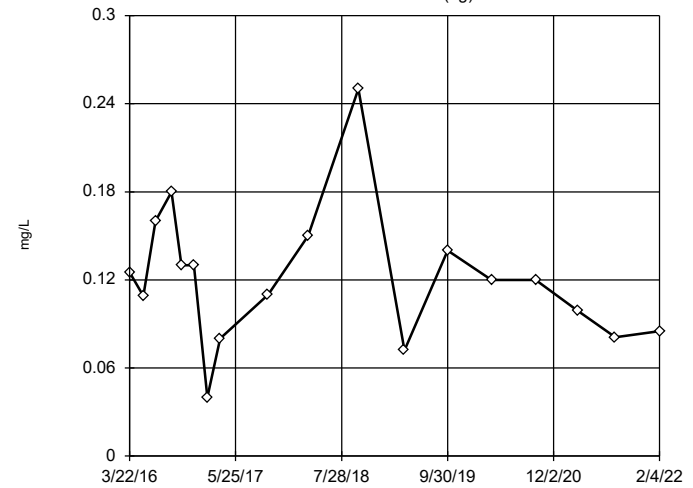


n = 18
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.5885, low cutoff = -0.0226, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 3/24/2022 3:28 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

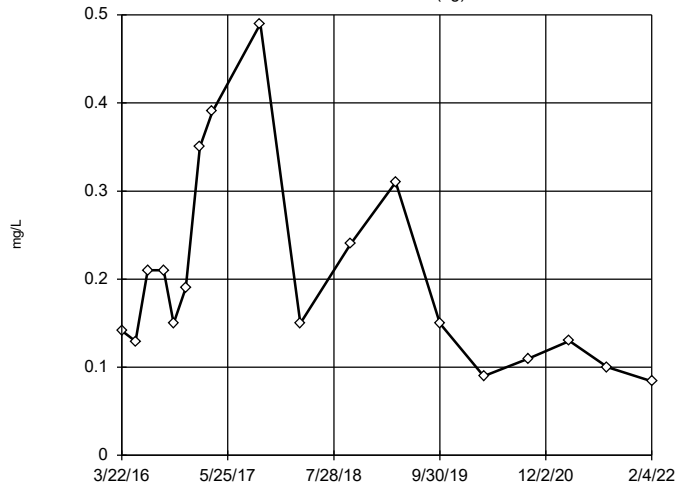
GWA-2 (bg)



n = 18
 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 = 0.498, low cutoff = 0.004814, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 3/24/2022 3:28 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

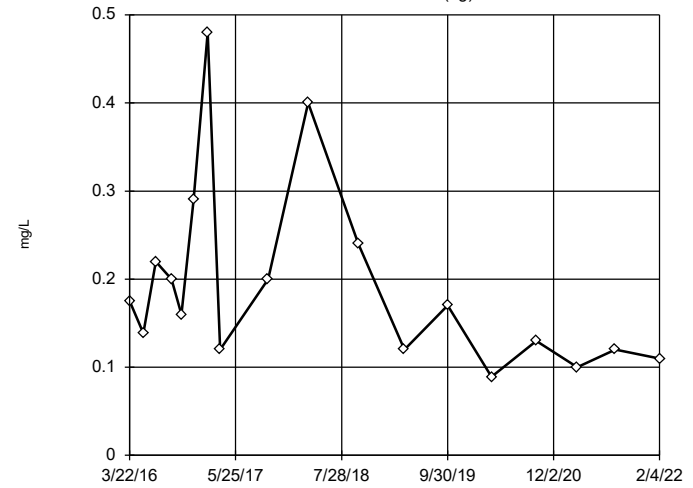
Tukey's Outlier Screening
GWA-3 (bg)



n = 18
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 = 3.263, low cutoff = 0.009968, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 3/24/2022 3:28 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

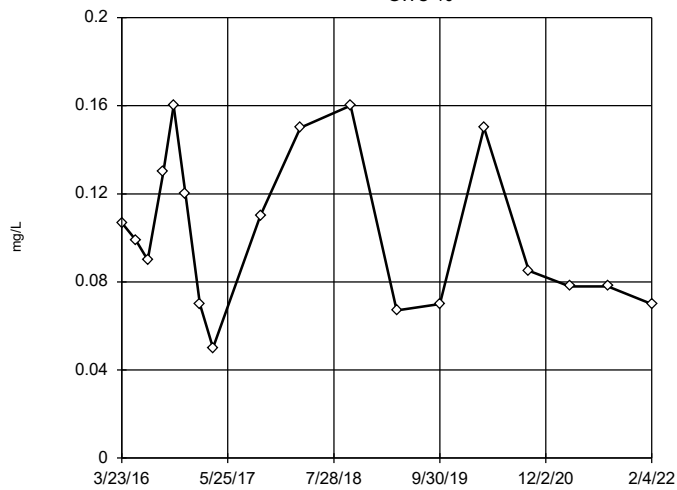
Tukey's Outlier Screening
GWA-4 (bg)



n = 18
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 = 1.613, low cutoff = 0.01709, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 3/24/2022 3:28 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

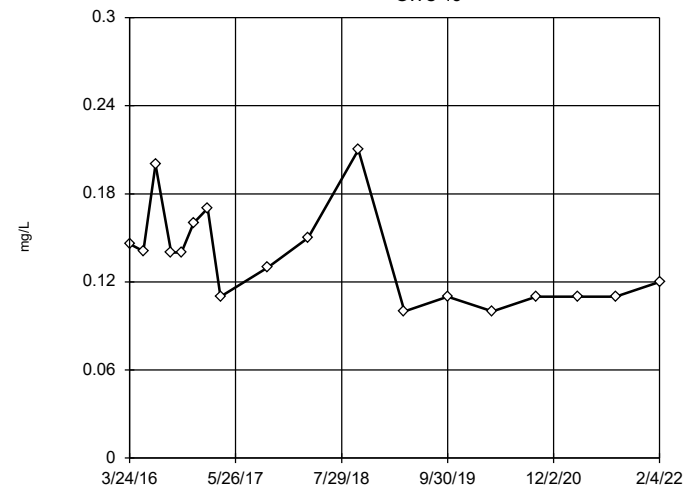
Tukey's Outlier Screening
GWC-10



n = 18
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 = 1.109, low cutoff = 0.008817, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 3/24/2022 3:28 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

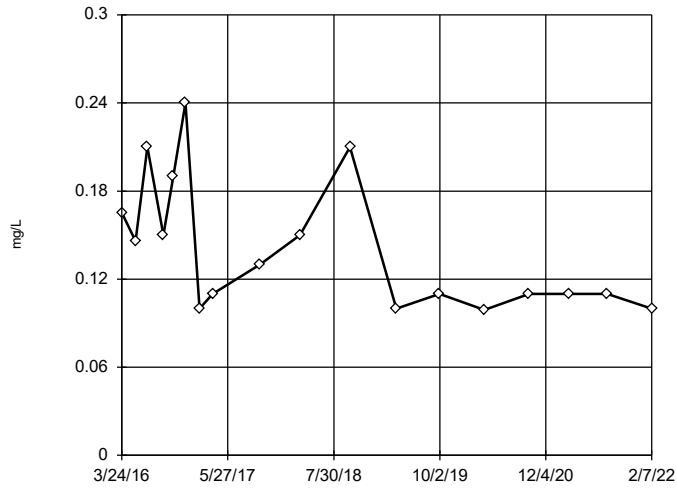
Tukey's Outlier Screening
GWC-18



n = 18
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 = 0.4328, low cutoff = 0.03938, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 3/24/2022 3:28 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

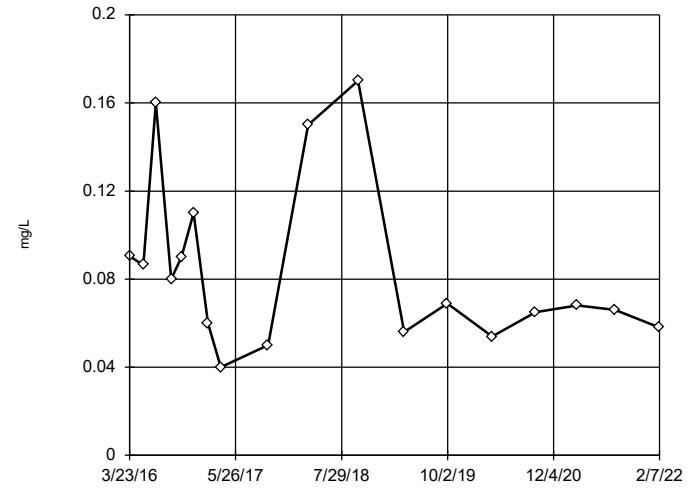
Tukey's Outlier Screening
GWC-19



n = 18
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 = 0.854, low cutoff = 0.02176, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 3/24/2022 3:28 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

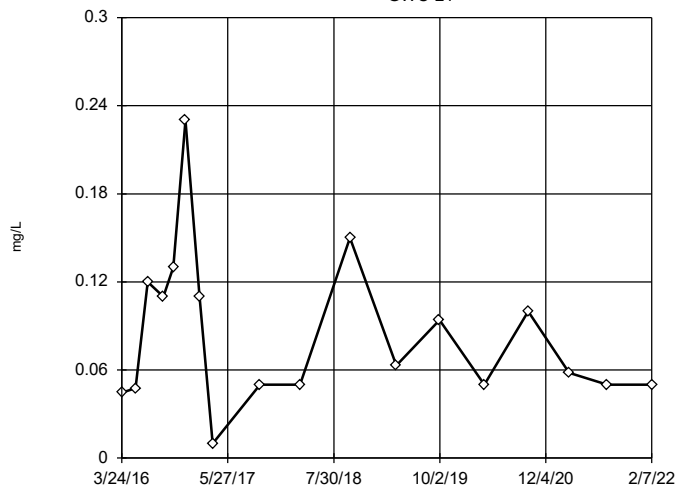
Tukey's Outlier Screening
GWC-20



n = 18
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 = 0.5354, low cutoff = 0.01062, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 3/24/2022 3:28 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

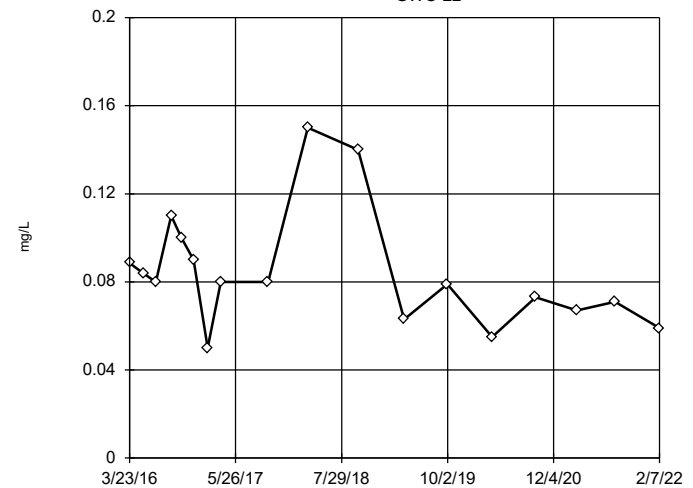
Tukey's Outlier Screening
GWC-21



n = 18
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 = 0.5918, low cutoff = 0.000003399, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 3/24/2022 3:28 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

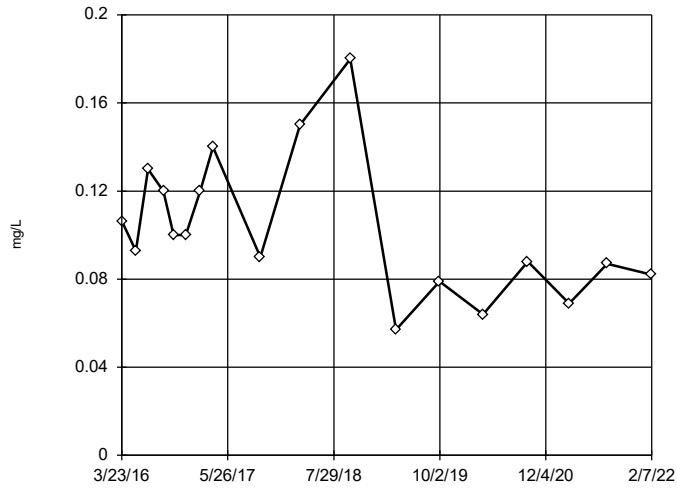
Tukey's Outlier Screening
GWC-22



n = 18
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 = 0.2954, low cutoff = 0.02087, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 3/24/2022 3:28 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

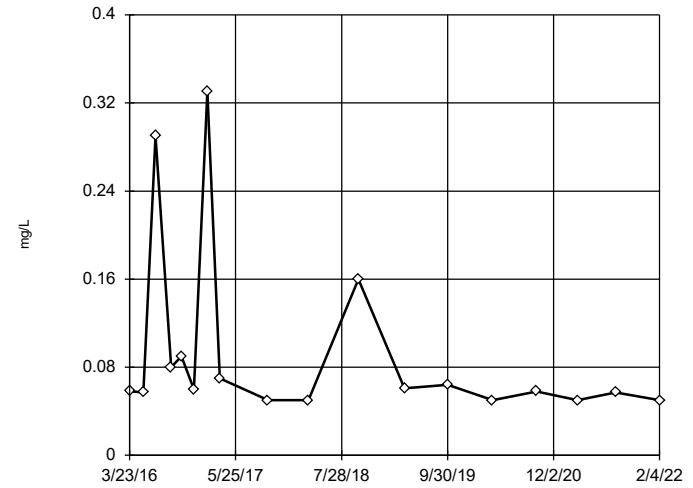
Tukey's Outlier Screening GWC-23



n = 18
 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 = 0.4668, low cutoff = 0.02154, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 3/24/2022 3:28 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

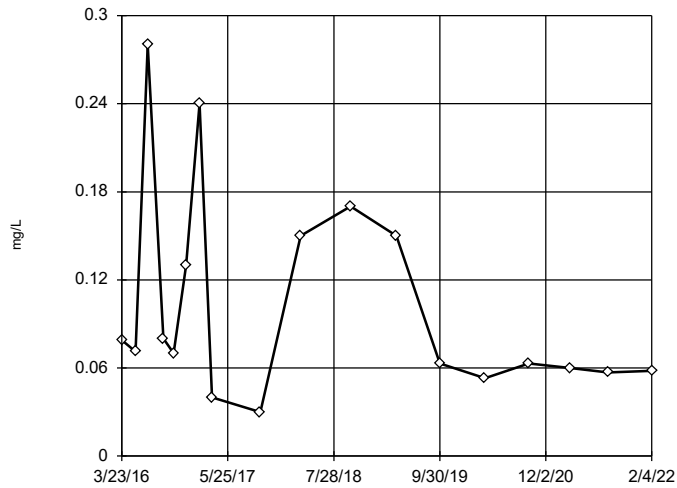
Tukey's Outlier Screening GWC-5



n = 18
 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 = 0.4147, low cutoff = 0.01023, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 3/24/2022 3:28 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

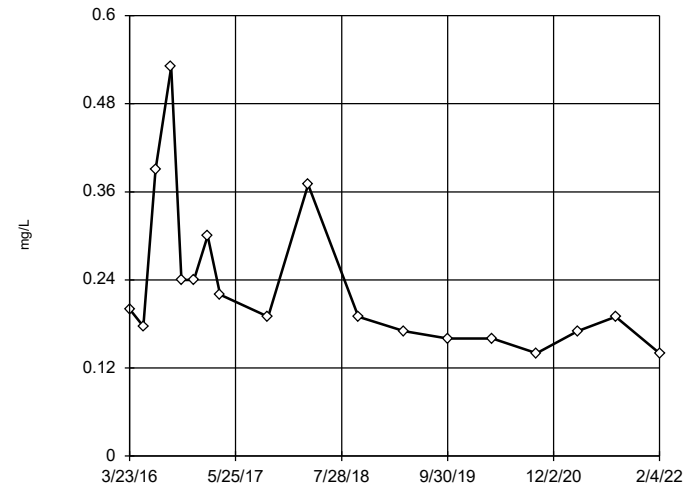
Tukey's Outlier Screening GWC-6



n = 18
 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 = 2.663, low cutoff = 0.003238, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 3/24/2022 3:28 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

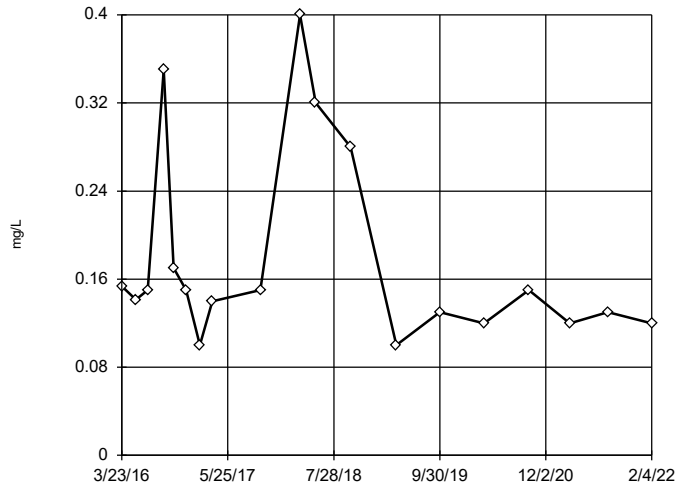
Tukey's Outlier Screening GWC-7



n = 18
 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 = 1.156, low cutoff = 0.03829, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 3/24/2022 3:28 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

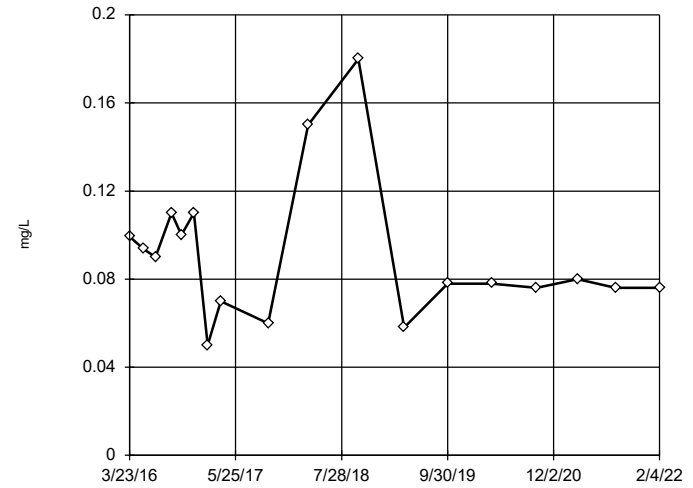
Tukey's Outlier Screening
GWC-8



n = 19
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 = 0.4833, low cutoff = 0.04221, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 3/24/2022 3:28 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

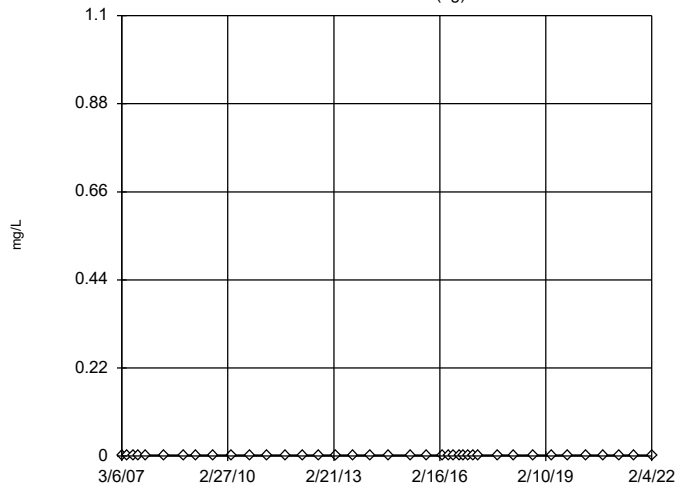
Tukey's Outlier Screening
GWC-9



n = 18
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: Fluoride Analysis Run 3/24/2022 3:28 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

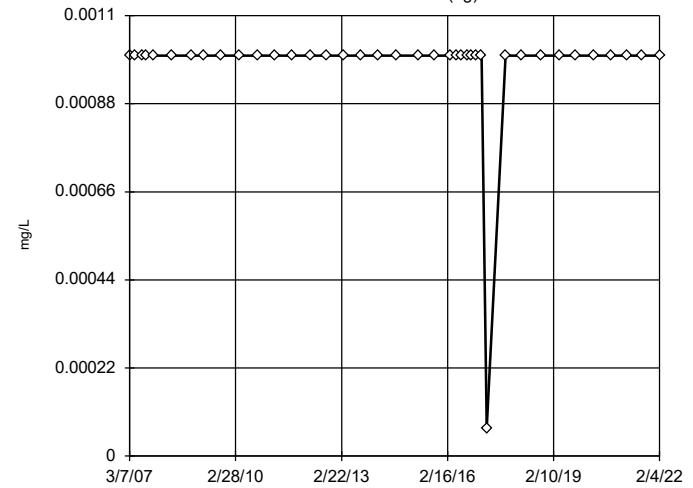
Tukey's Outlier Screening
GWA-1 (bg)



n = 39
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 3/24/2022 3:29 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

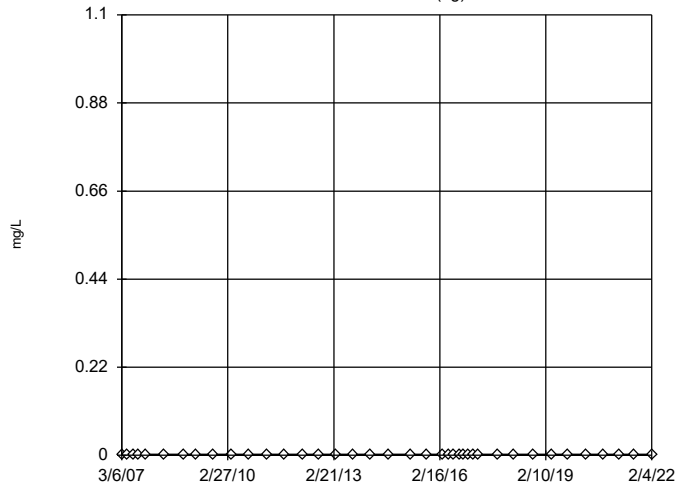
Tukey's Outlier Screening
GWA-11 (bg)



n = 39
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: Lead Analysis Run 3/24/2022 3:29 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

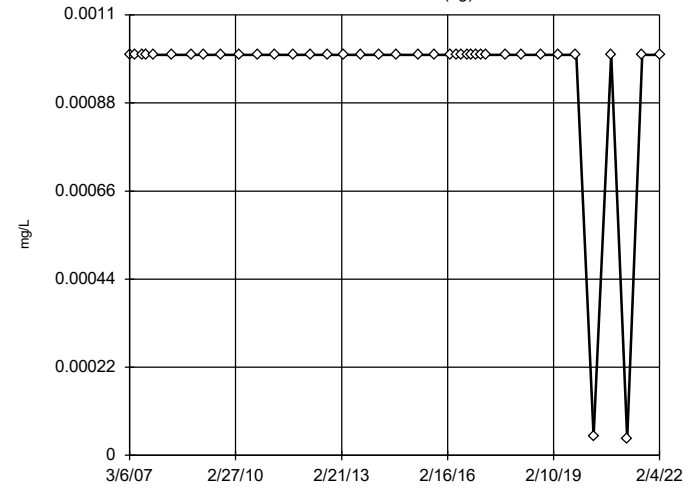
Tukey's Outlier Screening GWA-2 (bg)



n = 39
 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 3/24/2022 3:29 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

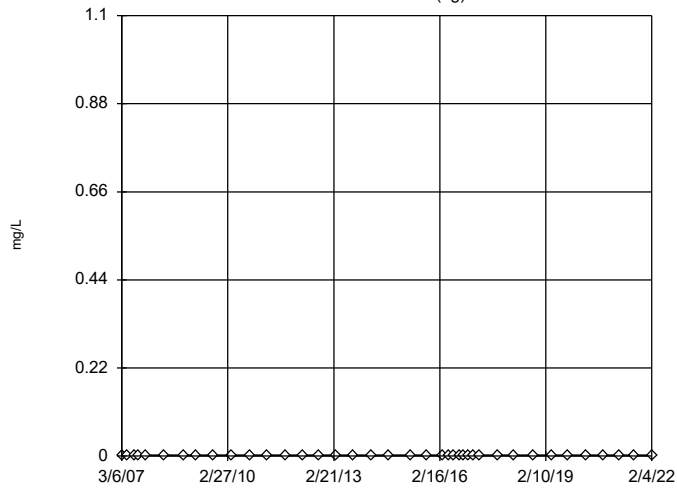
Tukey's Outlier Screening GWA-3 (bg)



n = 39
 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 3/24/2022 3:29 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

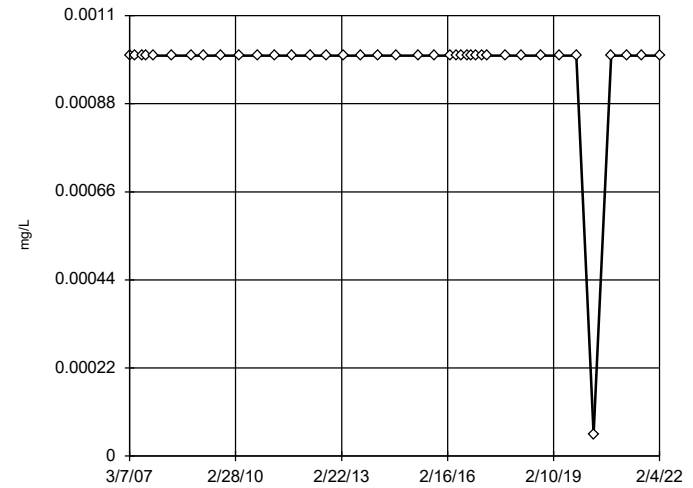
Tukey's Outlier Screening GWA-4 (bg)



n = 39
 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 3/24/2022 3:29 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

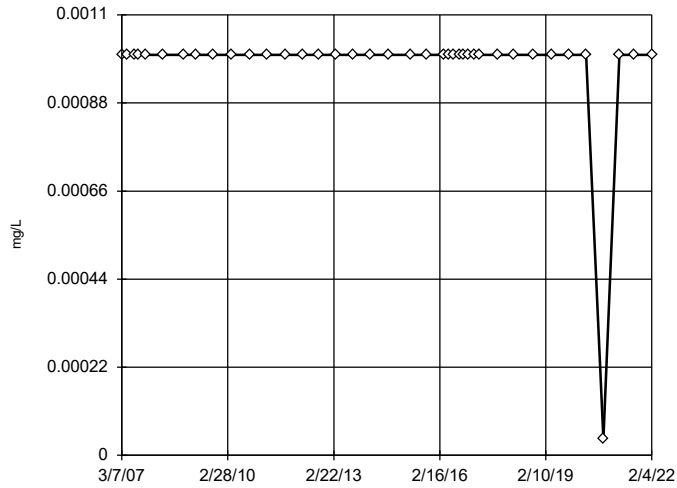
Tukey's Outlier Screening GWC-10



n = 39
 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: Lead Analysis Run 3/24/2022 3:29 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

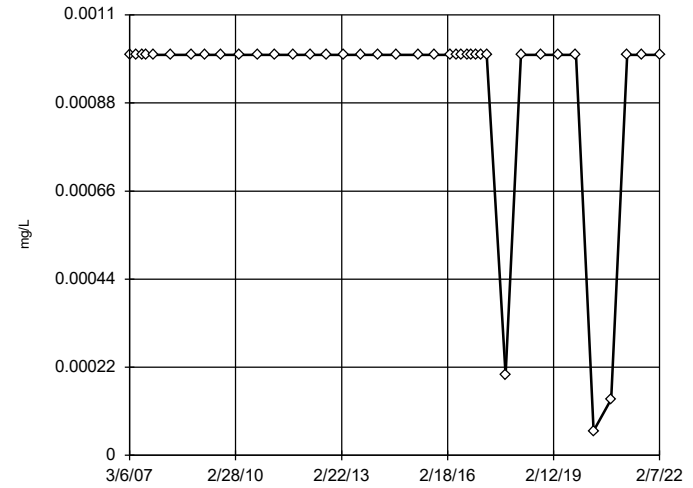
Tukey's Outlier Screening GWC-18



n = 39
 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 3/24/2022 3:29 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

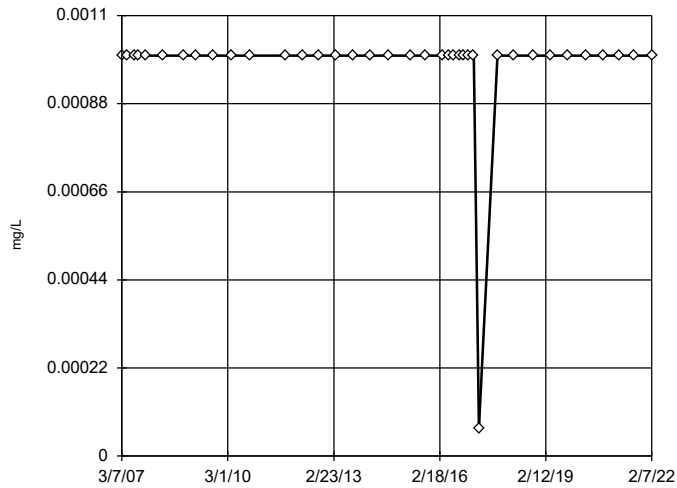
Tukey's Outlier Screening GWC-19



n = 39
 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 3/24/2022 3:29 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

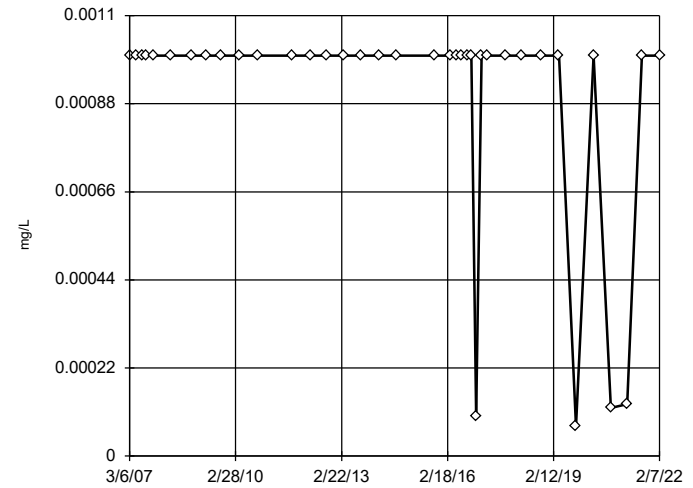
Tukey's Outlier Screening GWC-20



n = 38
 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: Lead Analysis Run 3/24/2022 3:29 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

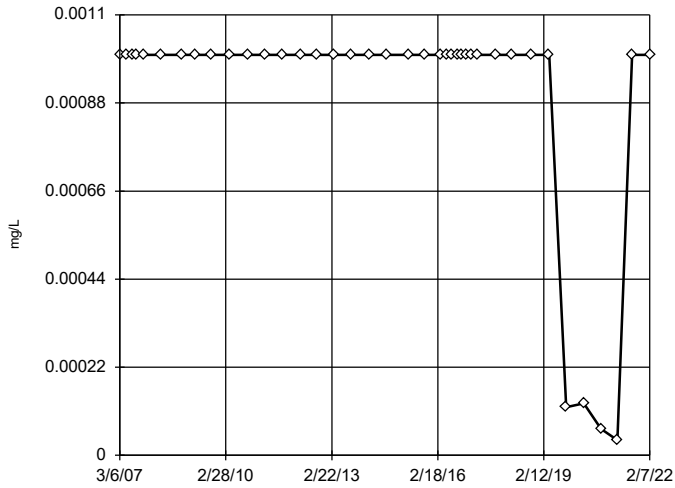
Tukey's Outlier Screening GWC-21



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: Lead Analysis Run 3/24/2022 3:29 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

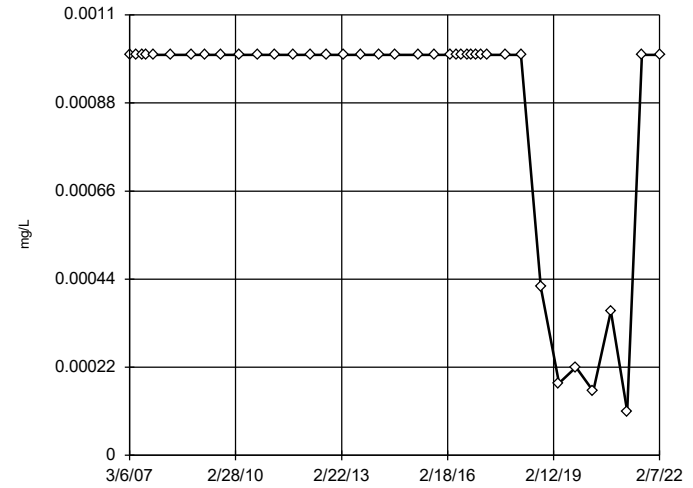
Tukey's Outlier Screening GWC-22



n = 39
 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 3/24/2022 3:29 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

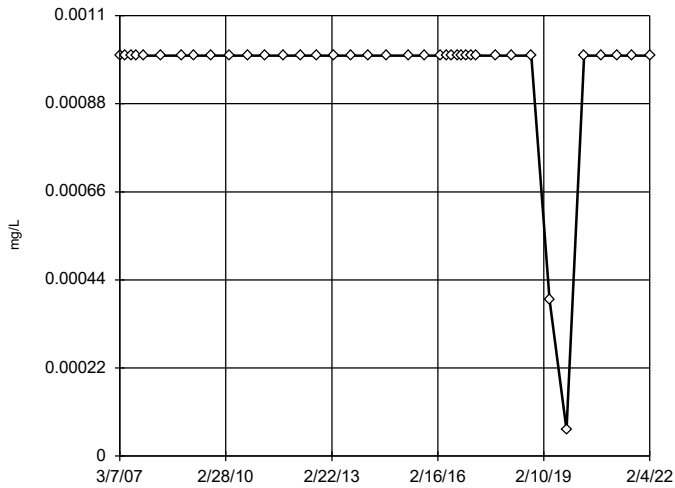
Tukey's Outlier Screening GWC-23



n = 39
 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 3/24/2022 3:29 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

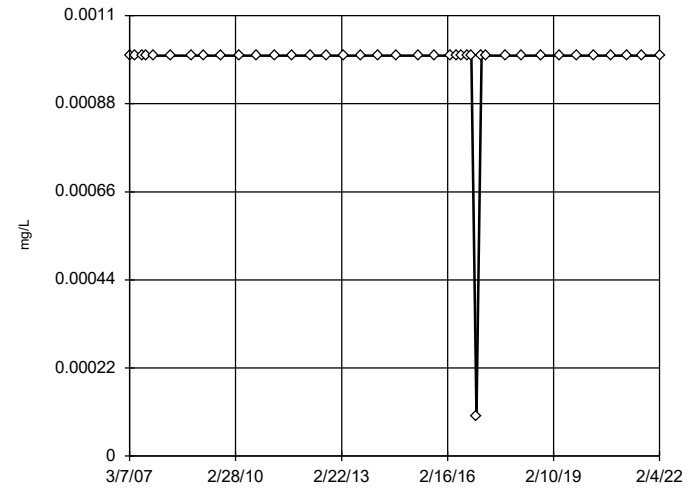
Tukey's Outlier Screening GWC-5



n = 39
 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 3/24/2022 3:29 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening GWC-6

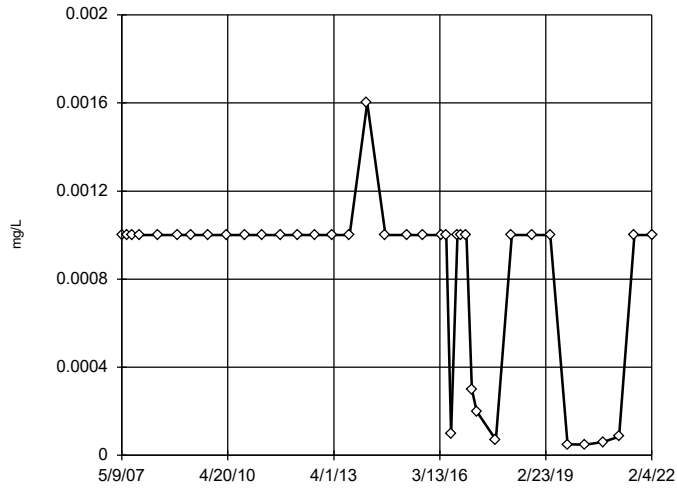


n = 39
 No outliers found.
 Tukey's method selected by user.
 Data were square transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 3/24/2022 3:29 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-7

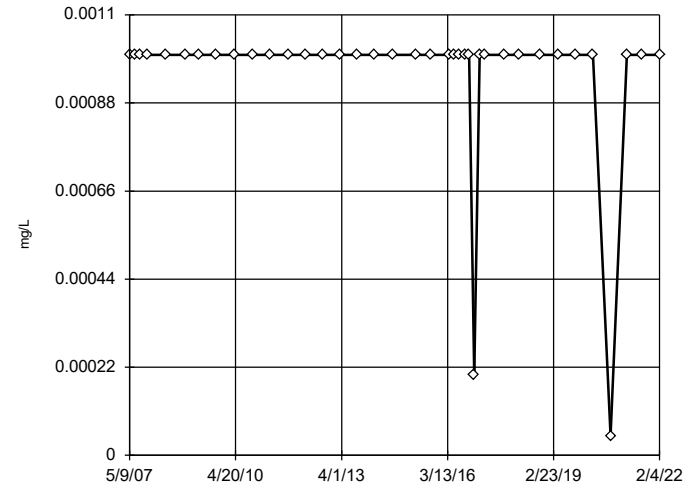


n = 38
 No outliers found.
 Tukey's method selected by user.
 Data were square transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 3/24/2022 3:29 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-8

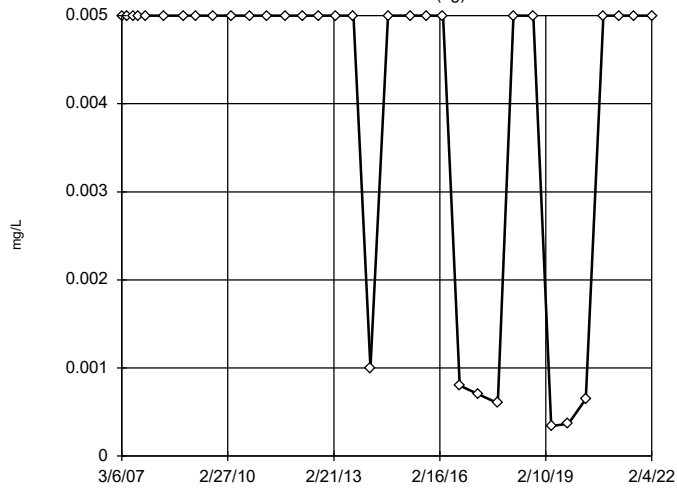


n = 38
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 3/24/2022 3:29 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWA-1 (bg)

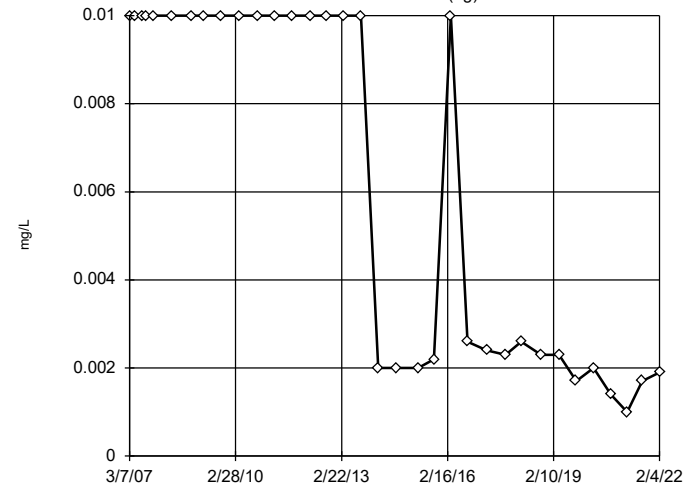


n = 34
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Nickel Analysis Run 3/24/2022 3:29 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

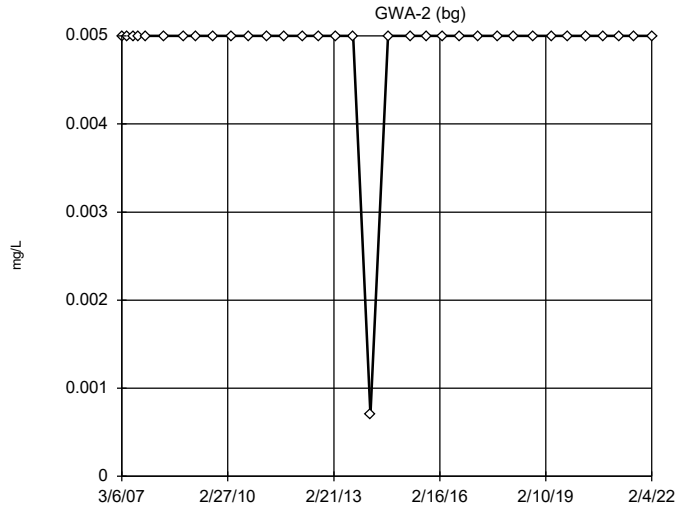
GWA-11 (bg)



n = 34
 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 = 1.25, low cutoff = 0.000016, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 3/24/2022 3:29 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

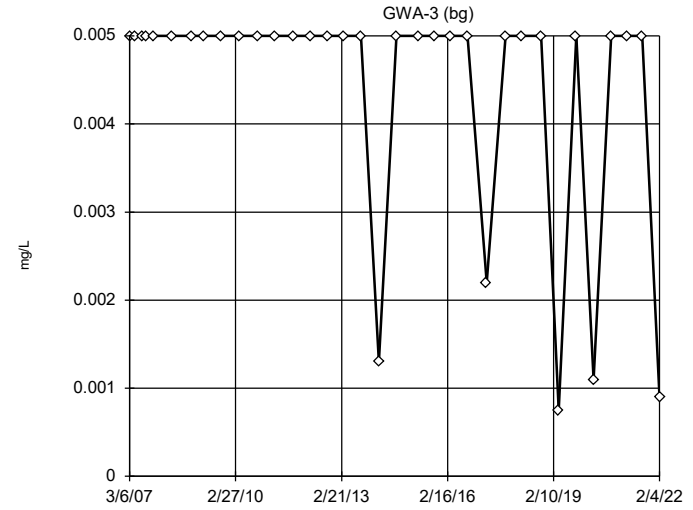
Tukey's Outlier Screening



n = 34
 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: Nickel Analysis Run 3/24/2022 3:29 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

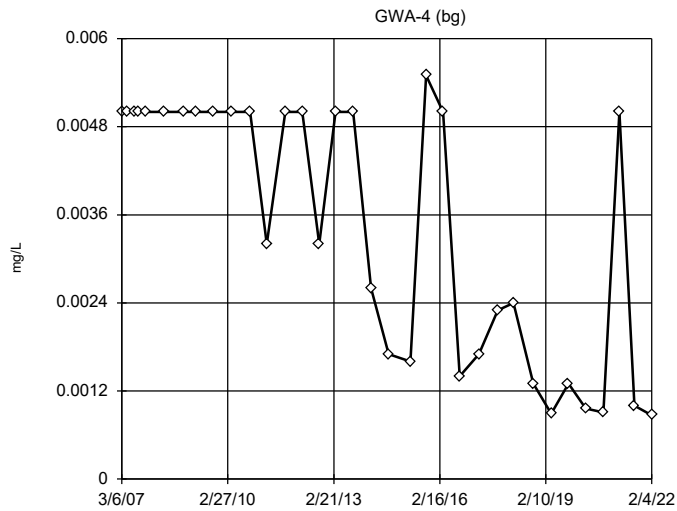
Tukey's Outlier Screening



n = 34
 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 3/24/2022 3:29 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

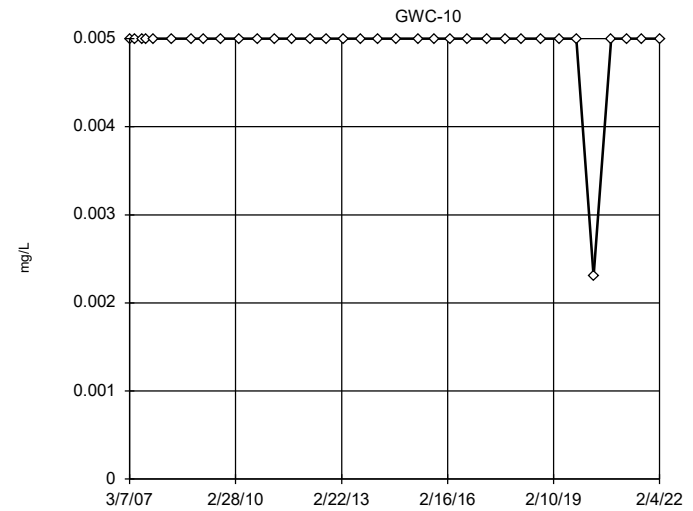
Tukey's Outlier Screening



n = 34
 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 3/24/2022 3:29 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

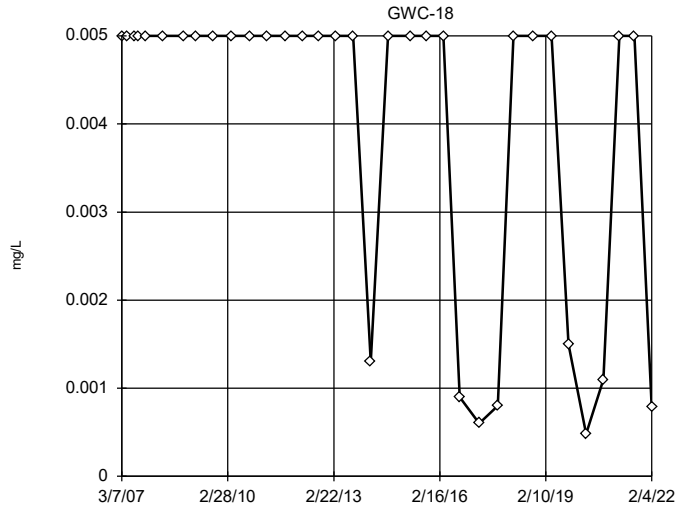
Tukey's Outlier Screening



n = 34
 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 3/24/2022 3:29 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

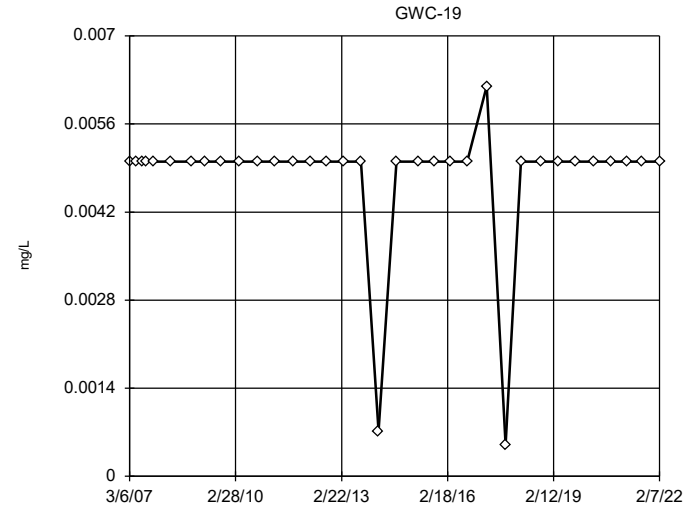
Tukey's Outlier Screening



n = 34
 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 = 0.03043,
 low cutoff = 0.00045,
 based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 3/24/2022 3:29 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

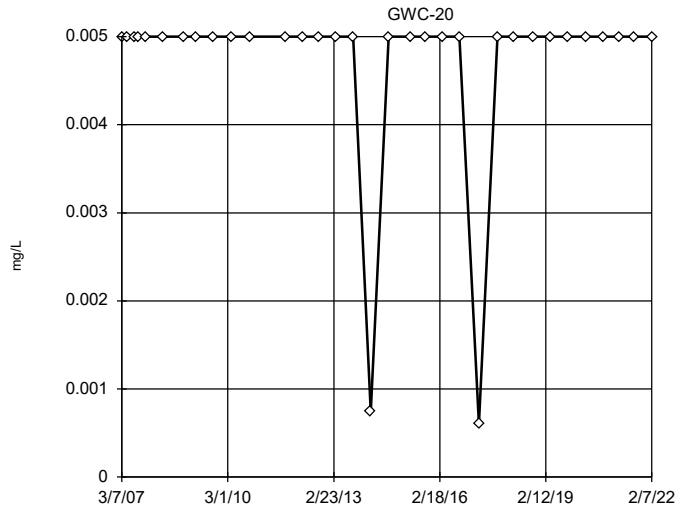
Tukey's Outlier Screening



n = 34
 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: Nickel Analysis Run 3/24/2022 3:29 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

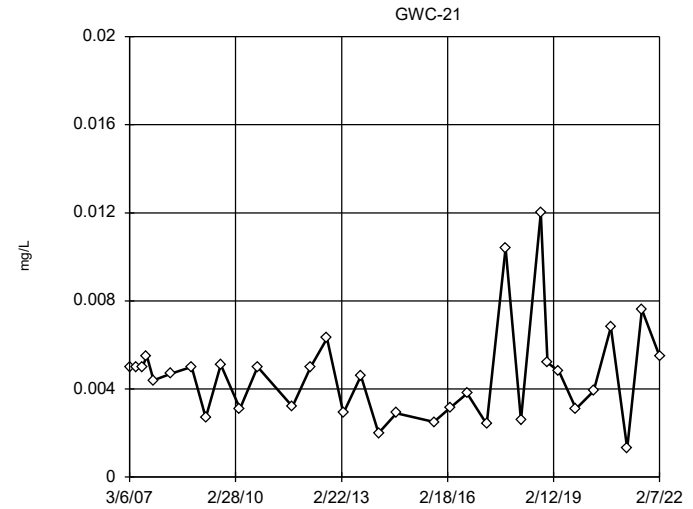
Tukey's Outlier Screening



n = 33
 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 3/24/2022 3:29 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

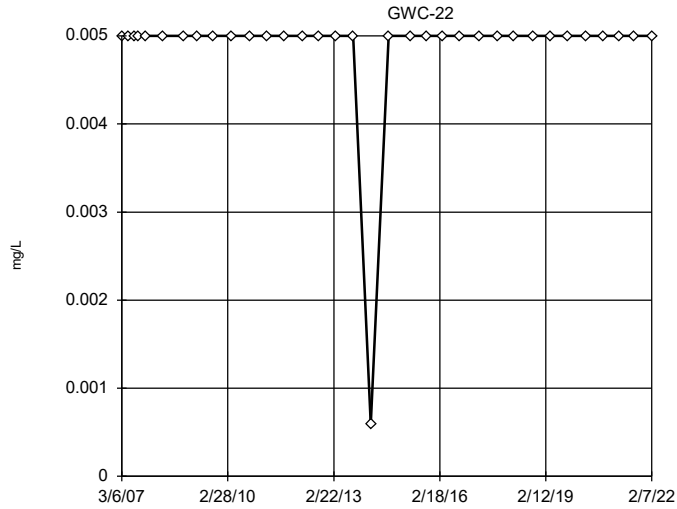
Tukey's Outlier Screening



n = 33
 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 = 0.02609,
 low cutoff = 0.0005918,
 based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 3/24/2022 3:29 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

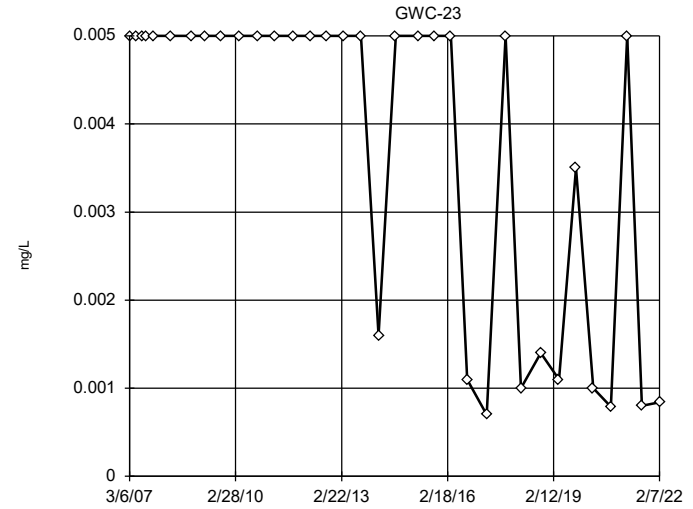
Tukey's Outlier Screening



n = 34
 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: Nickel Analysis Run 3/24/2022 3:29 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

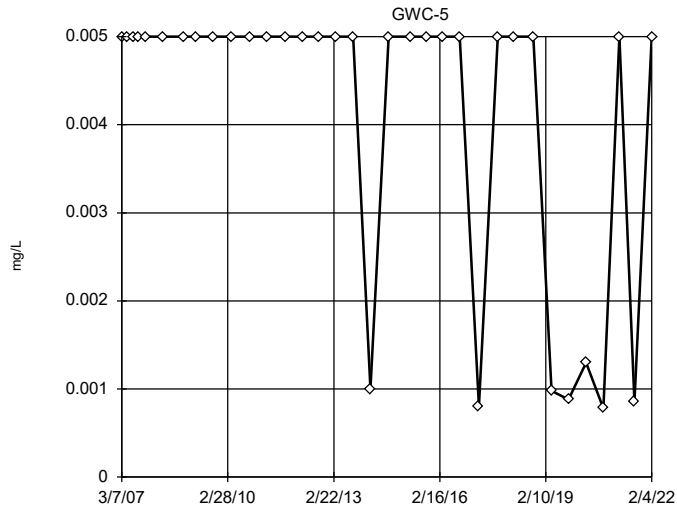
Tukey's Outlier Screening



n = 34
 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 = 0.327, low cutoff = 0.00001897, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 3/24/2022 3:29 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

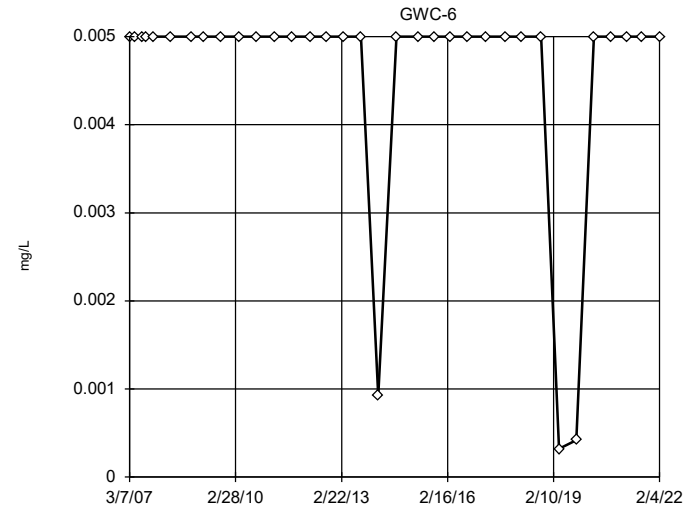
Tukey's Outlier Screening



n = 34
 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 3/24/2022 3:29 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

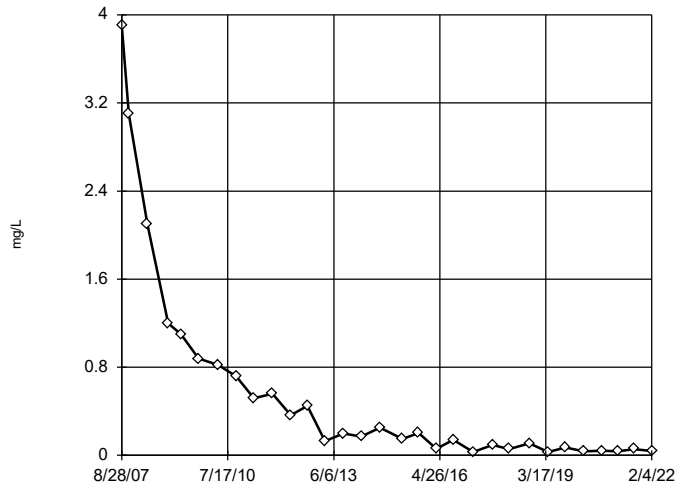
Tukey's Outlier Screening



n = 34
 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 3/24/2022 3:29 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

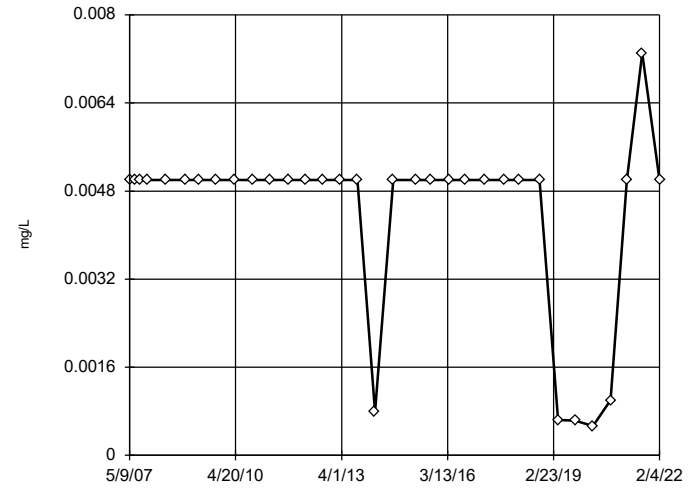
Tukey's Outlier Screening GWC-7



n = 31
 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 = 1451, low cutoff = 0.00002828, based on IQR multiplier of 3.

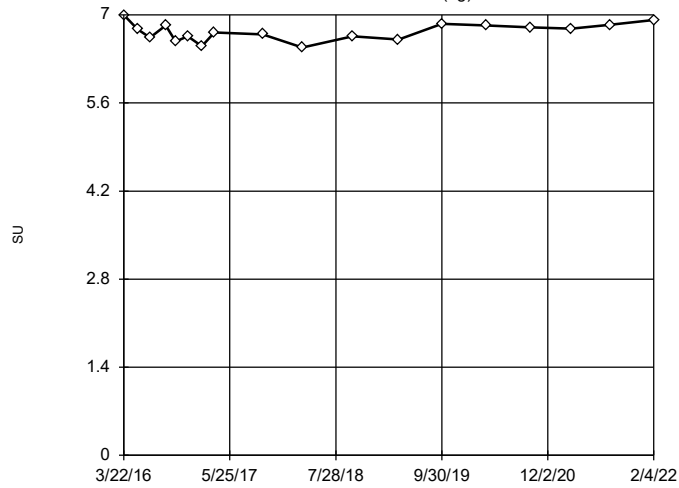
Constituent: Nickel Analysis Run 3/24/2022 3:29 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening GWC-8



Tukey's Outlier Screening

GWA-11 (bg)

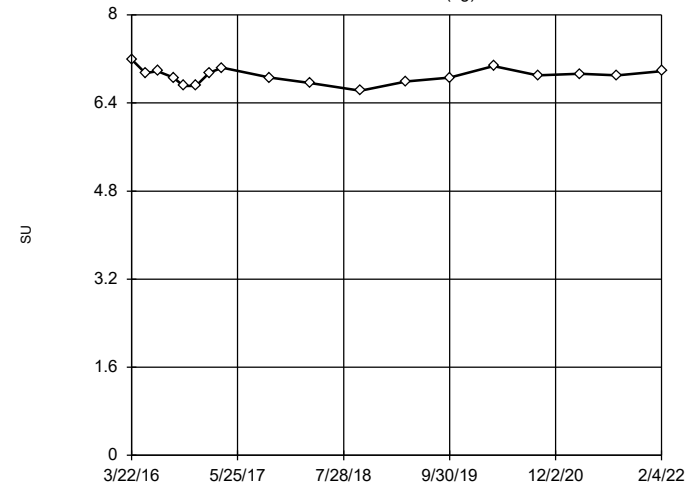


n = 18
 No outliers found.
 Tukey's method selected by user.
 Data were x^4 transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 7.37, low cutoff = 5.834, based on IQR multiplier of 3.

Constituent: pH Analysis Run 3/24/2022 3:29 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWA-2 (bg)

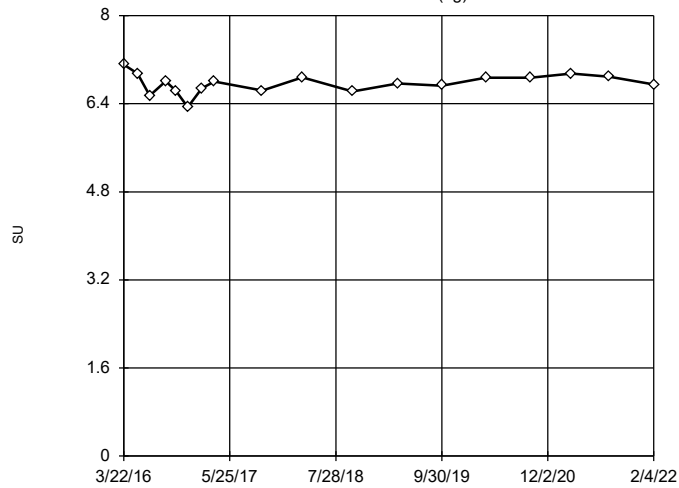


n = 18
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 7.613, low cutoff = 6.178, based on IQR multiplier of 3.

Constituent: pH Analysis Run 3/24/2022 3:29 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWA-3 (bg)

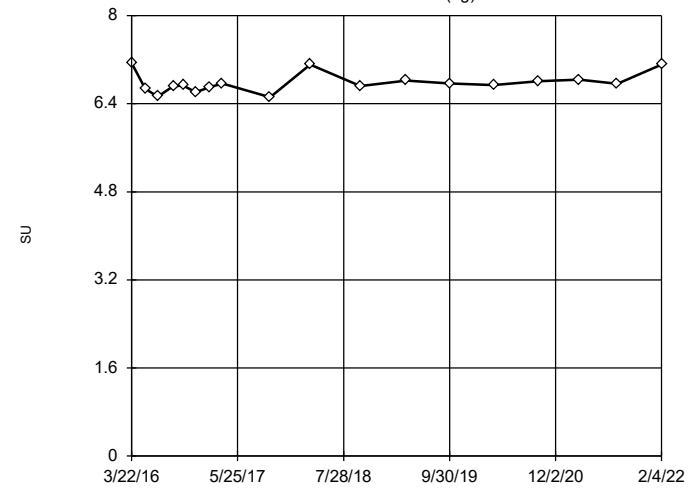


n = 18
 No outliers found.
 Tukey's method selected by user.
 Data were x^6 transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 7.435, low cutoff = 5.343, based on IQR multiplier of 3.

Constituent: pH Analysis Run 3/24/2022 3:29 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

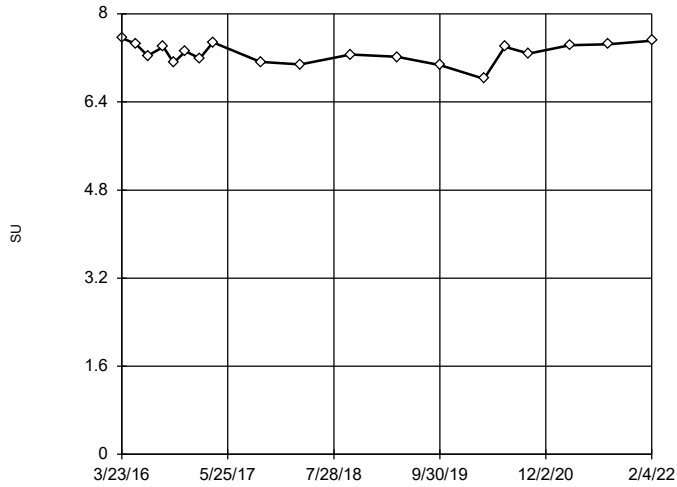
GWA-4 (bg)



n = 18
 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 = 7.284, low cutoff = 6.268, based on IQR multiplier of 3.

Constituent: pH Analysis Run 3/24/2022 3:29 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

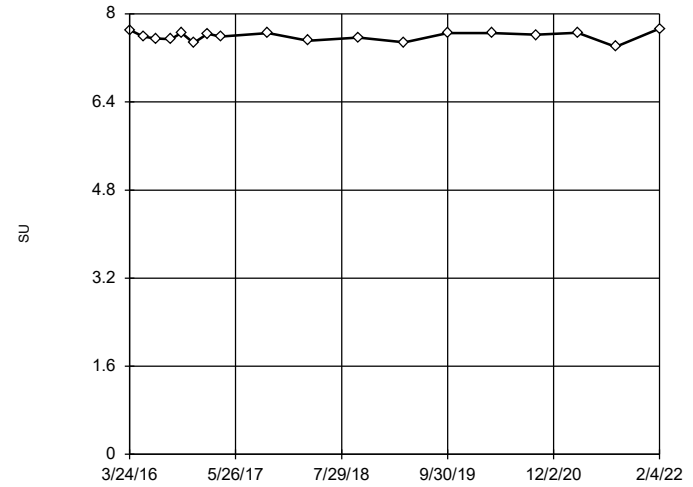
Tukey's Outlier Screening GWC-10



n = 19
 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 = 8.135, low cutoff = 4.824, based on IQR multiplier of 3.

Constituent: pH Analysis Run 3/24/2022 3:29 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

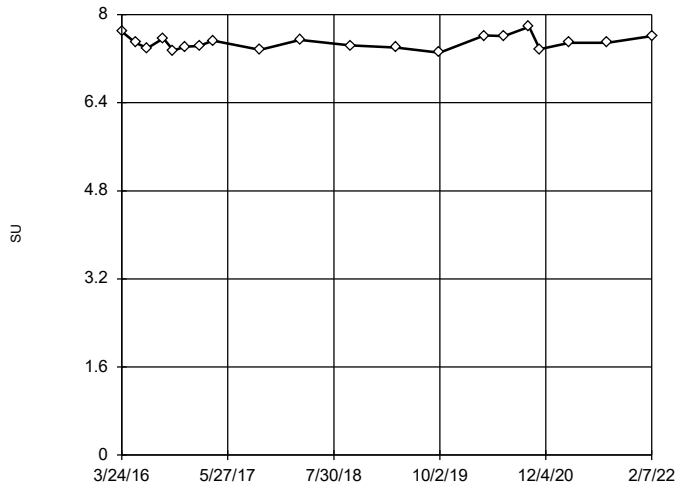
Tukey's Outlier Screening GWC-18



n = 18
 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 = 7.99, low cutoff = 7.049, based on IQR multiplier of 3.

Constituent: pH Analysis Run 3/24/2022 3:29 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

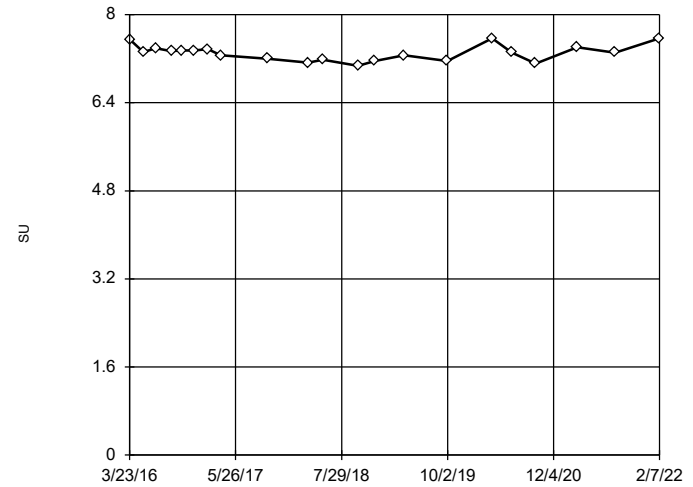
Tukey's Outlier Screening GWC-19



n = 20
 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 = 8.206, low cutoff = 6.84, based on IQR multiplier of 3.

Constituent: pH Analysis Run 3/24/2022 3:29 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

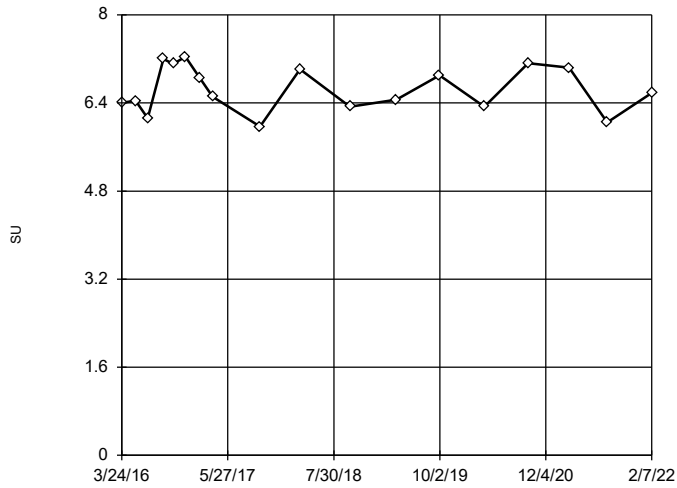
Tukey's Outlier Screening GWC-20



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 = 8.048, low cutoff = 6.575, based on IQR multiplier of 3.

Constituent: pH Analysis Run 3/24/2022 3:29 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

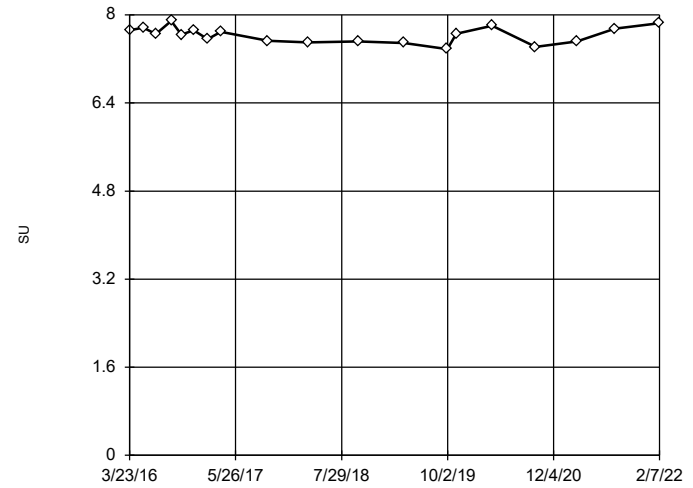
Tukey's Outlier Screening
GWC-21



n = 18
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 = 9.878, low cutoff = 4.534, based on IQR multiplier of 3.

Constituent: pH Analysis Run 3/24/2022 3:29 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

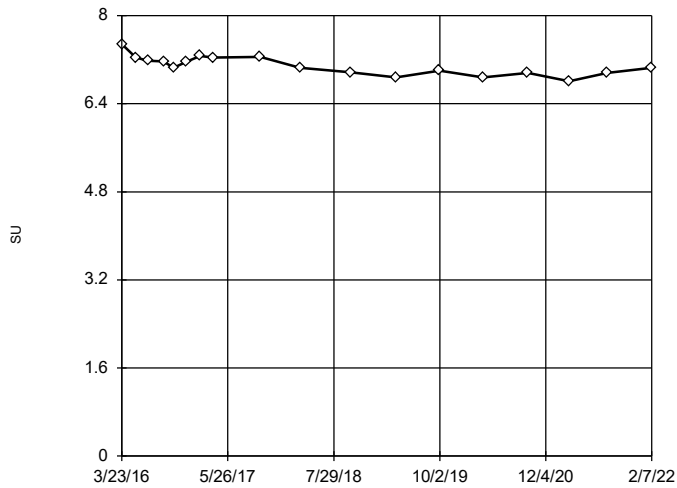
Tukey's Outlier Screening
GWC-22



n = 19
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 = 8.402, low cutoff = 6.783, based on IQR multiplier of 3.

Constituent: pH Analysis Run 3/24/2022 3:29 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

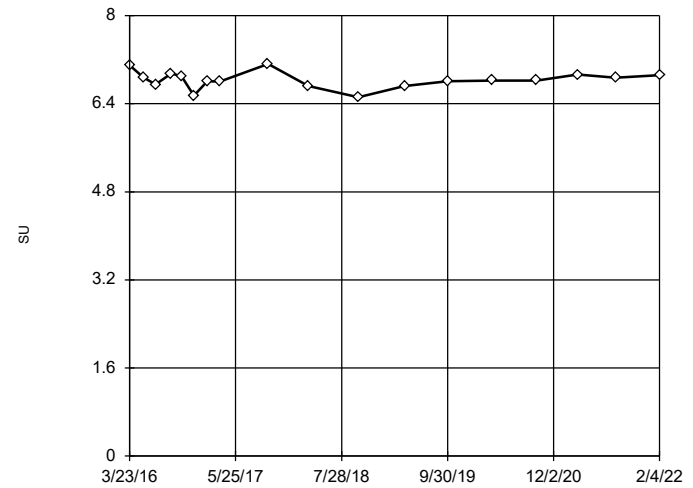
Tukey's Outlier Screening
GWC-23



n = 18
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 = 8.149, low cutoff = 6.183, based on IQR multiplier of 3.

Constituent: pH Analysis Run 3/24/2022 3:29 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening
GWC-5

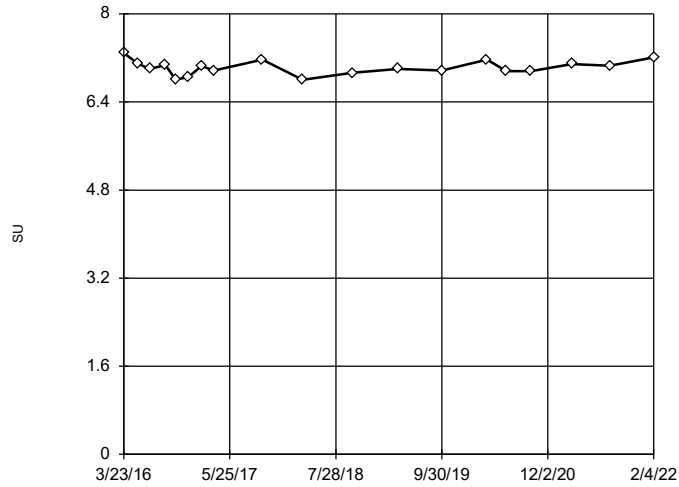


n = 18
No outliers found. Tukey's method selected by user.
Data were cube transformed to achieve best W statistic (graph shown in original units).
High cutoff = 7.44, low cutoff = 6.089, based on IQR multiplier of 3.

Constituent: pH Analysis Run 3/24/2022 3:29 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-6

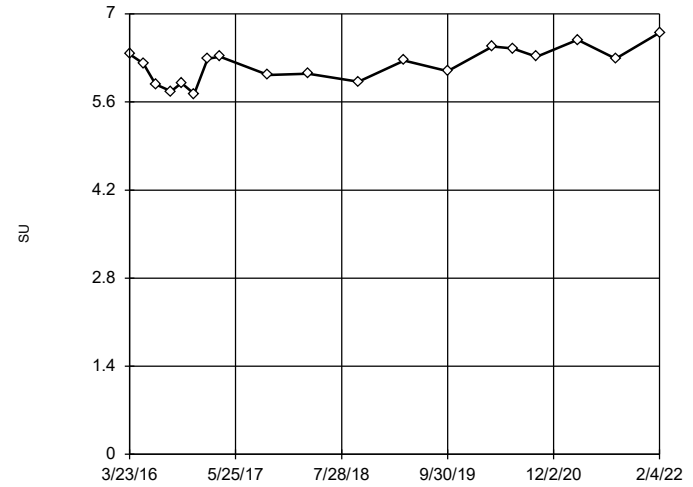


n = 19
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 7.537, low cutoff = 6.556, based on IQR multiplier of 3.

Constituent: pH Analysis Run 3/24/2022 3:29 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-7

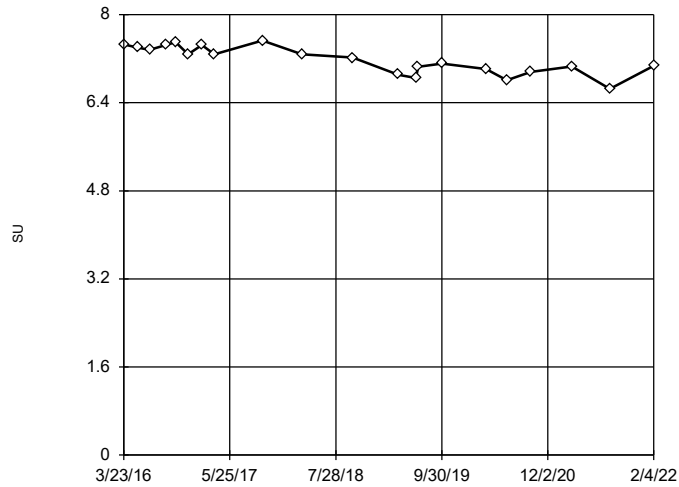


n = 19
 No outliers found.
 Tukey's method selected by user.
 Data were square transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 7.527, low cutoff = 4.34, based on IQR multiplier of 3.

Constituent: pH Analysis Run 3/24/2022 3:29 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-8

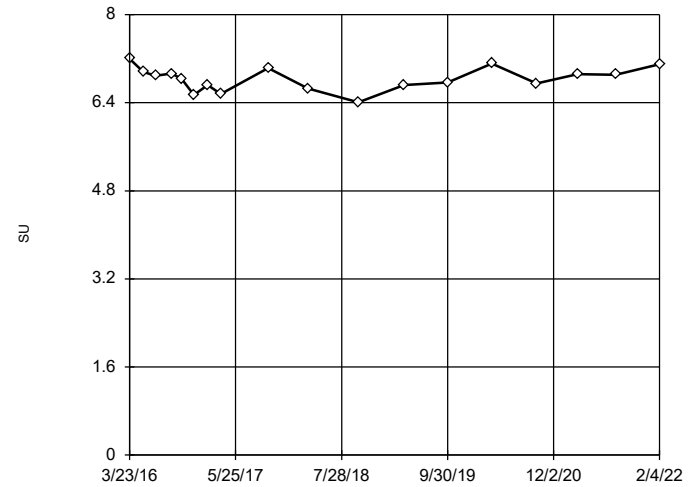


n = 21
 No outliers found.
 Tukey's method selected by user.
 Data were x^5 transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 8.342, low cutoff = 4.122, based on IQR multiplier of 3.

Constituent: pH Analysis Run 3/24/2022 3:29 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

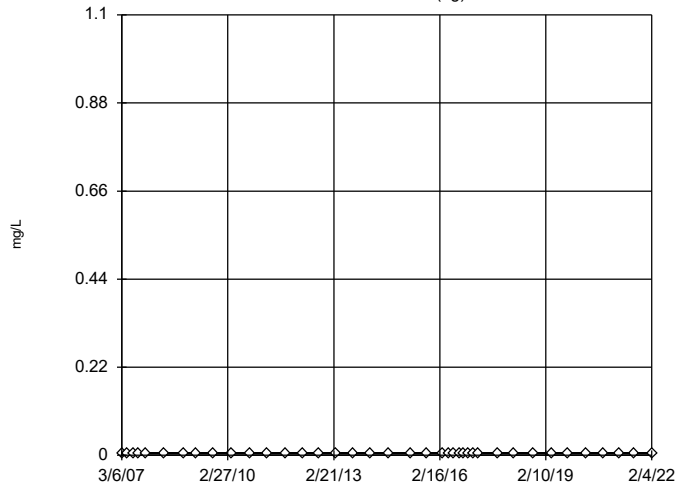
GWC-9



n = 18
 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 = 7.729, low cutoff = 5.367, based on IQR multiplier of 3.

Constituent: pH Analysis Run 3/24/2022 3:29 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

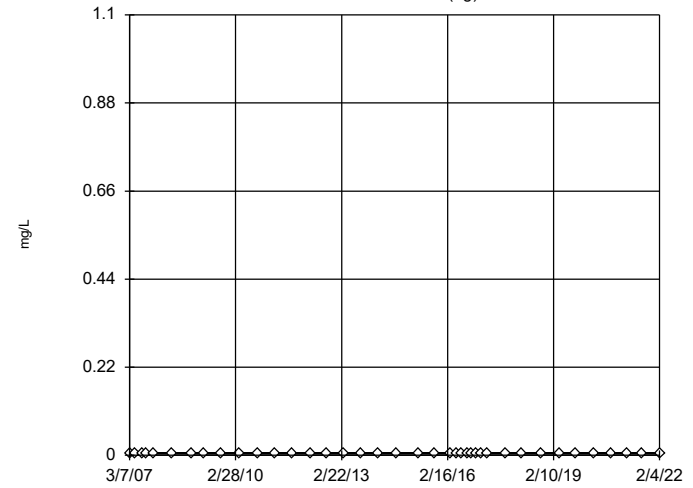
Tukey's Outlier Screening GWA-1 (bg)



n = 39
 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 3/24/2022 3:29 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

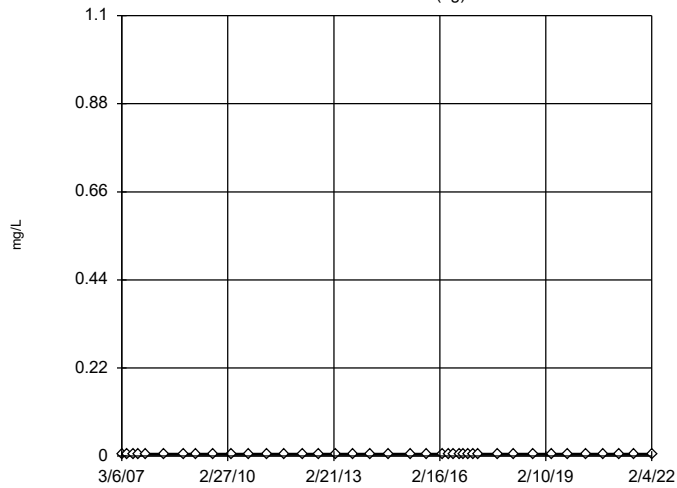
Tukey's Outlier Screening GWA-11 (bg)



n = 39
 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 3/24/2022 3:29 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

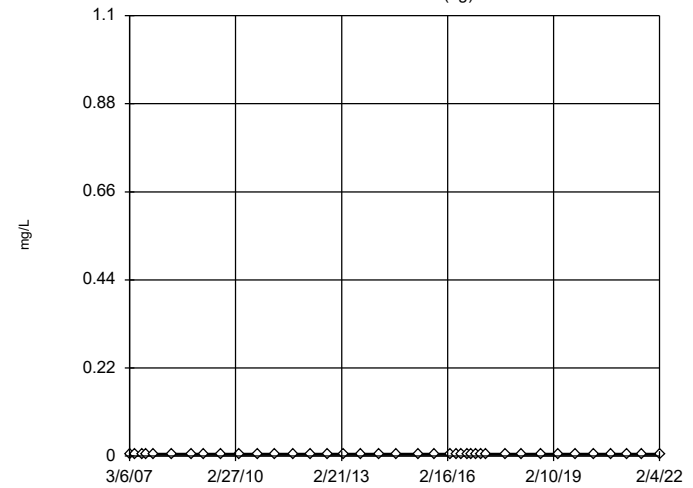
Tukey's Outlier Screening GWA-2 (bg)



n = 39
 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 3/24/2022 3:29 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

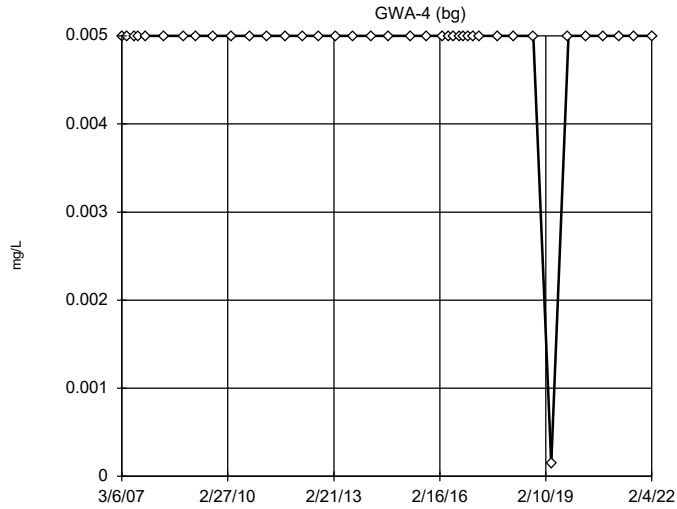
Tukey's Outlier Screening GWA-3 (bg)



n = 39
 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 3/24/2022 3:29 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

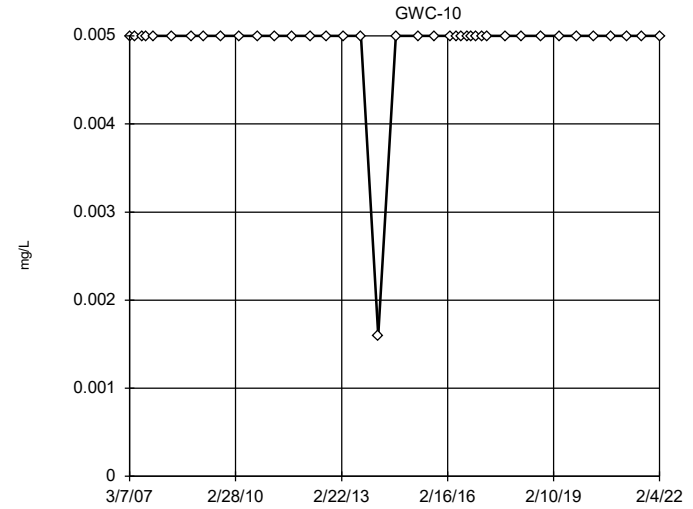
Tukey's Outlier Screening



n = 39
 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: Selenium Analysis Run 3/24/2022 3:29 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

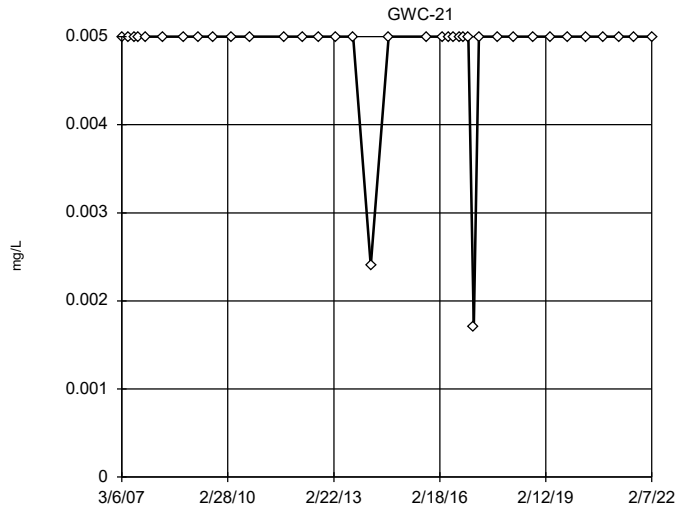
Tukey's Outlier Screening



n = 39
 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: Selenium Analysis Run 3/24/2022 3:29 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

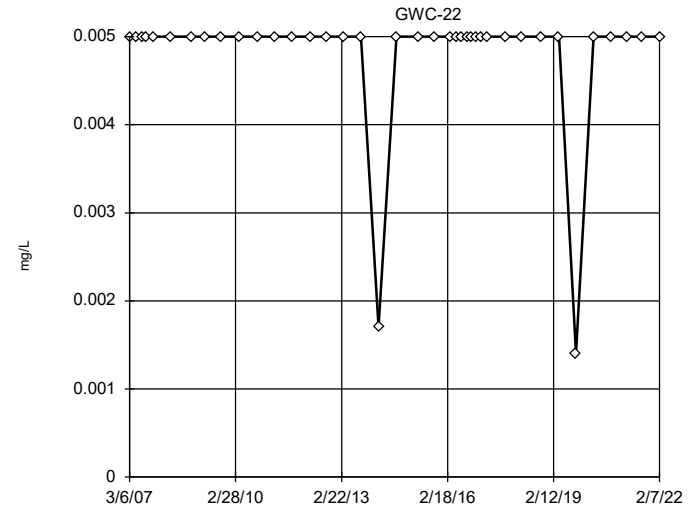
Tukey's Outlier Screening



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.

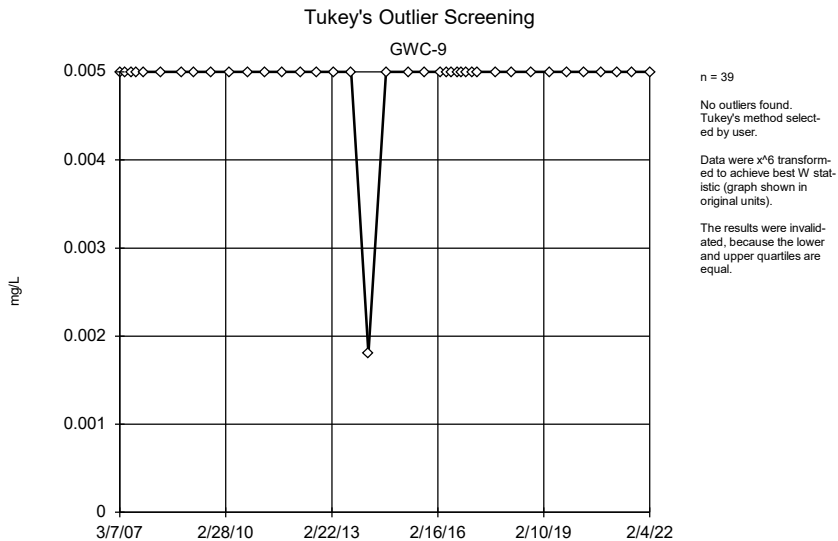
Constituent: Selenium Analysis Run 3/24/2022 3:29 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

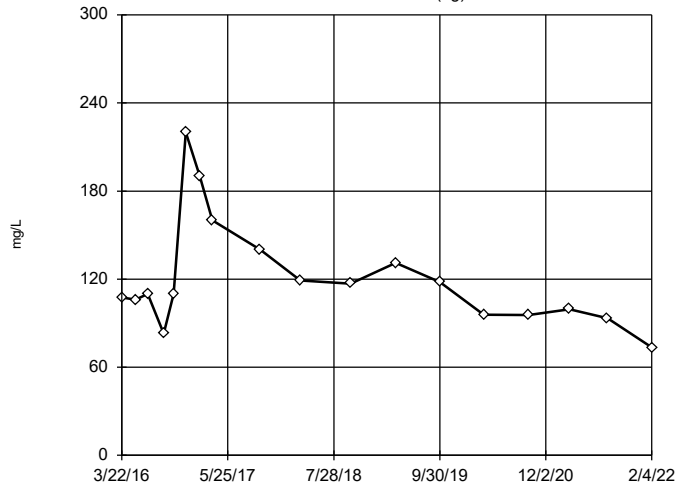


n = 39
 No outliers found. Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 3/24/2022 3:29 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill



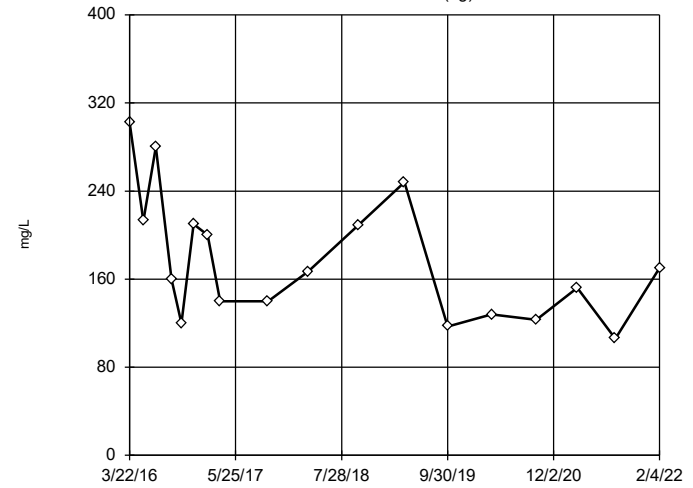
Tukey's Outlier Screening
GWA-3 (bg)



n = 18
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 = 383.8, low cutoff = 33.77, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 3/24/2022 3:30 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

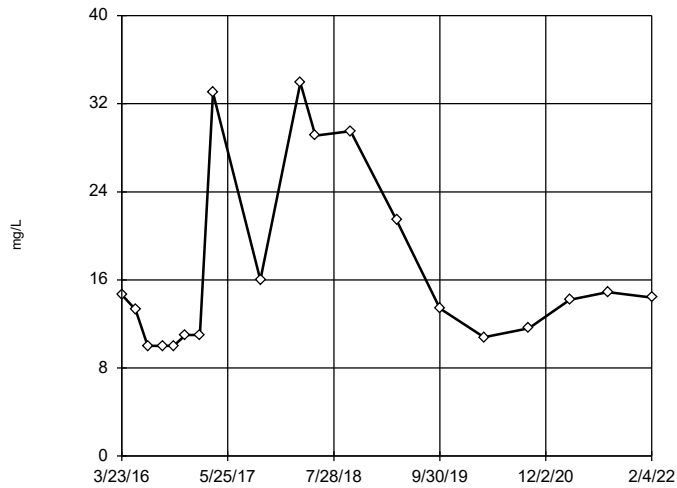
Tukey's Outlier Screening
GWA-4 (bg)



n = 18
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 = 1013, low cutoff = 26.2, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 3/24/2022 3:30 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

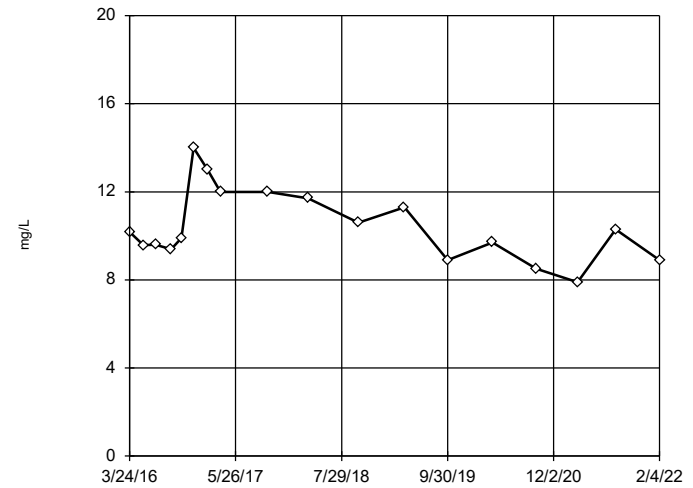
Tukey's Outlier Screening
GWC-10



n = 19
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 = 157.6, low cutoff = 1.494, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 3/24/2022 3:30 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

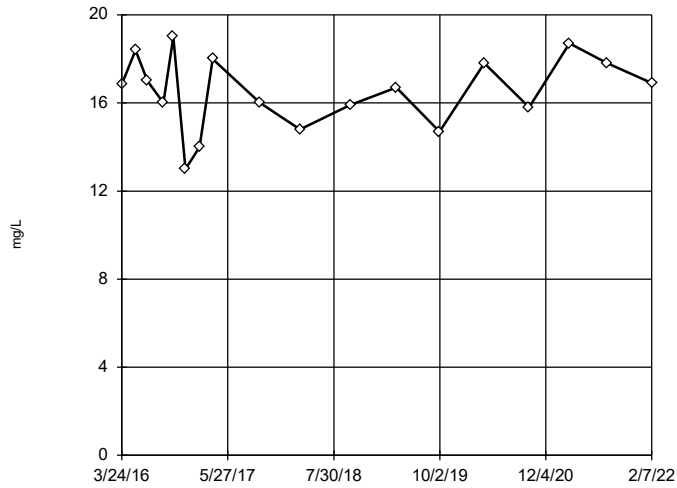
Tukey's Outlier Screening
GWC-18



n = 18
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 = 25.76, low cutoff = 4.207, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 3/24/2022 3:30 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

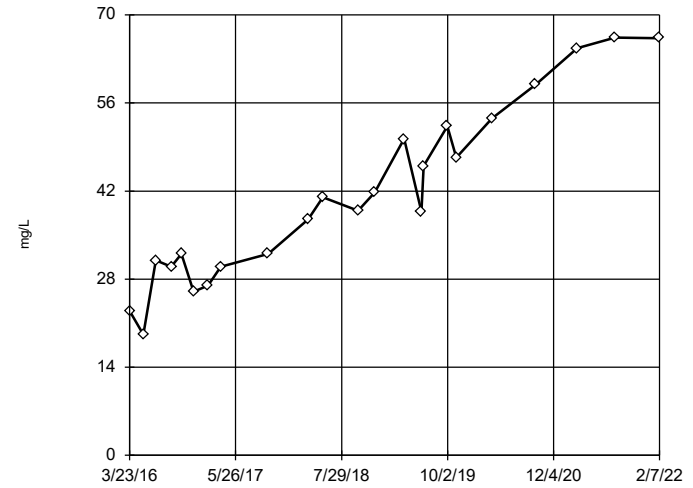
Tukey's Outlier Screening
GWC-19



n = 18
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 = 23, low cutoff = -14.15, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 3/24/2022 3:30 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

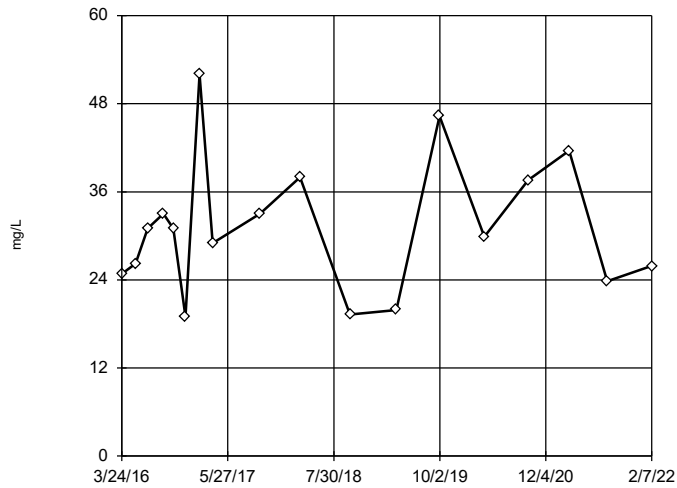
Tukey's Outlier Screening
GWC-20



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 = 277.1, low cutoff = 5.662, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 3/24/2022 3:30 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

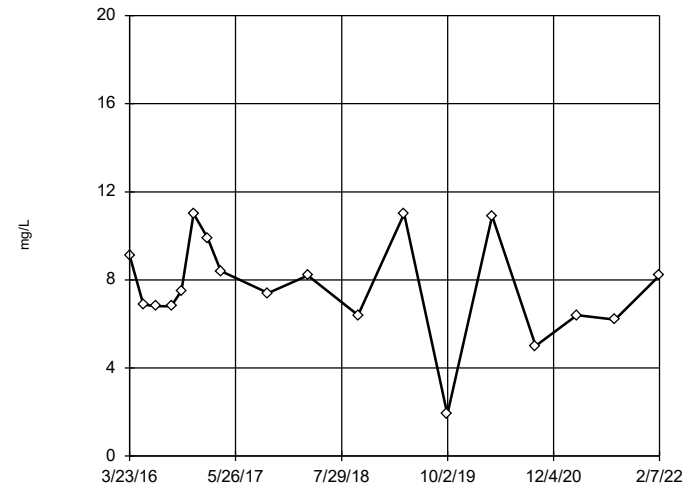
Tukey's Outlier Screening
GWC-21



n = 18
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 = 142.3, low cutoff = 6.455, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 3/24/2022 3:30 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

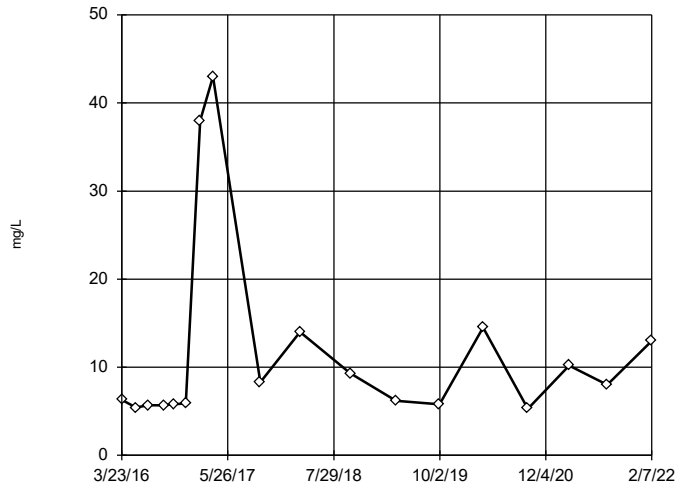
Tukey's Outlier Screening
GWC-22



n = 18
No outliers found. Tukey's method selected by user.
Ladder of Powers transformations did not improve normality; analysis run on raw data.
High cutoff = 18.84, low cutoff = -2.927, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 3/24/2022 3:30 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

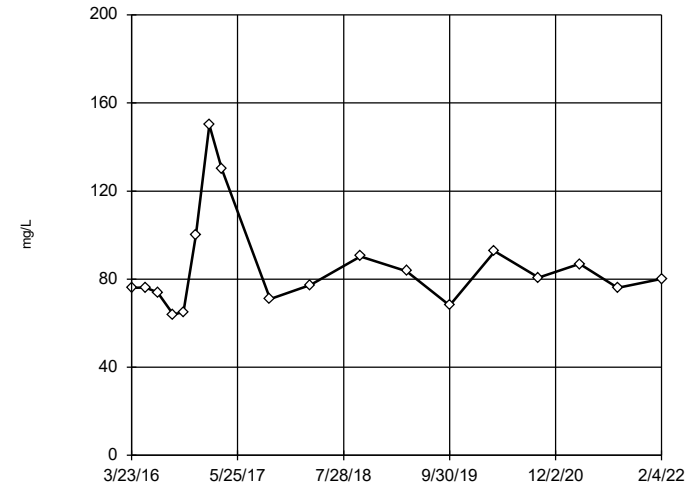
Tukey's Outlier Screening GWC-23



n = 18
 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 = 174.3, low cutoff = 0.4451, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 3/24/2022 3:30 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

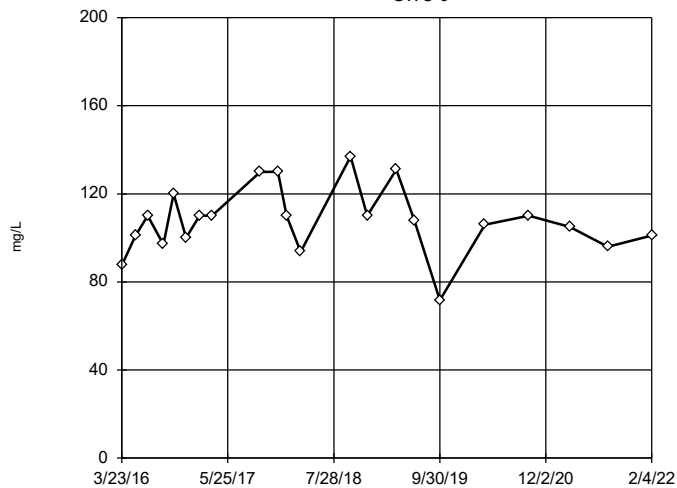
Tukey's Outlier Screening GWC-5



n = 18
 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 = 183.6, low cutoff = 36.1, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 3/24/2022 3:30 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

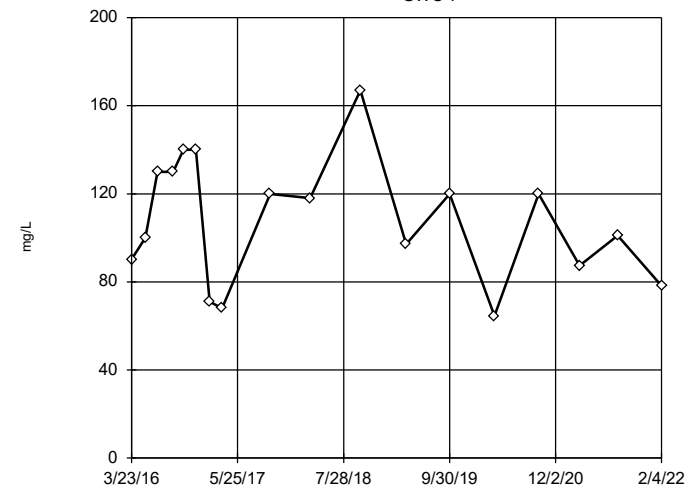
Tukey's Outlier Screening GWC-6



n = 22
 No outliers found.
 Tukey's method selected by user.
 Ladder of Powers transformations did not improve normality; analysis run on raw data.
 High cutoff = 164.5, low cutoff = 49, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 3/24/2022 3:30 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

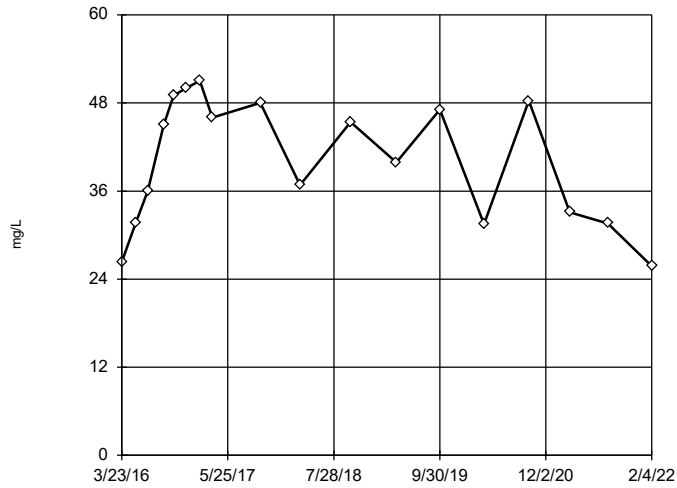
Tukey's Outlier Screening GWC-7



n = 18
 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 = 335.3, low cutoff = 4.795, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 3/24/2022 3:30 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

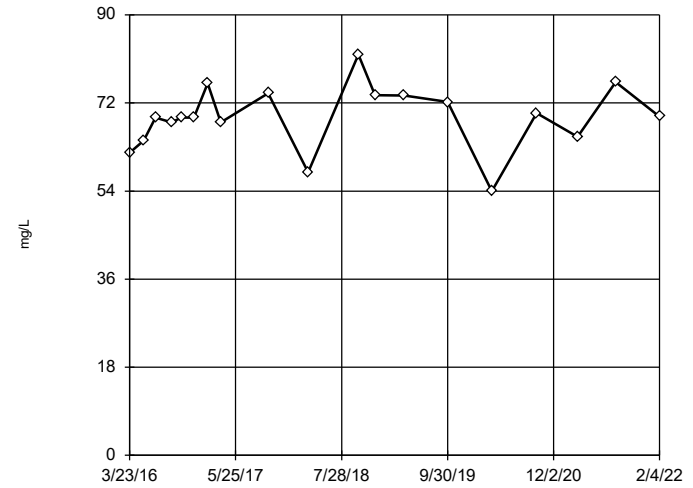
Tukey's Outlier Screening
GWC-8



n = 18
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 = 79.17, low cutoff = -54.3, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 3/24/2022 3:30 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

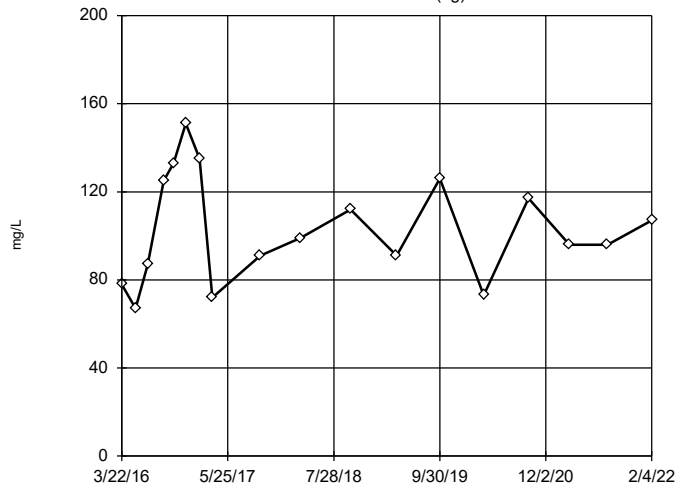
Tukey's Outlier Screening
GWC-9



n = 19
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 = 91.54, low cutoff = -45.22, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 3/24/2022 3:30 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

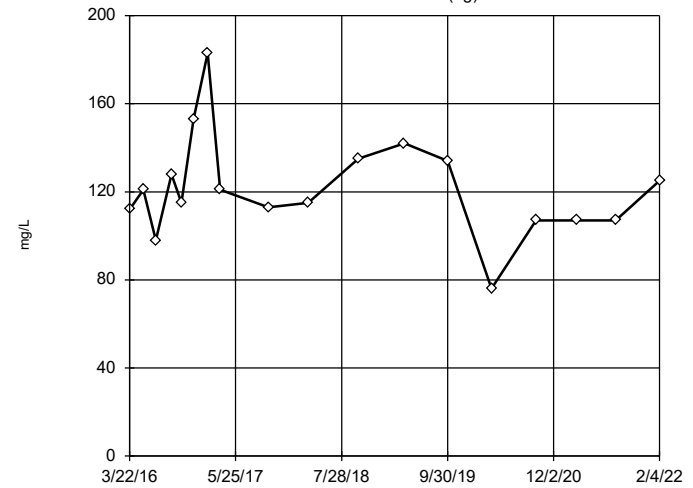
Tukey's Outlier Screening
GWA-1 (bg)



n = 18
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 = 338.8, low cutoff = 13.61, based on IQR multiplier of 3.

Constituent: Total Dissolved Solids Analysis Run 3/24/2022 3:30 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

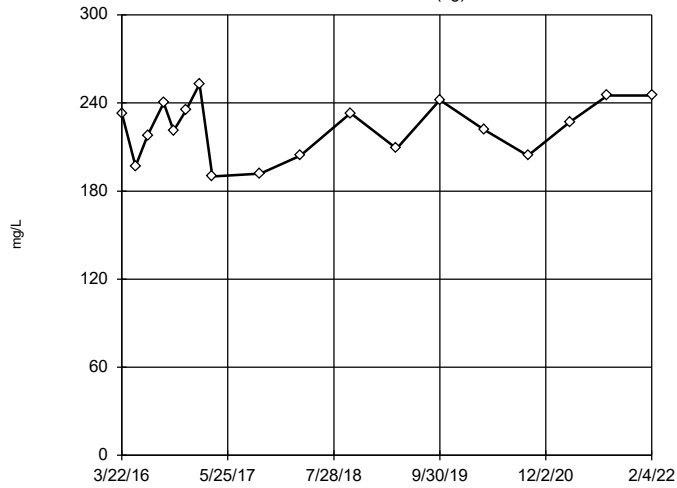
Tukey's Outlier Screening
GWA-11 (bg)



n = 18
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 = 267.1, low cutoff = 53.87, based on IQR multiplier of 3.

Constituent: Total Dissolved Solids Analysis Run 3/24/2022 3:30 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

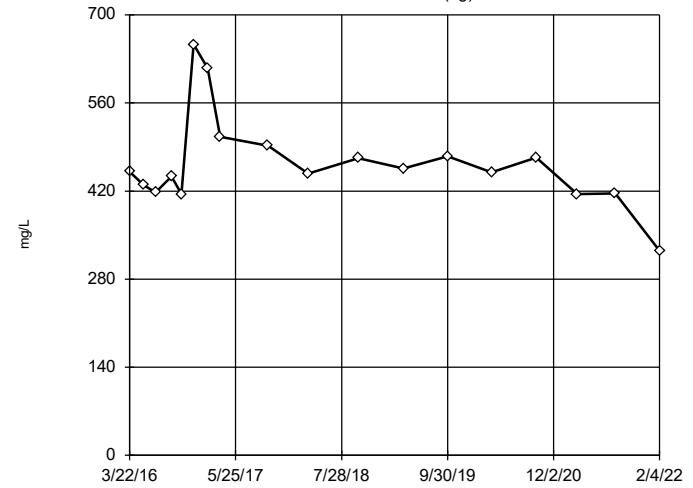
Tukey's Outlier Screening
GWA-2 (bg)



n = 18
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 = 301.8, low cutoff = -237.7, based on IQR multiplier of 3.

Constituent: Total Dissolved Solids Analysis Run 3/24/2022 3:30 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

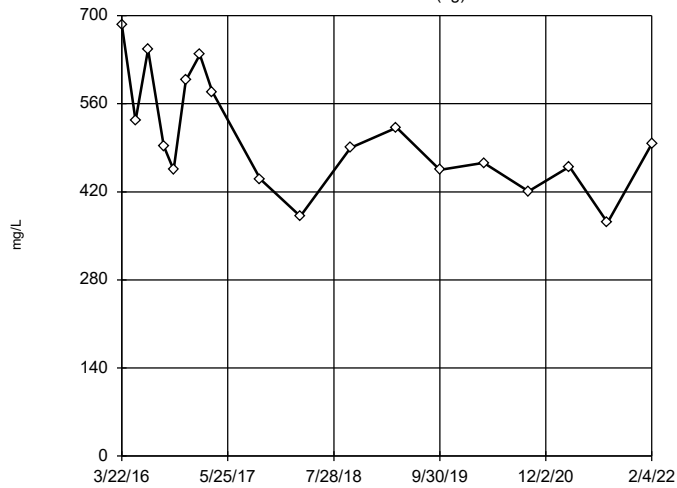
Tukey's Outlier Screening
GWA-3 (bg)



n = 18
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 = 753.2, low cutoff = 267.6, based on IQR multiplier of 3.

Constituent: Total Dissolved Solids Analysis Run 3/24/2022 3:30 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

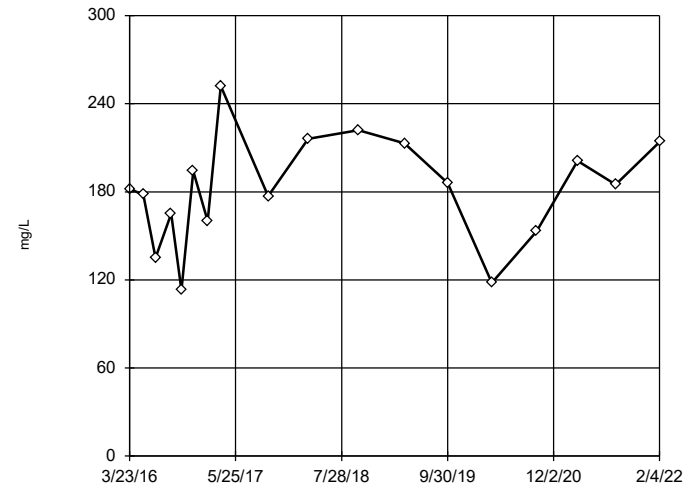
Tukey's Outlier Screening
GWA-4 (bg)



n = 18
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 = 1334, low cutoff = 197.2, based on IQR multiplier of 3.

Constituent: Total Dissolved Solids Analysis Run 3/24/2022 3:30 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

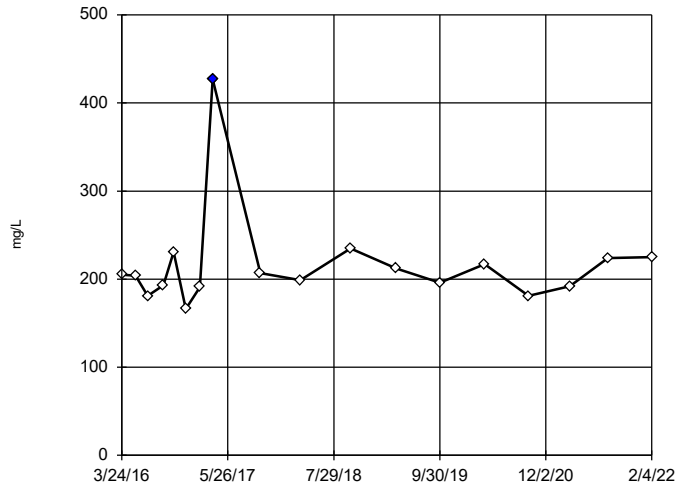
Tukey's Outlier Screening
GWC-10



n = 18
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 = 329.9, low cutoff = -196.8, based on IQR multiplier of 3.

Constituent: Total Dissolved Solids Analysis Run 3/24/2022 3:30 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

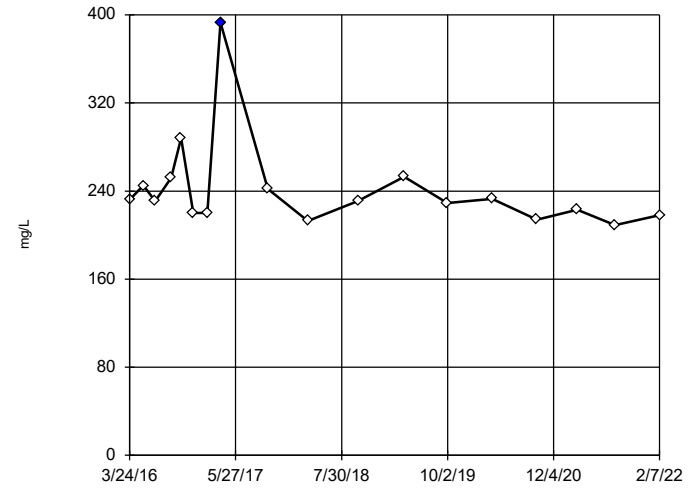
Tukey's Outlier Screening
GWC-18



n = 18
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 = 361.7, low cutoff = 118.9, based on IQR multiplier of 3.

Constituent: Total Dissolved Solids Analysis Run 3/24/2022 3:30 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

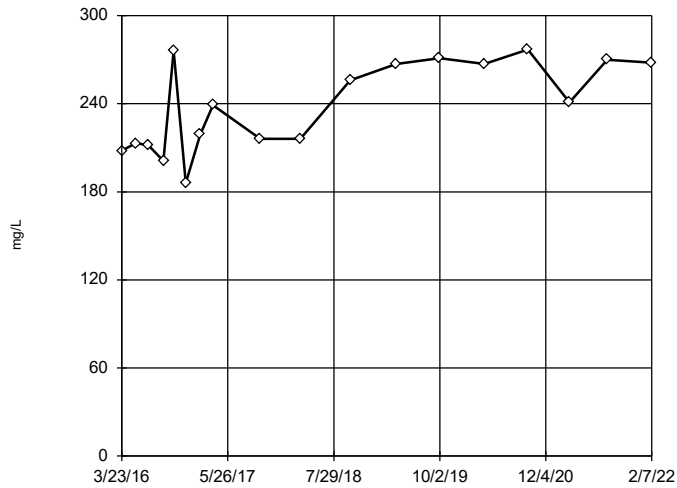
Tukey's Outlier Screening
GWC-19



n = 18
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 = 362.9, low cutoff = 149.9, based on IQR multiplier of 3.

Constituent: Total Dissolved Solids Analysis Run 3/24/2022 3:30 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

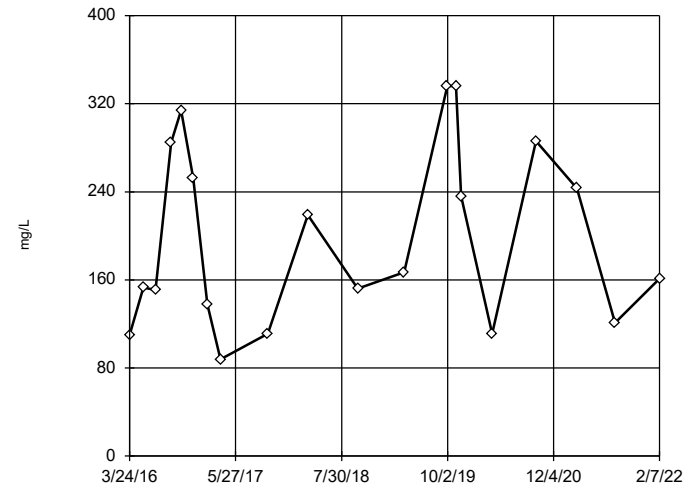
Tukey's Outlier Screening
GWC-20



n = 18
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 = 545.7, low cutoff = 104.8, based on IQR multiplier of 3.

Constituent: Total Dissolved Solids Analysis Run 3/24/2022 3:30 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

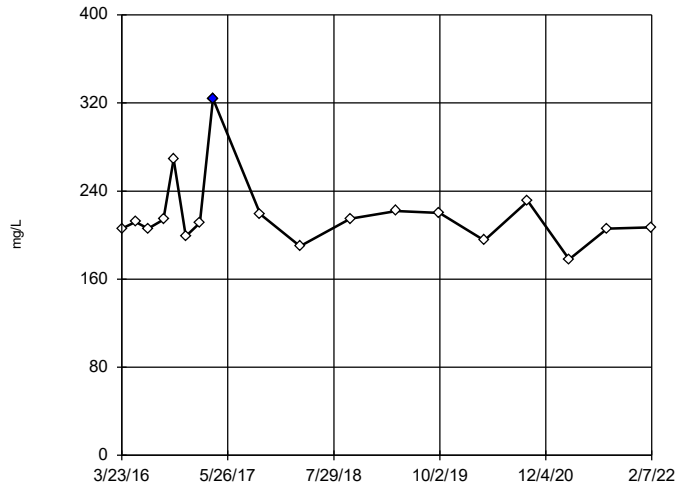
Tukey's Outlier Screening
GWC-21



n = 20
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 = 2391, low cutoff = 14.49, based on IQR multiplier of 3.

Constituent: Total Dissolved Solids Analysis Run 3/24/2022 3:30 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

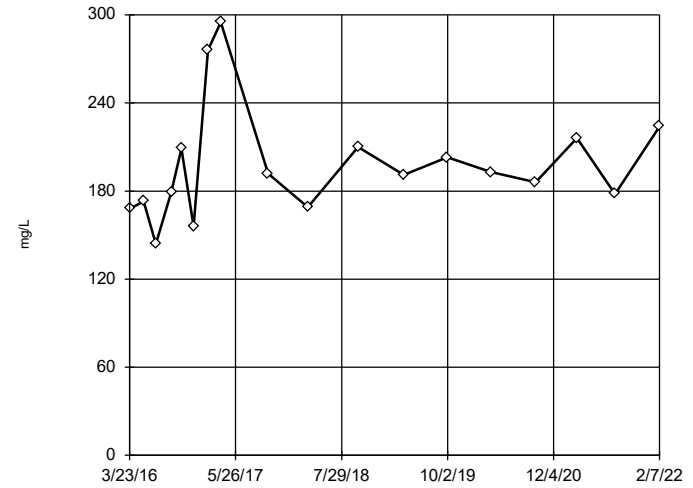
Tukey's Outlier Screening
GWC-22



n = 18
 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 = 287.4, low cutoff = 155.7, based on IQR multiplier of 3.

Constituent: Total Dissolved Solids Analysis Run 3/24/2022 3:30 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

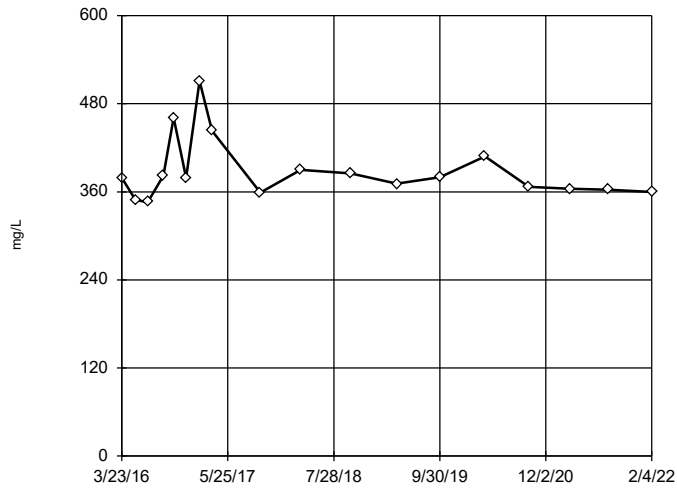
Tukey's Outlier Screening
GWC-23



n = 18
 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.

Constituent: Total Dissolved Solids Analysis Run 3/24/2022 3:30 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

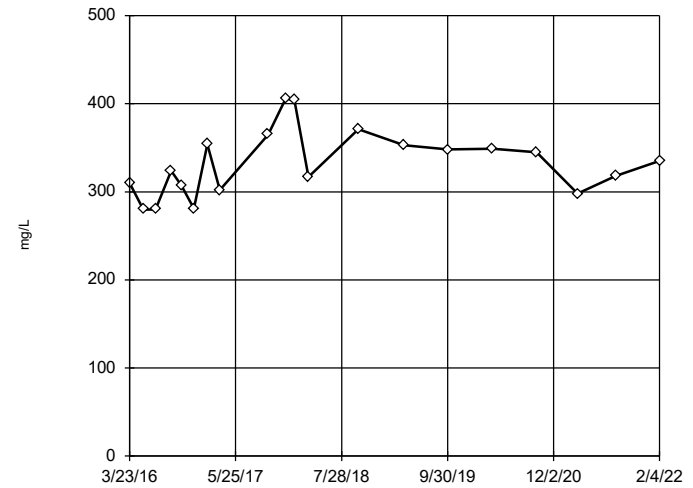
Tukey's Outlier Screening
GWC-5



n = 18
 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 = 536, low cutoff = 269, based on IQR multiplier of 3.

Constituent: Total Dissolved Solids Analysis Run 3/24/2022 3:30 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening
GWC-6

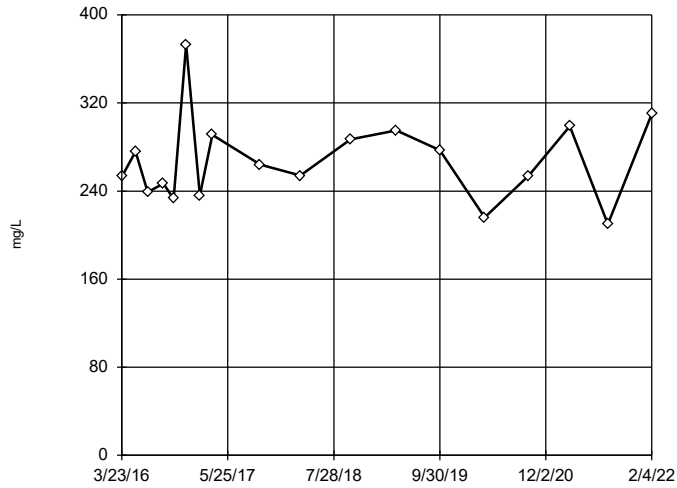


n = 20
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 553.1, low cutoff = 194.6, based on IQR multiplier of 3.

Constituent: Total Dissolved Solids Analysis Run 3/24/2022 3:30 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-7



n = 18

No outliers found. Tukey's method selected by user.

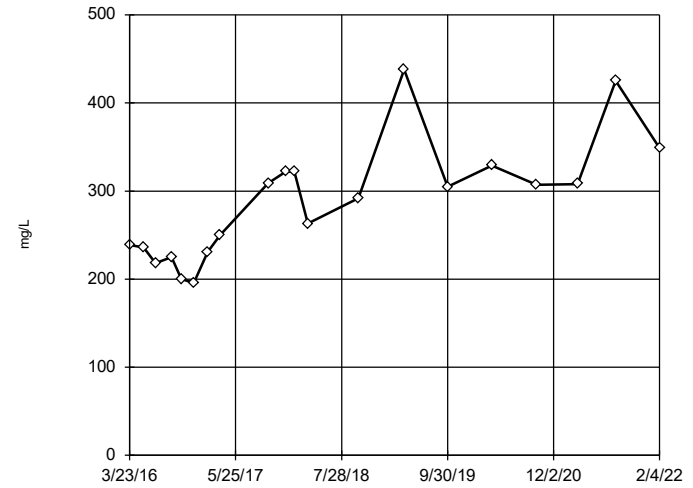
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 550.1, low cutoff = 126.5, based on IQR multiplier of 3.

Constituent: Total Dissolved Solids Analysis Run 3/24/2022 3:30 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-8



n = 20

No outliers found. Tukey's method selected by user.

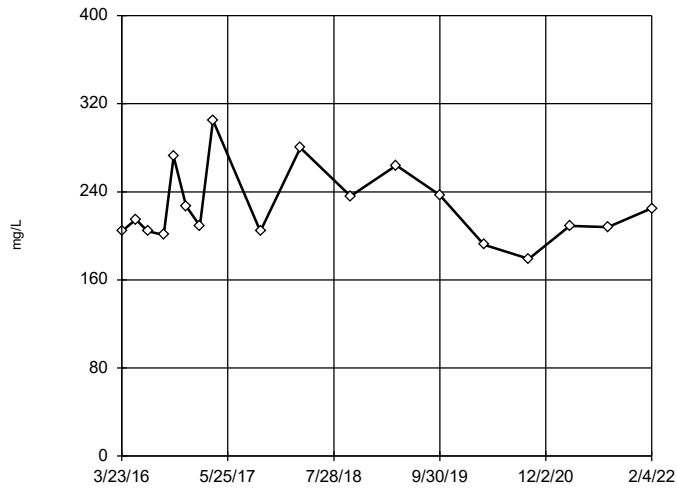
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 844.6, low cutoff = 89.02, based on IQR multiplier of 3.

Constituent: Total Dissolved Solids Analysis Run 3/24/2022 3:30 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-9



n = 18

No outliers found. Tukey's method selected by user.

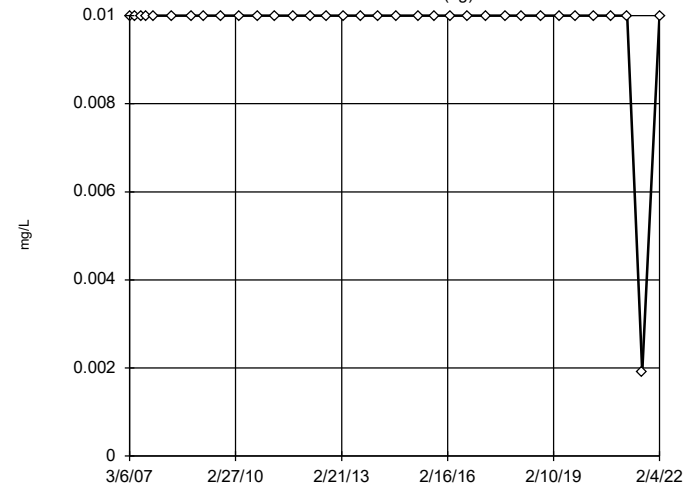
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 461.1, low cutoff = 110.7, based on IQR multiplier of 3.

Constituent: Total Dissolved Solids Analysis Run 3/24/2022 3:30 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWA-1 (bg)



n = 34

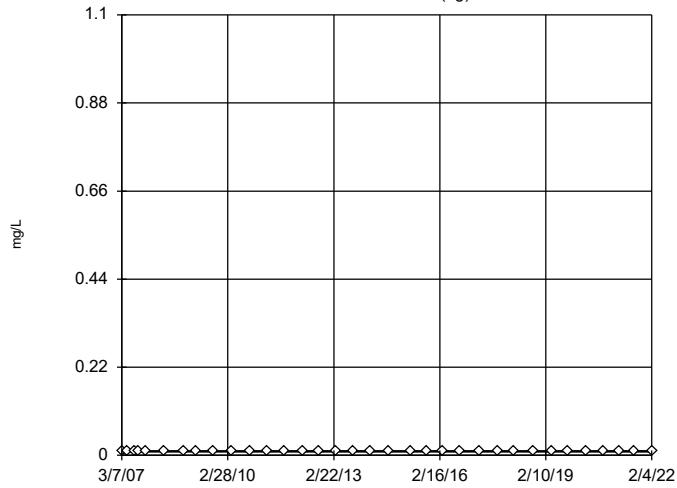
No outliers found. Tukey's method selected by user.

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 3/24/2022 3:30 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

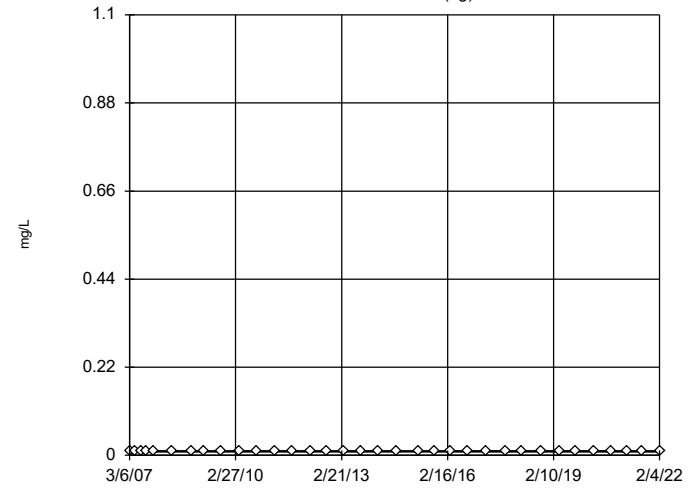
Tukey's Outlier Screening GWA-11 (bg)



n = 34
 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 3/24/2022 3:30 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

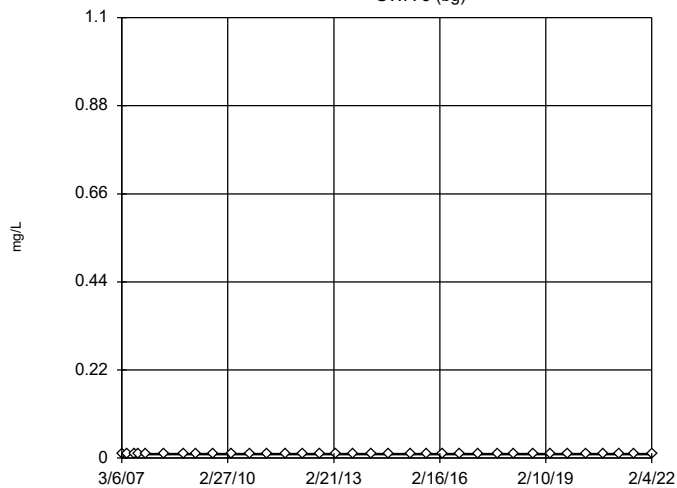
Tukey's Outlier Screening GWA-2 (bg)



n = 34
 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 3/24/2022 3:30 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

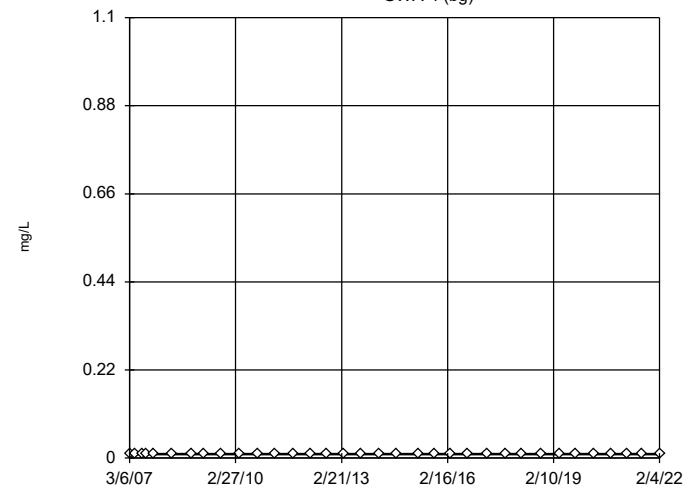
Tukey's Outlier Screening GWA-3 (bg)



n = 34
 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 3/24/2022 3:30 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

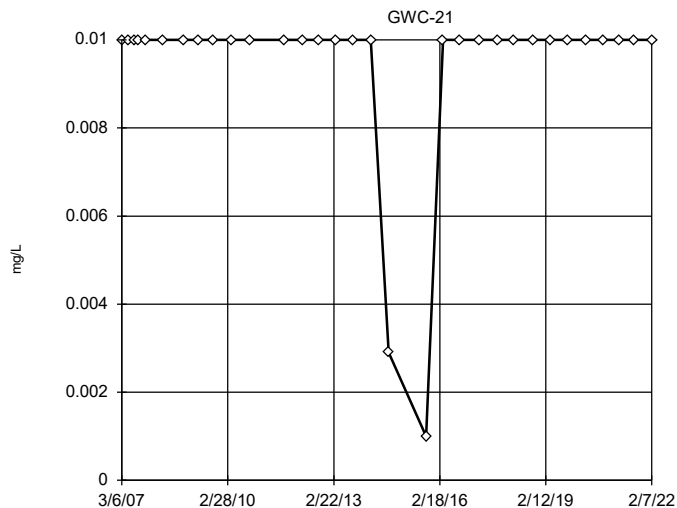
Tukey's Outlier Screening GWA-4 (bg)



n = 34
 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 3/24/2022 3:30 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

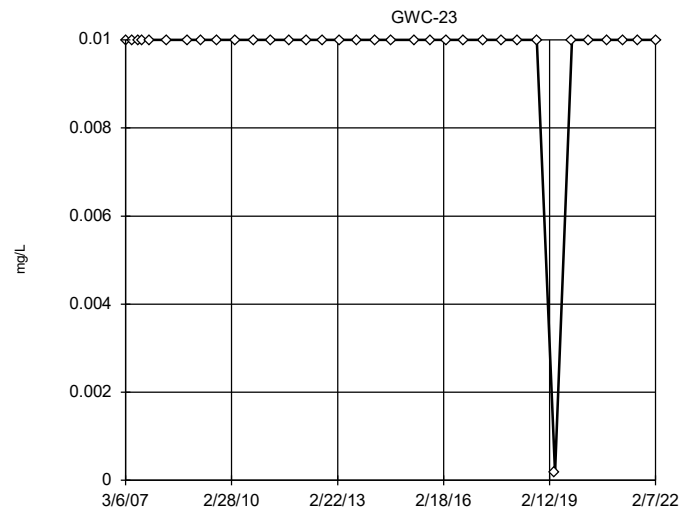
Tukey's Outlier Screening



n = 32
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 3/24/2022 3:30 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

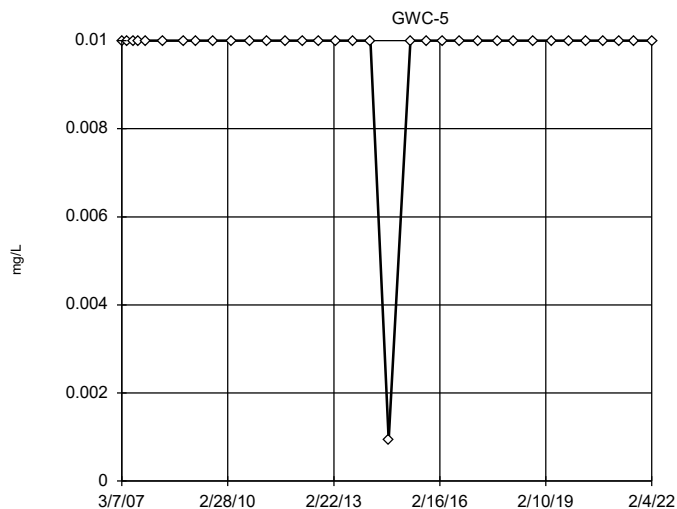
Tukey's Outlier Screening



n = 34
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: Vanadium Analysis Run 3/24/2022 3:30 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

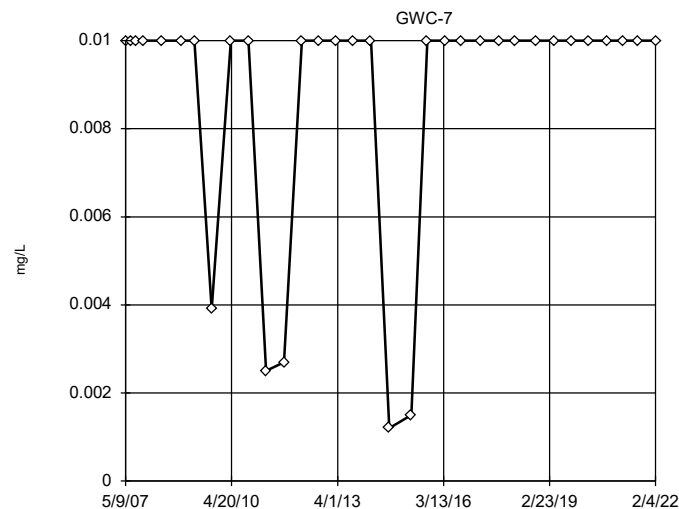
Tukey's Outlier Screening



n = 34
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: Vanadium Analysis Run 3/24/2022 3:30 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

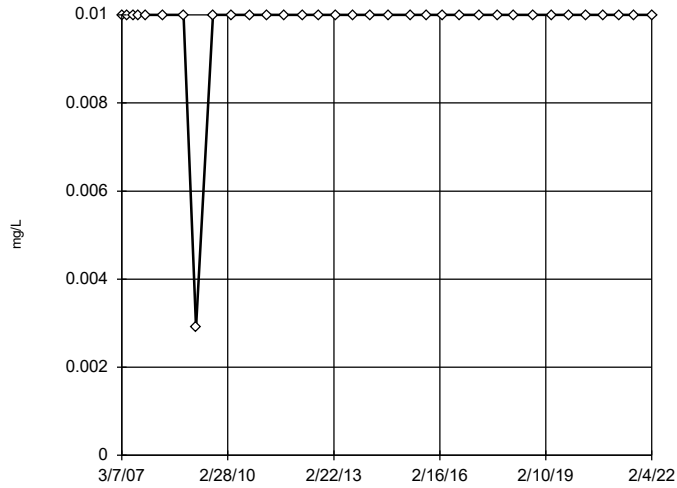


n = 33
No outliers found.
Tukey's method selected by user.
Data were natural log transformed to achieve best W statistic (graph shown in original units).
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Vanadium Analysis Run 3/24/2022 3:30 PM View: Outlier Testing
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-9

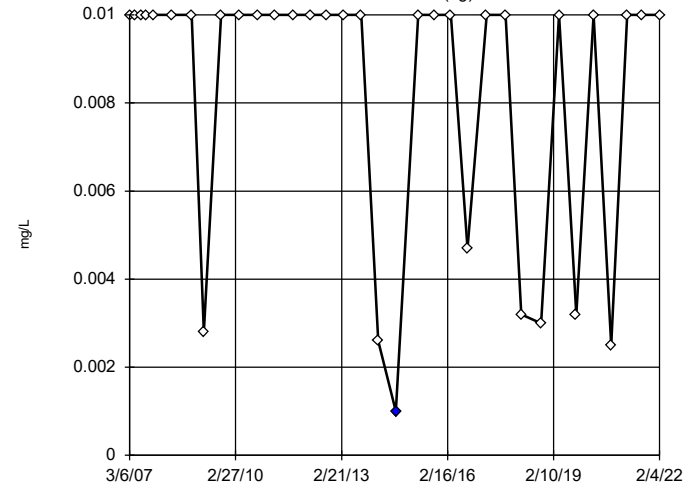


n = 34
 No outliers found.
 Tukey's method selected by user.
 Data were square transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Vanadium Analysis Run 3/24/2022 3:30 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWA-1 (bg)

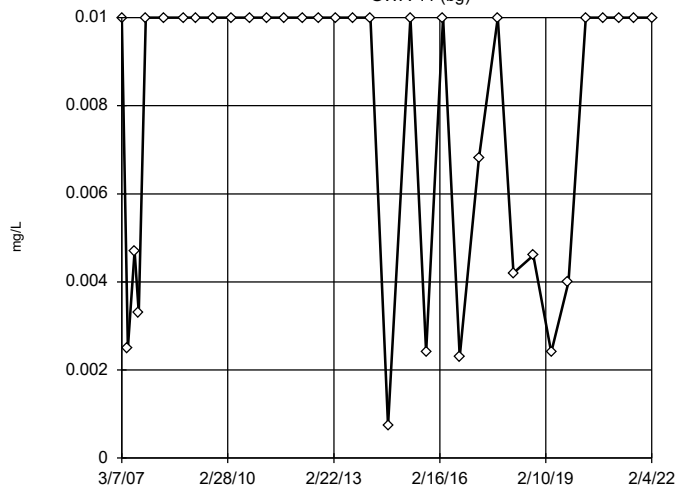


n = 34
 Outlier is drawn as solid.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.03104, low cutoff = 0.002209, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 3/24/2022 3:30 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWA-11 (bg)

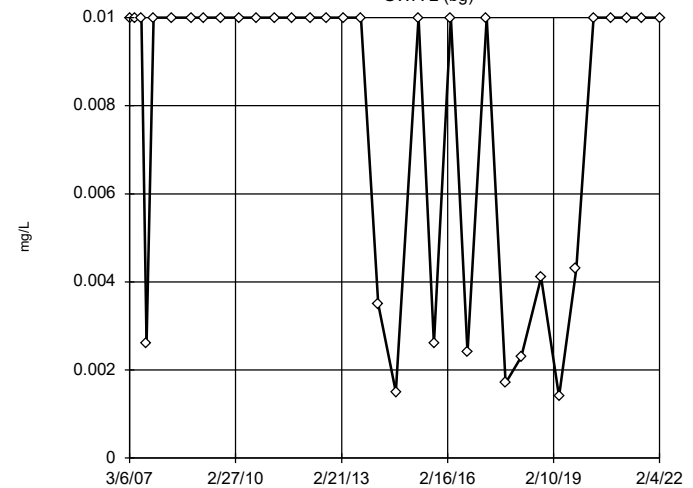


n = 34
 No outliers found.
 Tukey's method selected by user.
 Data were cube root transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.05077, low cutoff = 7.2e-7, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 3/24/2022 3:30 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWA-2 (bg)

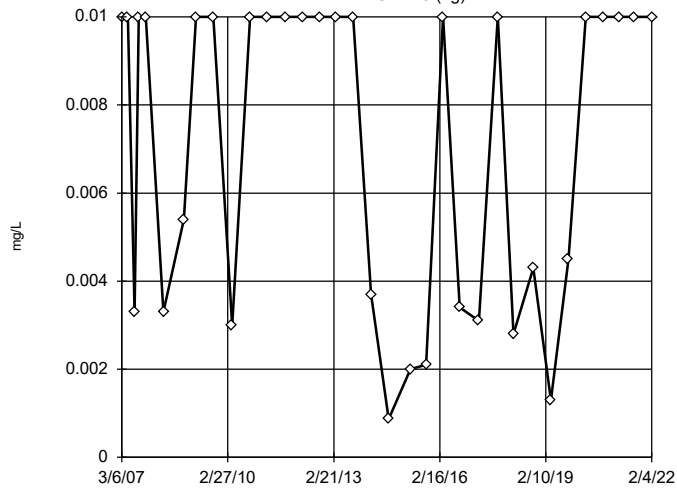


n = 34
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.184, low cutoff = 0.0002059, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 3/24/2022 3:30 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWA-3 (bg)

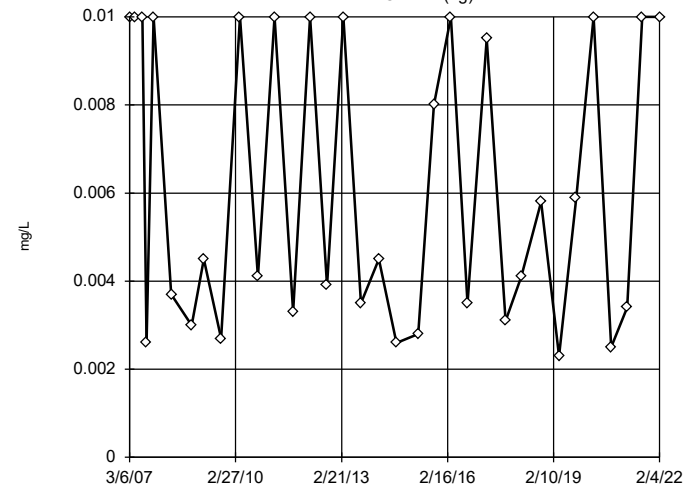


n = 34
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.2783,
 low cutoff = 0.0001186,
 based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 3/24/2022 3:30 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWA-4 (bg)

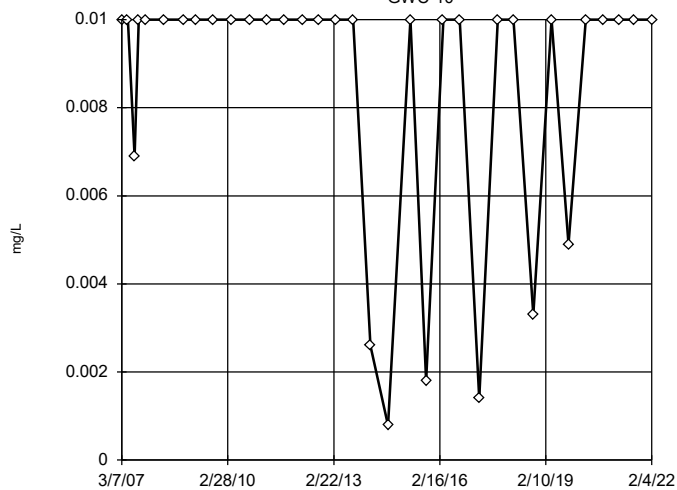


n = 34
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.3056,
 low cutoff = 0.0001047,
 based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 3/24/2022 3:30 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-10

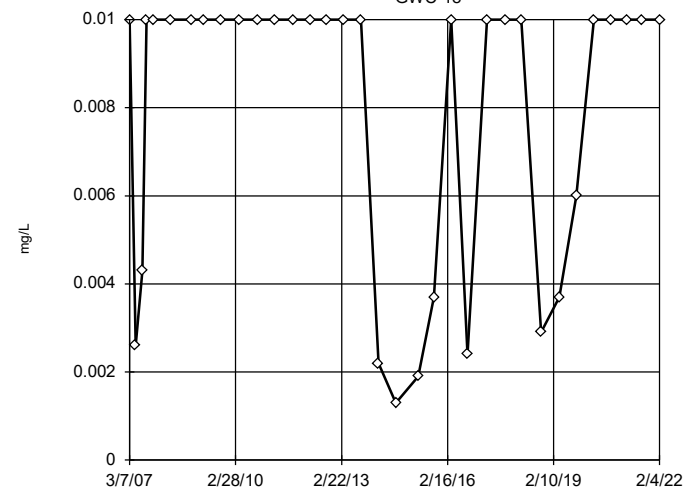


n = 34
 No outliers found.
 Tukey's method selected by user.
 Ladder of Powers transformations did not improve normality; analysis run on raw data.
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Zinc Analysis Run 3/24/2022 3:30 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

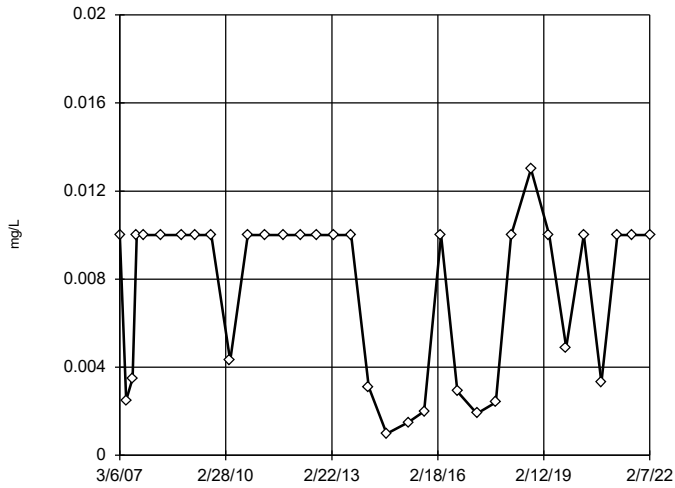
GWC-18



n = 34
 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 = 0.1576,
 low cutoff = 0.0002531,
 based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 3/24/2022 3:30 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

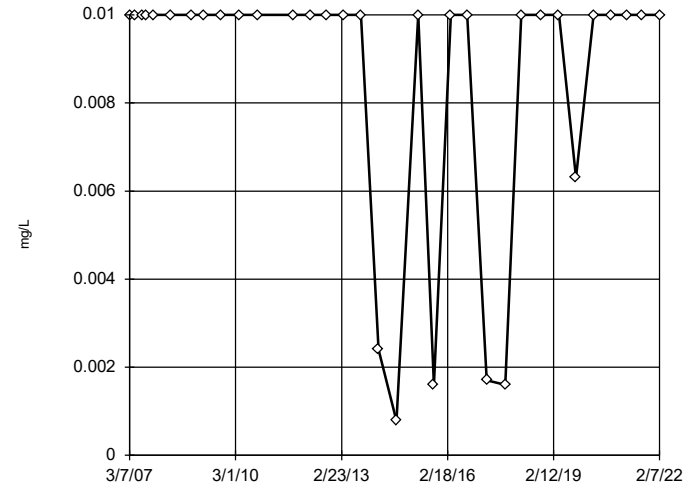
Tukey's Outlier Screening GWC-19



n = 34
 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 = 0.07395,
 low cutoff = -0.0001847,
 based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 3/24/2022 3:30 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

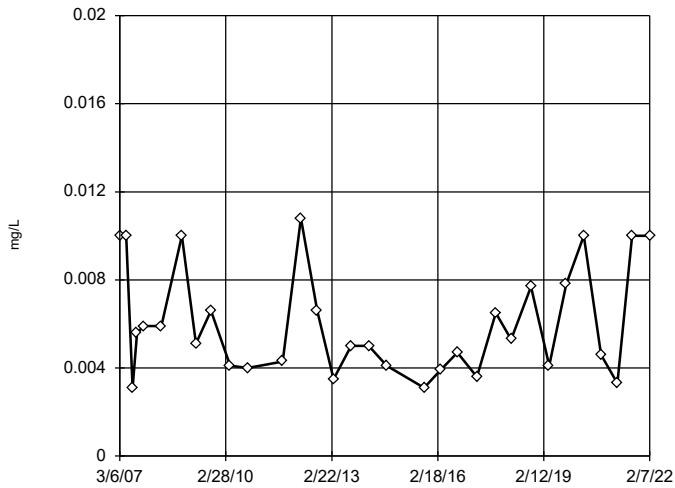
Tukey's Outlier Screening GWC-20



n = 33
 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: Zinc Analysis Run 3/24/2022 3:30 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

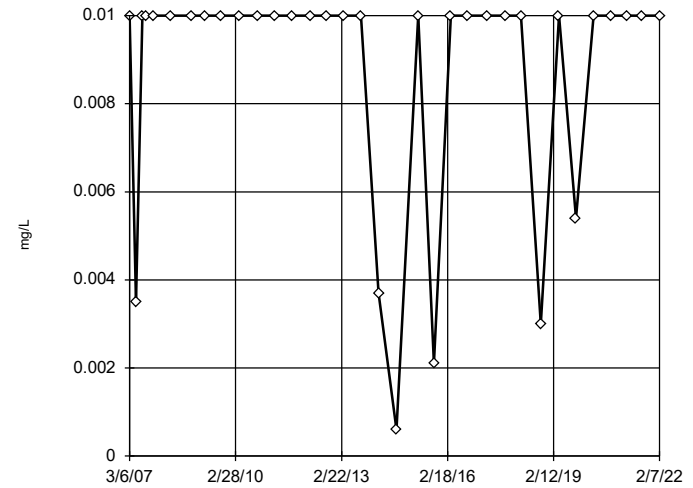
Tukey's Outlier Screening GWC-21



n = 32
 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 = 0.05234,
 low cutoff = 0.0006071,
 based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 3/24/2022 3:30 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening GWC-22

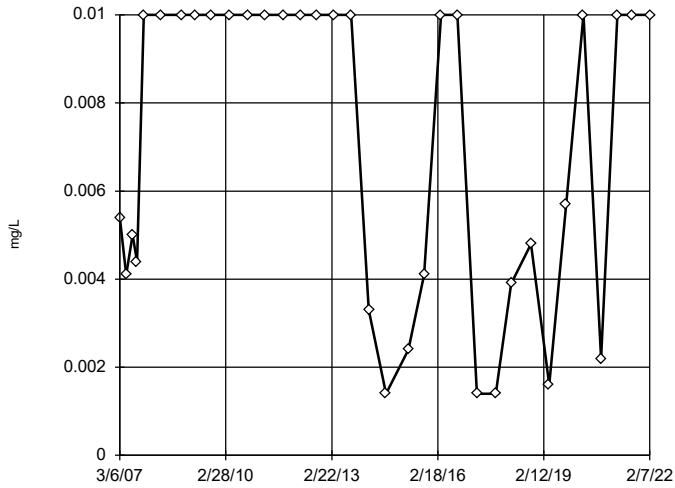


n = 34
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Zinc Analysis Run 3/24/2022 3:30 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-23

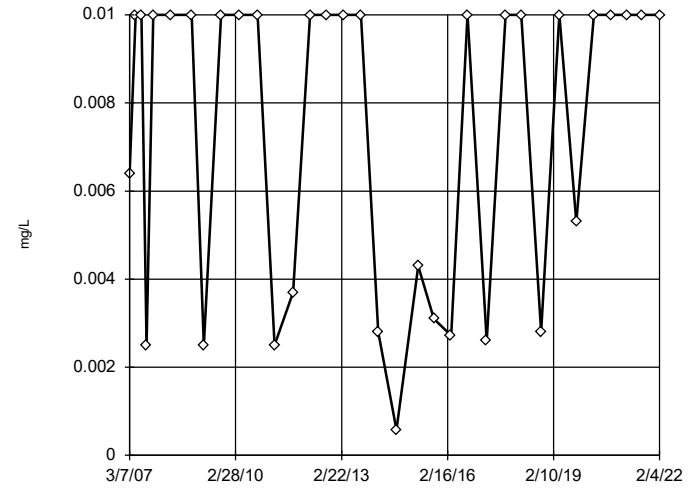


n = 34
 No outliers found.
 Tukey's method selected by user.
 Data were cube root transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.05733,
 low cutoff = -0.00001487,
 based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 3/24/2022 3:30 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-5

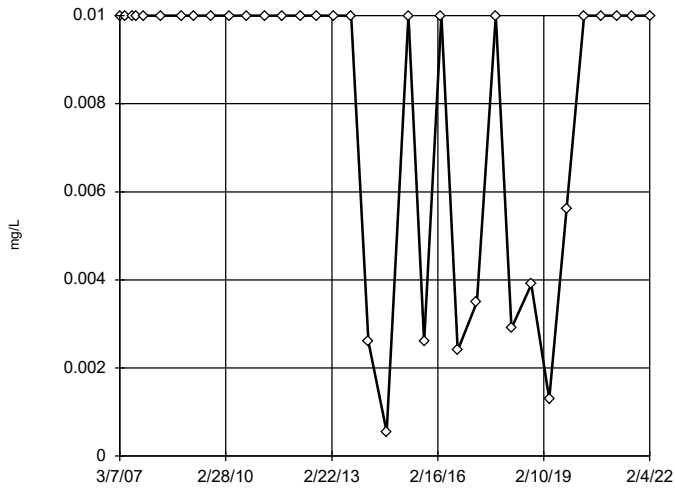


n = 34
 No outliers found.
 Tukey's method selected by user.
 Data were cube root transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.08042,
 low cutoff = -0.0003861,
 based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 3/24/2022 3:30 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

GWC-6

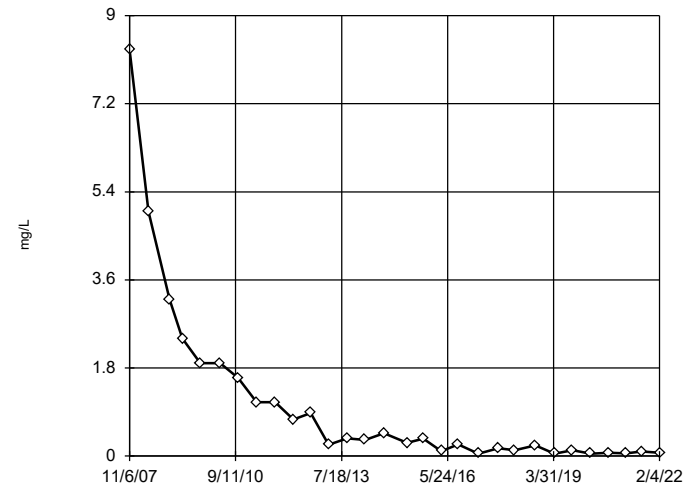


n = 34
 No outliers found.
 Tukey's method selected by user.
 Data were cube root transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.04638,
 low cutoff = 0.00001322,
 based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 3/24/2022 3:30 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening

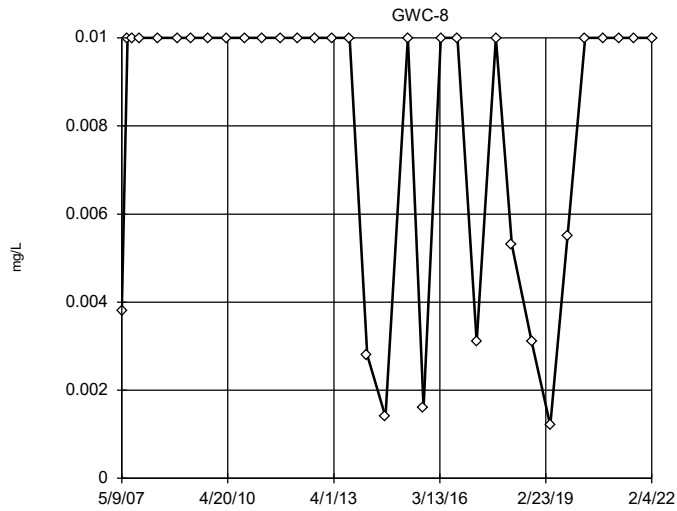
GWC-7



n = 30
 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 = 3353,
 low cutoff = 0.00003854,
 based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 3/24/2022 3:30 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

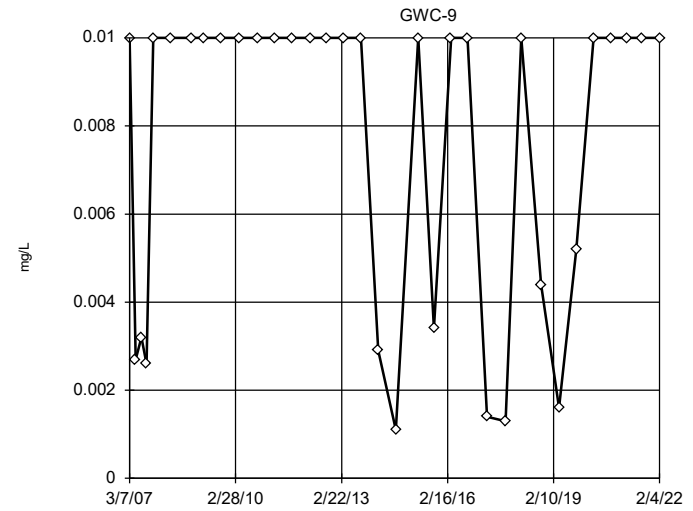
Tukey's Outlier Screening



n = 33
 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 = 0.03775,
 low cutoff = 0.0001701,
 based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 3/24/2022 3:31 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Tukey's Outlier Screening



n = 34
 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 = 0.2786,
 low cutoff = 0.0001184,
 based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 3/24/2022 3:31 PM View: Outlier Testing
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

FIGURE D.

Mann-Whitney Summary Appendix I - Significant Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 3/25/2022, 2:27 PM

<u>Constituent</u>	<u>Well</u>	<u>Calc.</u>	<u>0.01</u>	<u>Sig.</u>	<u>Method</u>
Arsenic (mg/L)	GWC-23	-3.362	Yes	Yes	Mann-W
Arsenic (mg/L)	GWC-7	2.772	Yes	Yes	Mann-W
Barium (mg/L)	GWA-11 (bg)	-2.798	Yes	Yes	Mann-W
Barium (mg/L)	GWA-3 (bg)	-3.415	Yes	Yes	Mann-W
Barium (mg/L)	GWC-20	4.016	Yes	Yes	Mann-W
Barium (mg/L)	GWC-23	2.603	Yes	Yes	Mann-W
Barium (mg/L)	GWC-5	-3.796	Yes	Yes	Mann-W
Barium (mg/L)	GWC-8	4.003	Yes	Yes	Mann-W
Beryllium (mg/L)	GWC-7	-2.783	Yes	Yes	Mann-W
Chromium (mg/L)	GWC-18	-3.362	Yes	Yes	Mann-W
Chromium (mg/L)	GWC-19	-2.611	Yes	Yes	Mann-W
Cobalt (mg/L)	GWA-1 (bg)	-3.088	Yes	Yes	Mann-W
Cobalt (mg/L)	GWA-11 (bg)	-3.771	Yes	Yes	Mann-W
Cobalt (mg/L)	GWC-21	-2.735	Yes	Yes	Mann-W
Cobalt (mg/L)	GWC-23	-3.532	Yes	Yes	Mann-W
Cobalt (mg/L)	GWC-5	-3.456	Yes	Yes	Mann-W
Cobalt (mg/L)	GWC-7	-3.046	Yes	Yes	Mann-W
Cobalt (mg/L)	GWC-8	-5.275	Yes	Yes	Mann-W
Cobalt (mg/L)	GWC-9	-3.438	Yes	Yes	Mann-W
Copper (mg/L)	GWC-23	-3.01	Yes	Yes	Mann-W
Lead (mg/L)	GWA-3 (bg)	-3.362	Yes	Yes	Mann-W
Lead (mg/L)	GWC-19	-2.611	Yes	Yes	Mann-W
Lead (mg/L)	GWC-21	-3.267	Yes	Yes	Mann-W
Lead (mg/L)	GWC-22	-4.847	Yes	Yes	Mann-W
Lead (mg/L)	GWC-23	-5.045	Yes	Yes	Mann-W
Lead (mg/L)	GWC-5	-3.362	Yes	Yes	Mann-W
Lead (mg/L)	GWC-7	-3.202	Yes	Yes	Mann-W
Nickel (mg/L)	GWA-11 (bg)	-3.83	Yes	Yes	Mann-W
Nickel (mg/L)	GWA-4 (bg)	-3.165	Yes	Yes	Mann-W
Nickel (mg/L)	GWC-23	-3.128	Yes	Yes	Mann-W
Nickel (mg/L)	GWC-5	-4.048	Yes	Yes	Mann-W
Nickel (mg/L)	GWC-7	-2.718	Yes	Yes	Mann-W
Nickel (mg/L)	GWC-8	-2.694	Yes	Yes	Mann-W
Nickel (mg/L)	GWC-9	-3.421	Yes	Yes	Mann-W
Zinc (mg/L)	GWC-7	-2.906	Yes	Yes	Mann-W

Mann-Whitney Summary Appendix I - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 3/25/2022, 2:27 PM

Constituent	Well	Calc.	0.01	Sig.	Method
Antimony (mg/L)	GWA-1 (bg)	-2.382	No	No	Mann-W
Antimony (mg/L)	GWA-11 (bg)	-1.345	No	No	Mann-W
Antimony (mg/L)	GWA-2 (bg)	-2.48	No	No	Mann-W
Antimony (mg/L)	GWA-3 (bg)	0.3608	No	No	Mann-W
Antimony (mg/L)	GWA-4 (bg)	-1.345	No	No	Mann-W
Antimony (mg/L)	GWC-10	0.3608	No	No	Mann-W
Antimony (mg/L)	GWC-18	-2.382	No	No	Mann-W
Antimony (mg/L)	GWC-19	0.3608	No	No	Mann-W
Antimony (mg/L)	GWC-5	-1.345	No	No	Mann-W
Antimony (mg/L)	GWC-6	0.3608	No	No	Mann-W
Antimony (mg/L)	GWC-7	-1.419	No	No	Mann-W
Antimony (mg/L)	GWC-8	-1.283	No	No	Mann-W
Antimony (mg/L)	GWC-9	-1.448	No	No	Mann-W
Arsenic (mg/L)	GWA-11 (bg)	-2.382	No	No	Mann-W
Arsenic (mg/L)	GWA-3 (bg)	-1.845	No	No	Mann-W
Arsenic (mg/L)	GWA-4 (bg)	-2.078	No	No	Mann-W
Arsenic (mg/L)	GWC-18	-2.439	No	No	Mann-W
Arsenic (mg/L)	GWC-21	-2.242	No	No	Mann-W
Arsenic (mg/L)	GWC-23	-3.362	Yes	Yes	Mann-W
Arsenic (mg/L)	GWC-5	0.5689	No	No	Mann-W
Arsenic (mg/L)	GWC-7	2.772	Yes	Yes	Mann-W
Arsenic (mg/L)	GWC-8	-2.397	No	No	Mann-W
Arsenic (mg/L)	GWC-9	-2.382	No	No	Mann-W
Barium (mg/L)	GWA-1 (bg)	-0.4209	No	No	Mann-W
Barium (mg/L)	GWA-11 (bg)	-2.798	Yes	Yes	Mann-W
Barium (mg/L)	GWA-2 (bg)	0.6249	No	No	Mann-W
Barium (mg/L)	GWA-3 (bg)	-3.415	Yes	Yes	Mann-W
Barium (mg/L)	GWA-4 (bg)	-0.8014	No	No	Mann-W
Barium (mg/L)	GWC-10	1.32	No	No	Mann-W
Barium (mg/L)	GWC-18	2.484	No	No	Mann-W
Barium (mg/L)	GWC-19	1.521	No	No	Mann-W
Barium (mg/L)	GWC-20	4.016	Yes	Yes	Mann-W
Barium (mg/L)	GWC-21	0.998	No	No	Mann-W
Barium (mg/L)	GWC-22	1.269	No	No	Mann-W
Barium (mg/L)	GWC-23	2.603	Yes	Yes	Mann-W
Barium (mg/L)	GWC-5	-3.796	Yes	Yes	Mann-W
Barium (mg/L)	GWC-6	0.8075	No	No	Mann-W
Barium (mg/L)	GWC-7	1.718	No	No	Mann-W
Barium (mg/L)	GWC-8	4.003	Yes	Yes	Mann-W
Barium (mg/L)	GWC-9	-0.1828	No	No	Mann-W
Beryllium (mg/L)	GWA-3 (bg)	0.3608	No	No	Mann-W
Beryllium (mg/L)	GWC-19	-2.382	No	No	Mann-W
Beryllium (mg/L)	GWC-7	-2.783	Yes	Yes	Mann-W
Cadmium (mg/L)	GWA-4 (bg)	0.3608	No	No	Mann-W
Cadmium (mg/L)	GWC-10	0.3608	No	No	Mann-W
Cadmium (mg/L)	GWC-18	0.3608	No	No	Mann-W
Cadmium (mg/L)	GWC-20	0.3666	No	No	Mann-W
Cadmium (mg/L)	GWC-21	0.5882	No	No	Mann-W
Cadmium (mg/L)	GWC-23	0.3608	No	No	Mann-W
Cadmium (mg/L)	GWC-5	-0.5052	No	No	Mann-W
Cadmium (mg/L)	GWC-7	-0.6832	No	No	Mann-W
Cadmium (mg/L)	GWC-8	0.3666	No	No	Mann-W
Cadmium (mg/L)	GWC-9	0.5689	No	No	Mann-W
Chromium (mg/L)	GWA-1 (bg)	-0.05172	No	No	Mann-W
Chromium (mg/L)	GWA-11 (bg)	0.7276	No	No	Mann-W

Mann-Whitney Summary Appendix I - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 3/25/2022, 2:27 PM

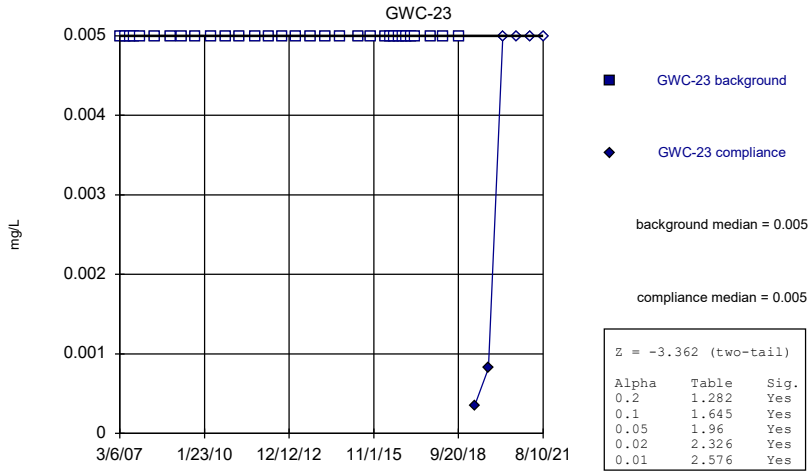
<u>Constituent</u>	<u>Well</u>	<u>Calc.</u>	<u>0.01</u>	<u>Sig.</u>	<u>Method</u>
Chromium (mg/L)	GWA-2 (bg)	-2.382	No	No	Mann-W
Chromium (mg/L)	GWA-3 (bg)	-1.448	No	No	Mann-W
Chromium (mg/L)	GWA-4 (bg)	-1.345	No	No	Mann-W
Chromium (mg/L)	GWC-10	0.7276	No	No	Mann-W
Chromium (mg/L)	GWC-18	-3.362	Yes	Yes	Mann-W
Chromium (mg/L)	GWC-19	-2.611	Yes	Yes	Mann-W
Chromium (mg/L)	GWC-20	0.2176	No	No	Mann-W
Chromium (mg/L)	GWC-21	-1.39	No	No	Mann-W
Chromium (mg/L)	GWC-22	-1.916	No	No	Mann-W
Chromium (mg/L)	GWC-23	1.862	No	No	Mann-W
Chromium (mg/L)	GWC-5	-2.382	No	No	Mann-W
Chromium (mg/L)	GWC-6	-2.382	No	No	Mann-W
Chromium (mg/L)	GWC-7	-0.1961	No	No	Mann-W
Chromium (mg/L)	GWC-8	-0.6115	No	No	Mann-W
Chromium (mg/L)	GWC-9	0.7276	No	No	Mann-W
Cobalt (mg/L)	GWA-1 (bg)	-3.088	Yes	Yes	Mann-W
Cobalt (mg/L)	GWA-11 (bg)	-3.771	Yes	Yes	Mann-W
Cobalt (mg/L)	GWA-2 (bg)	-2.382	No	No	Mann-W
Cobalt (mg/L)	GWA-3 (bg)	-1.991	No	No	Mann-W
Cobalt (mg/L)	GWA-4 (bg)	-2.291	No	No	Mann-W
Cobalt (mg/L)	GWC-10	-2.382	No	No	Mann-W
Cobalt (mg/L)	GWC-21	-2.735	Yes	Yes	Mann-W
Cobalt (mg/L)	GWC-23	-3.532	Yes	Yes	Mann-W
Cobalt (mg/L)	GWC-5	-3.456	Yes	Yes	Mann-W
Cobalt (mg/L)	GWC-6	-2.382	No	No	Mann-W
Cobalt (mg/L)	GWC-7	-3.046	Yes	Yes	Mann-W
Cobalt (mg/L)	GWC-8	-5.275	Yes	Yes	Mann-W
Cobalt (mg/L)	GWC-9	-3.438	Yes	Yes	Mann-W
Copper (mg/L)	GWA-11 (bg)	-0.8421	No	No	Mann-W
Copper (mg/L)	GWA-2 (bg)	-0.8421	No	No	Mann-W
Copper (mg/L)	GWA-3 (bg)	-0.8421	No	No	Mann-W
Copper (mg/L)	GWA-4 (bg)	-1.778	No	No	Mann-W
Copper (mg/L)	GWC-10	-1.298	No	No	Mann-W
Copper (mg/L)	GWC-18	-0.8421	No	No	Mann-W
Copper (mg/L)	GWC-19	-1.459	No	No	Mann-W
Copper (mg/L)	GWC-20	-1.265	No	No	Mann-W
Copper (mg/L)	GWC-21	-0.4874	No	No	Mann-W
Copper (mg/L)	GWC-22	-2.386	No	No	Mann-W
Copper (mg/L)	GWC-23	-3.01	Yes	Yes	Mann-W
Copper (mg/L)	GWC-5	-1.608	No	No	Mann-W
Copper (mg/L)	GWC-6	-2.2	No	No	Mann-W
Copper (mg/L)	GWC-7	-1.604	No	No	Mann-W
Copper (mg/L)	GWC-8	-2.162	No	No	Mann-W
Copper (mg/L)	GWC-9	-1.298	No	No	Mann-W
Lead (mg/L)	GWA-11 (bg)	0.3608	No	No	Mann-W
Lead (mg/L)	GWA-3 (bg)	-3.362	Yes	Yes	Mann-W
Lead (mg/L)	GWC-10	-2.382	No	No	Mann-W
Lead (mg/L)	GWC-18	-2.382	No	No	Mann-W
Lead (mg/L)	GWC-19	-2.611	Yes	Yes	Mann-W
Lead (mg/L)	GWC-20	0.3666	No	No	Mann-W
Lead (mg/L)	GWC-21	-3.267	Yes	Yes	Mann-W
Lead (mg/L)	GWC-22	-4.847	Yes	Yes	Mann-W
Lead (mg/L)	GWC-23	-5.045	Yes	Yes	Mann-W
Lead (mg/L)	GWC-5	-3.362	Yes	Yes	Mann-W
Lead (mg/L)	GWC-6	0.3608	No	No	Mann-W

Mann-Whitney Summary Appendix I - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 3/25/2022, 2:27 PM

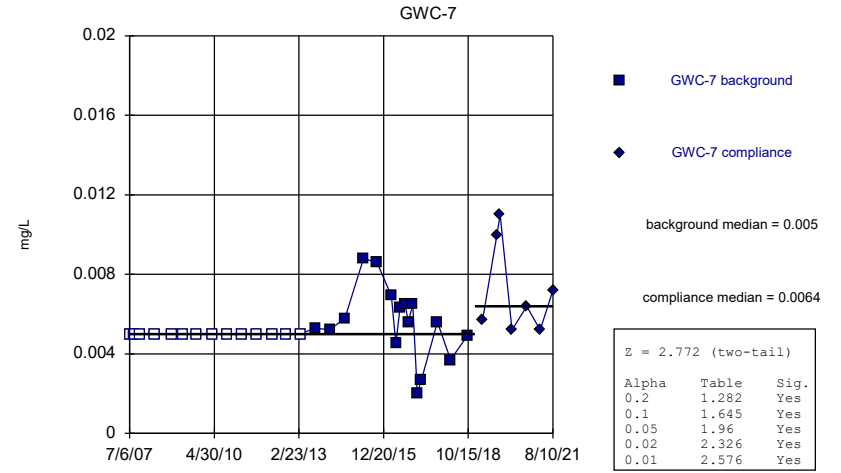
<u>Constituent</u>	<u>Well</u>	<u>Calc.</u>	<u>0.01</u>	<u>Sig.</u>	<u>Method</u>
Lead (mg/L)	GWC-7	-3.202	Yes	Yes	Mann-W
Lead (mg/L)	GWC-8	-1.419	No	No	Mann-W
Nickel (mg/L)	GWA-1 (bg)	-2.22	No	No	Mann-W
Nickel (mg/L)	GWA-11 (bg)	-3.83	Yes	Yes	Mann-W
Nickel (mg/L)	GWA-2 (bg)	0.3928	No	No	Mann-W
Nickel (mg/L)	GWA-3 (bg)	-1.934	No	No	Mann-W
Nickel (mg/L)	GWA-4 (bg)	-3.165	Yes	Yes	Mann-W
Nickel (mg/L)	GWC-10	-2.2	No	No	Mann-W
Nickel (mg/L)	GWC-18	-1.828	No	No	Mann-W
Nickel (mg/L)	GWC-19	0.2339	No	No	Mann-W
Nickel (mg/L)	GWC-20	0.6327	No	No	Mann-W
Nickel (mg/L)	GWC-21	0.526	No	No	Mann-W
Nickel (mg/L)	GWC-22	0.3928	No	No	Mann-W
Nickel (mg/L)	GWC-23	-3.128	Yes	Yes	Mann-W
Nickel (mg/L)	GWC-5	-4.048	Yes	Yes	Mann-W
Nickel (mg/L)	GWC-6	-2.386	No	No	Mann-W
Nickel (mg/L)	GWC-7	-2.718	Yes	Yes	Mann-W
Nickel (mg/L)	GWC-8	-2.694	Yes	Yes	Mann-W
Nickel (mg/L)	GWC-9	-3.421	Yes	Yes	Mann-W
Selenium (mg/L)	GWA-4 (bg)	-2.382	No	No	Mann-W
Selenium (mg/L)	GWC-10	0.3608	No	No	Mann-W
Selenium (mg/L)	GWC-21	0.588	No	No	Mann-W
Selenium (mg/L)	GWC-22	-1.448	No	No	Mann-W
Selenium (mg/L)	GWC-9	0.3608	No	No	Mann-W
Vanadium (mg/L)	GWA-1 (bg)	-2.2	No	No	Mann-W
Vanadium (mg/L)	GWC-21	0.6456	No	No	Mann-W
Vanadium (mg/L)	GWC-23	-2.2	No	No	Mann-W
Vanadium (mg/L)	GWC-5	0.3928	No	No	Mann-W
Vanadium (mg/L)	GWC-7	1.108	No	No	Mann-W
Vanadium (mg/L)	GWC-9	0.3928	No	No	Mann-W
Zinc (mg/L)	GWA-1 (bg)	-0.6208	No	No	Mann-W
Zinc (mg/L)	GWA-11 (bg)	-0.1113	No	No	Mann-W
Zinc (mg/L)	GWA-2 (bg)	-0.2008	No	No	Mann-W
Zinc (mg/L)	GWA-3 (bg)	0.441	No	No	Mann-W
Zinc (mg/L)	GWA-4 (bg)	-0.6423	No	No	Mann-W
Zinc (mg/L)	GWC-10	0.3917	No	No	Mann-W
Zinc (mg/L)	GWC-18	0.1722	No	No	Mann-W
Zinc (mg/L)	GWC-19	0.4499	No	No	Mann-W
Zinc (mg/L)	GWC-20	0.2836	No	No	Mann-W
Zinc (mg/L)	GWC-21	0.4262	No	No	Mann-W
Zinc (mg/L)	GWC-22	0.2428	No	No	Mann-W
Zinc (mg/L)	GWC-23	-0.2551	No	No	Mann-W
Zinc (mg/L)	GWC-5	1.43	No	No	Mann-W
Zinc (mg/L)	GWC-6	-0.3272	No	No	Mann-W
Zinc (mg/L)	GWC-7	-2.906	Yes	Yes	Mann-W
Zinc (mg/L)	GWC-8	-0.3349	No	No	Mann-W
Zinc (mg/L)	GWC-9	0.1391	No	No	Mann-W

Mann-Whitney (Wilcoxon Rank Sum)



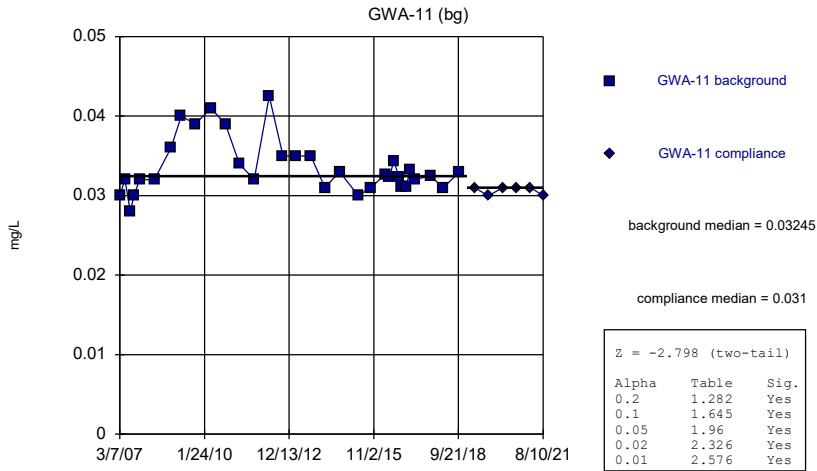
Constituent: Arsenic Analysis Run 3/25/2022 10:31 AM View: App I Mann-Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



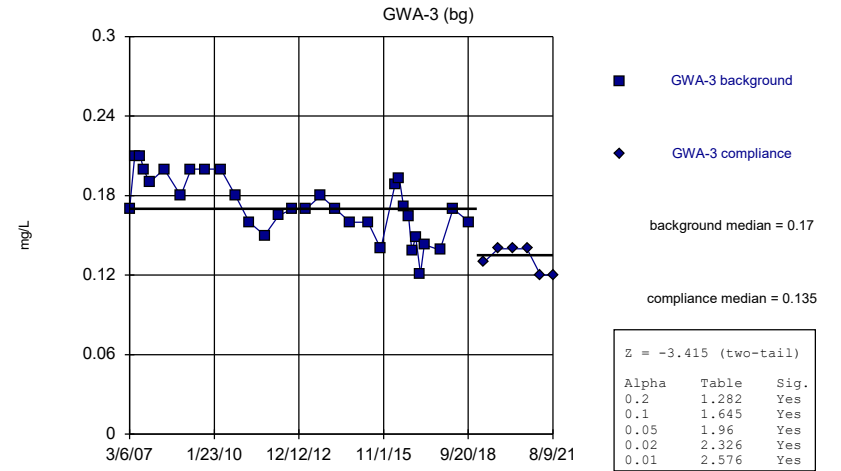
Constituent: Arsenic Analysis Run 3/25/2022 10:31 AM View: App I Mann-Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



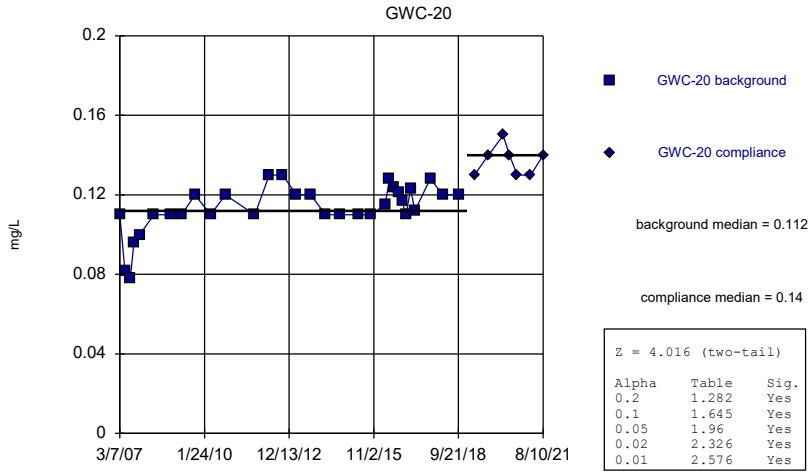
Constituent: Barium Analysis Run 3/25/2022 10:31 AM View: App I Mann-Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



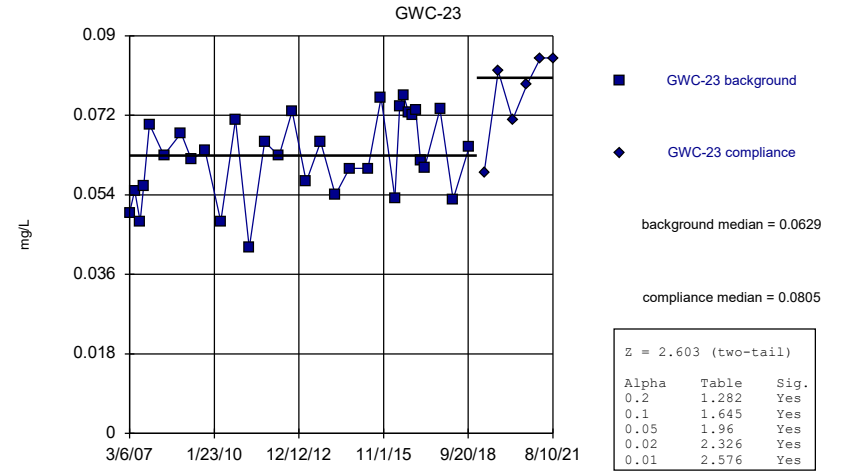
Constituent: Barium Analysis Run 3/25/2022 10:31 AM View: App I Mann-Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



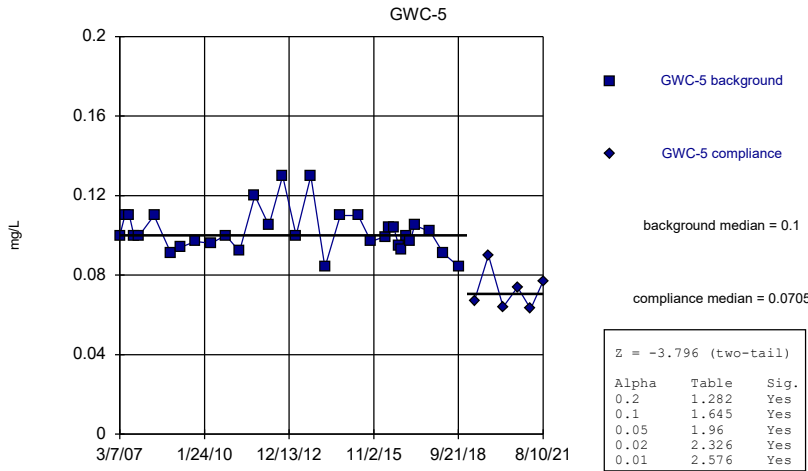
Constituent: Barium Analysis Run 3/25/2022 10:31 AM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



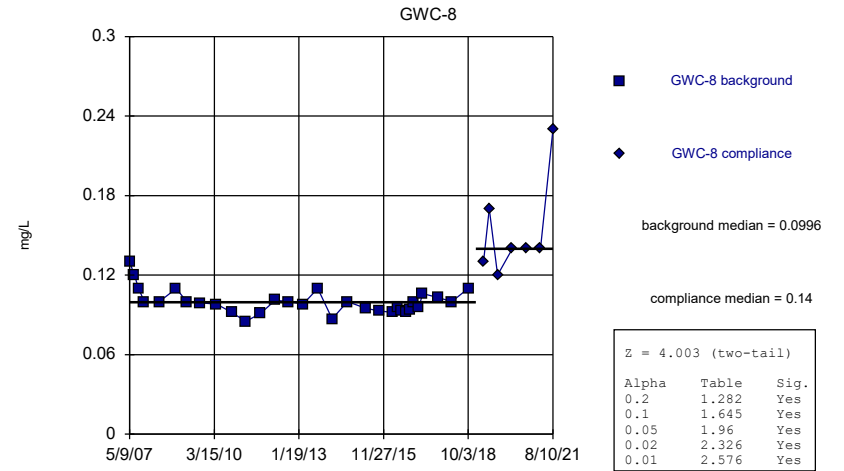
Constituent: Barium Analysis Run 3/25/2022 10:31 AM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



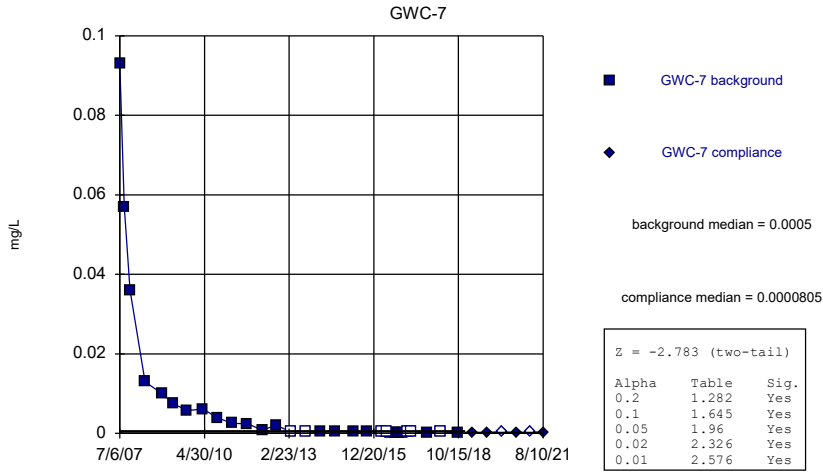
Constituent: Barium Analysis Run 3/25/2022 10:31 AM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



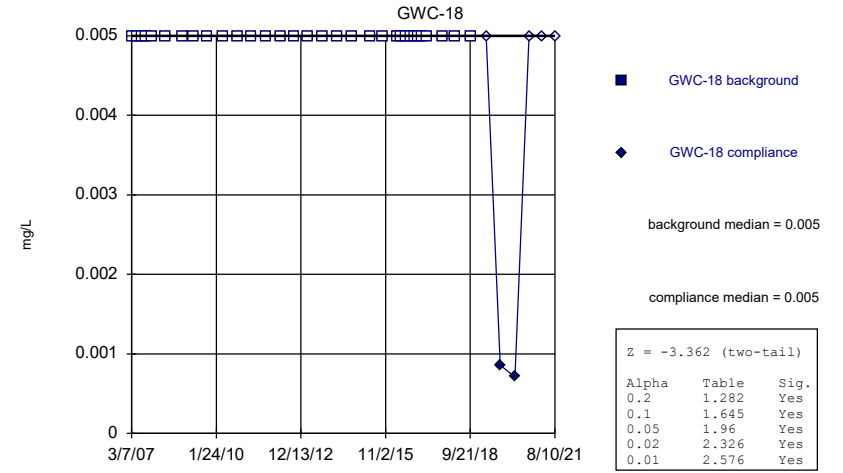
Constituent: Barium Analysis Run 3/25/2022 10:31 AM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



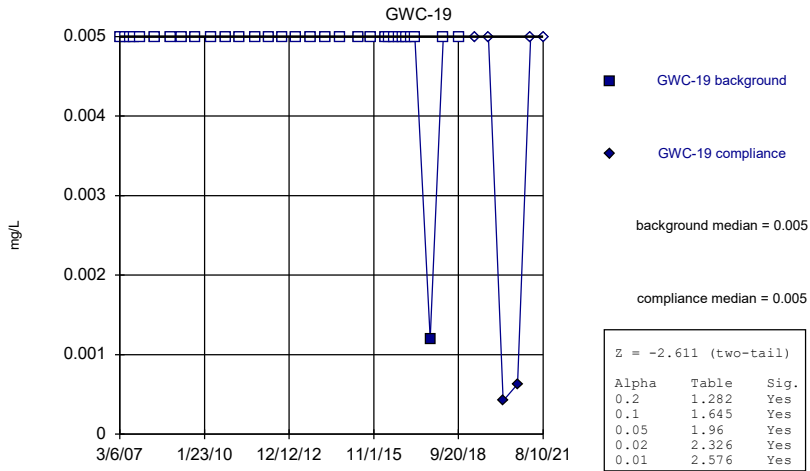
Constituent: Beryllium Analysis Run 3/25/2022 10:31 AM View: App I Mann-Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



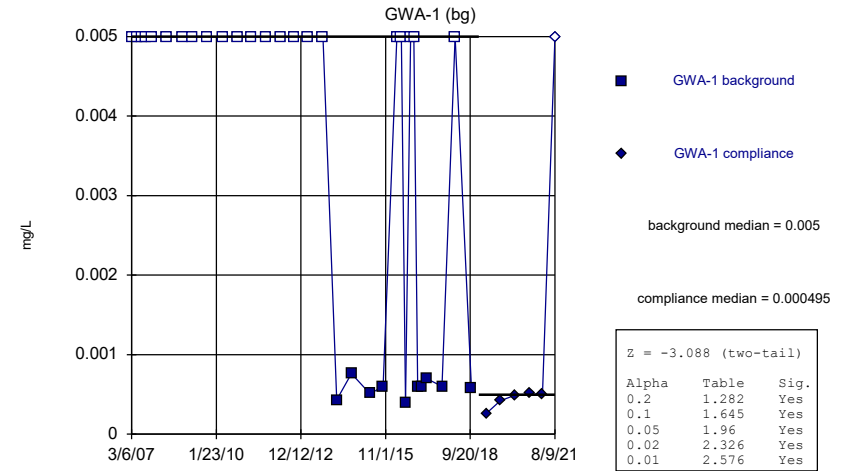
Constituent: Chromium Analysis Run 3/25/2022 10:31 AM View: App I Mann-Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



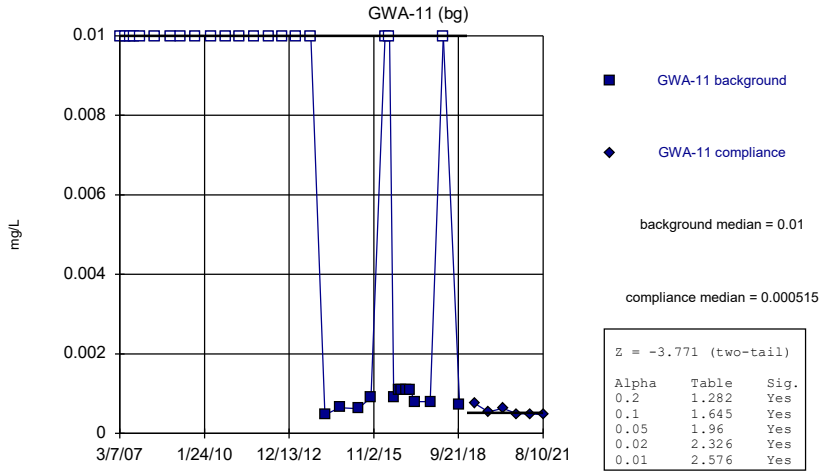
Constituent: Chromium Analysis Run 3/25/2022 10:31 AM View: App I Mann-Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



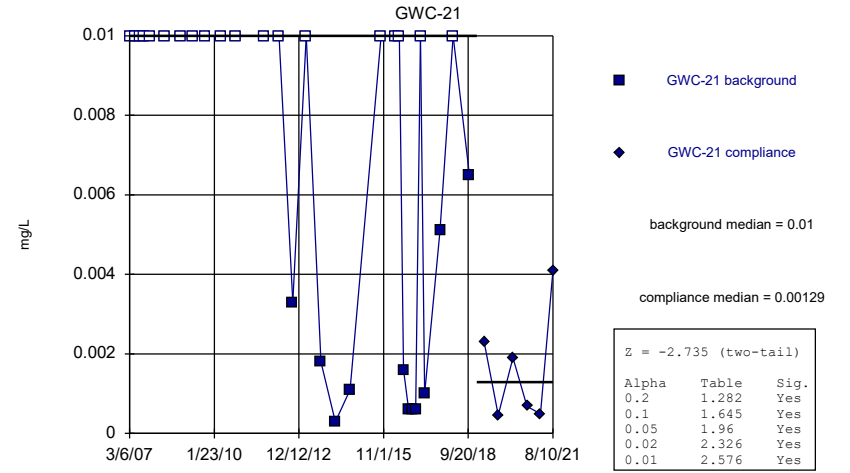
Constituent: Cobalt Analysis Run 3/25/2022 10:31 AM View: App I Mann-Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



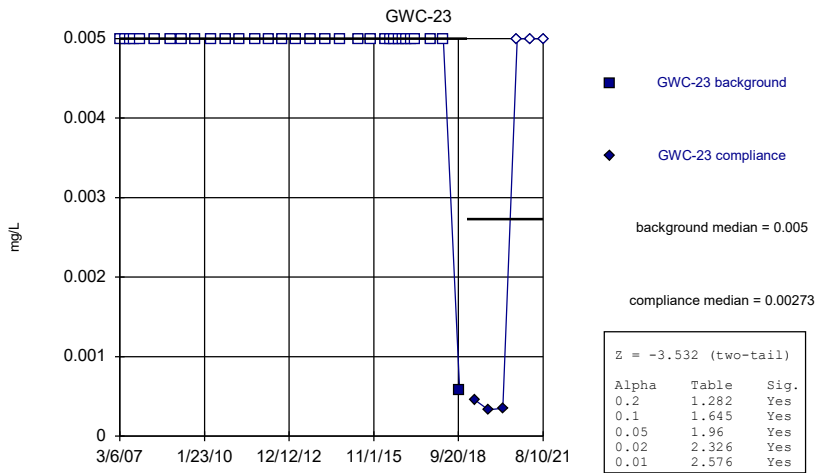
Constituent: Cobalt Analysis Run 3/25/2022 10:31 AM View: App I Mann-Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



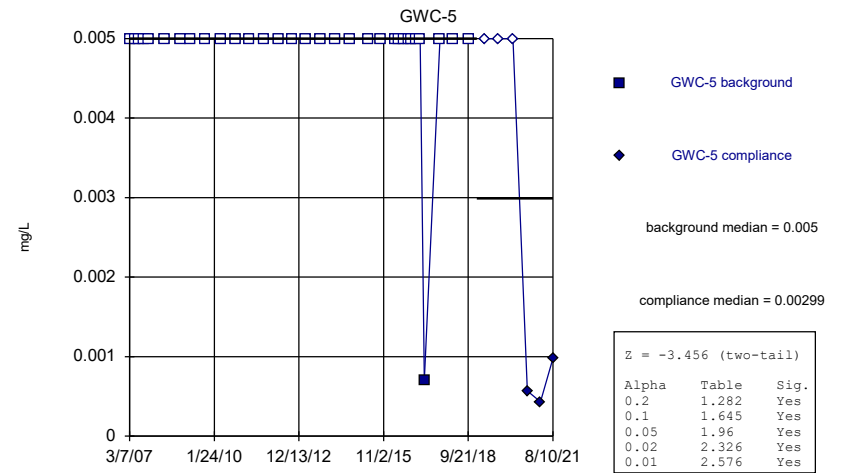
Constituent: Cobalt Analysis Run 3/25/2022 10:31 AM View: App I Mann-Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



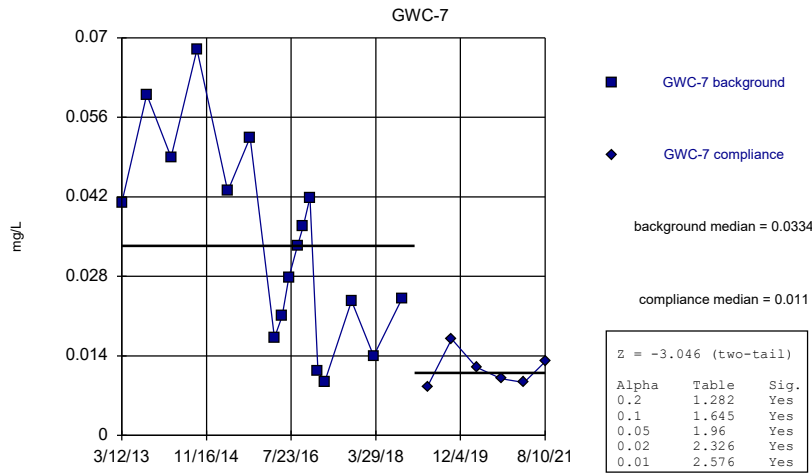
Constituent: Cobalt Analysis Run 3/25/2022 10:31 AM View: App I Mann-Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



Constituent: Cobalt Analysis Run 3/25/2022 10:31 AM View: App I Mann-Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

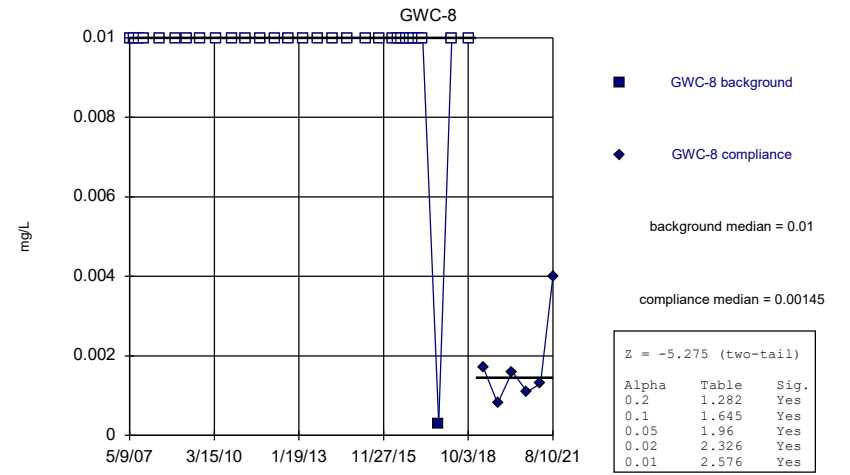
Mann-Whitney (Wilcoxon Rank Sum)



Constituent: Cobalt Analysis Run 3/25/2022 10:32 AM View: App I Mann-Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Hollow symbols indicate censored values.

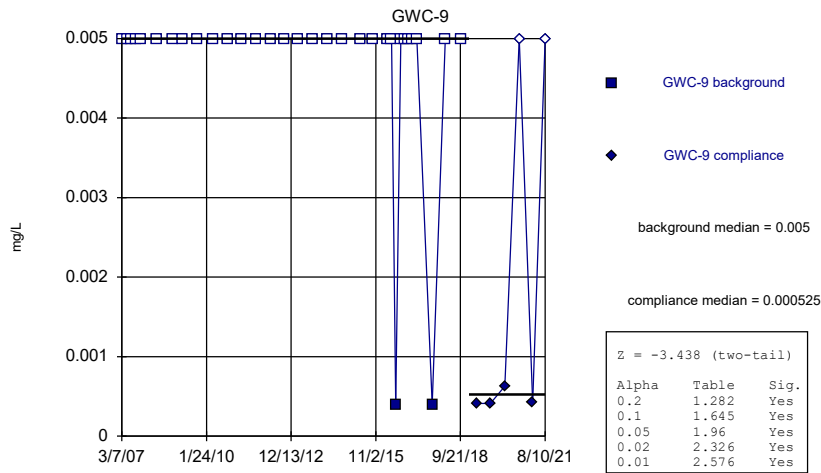
Mann-Whitney (Wilcoxon Rank Sum)



Constituent: Cobalt Analysis Run 3/25/2022 10:32 AM View: App I Mann-Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Hollow symbols indicate censored values.

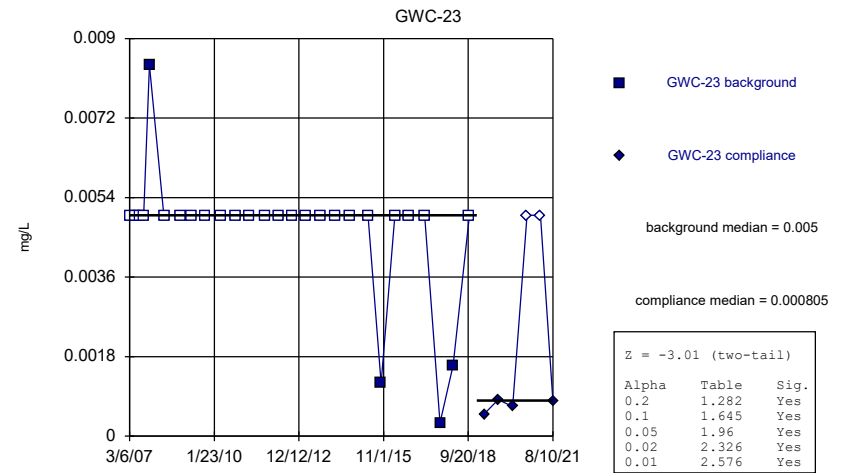
Mann-Whitney (Wilcoxon Rank Sum)



Constituent: Cobalt Analysis Run 3/25/2022 10:32 AM View: App I Mann-Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Hollow symbols indicate censored values.

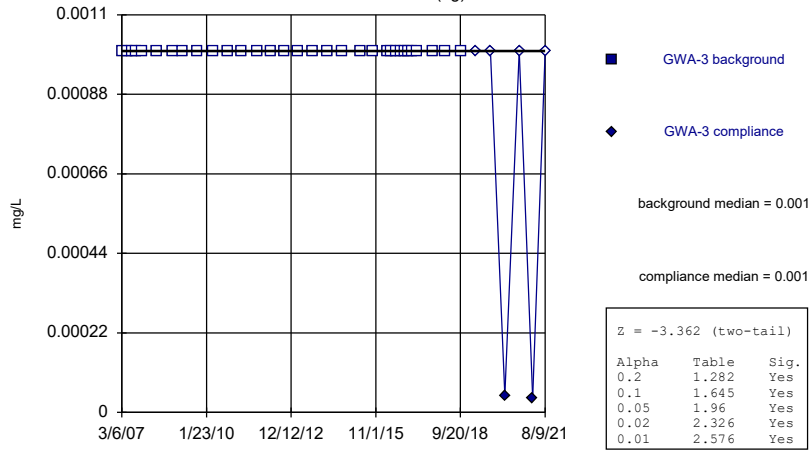
Mann-Whitney (Wilcoxon Rank Sum)



Constituent: Copper Analysis Run 3/25/2022 10:32 AM View: App I Mann-Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)

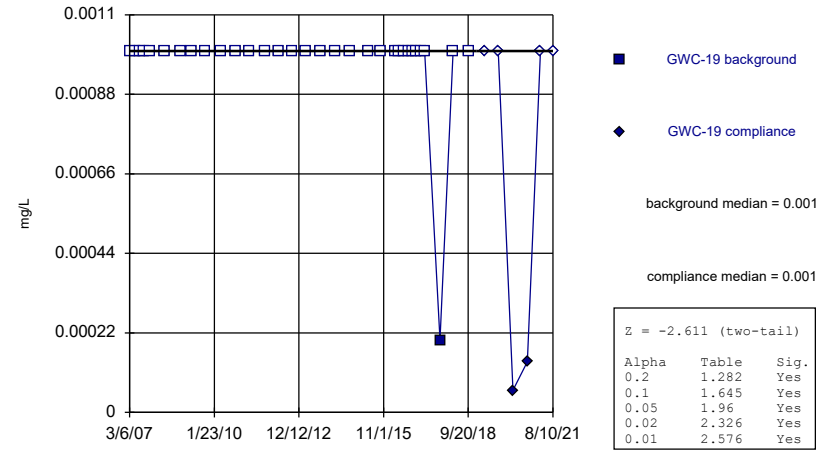
GWA-3 (bg)



Constituent: Lead Analysis Run 3/25/2022 10:32 AM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)

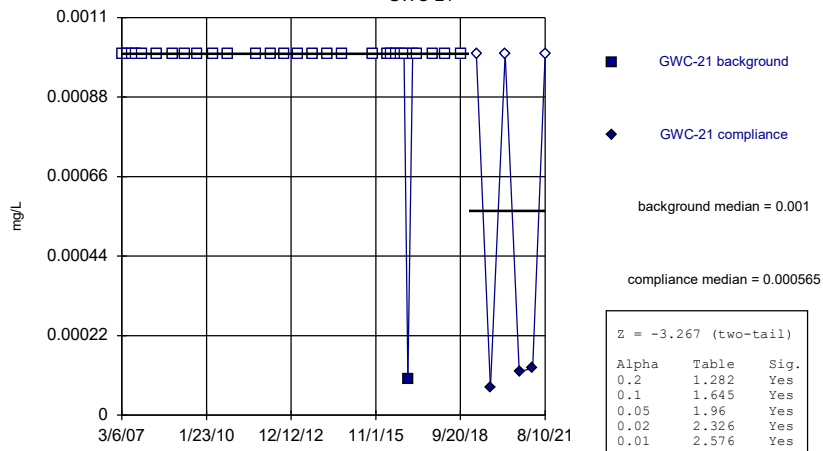
GWC-19



Constituent: Lead Analysis Run 3/25/2022 10:32 AM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)

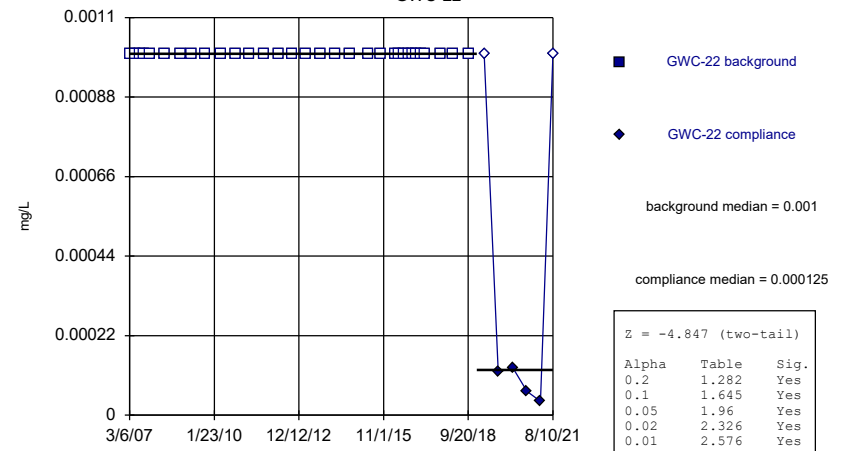
GWC-21



Constituent: Lead Analysis Run 3/25/2022 10:32 AM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

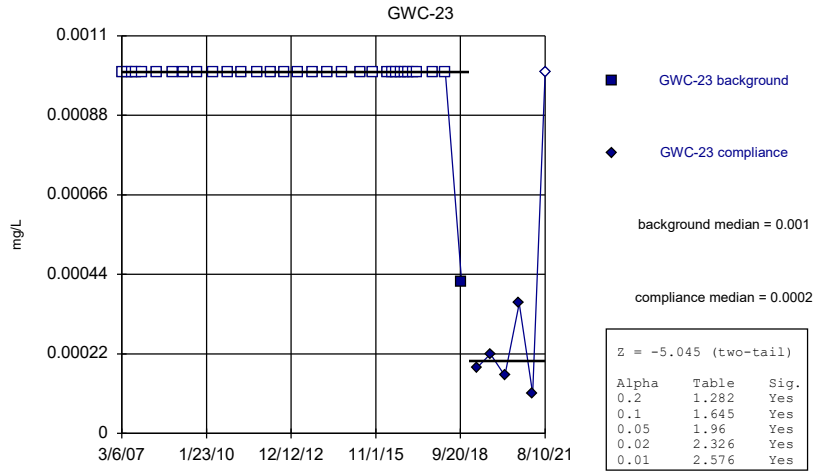
Mann-Whitney (Wilcoxon Rank Sum)

GWC-22



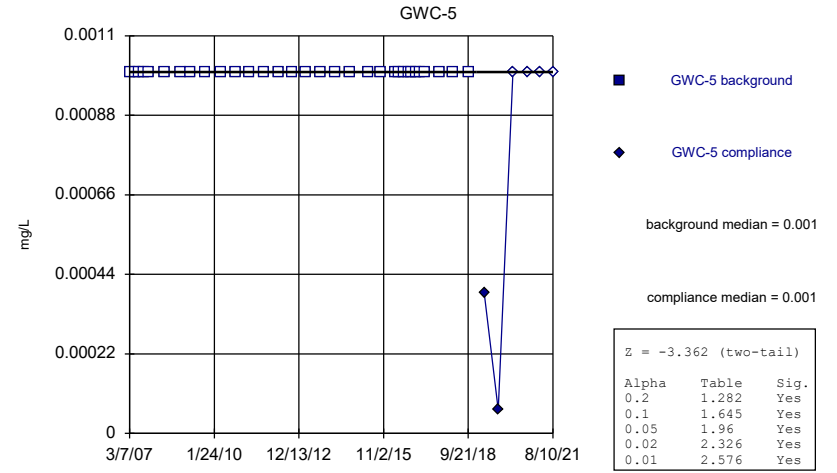
Constituent: Lead Analysis Run 3/25/2022 10:32 AM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



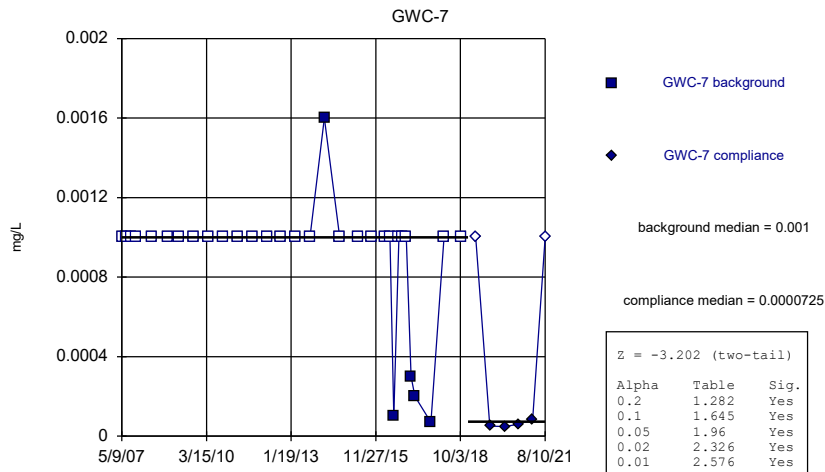
Constituent: Lead Analysis Run 3/25/2022 10:32 AM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



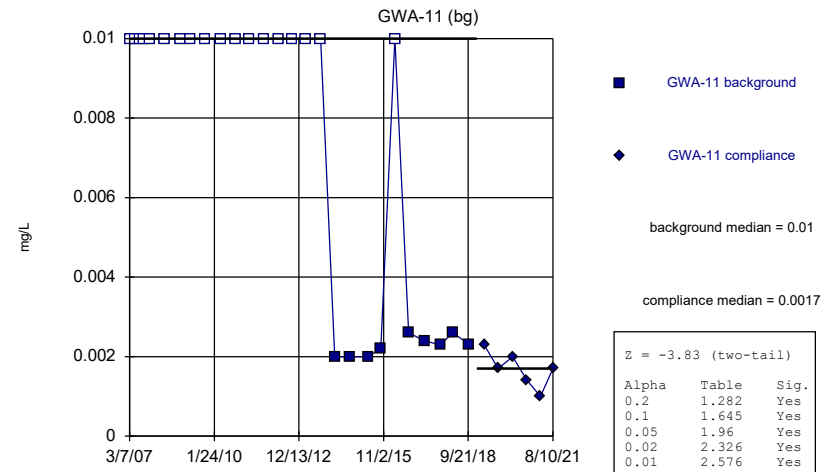
Constituent: Lead Analysis Run 3/25/2022 10:32 AM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



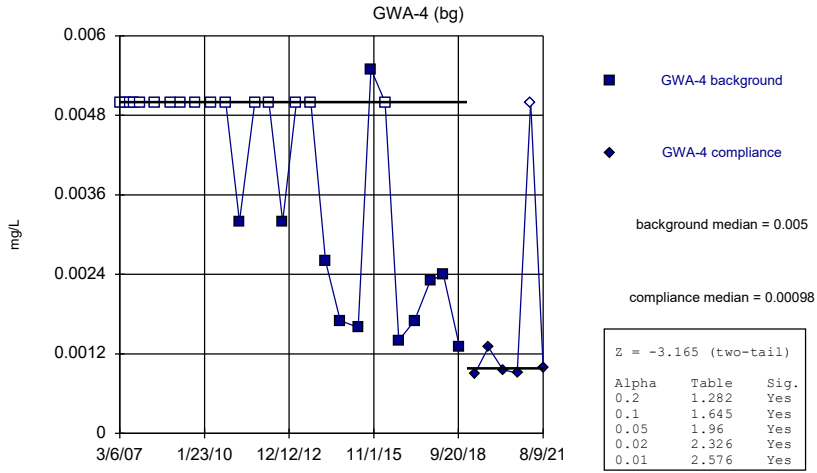
Constituent: Lead Analysis Run 3/25/2022 10:32 AM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



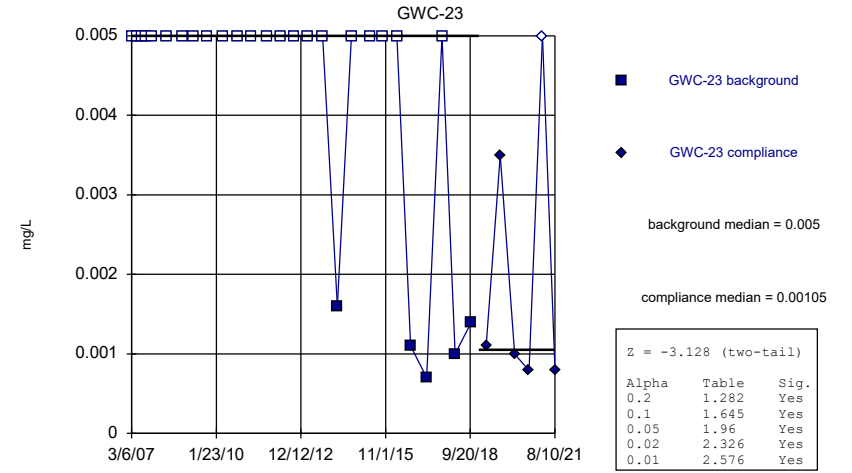
Constituent: Nickel Analysis Run 3/25/2022 10:32 AM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



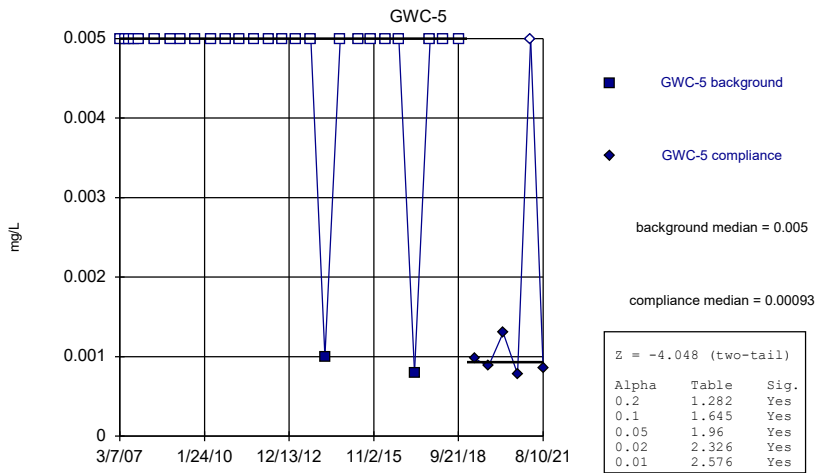
Constituent: Nickel Analysis Run 3/25/2022 10:32 AM View: App I Mann-Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



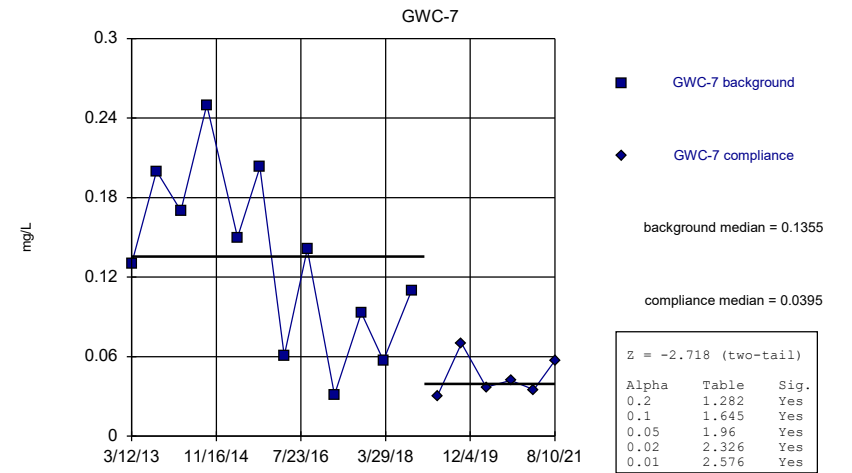
Constituent: Nickel Analysis Run 3/25/2022 10:32 AM View: App I Mann-Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



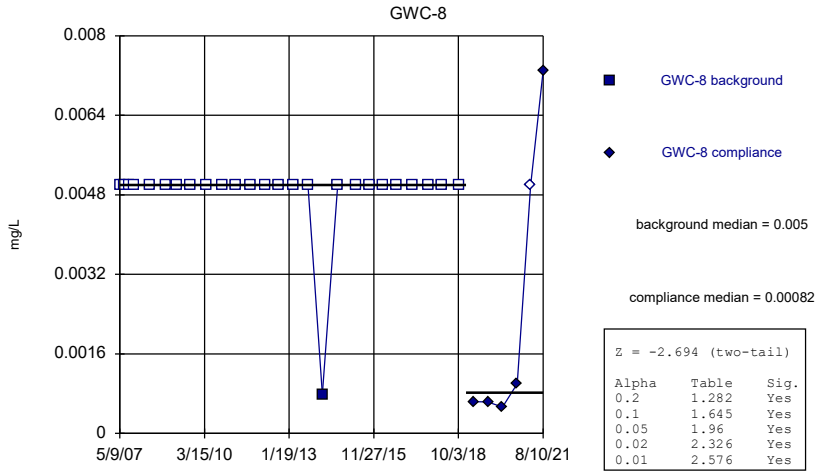
Constituent: Nickel Analysis Run 3/25/2022 10:32 AM View: App I Mann-Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



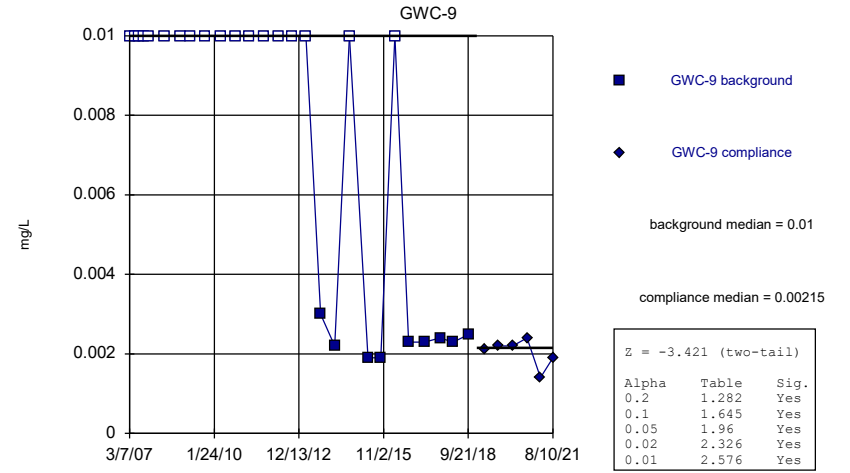
Constituent: Nickel Analysis Run 3/25/2022 10:32 AM View: App I Mann-Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



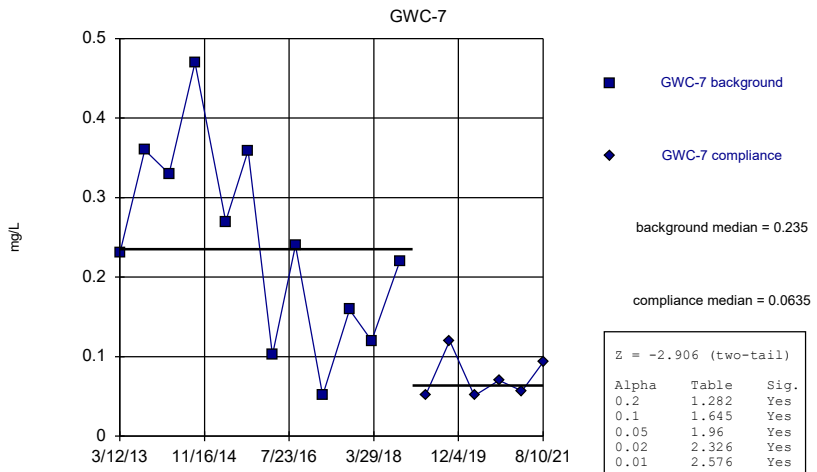
Constituent: Nickel Analysis Run 3/25/2022 10:32 AM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



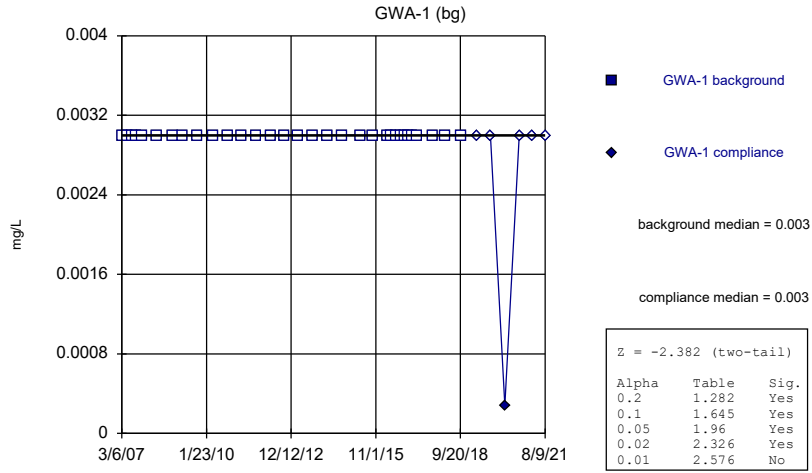
Constituent: Nickel Analysis Run 3/25/2022 10:32 AM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



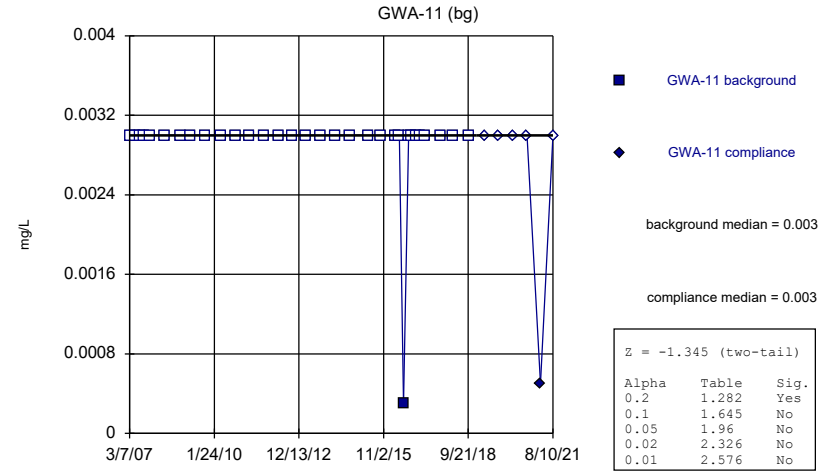
Constituent: Zinc Analysis Run 3/25/2022 10:33 AM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



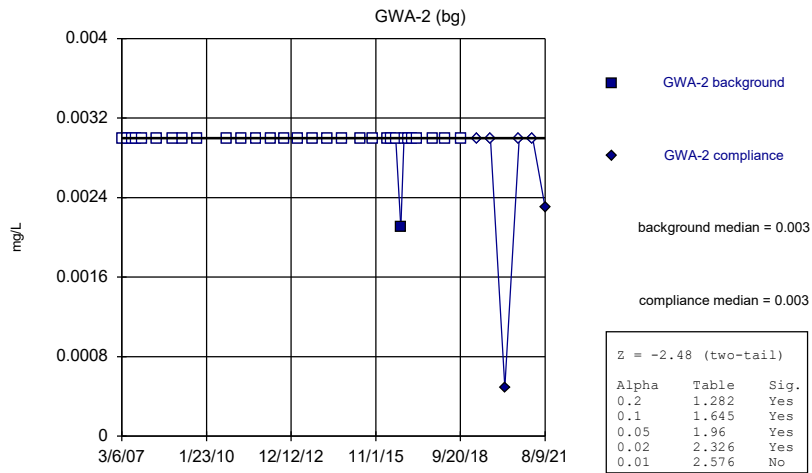
Constituent: Antimony Analysis Run 3/25/2022 2:24 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



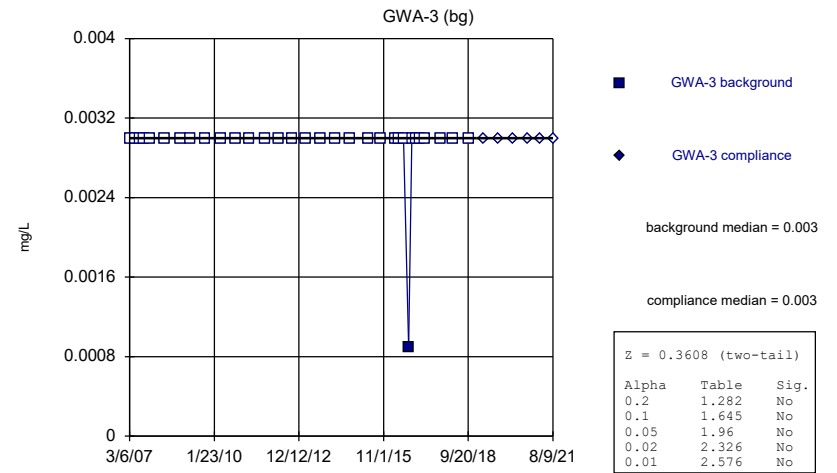
Constituent: Antimony Analysis Run 3/25/2022 2:24 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



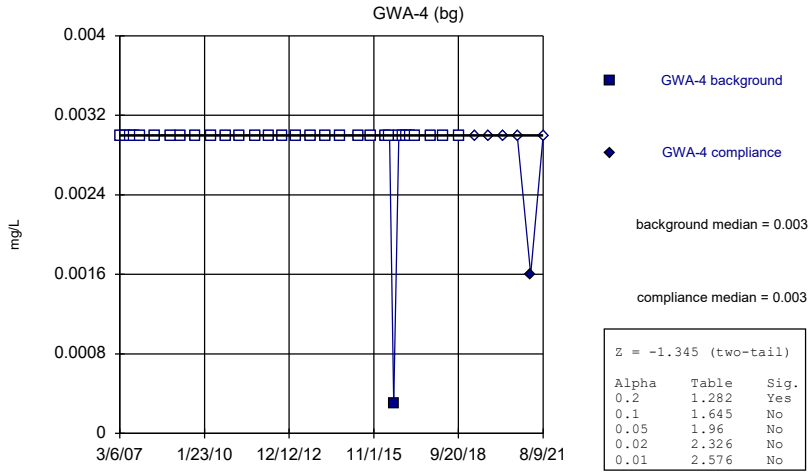
Constituent: Antimony Analysis Run 3/25/2022 2:24 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



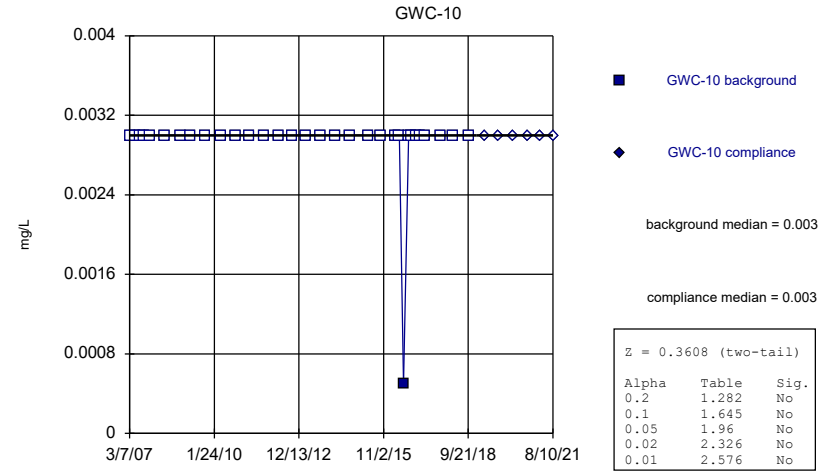
Constituent: Antimony Analysis Run 3/25/2022 2:24 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



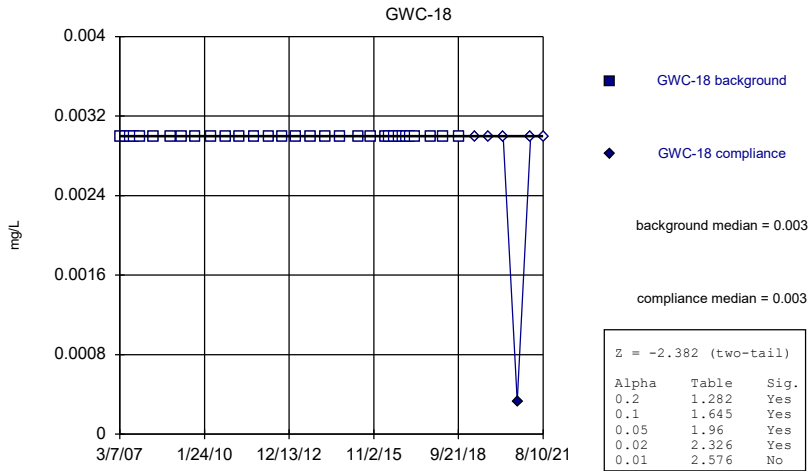
Constituent: Antimony Analysis Run 3/25/2022 2:24 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



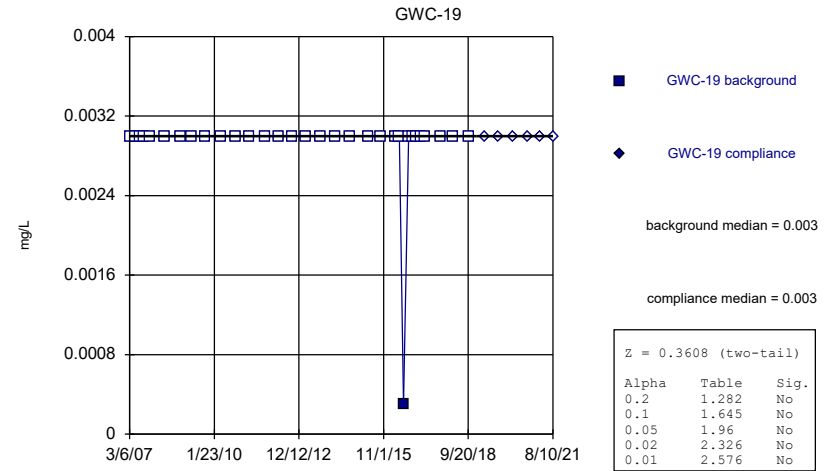
Constituent: Antimony Analysis Run 3/25/2022 2:24 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



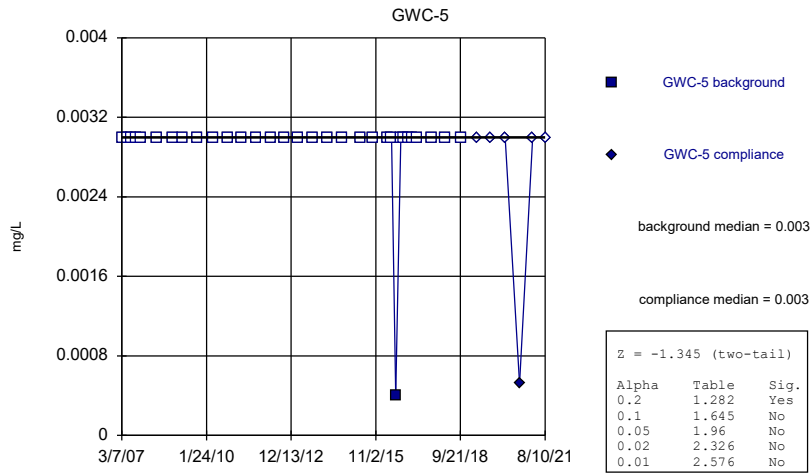
Constituent: Antimony Analysis Run 3/25/2022 2:24 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



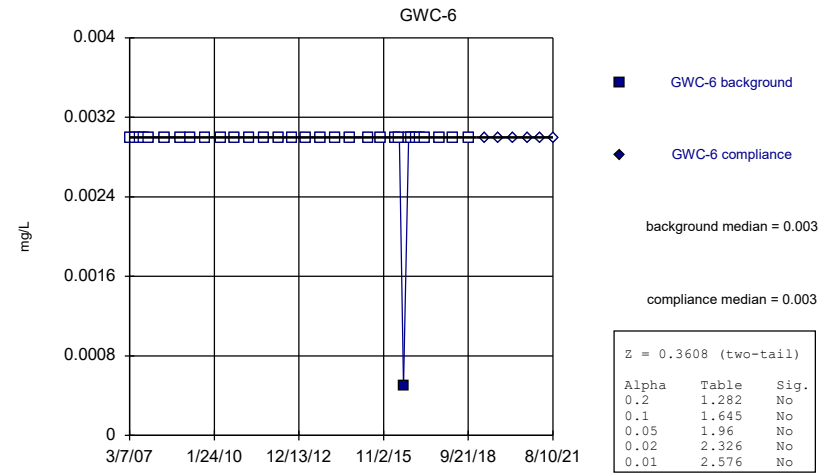
Constituent: Antimony Analysis Run 3/25/2022 2:24 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



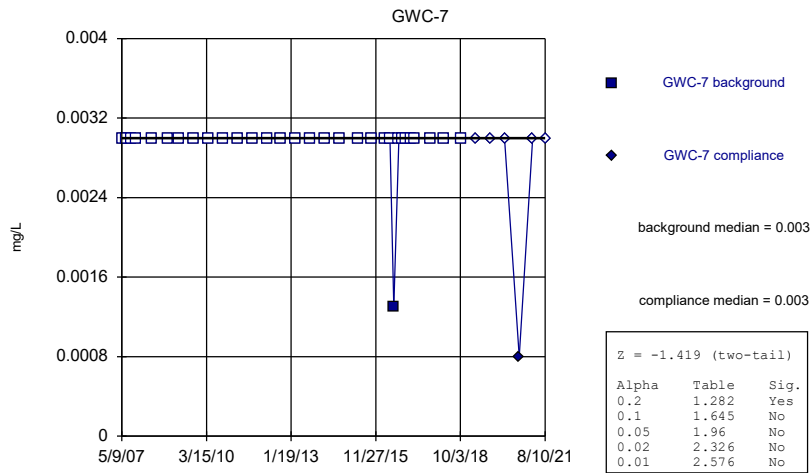
Constituent: Antimony Analysis Run 3/25/2022 2:24 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



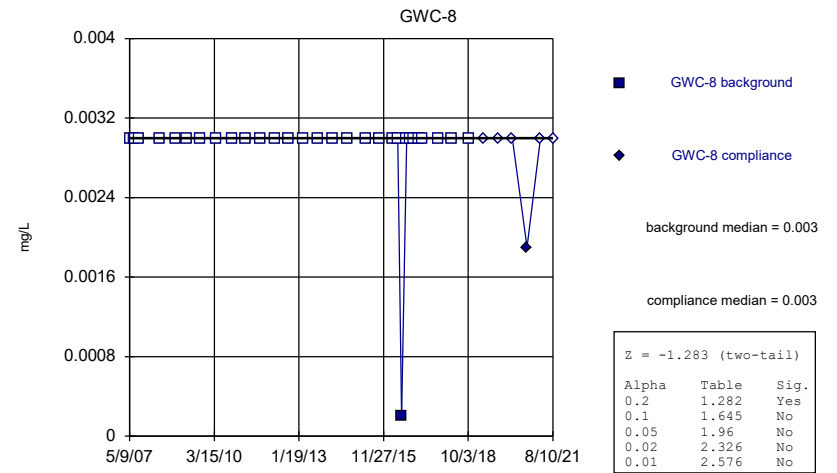
Constituent: Antimony Analysis Run 3/25/2022 2:24 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



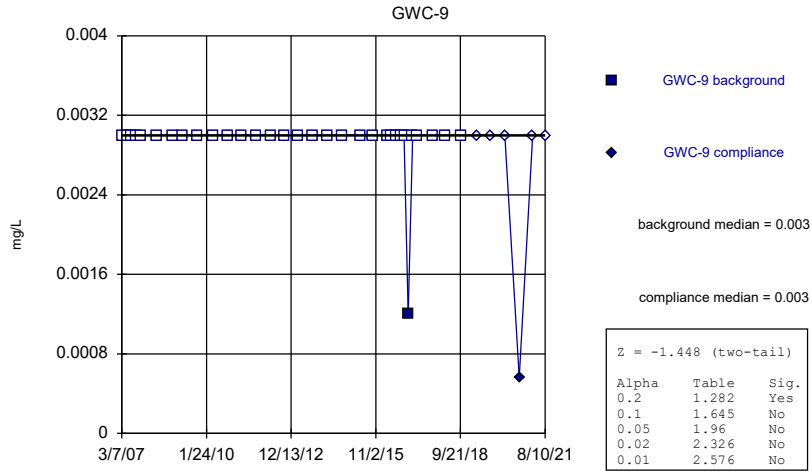
Constituent: Antimony Analysis Run 3/25/2022 2:24 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



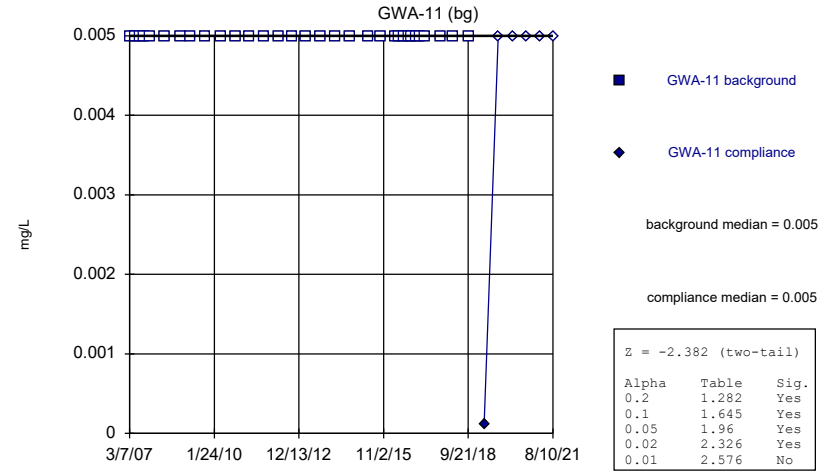
Constituent: Antimony Analysis Run 3/25/2022 2:24 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



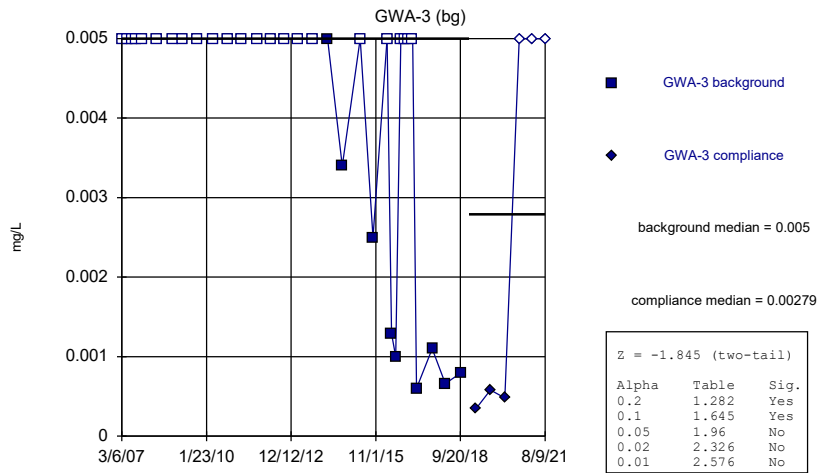
Constituent: Antimony Analysis Run 3/25/2022 2:24 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



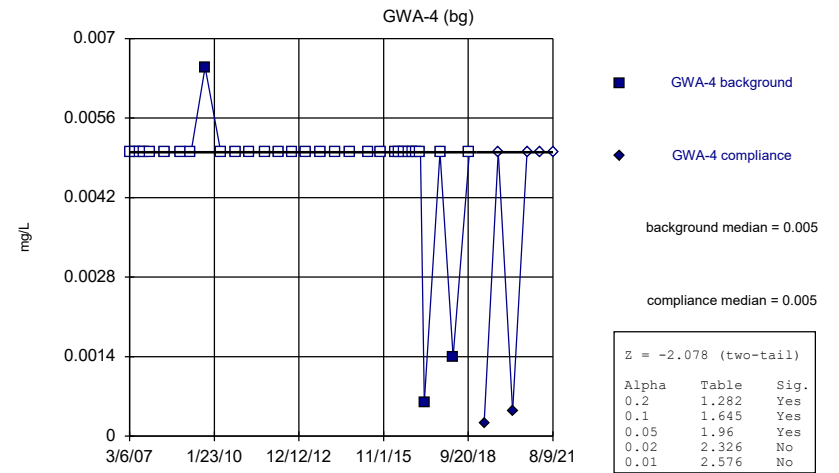
Constituent: Arsenic Analysis Run 3/25/2022 2:24 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



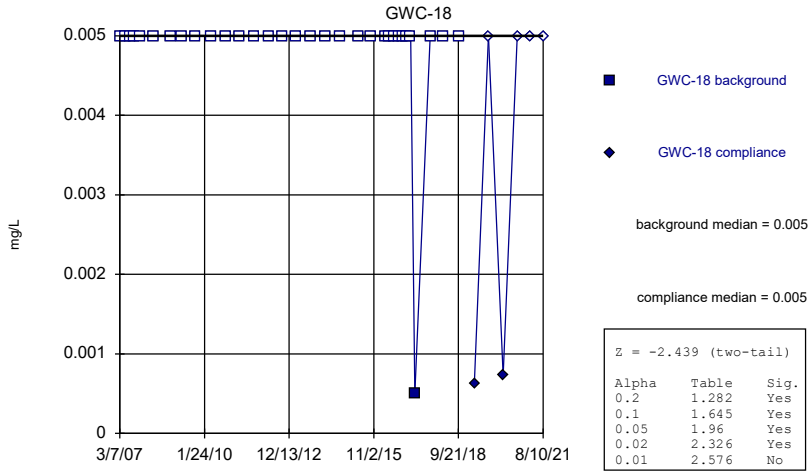
Constituent: Arsenic Analysis Run 3/25/2022 2:24 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



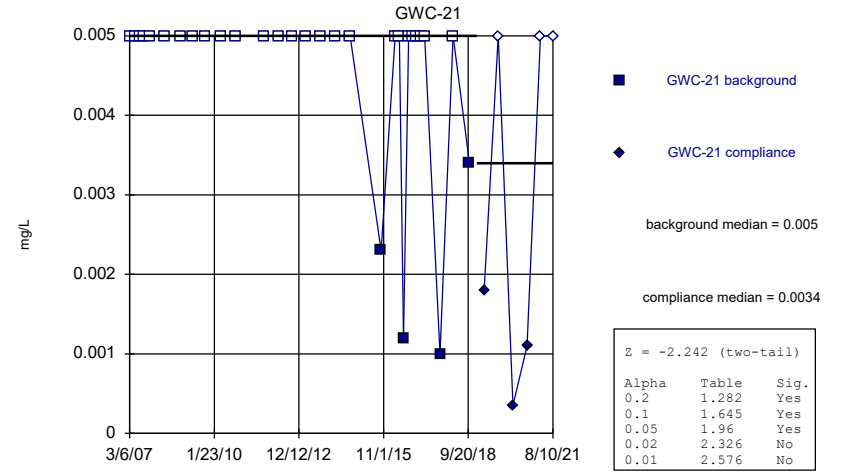
Constituent: Arsenic Analysis Run 3/25/2022 2:24 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



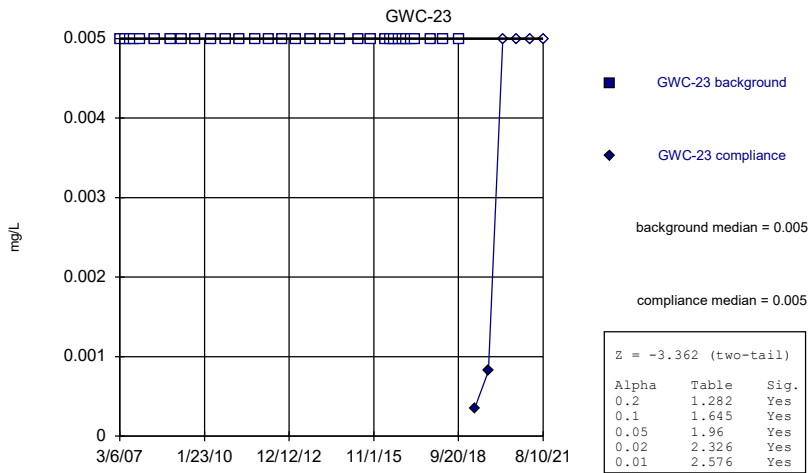
Constituent: Arsenic Analysis Run 3/25/2022 2:24 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



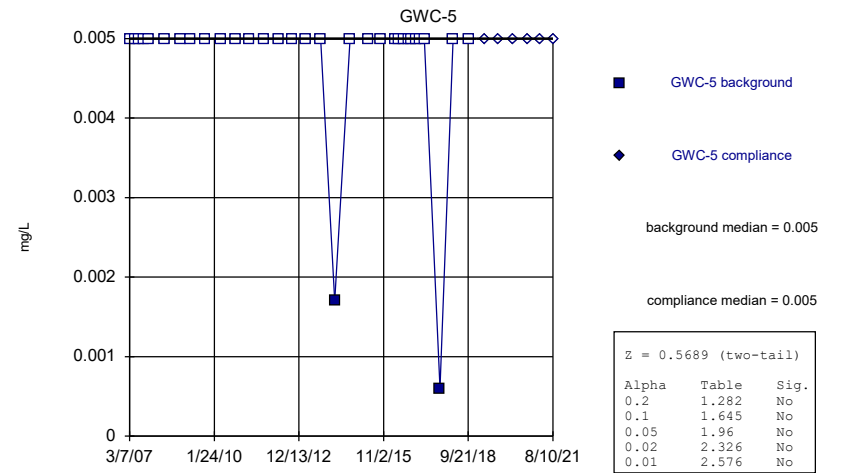
Constituent: Arsenic Analysis Run 3/25/2022 2:24 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



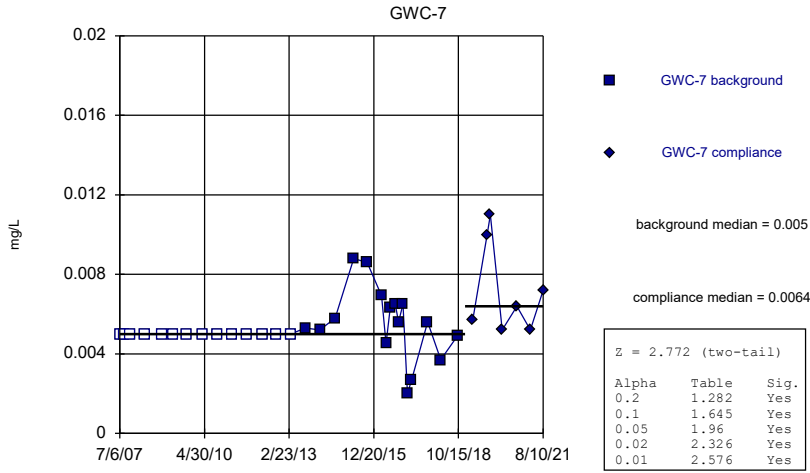
Constituent: Arsenic Analysis Run 3/25/2022 2:24 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



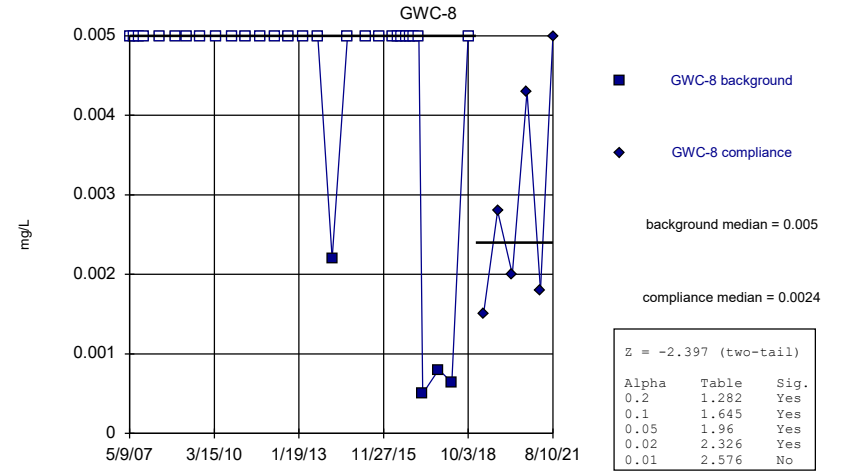
Constituent: Arsenic Analysis Run 3/25/2022 2:24 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



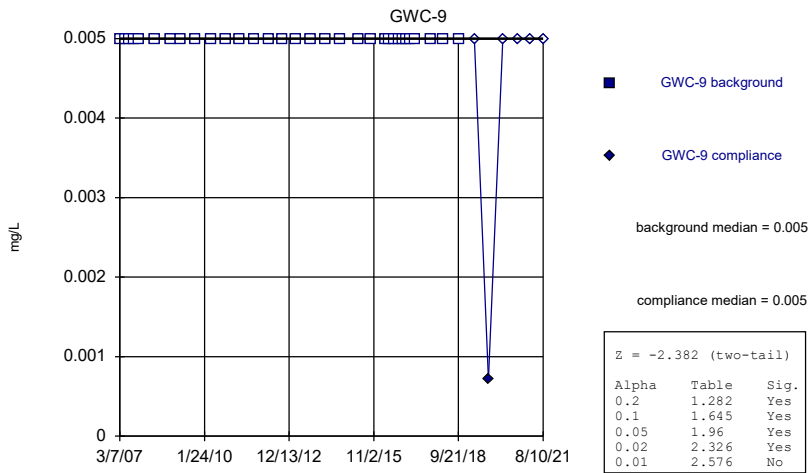
Constituent: Arsenic Analysis Run 3/25/2022 2:24 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



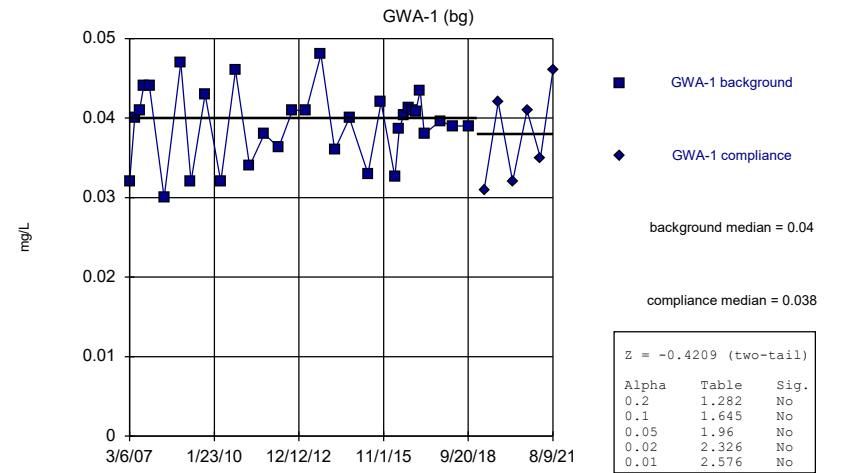
Constituent: Arsenic Analysis Run 3/25/2022 2:24 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



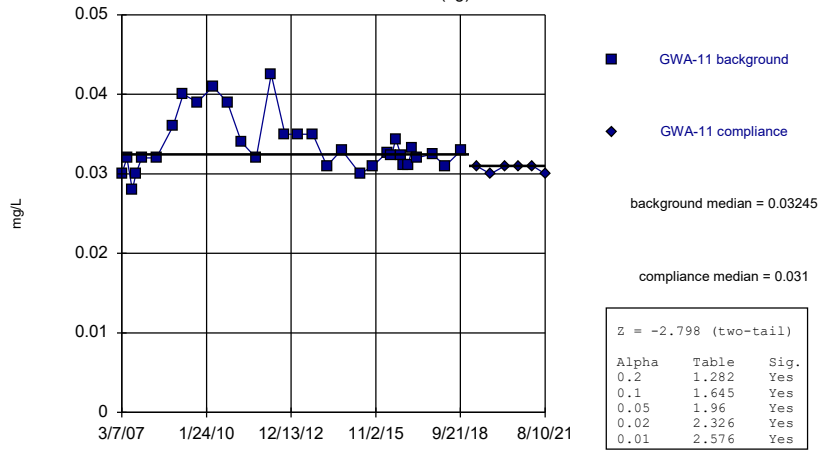
Constituent: Arsenic Analysis Run 3/25/2022 2:24 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



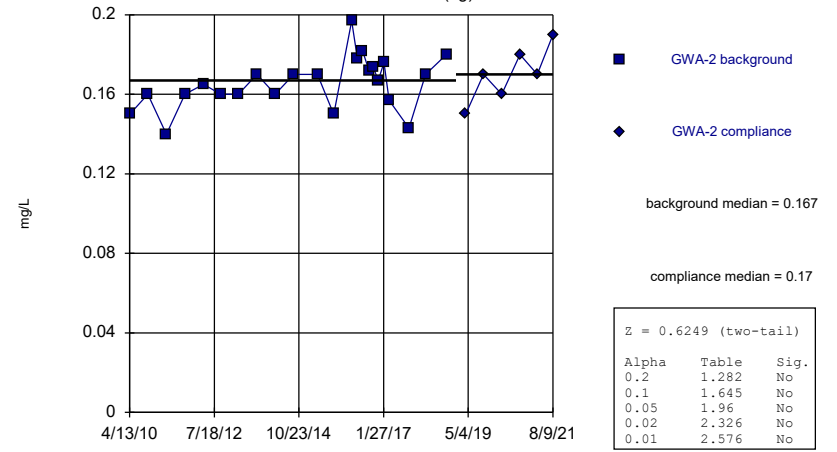
Constituent: Barium Analysis Run 3/25/2022 2:24 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)
GWA-11 (bg)



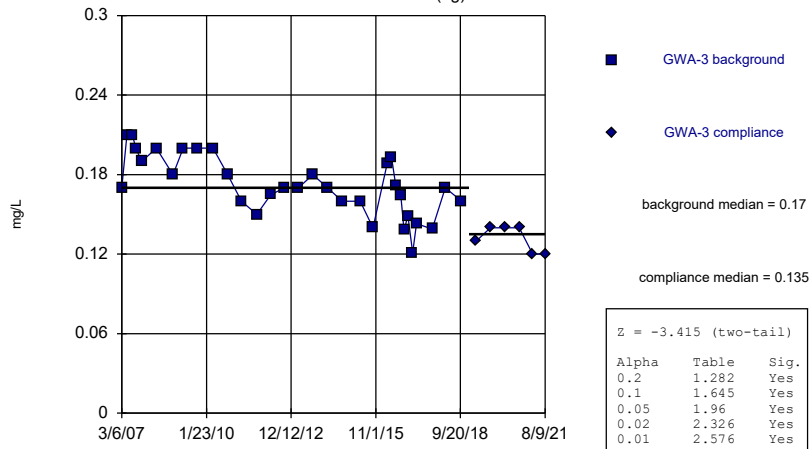
Constituent: Barium Analysis Run 3/25/2022 2:24 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)
GWA-2 (bg)



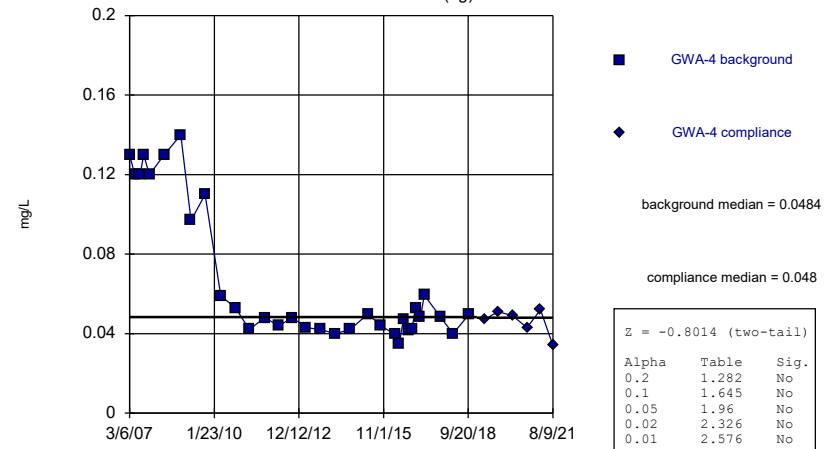
Constituent: Barium Analysis Run 3/25/2022 2:24 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)
GWA-3 (bg)



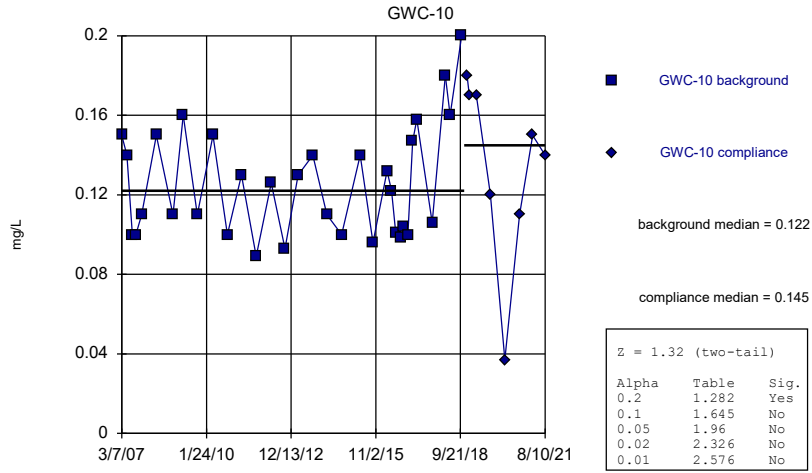
Constituent: Barium Analysis Run 3/25/2022 2:24 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)
GWA-4 (bg)



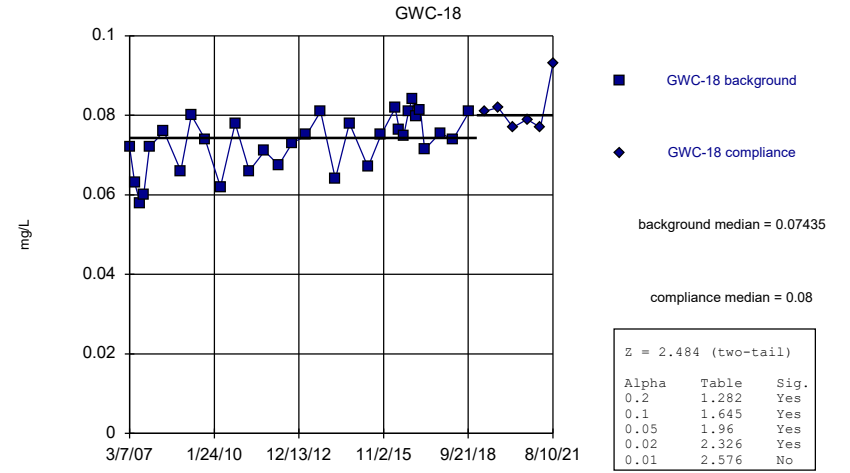
Constituent: Barium Analysis Run 3/25/2022 2:24 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



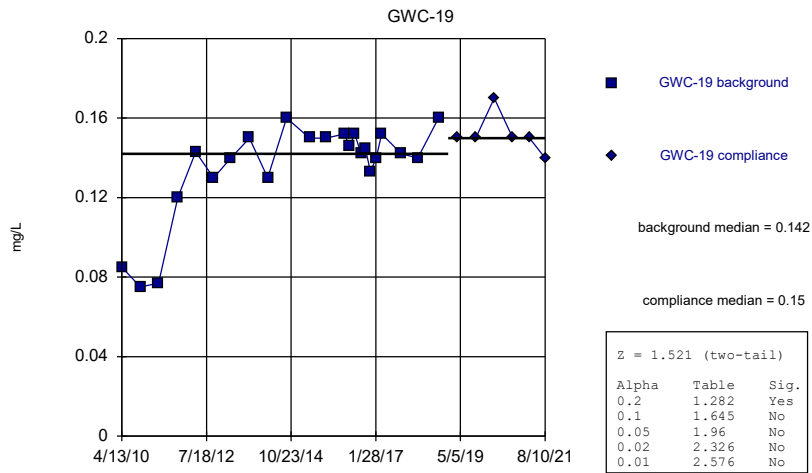
Constituent: Barium Analysis Run 3/25/2022 2:24 PM View: App I Mann-Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



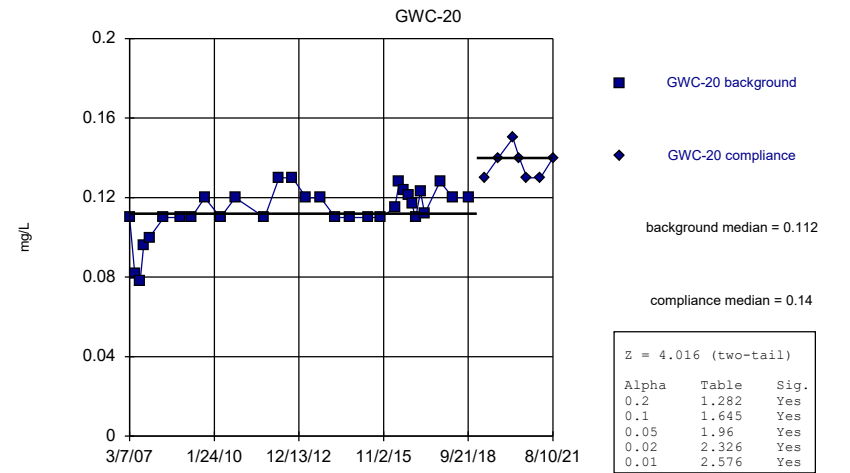
Constituent: Barium Analysis Run 3/25/2022 2:25 PM View: App I Mann-Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



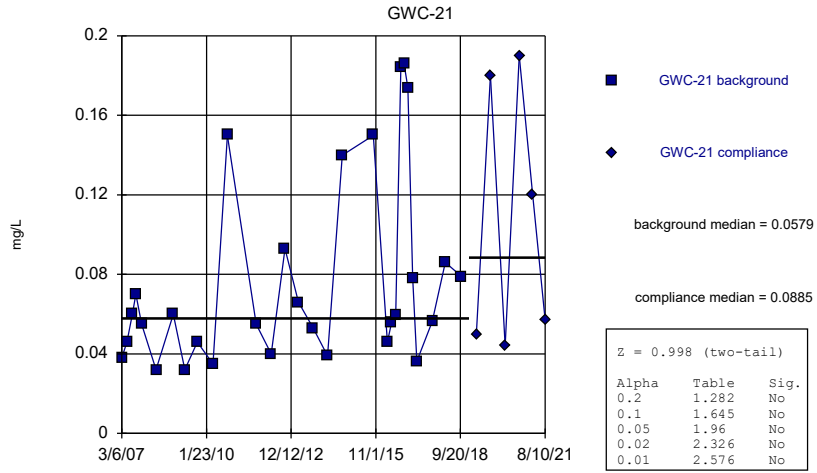
Constituent: Barium Analysis Run 3/25/2022 2:25 PM View: App I Mann-Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



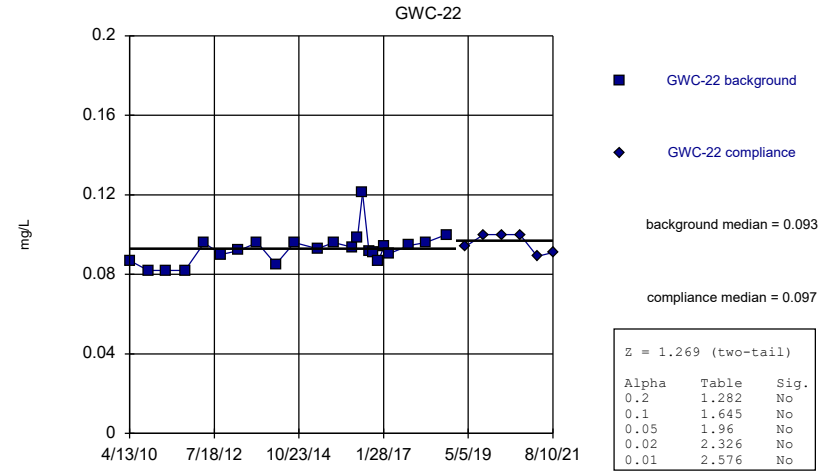
Constituent: Barium Analysis Run 3/25/2022 2:25 PM View: App I Mann-Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



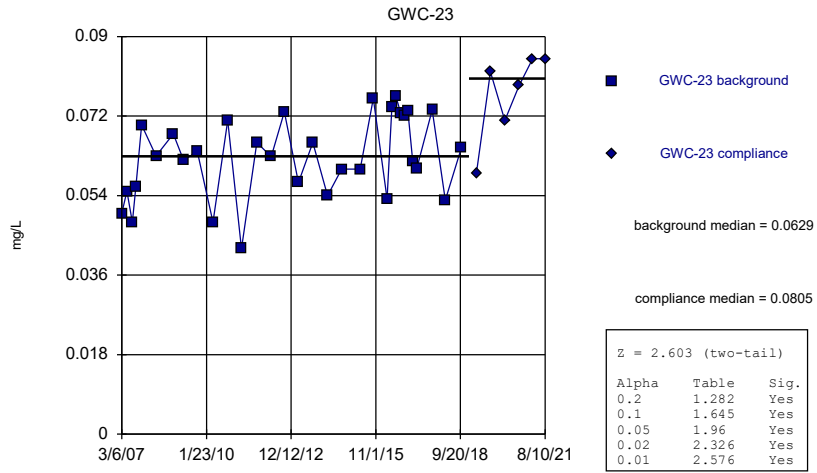
Constituent: Barium Analysis Run 3/25/2022 2:25 PM View: App I Mann-Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



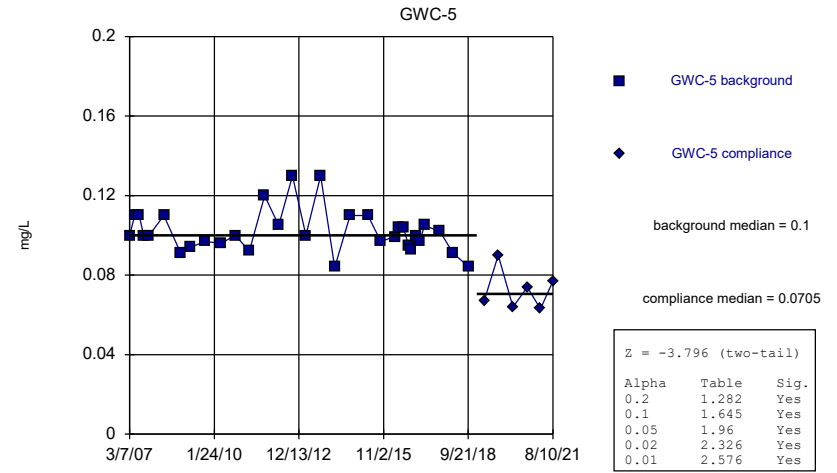
Constituent: Barium Analysis Run 3/25/2022 2:25 PM View: App I Mann-Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



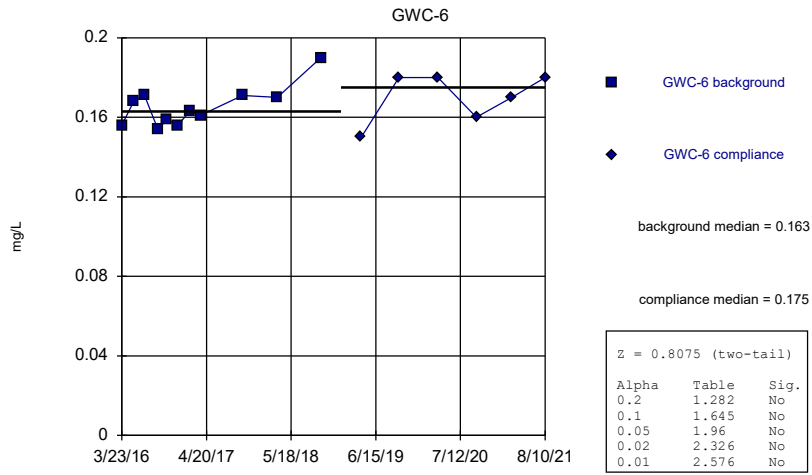
Constituent: Barium Analysis Run 3/25/2022 2:25 PM View: App I Mann-Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



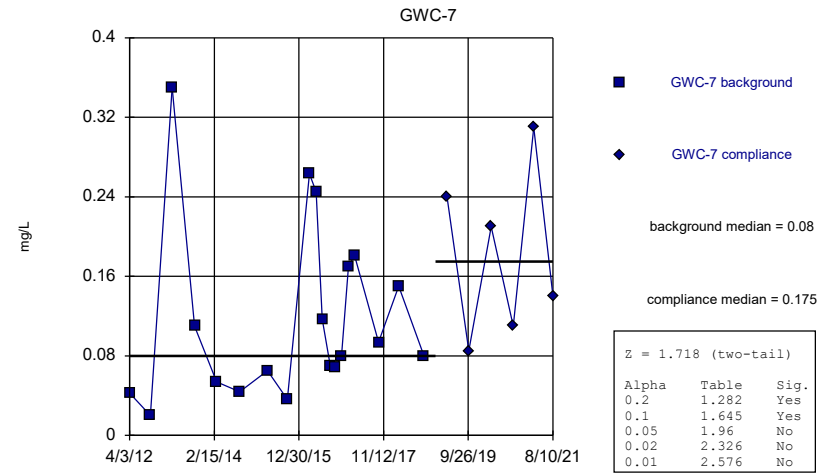
Constituent: Barium Analysis Run 3/25/2022 2:25 PM View: App I Mann-Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



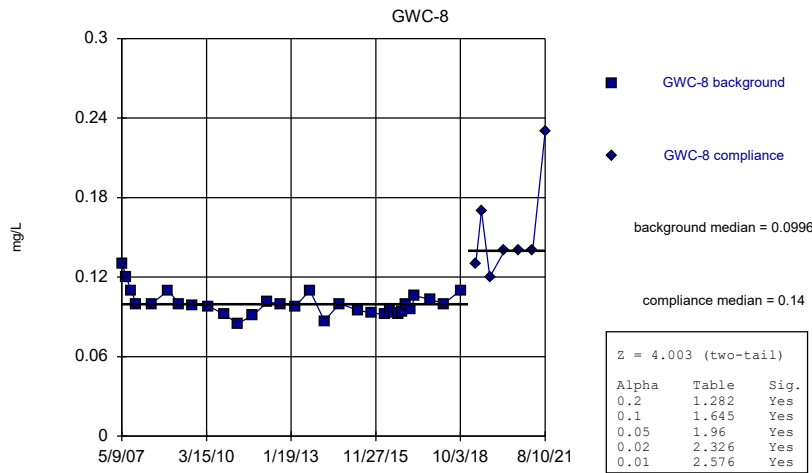
Constituent: Barium Analysis Run 3/25/2022 2:25 PM View: App I Mann-Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



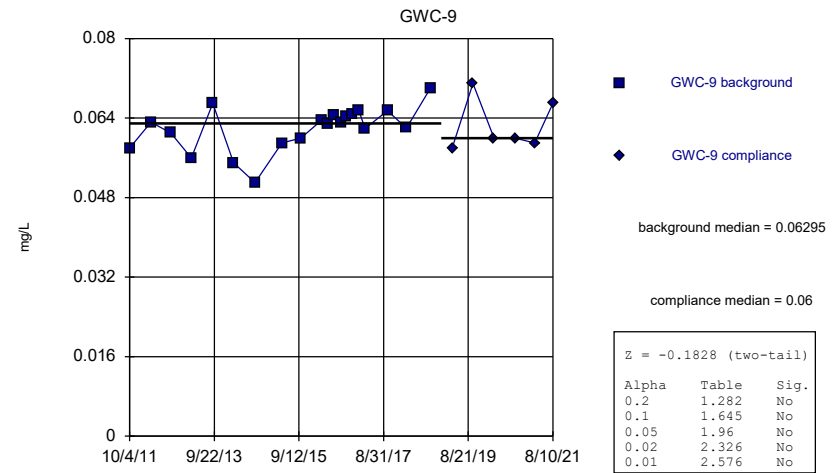
Constituent: Barium Analysis Run 3/25/2022 2:25 PM View: App I Mann-Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



Constituent: Barium Analysis Run 3/25/2022 2:25 PM View: App I Mann-Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

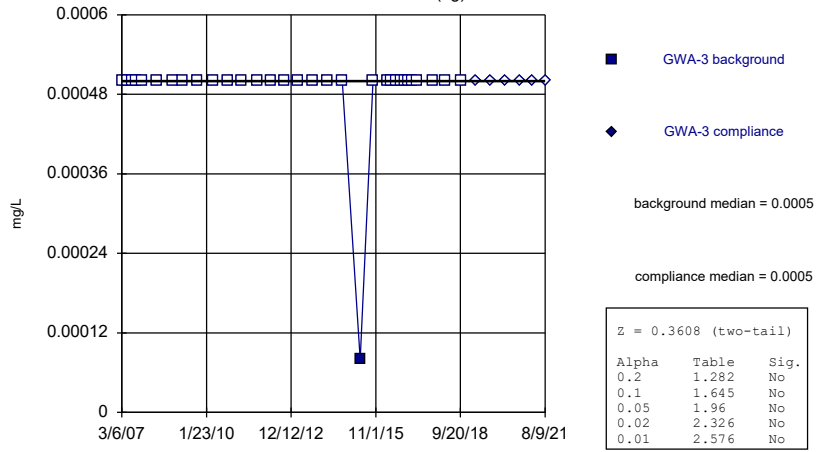
Mann-Whitney (Wilcoxon Rank Sum)



Constituent: Barium Analysis Run 3/25/2022 2:25 PM View: App I Mann-Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)

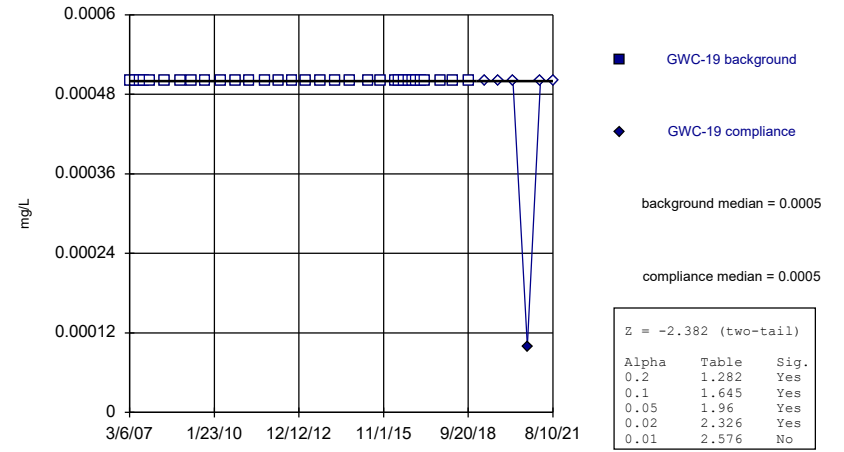
GWA-3 (bg)



Constituent: Beryllium Analysis Run 3/25/2022 2:25 PM View: App I Mann-Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)

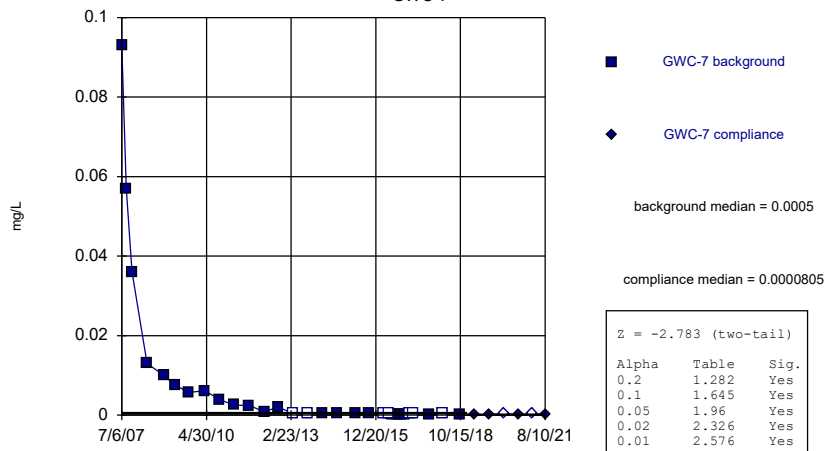
GWC-19



Constituent: Beryllium Analysis Run 3/25/2022 2:25 PM View: App I Mann-Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)

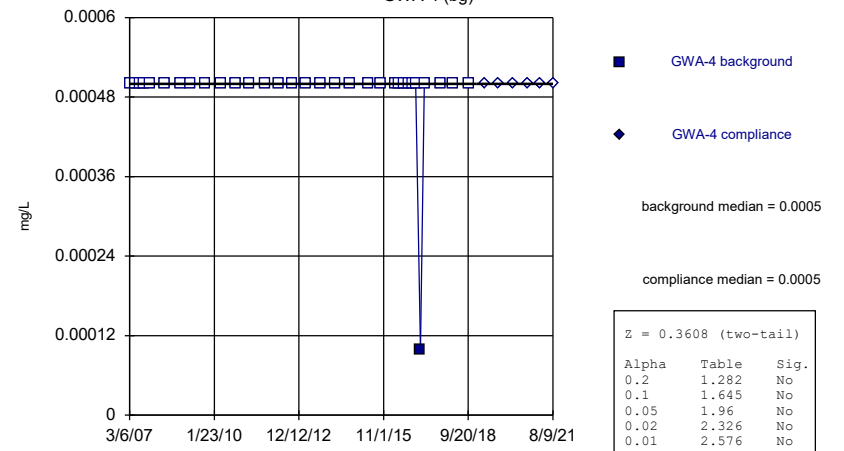
GWC-7



Constituent: Beryllium Analysis Run 3/25/2022 2:25 PM View: App I Mann-Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

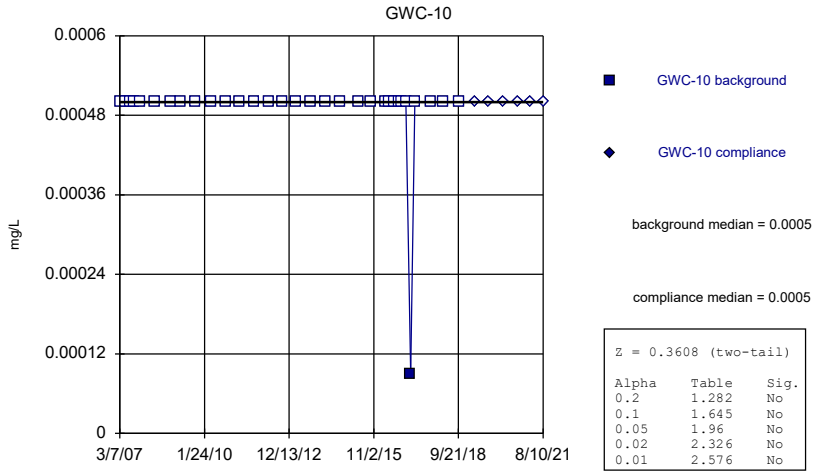
Mann-Whitney (Wilcoxon Rank Sum)

GWA-4 (bg)



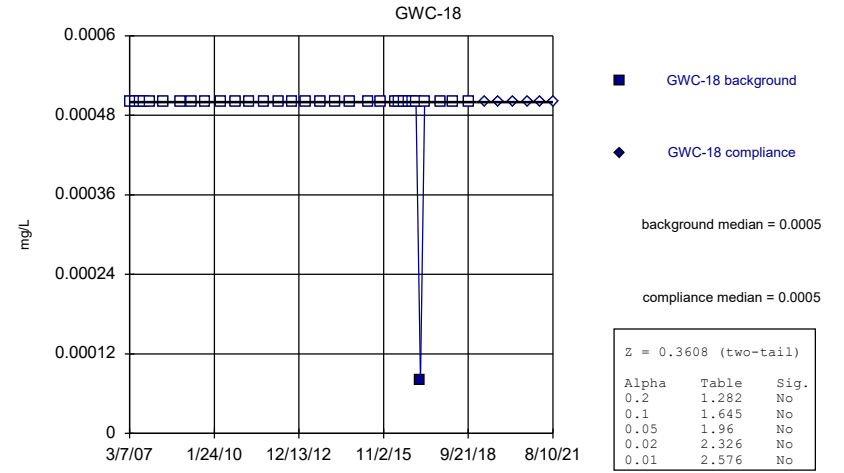
Constituent: Cadmium Analysis Run 3/25/2022 2:25 PM View: App I Mann-Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



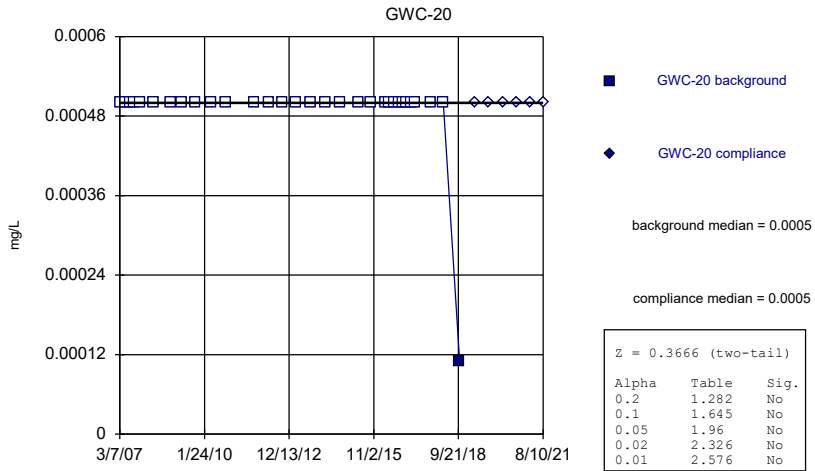
Constituent: Cadmium Analysis Run 3/25/2022 2:25 PM View: App I Mann-Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



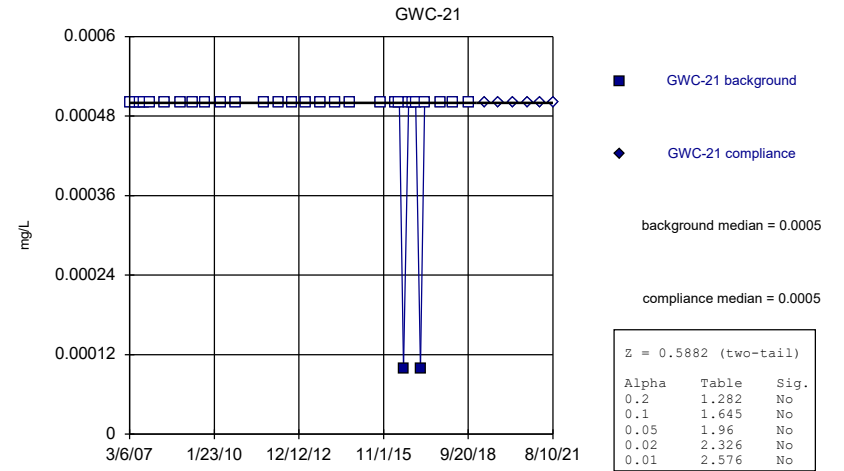
Constituent: Cadmium Analysis Run 3/25/2022 2:25 PM View: App I Mann-Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



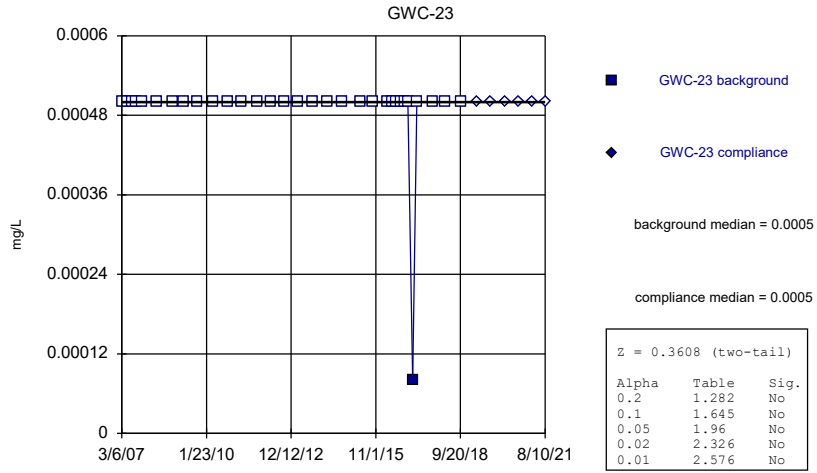
Constituent: Cadmium Analysis Run 3/25/2022 2:25 PM View: App I Mann-Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



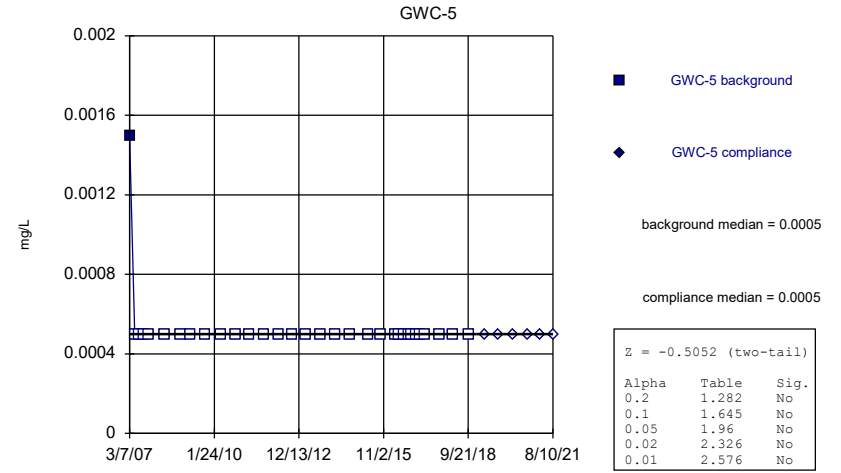
Constituent: Cadmium Analysis Run 3/25/2022 2:25 PM View: App I Mann-Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



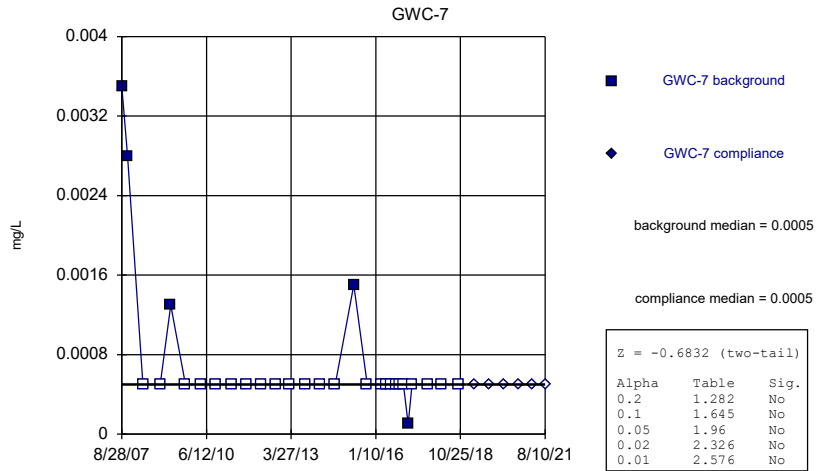
Constituent: Cadmium Analysis Run 3/25/2022 2:25 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



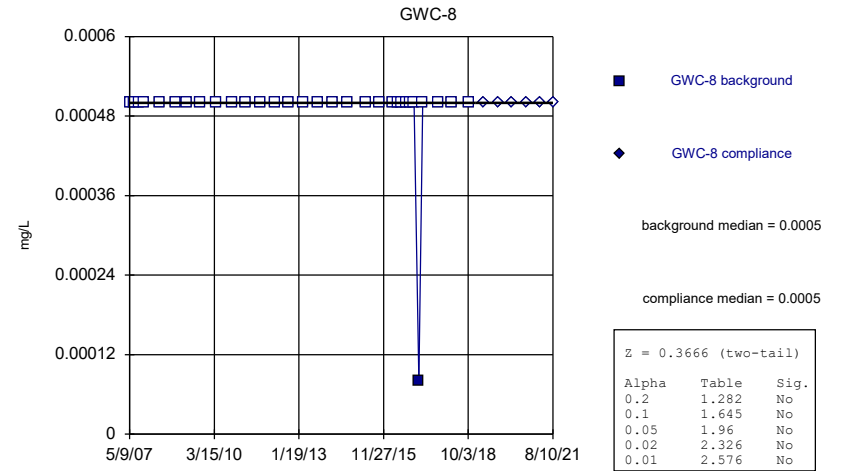
Constituent: Cadmium Analysis Run 3/25/2022 2:25 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



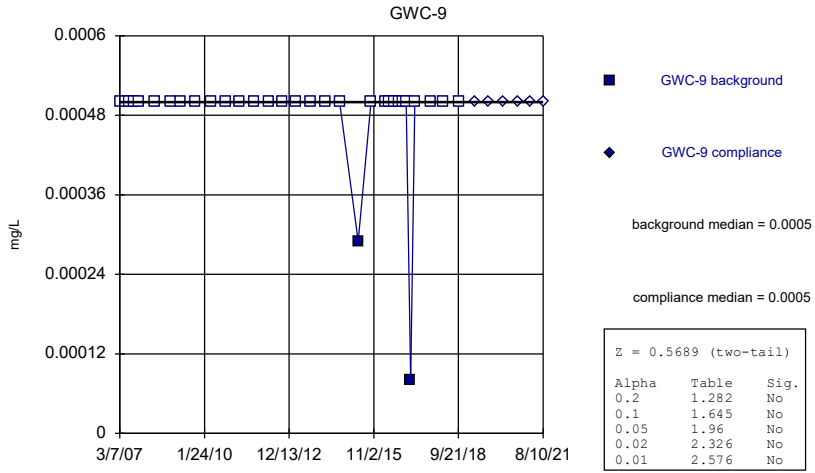
Constituent: Cadmium Analysis Run 3/25/2022 2:25 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



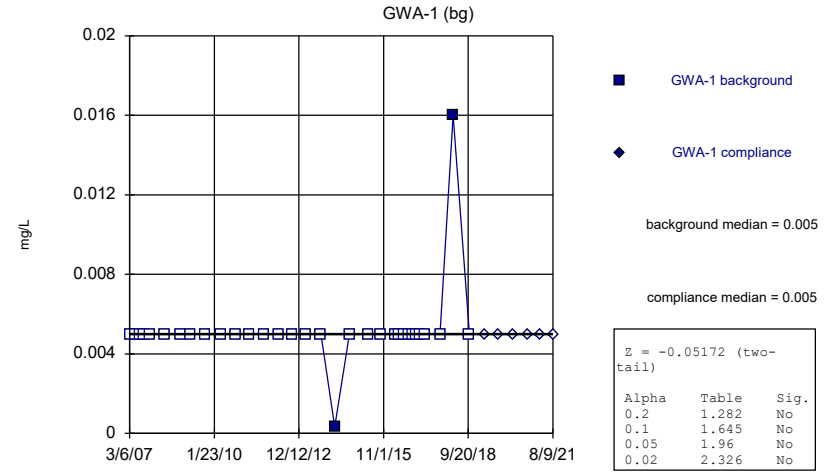
Constituent: Cadmium Analysis Run 3/25/2022 2:25 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



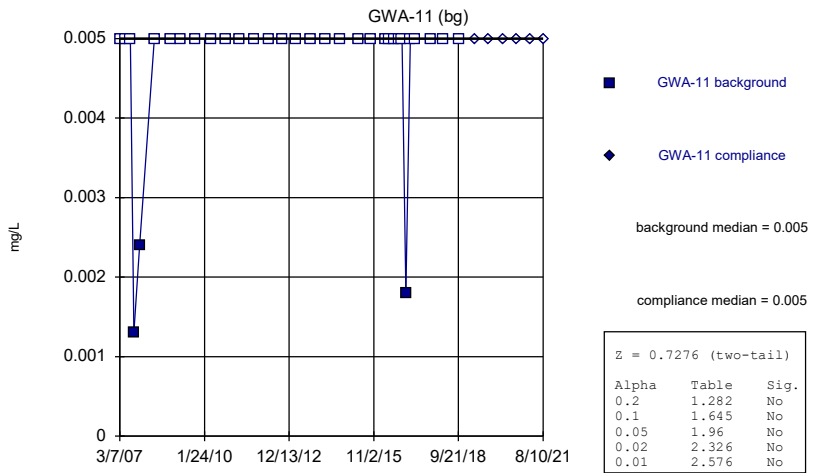
Constituent: Cadmium Analysis Run 3/25/2022 2:25 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



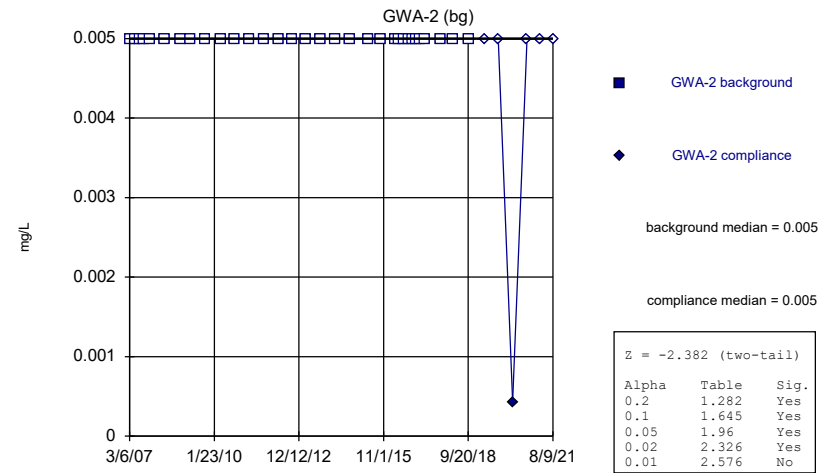
Constituent: Chromium Analysis Run 3/25/2022 2:25 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



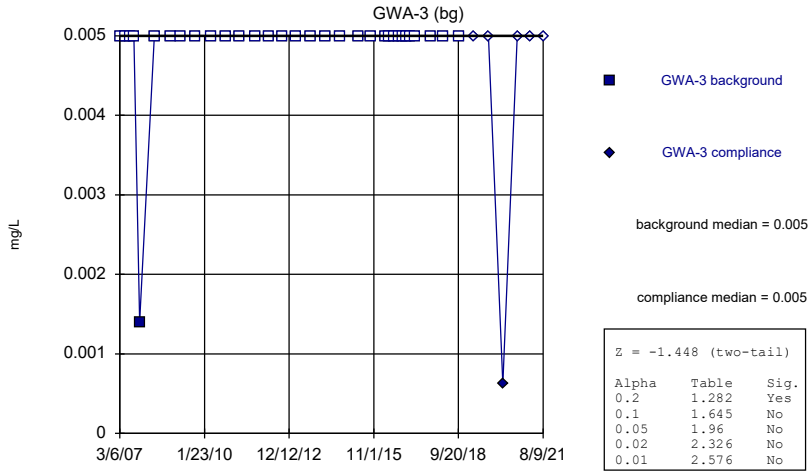
Constituent: Chromium Analysis Run 3/25/2022 2:25 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



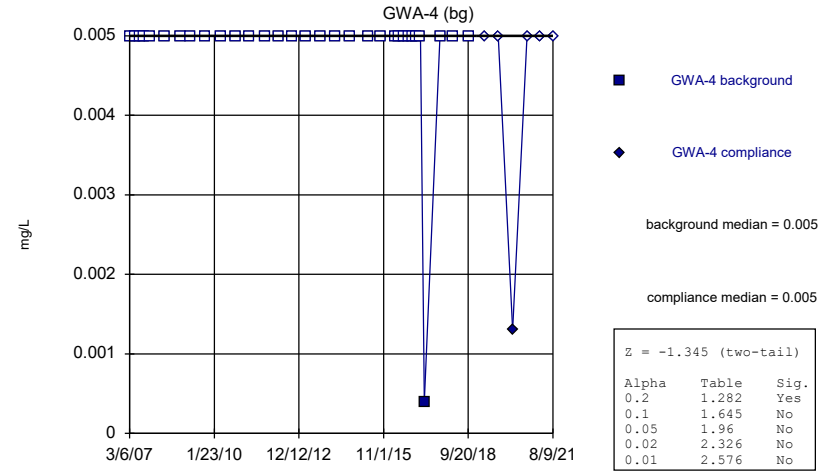
Constituent: Chromium Analysis Run 3/25/2022 2:25 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



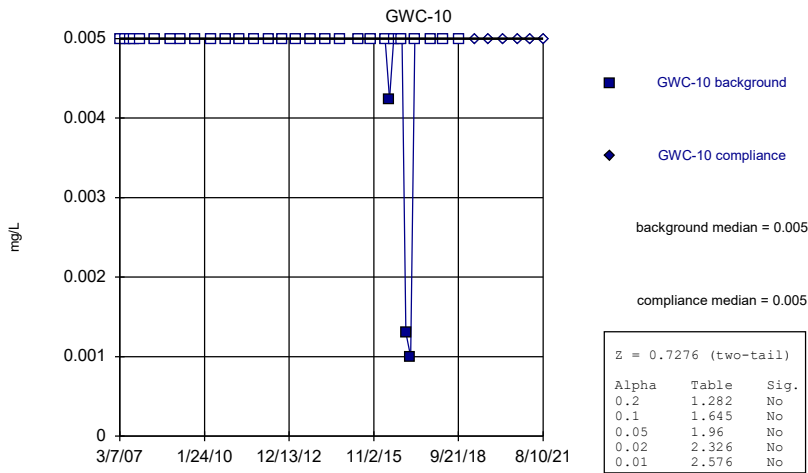
Constituent: Chromium Analysis Run 3/25/2022 2:25 PM View: App I Mann-Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



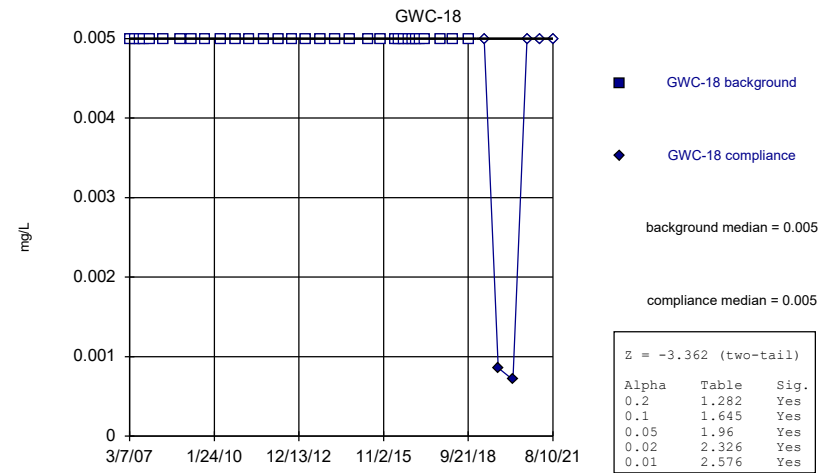
Constituent: Chromium Analysis Run 3/25/2022 2:25 PM View: App I Mann-Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



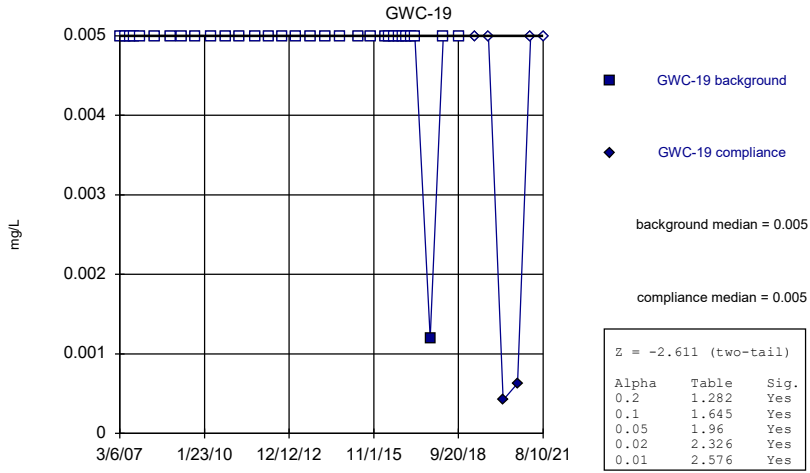
Constituent: Chromium Analysis Run 3/25/2022 2:25 PM View: App I Mann-Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



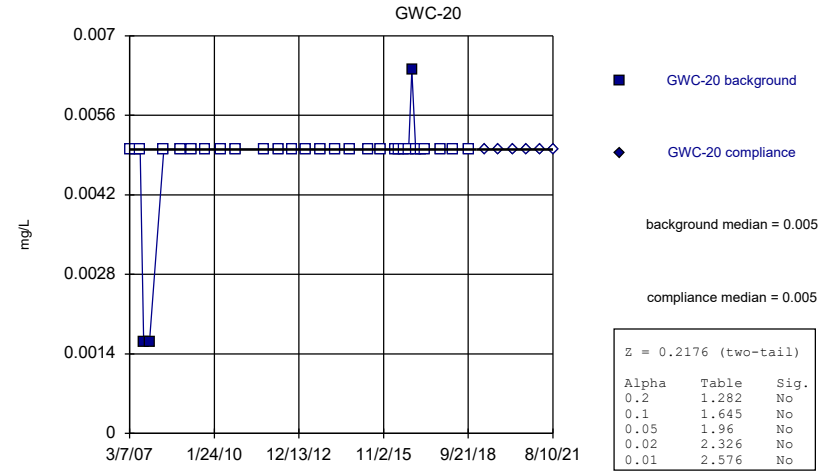
Constituent: Chromium Analysis Run 3/25/2022 2:25 PM View: App I Mann-Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



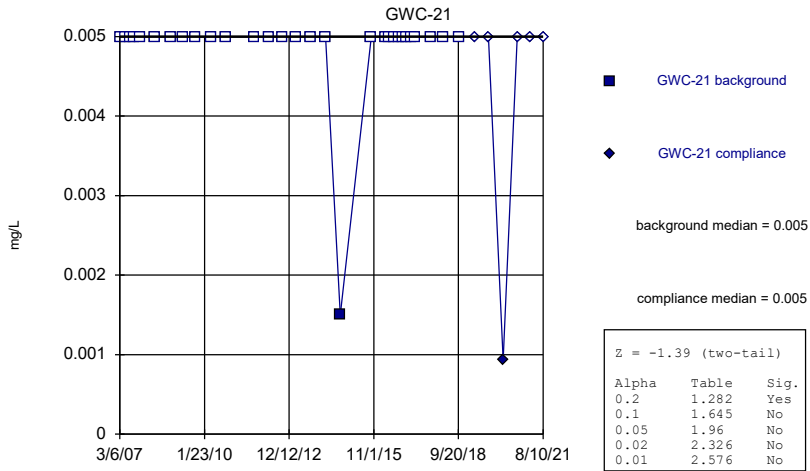
Constituent: Chromium Analysis Run 3/25/2022 2:25 PM View: App I Mann-Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



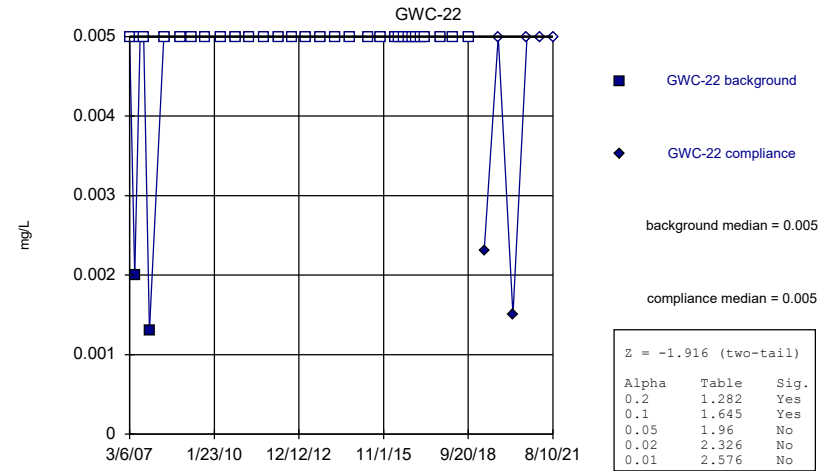
Constituent: Chromium Analysis Run 3/25/2022 2:25 PM View: App I Mann-Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



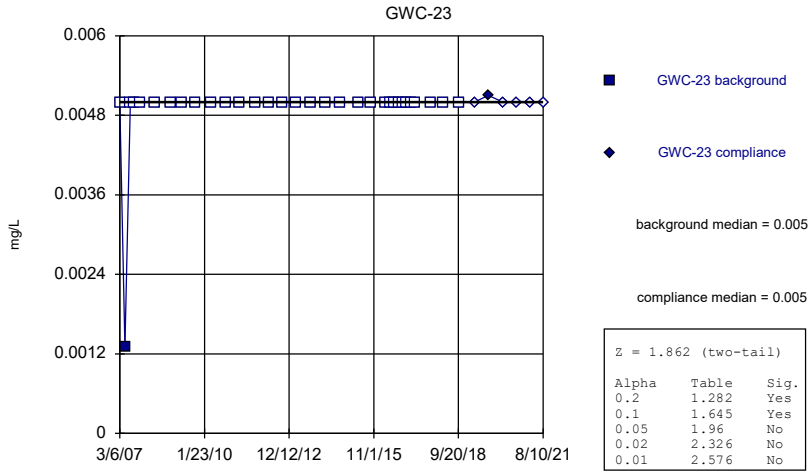
Constituent: Chromium Analysis Run 3/25/2022 2:25 PM View: App I Mann-Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



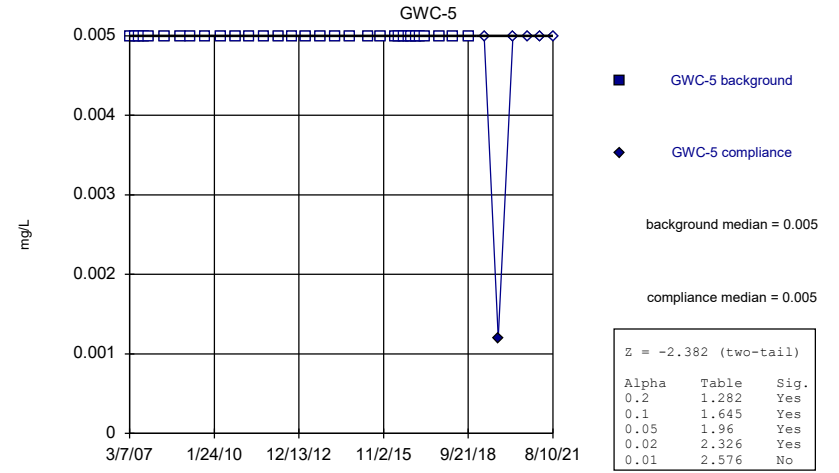
Constituent: Chromium Analysis Run 3/25/2022 2:25 PM View: App I Mann-Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



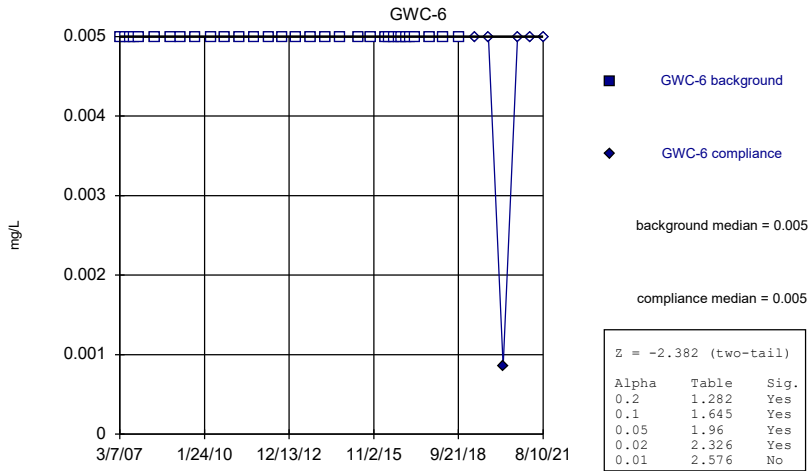
Constituent: Chromium Analysis Run 3/25/2022 2:25 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



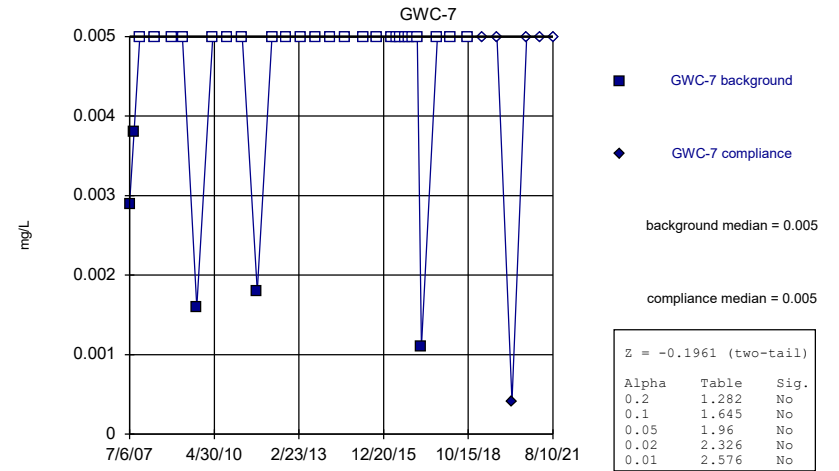
Constituent: Chromium Analysis Run 3/25/2022 2:25 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



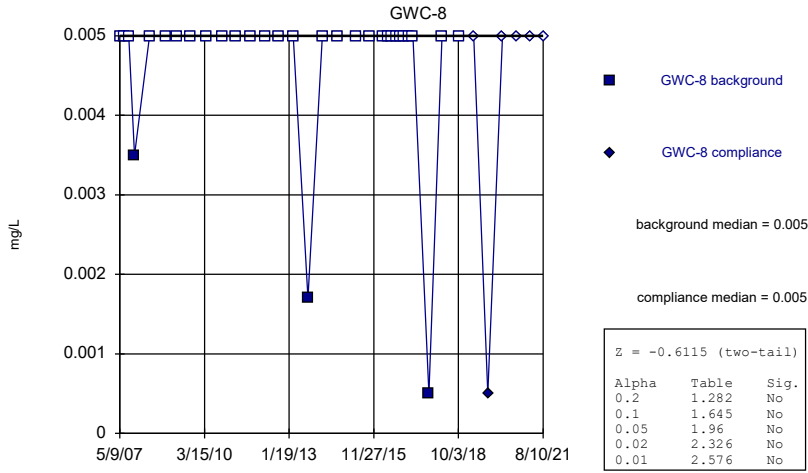
Constituent: Chromium Analysis Run 3/25/2022 2:25 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



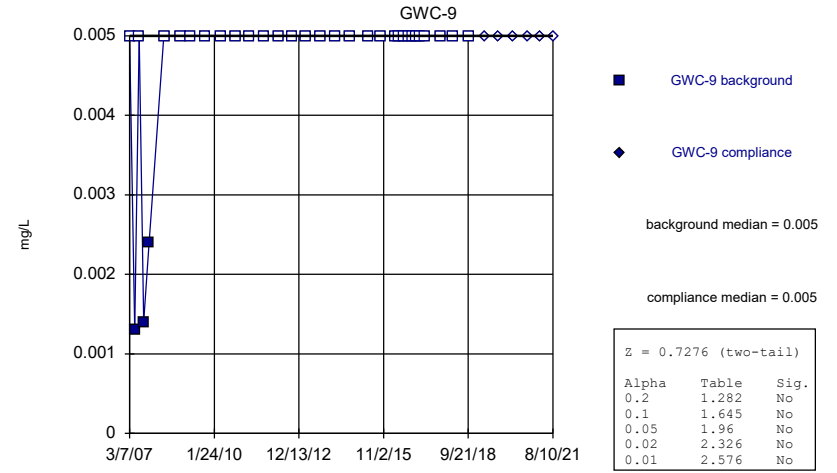
Constituent: Chromium Analysis Run 3/25/2022 2:25 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



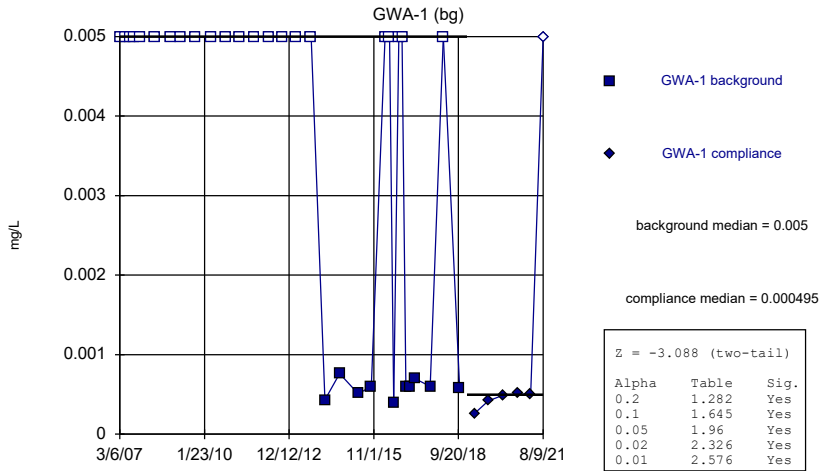
Constituent: Chromium Analysis Run 3/25/2022 2:25 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



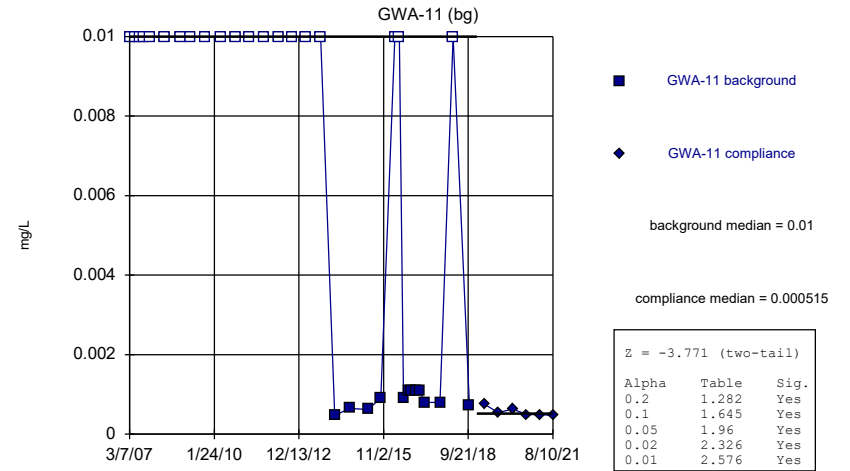
Constituent: Chromium Analysis Run 3/25/2022 2:25 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



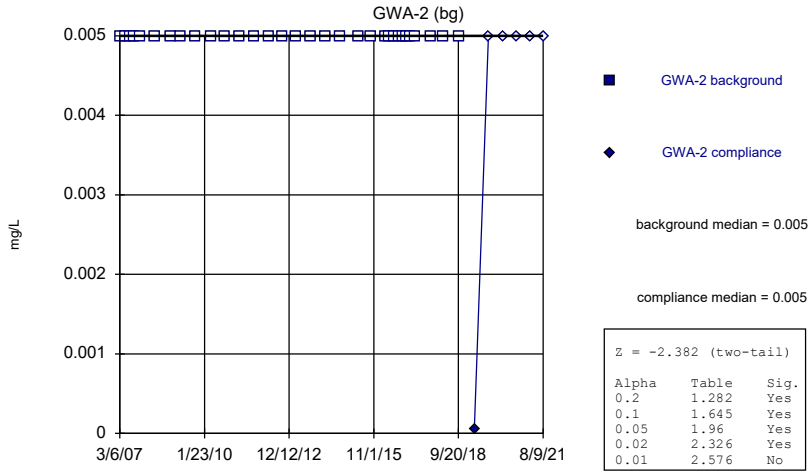
Constituent: Cobalt Analysis Run 3/25/2022 2:25 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



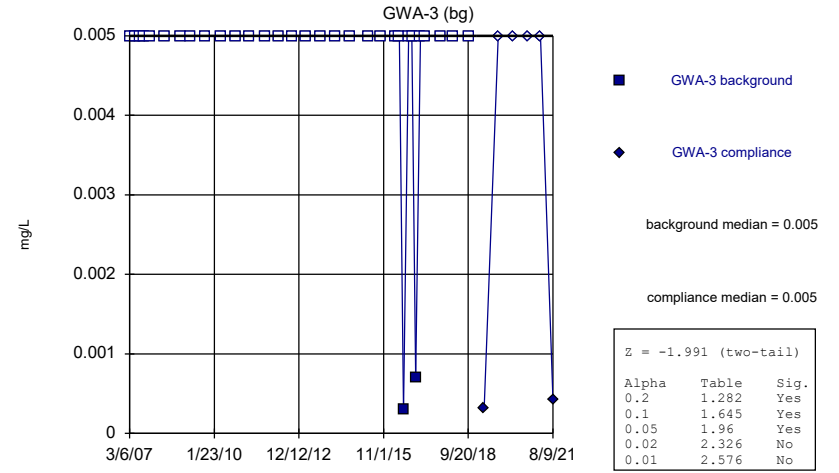
Constituent: Cobalt Analysis Run 3/25/2022 2:25 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



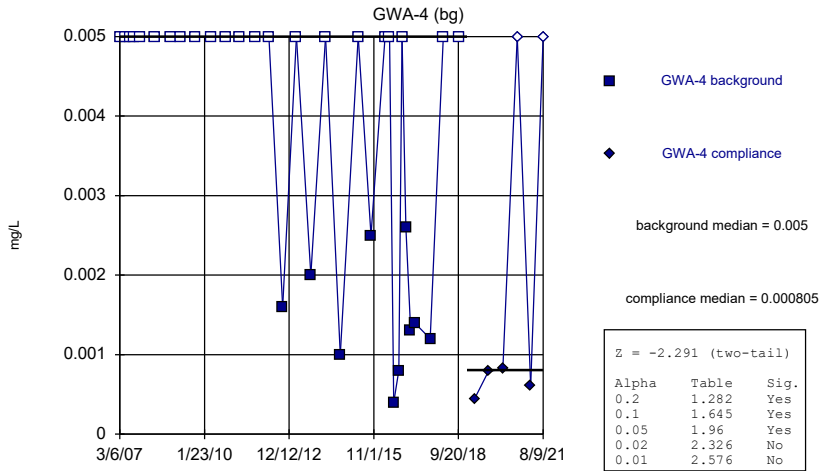
Constituent: Cobalt Analysis Run 3/25/2022 2:25 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



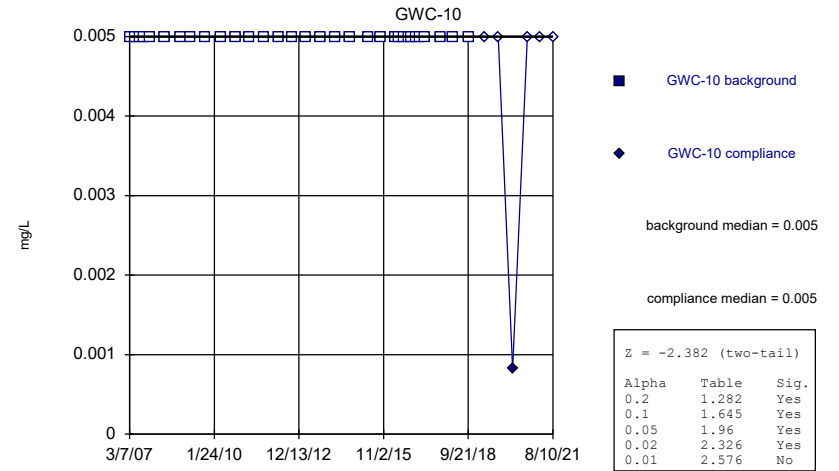
Constituent: Cobalt Analysis Run 3/25/2022 2:25 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



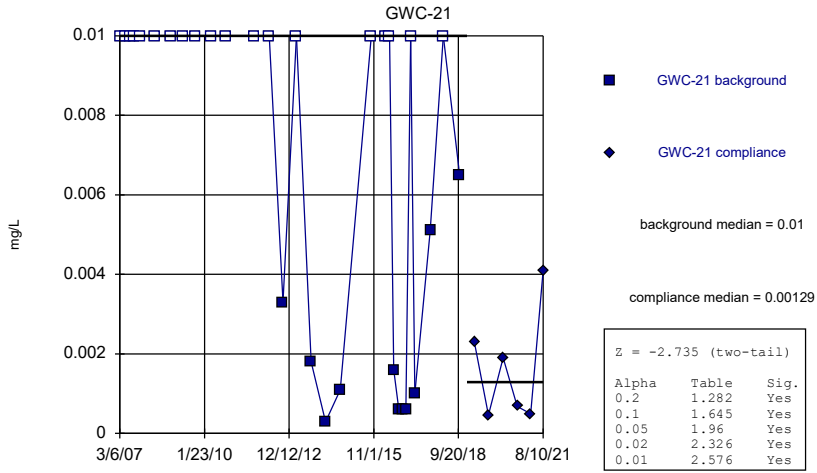
Constituent: Cobalt Analysis Run 3/25/2022 2:25 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



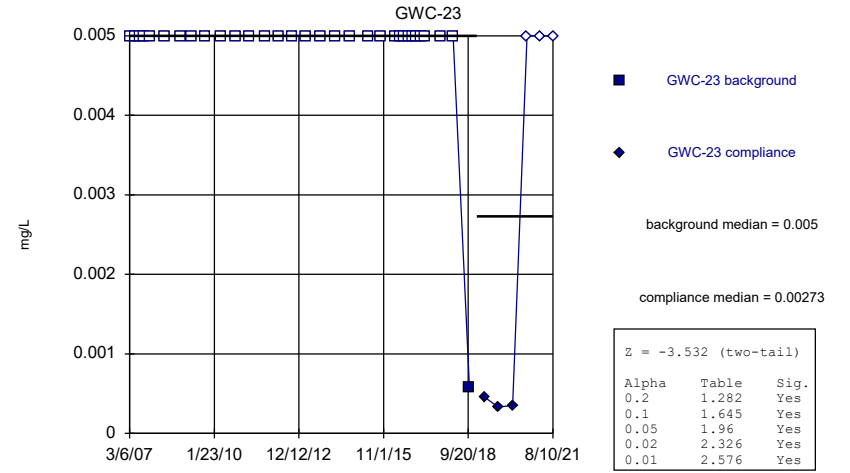
Constituent: Cobalt Analysis Run 3/25/2022 2:25 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



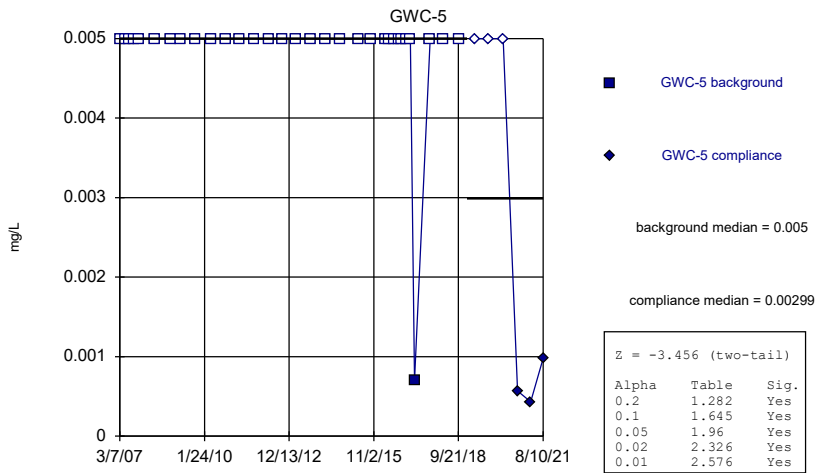
Constituent: Cobalt Analysis Run 3/25/2022 2:25 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



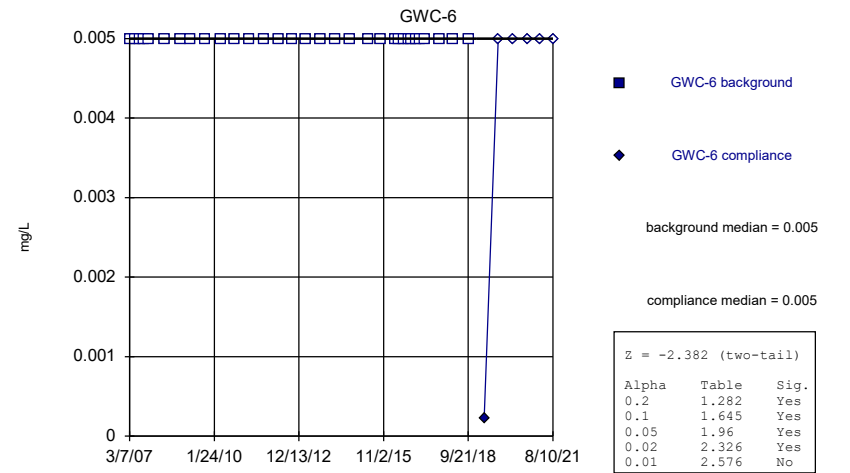
Constituent: Cobalt Analysis Run 3/25/2022 2:25 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



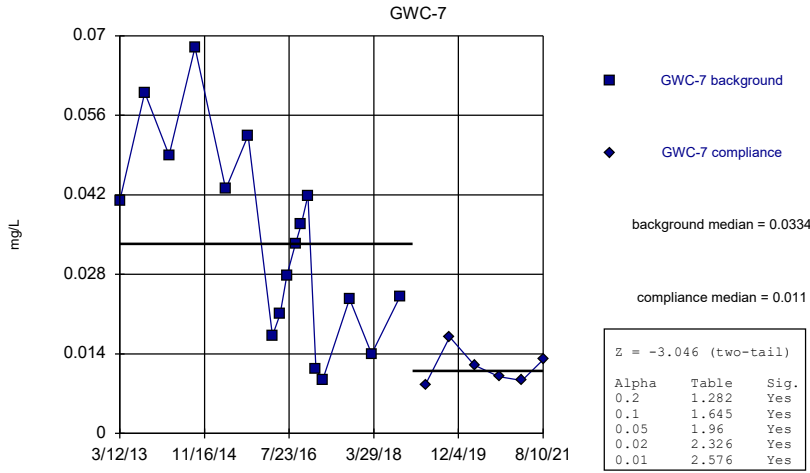
Constituent: Cobalt Analysis Run 3/25/2022 2:25 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



Constituent: Cobalt Analysis Run 3/25/2022 2:25 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

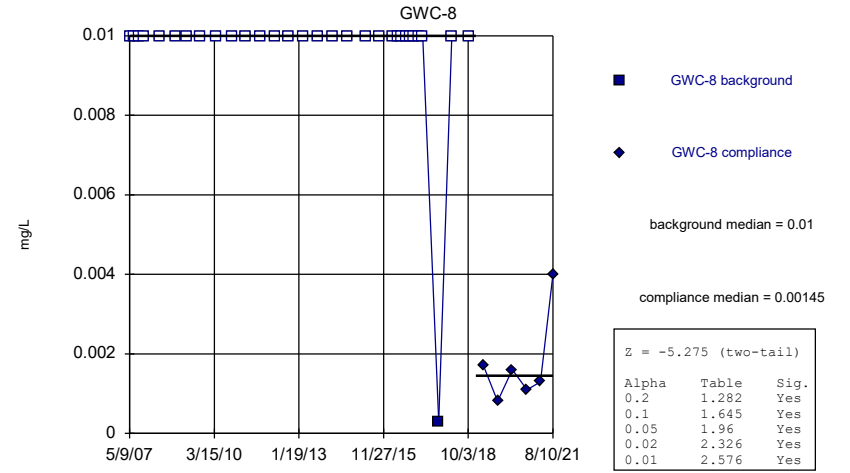
Mann-Whitney (Wilcoxon Rank Sum)



Constituent: Cobalt Analysis Run 3/25/2022 2:25 PM View: App I Mann-Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Hollow symbols indicate censored values.

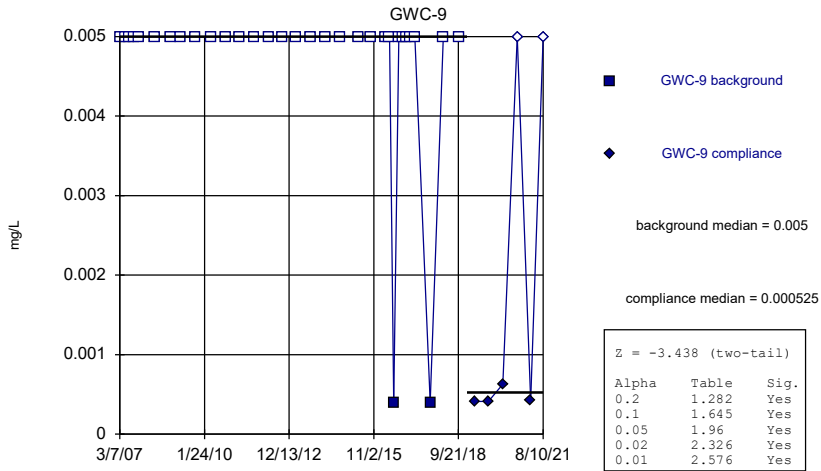
Mann-Whitney (Wilcoxon Rank Sum)



Constituent: Cobalt Analysis Run 3/25/2022 2:25 PM View: App I Mann-Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Hollow symbols indicate censored values.

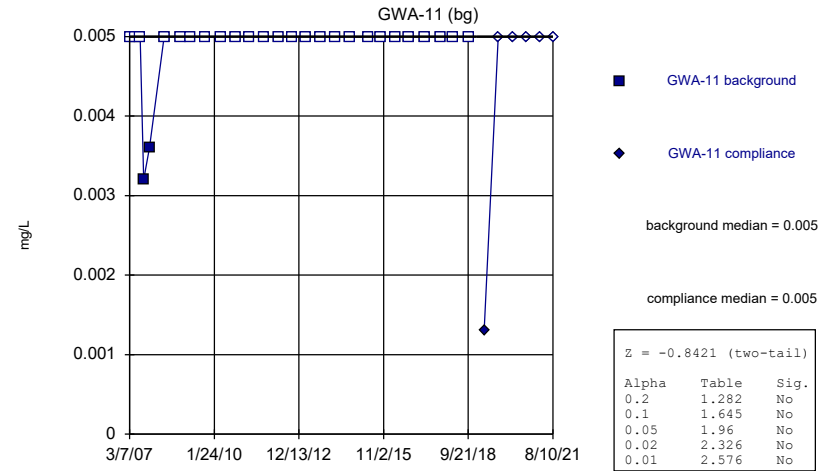
Mann-Whitney (Wilcoxon Rank Sum)



Constituent: Cobalt Analysis Run 3/25/2022 2:25 PM View: App I Mann-Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

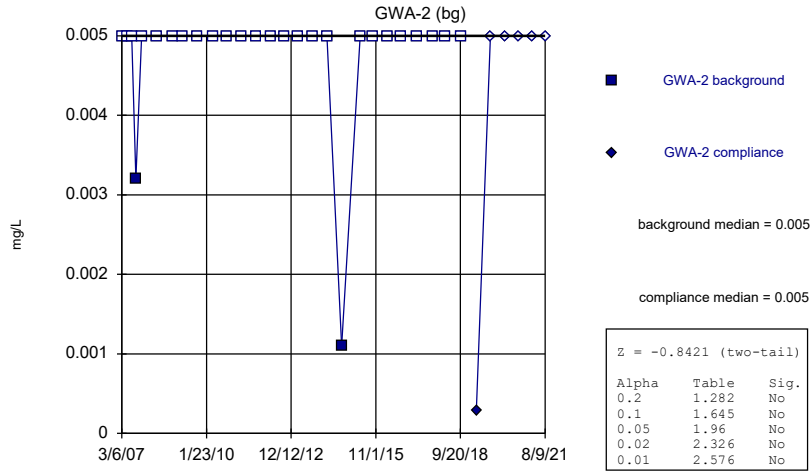
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)



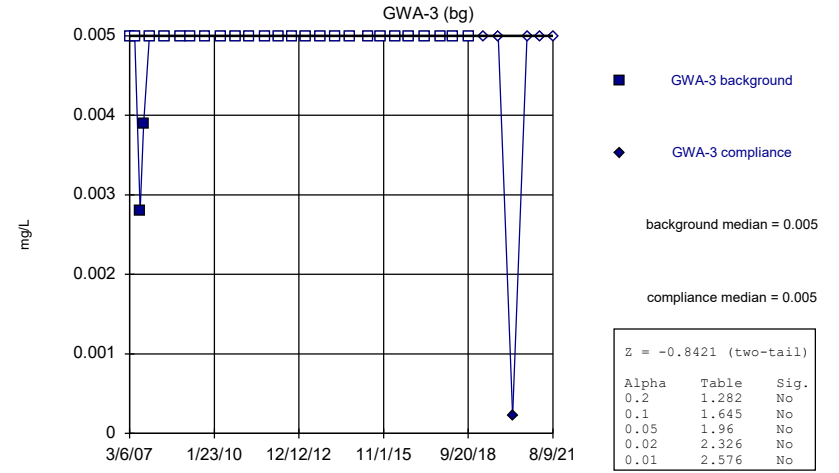
Constituent: Copper Analysis Run 3/25/2022 2:26 PM View: App I Mann-Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



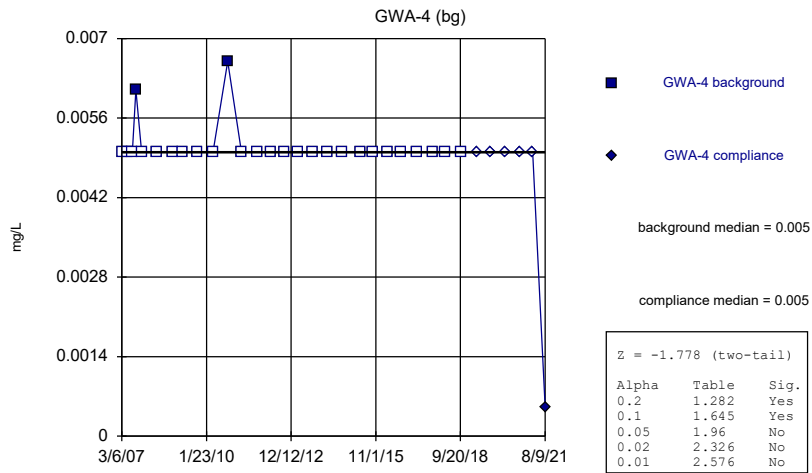
Constituent: Copper Analysis Run 3/25/2022 2:26 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



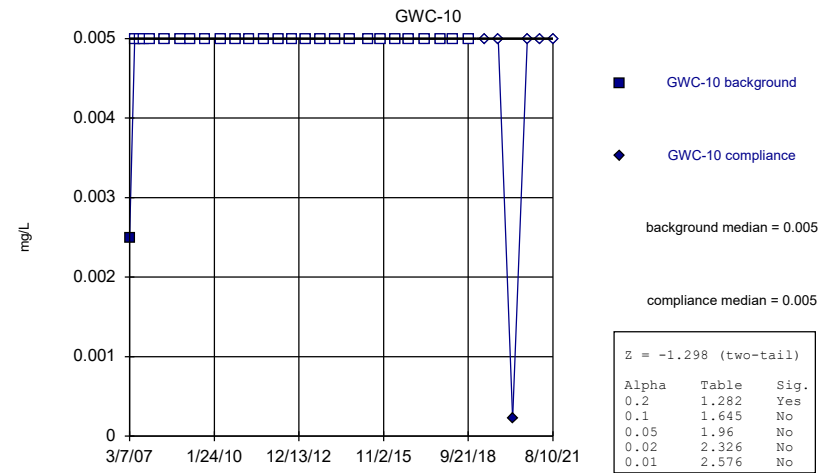
Constituent: Copper Analysis Run 3/25/2022 2:26 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



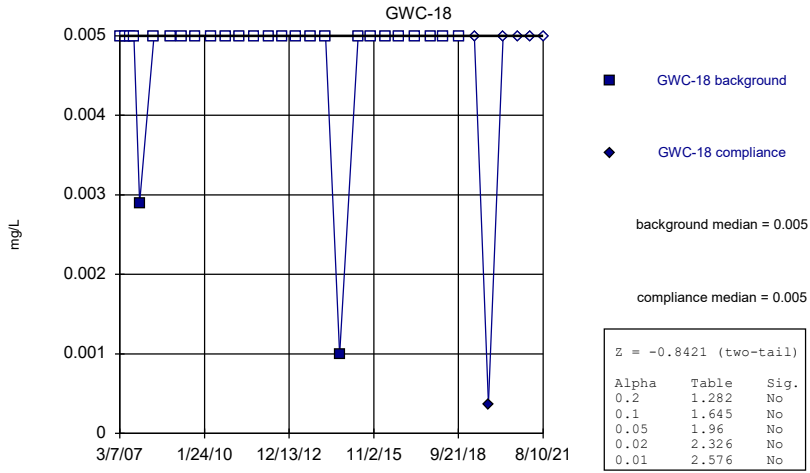
Constituent: Copper Analysis Run 3/25/2022 2:26 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



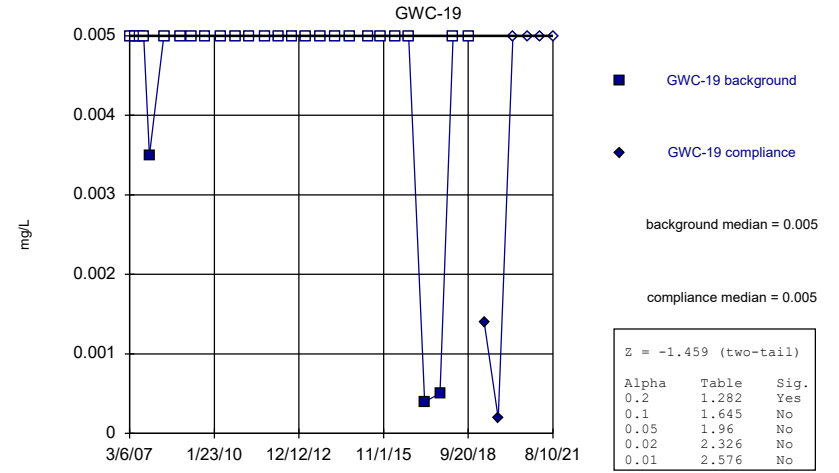
Constituent: Copper Analysis Run 3/25/2022 2:26 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



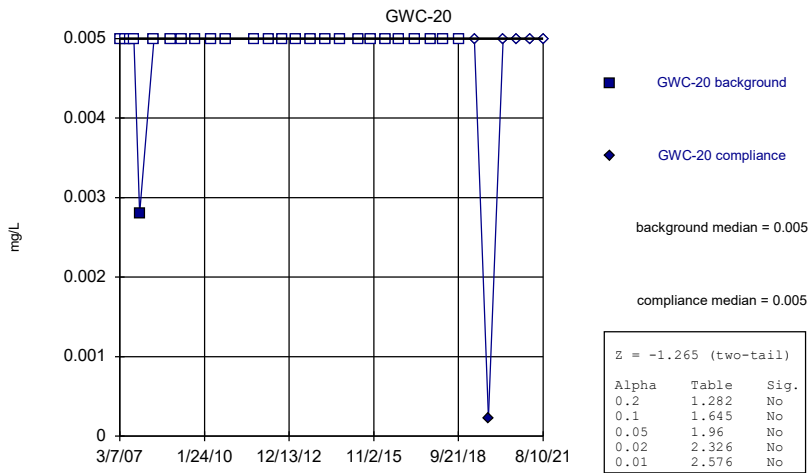
Constituent: Copper Analysis Run 3/25/2022 2:26 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



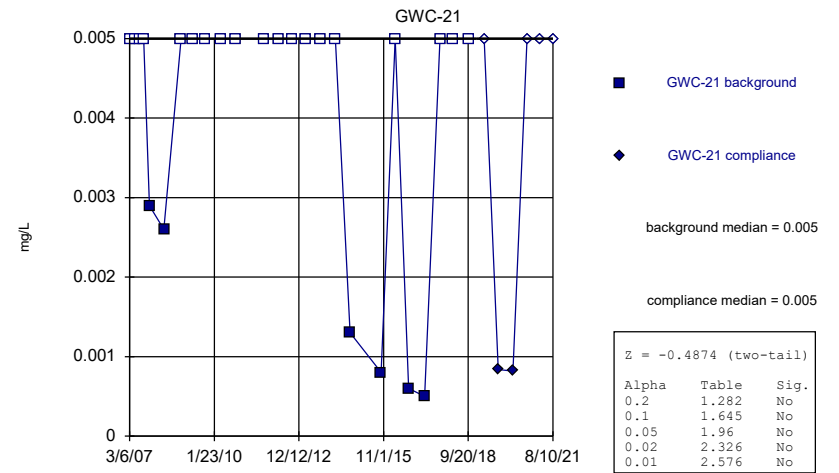
Constituent: Copper Analysis Run 3/25/2022 2:26 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



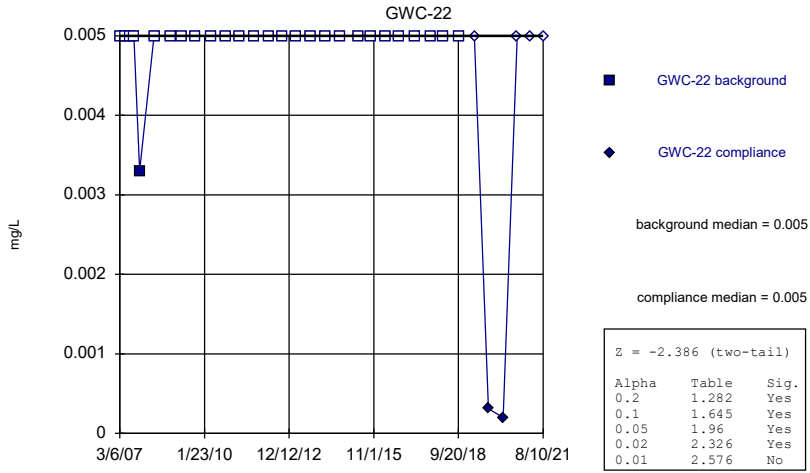
Constituent: Copper Analysis Run 3/25/2022 2:26 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



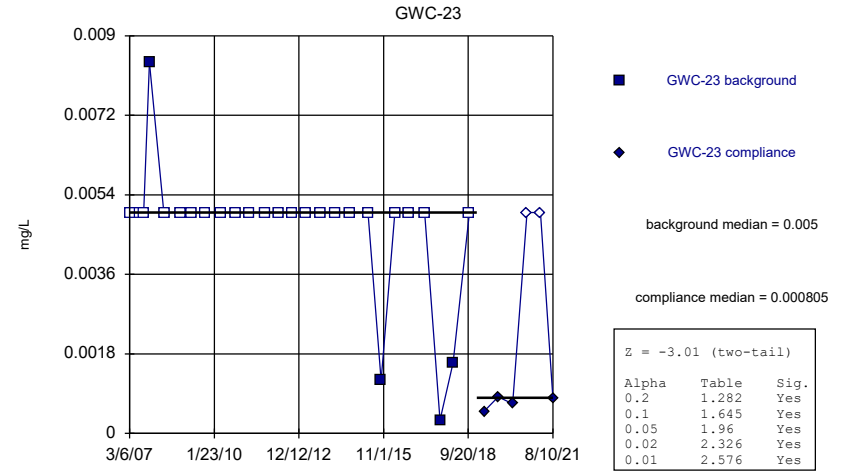
Constituent: Copper Analysis Run 3/25/2022 2:26 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



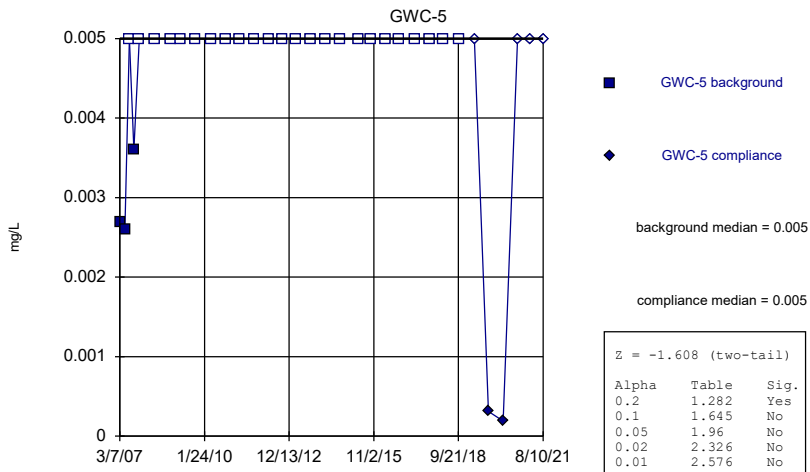
Constituent: Copper Analysis Run 3/25/2022 2:26 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



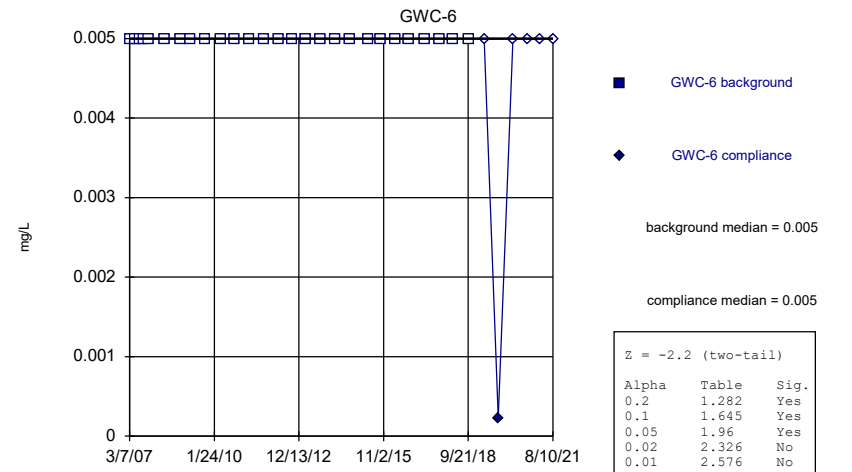
Constituent: Copper Analysis Run 3/25/2022 2:26 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



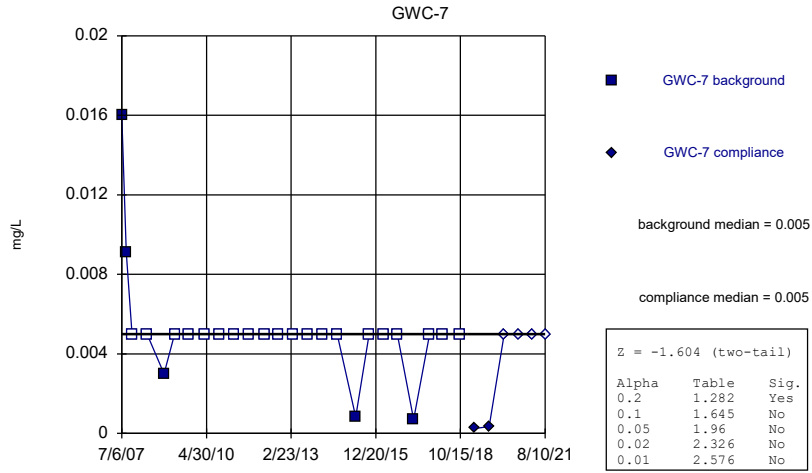
Constituent: Copper Analysis Run 3/25/2022 2:26 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



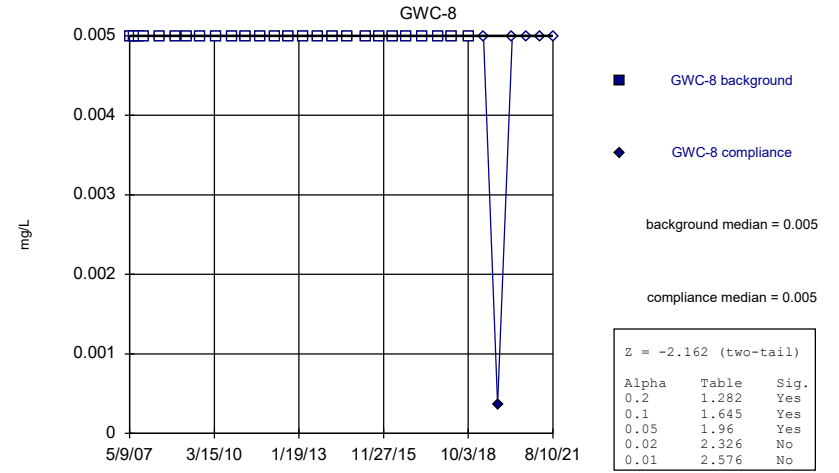
Constituent: Copper Analysis Run 3/25/2022 2:26 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



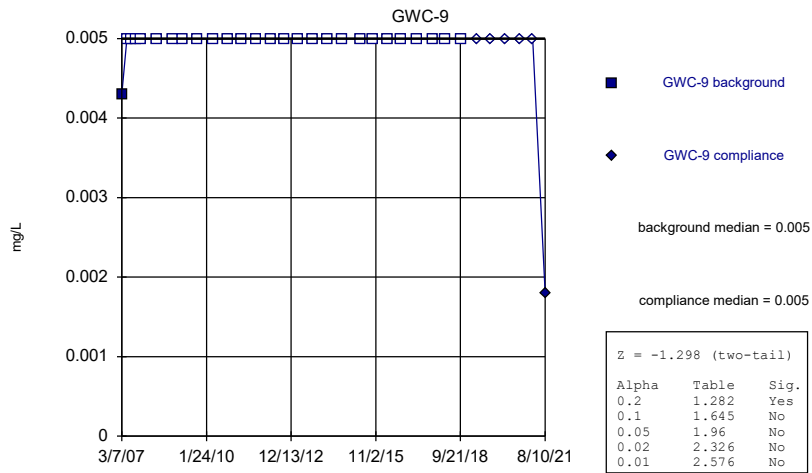
Constituent: Copper Analysis Run 3/25/2022 2:26 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



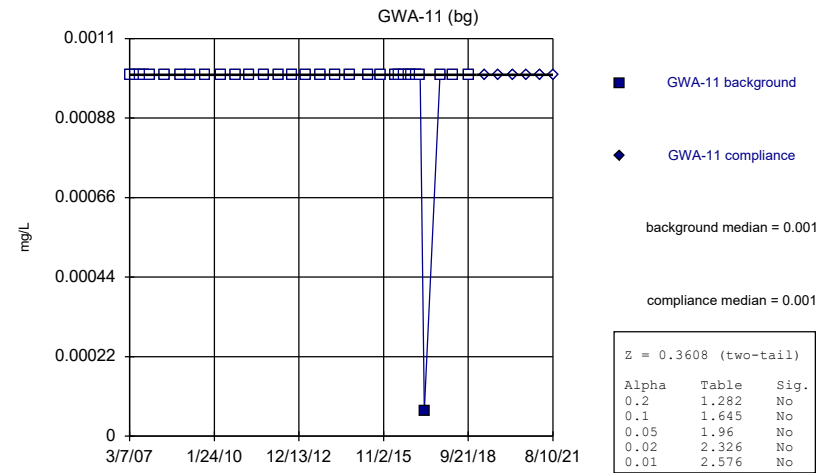
Constituent: Copper Analysis Run 3/25/2022 2:26 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



Constituent: Copper Analysis Run 3/25/2022 2:26 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

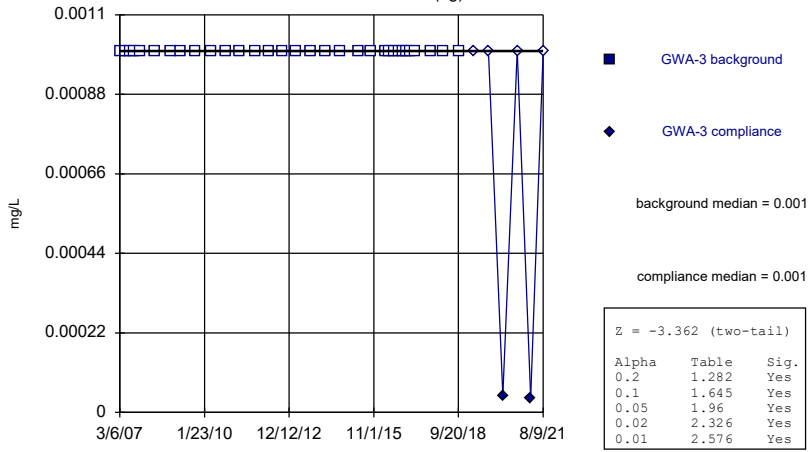
Mann-Whitney (Wilcoxon Rank Sum)



Constituent: Lead Analysis Run 3/25/2022 2:26 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)

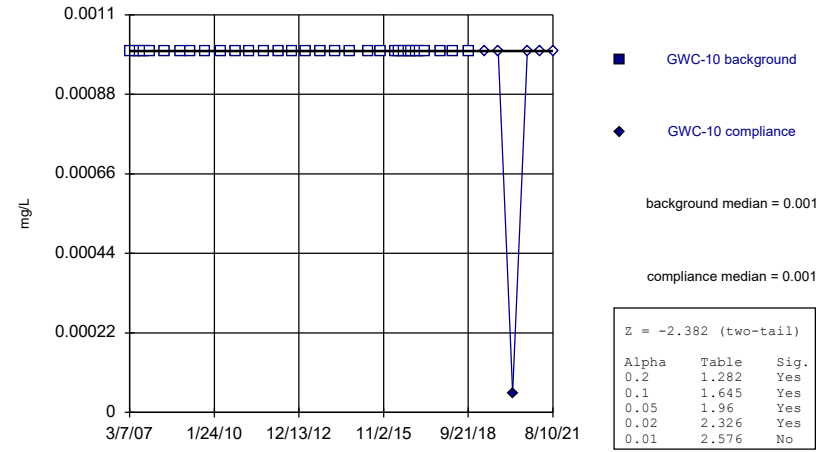
GWA-3 (bg)



Constituent: Lead Analysis Run 3/25/2022 2:26 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)

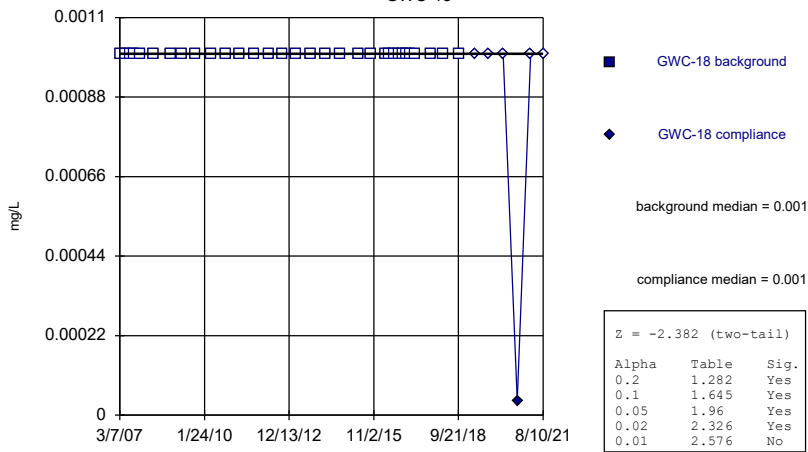
GWC-10



Constituent: Lead Analysis Run 3/25/2022 2:26 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)

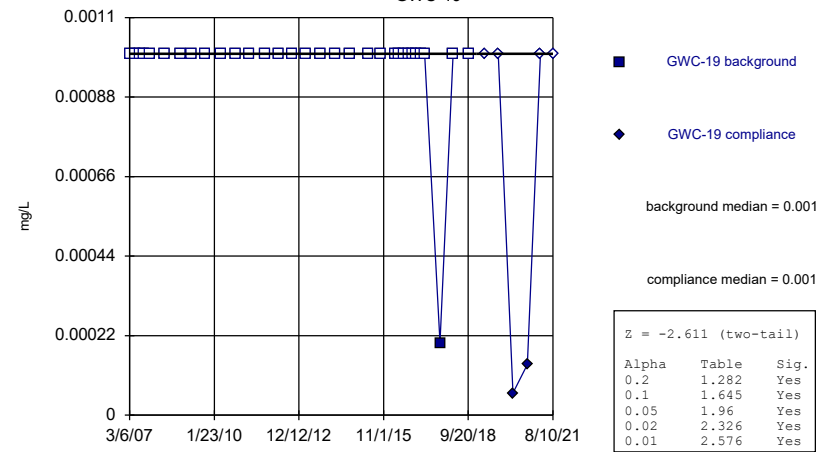
GWC-18



Constituent: Lead Analysis Run 3/25/2022 2:26 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

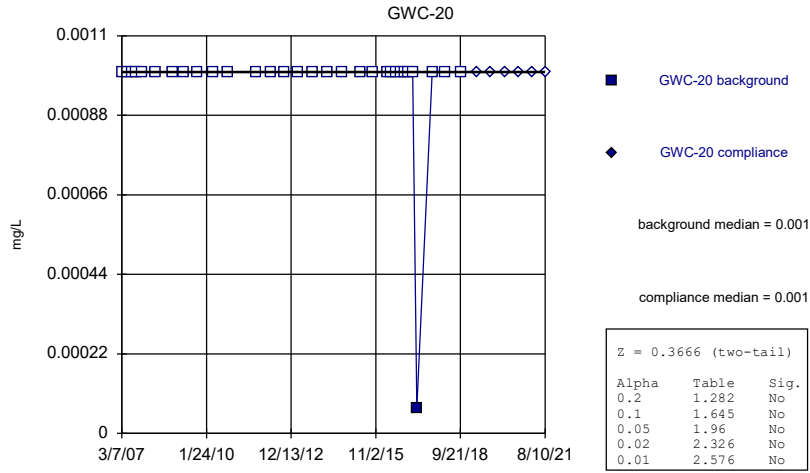
Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



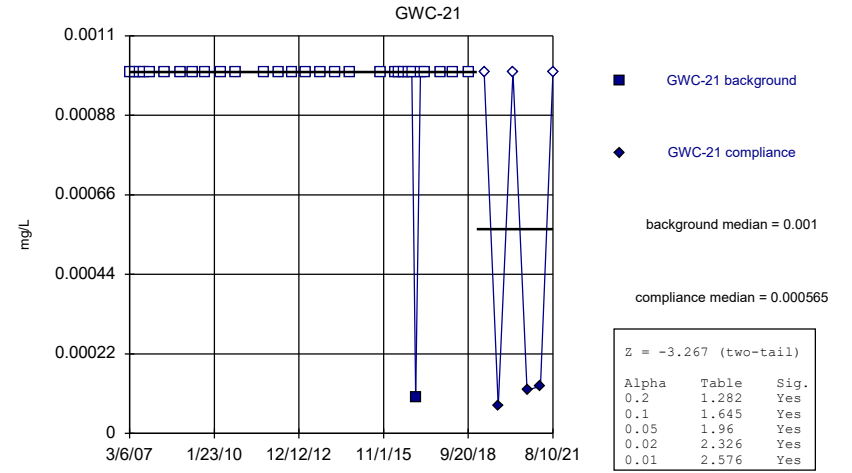
Constituent: Lead Analysis Run 3/25/2022 2:26 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



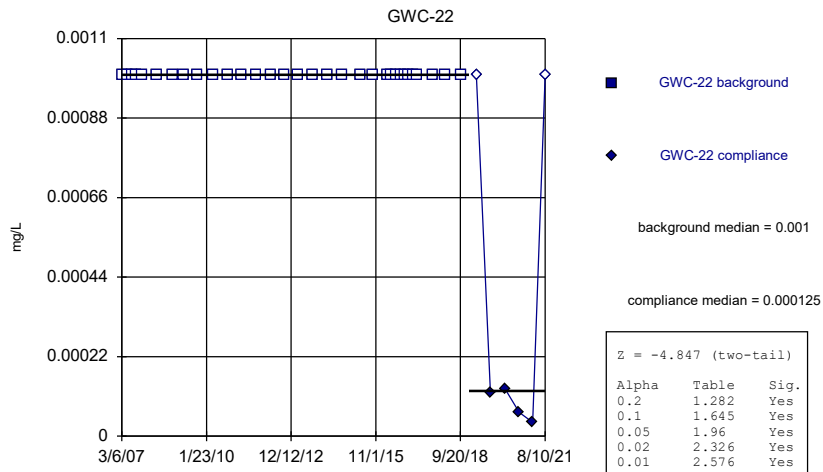
Constituent: Lead Analysis Run 3/25/2022 2:26 PM View: App I Mann-Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



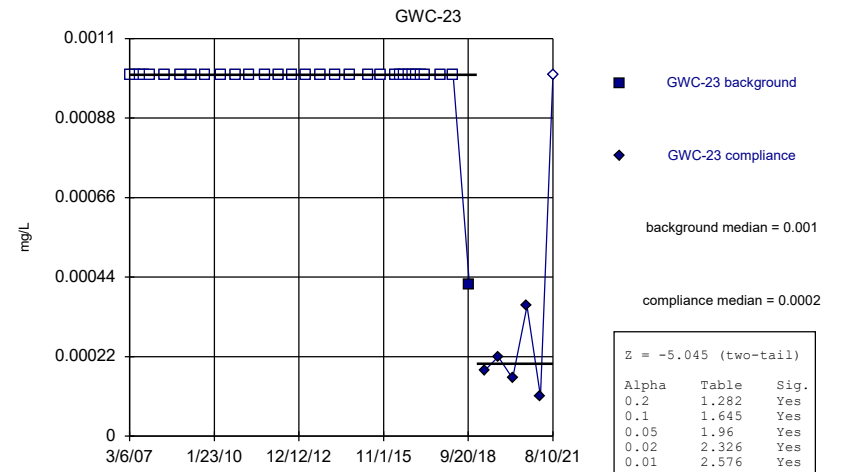
Constituent: Lead Analysis Run 3/25/2022 2:26 PM View: App I Mann-Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



Constituent: Lead Analysis Run 3/25/2022 2:26 PM View: App I Mann-Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

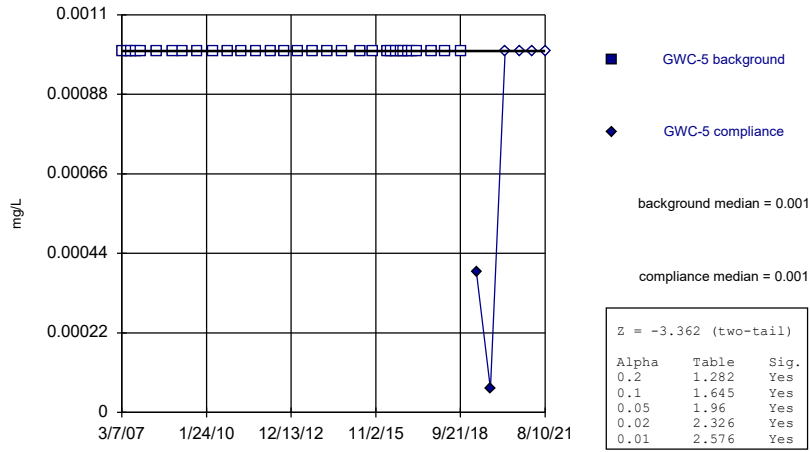
Mann-Whitney (Wilcoxon Rank Sum)



Constituent: Lead Analysis Run 3/25/2022 2:26 PM View: App I Mann-Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)

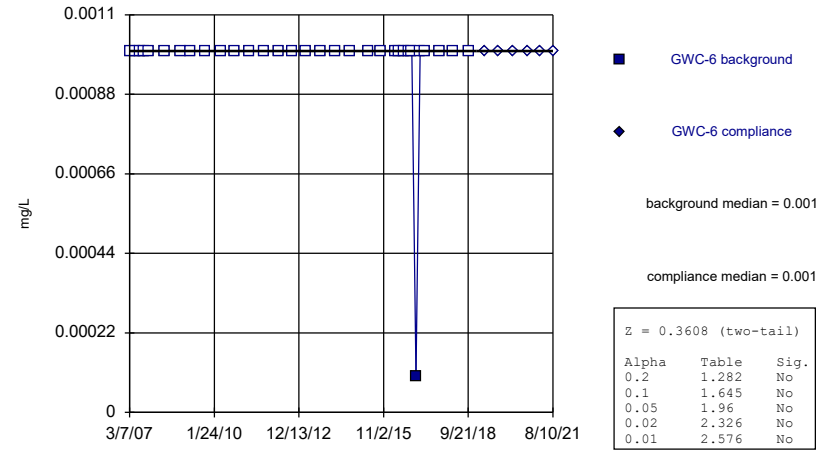
GWC-5



Constituent: Lead Analysis Run 3/25/2022 2:26 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)

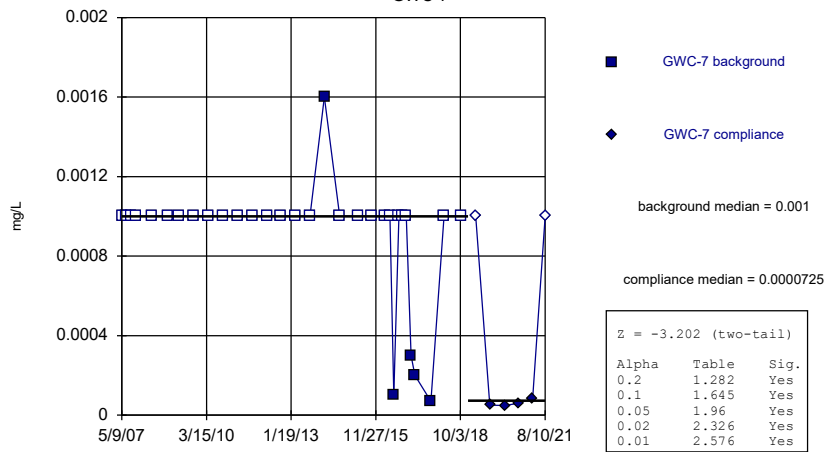
GWC-6



Constituent: Lead Analysis Run 3/25/2022 2:26 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)

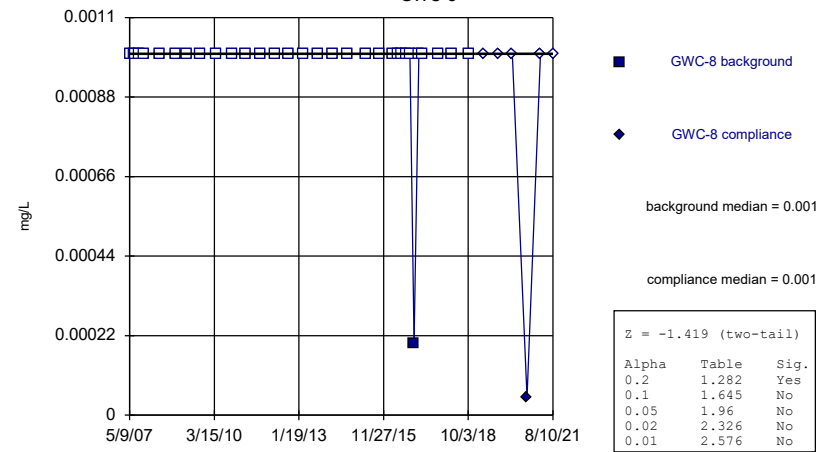
GWC-7



Constituent: Lead Analysis Run 3/25/2022 2:26 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

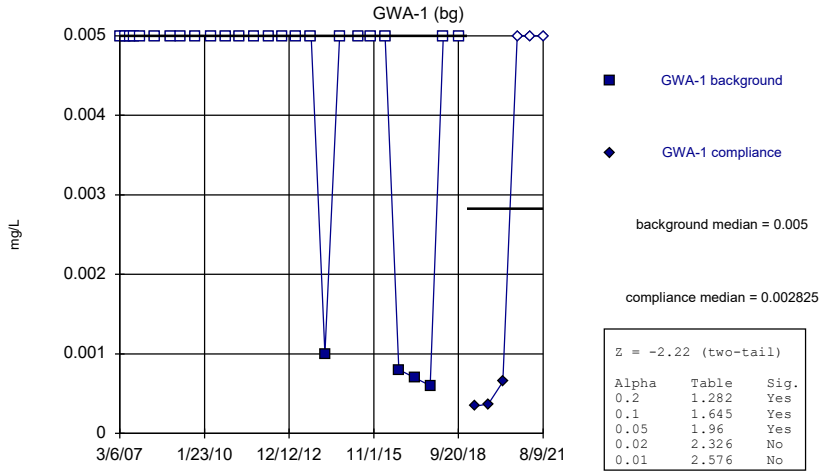
Mann-Whitney (Wilcoxon Rank Sum)

GWC-8



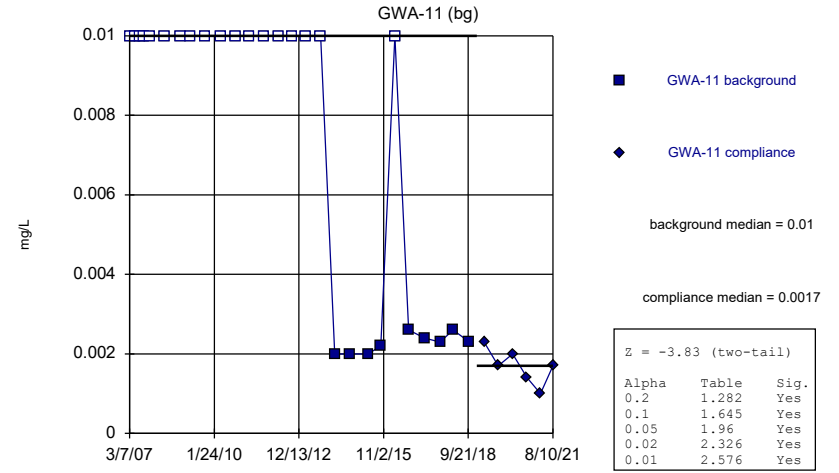
Constituent: Lead Analysis Run 3/25/2022 2:26 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



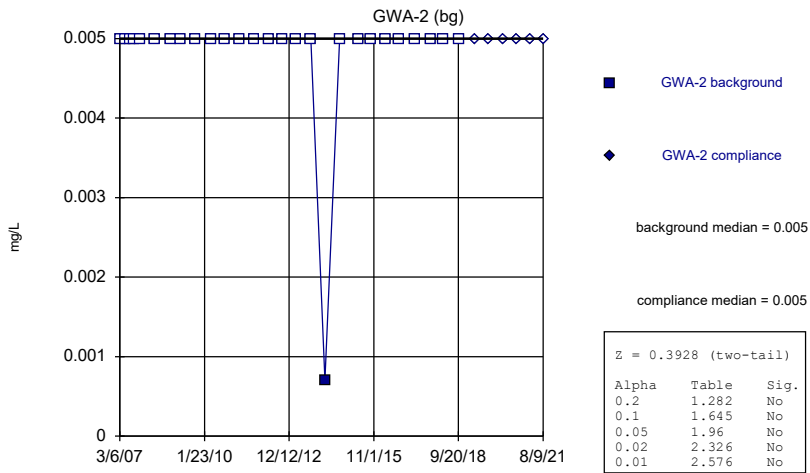
Constituent: Nickel Analysis Run 3/25/2022 2:26 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



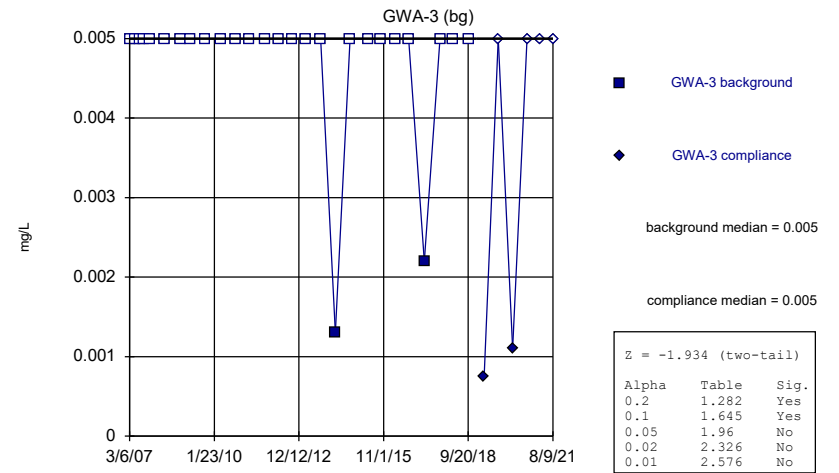
Constituent: Nickel Analysis Run 3/25/2022 2:26 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



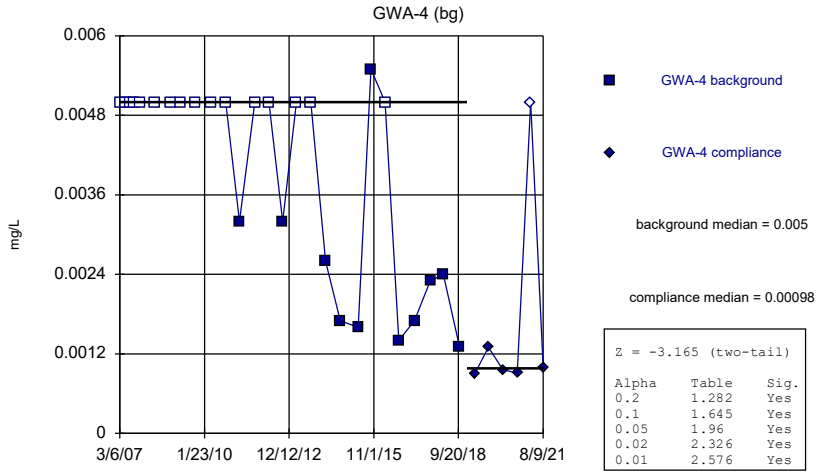
Constituent: Nickel Analysis Run 3/25/2022 2:26 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



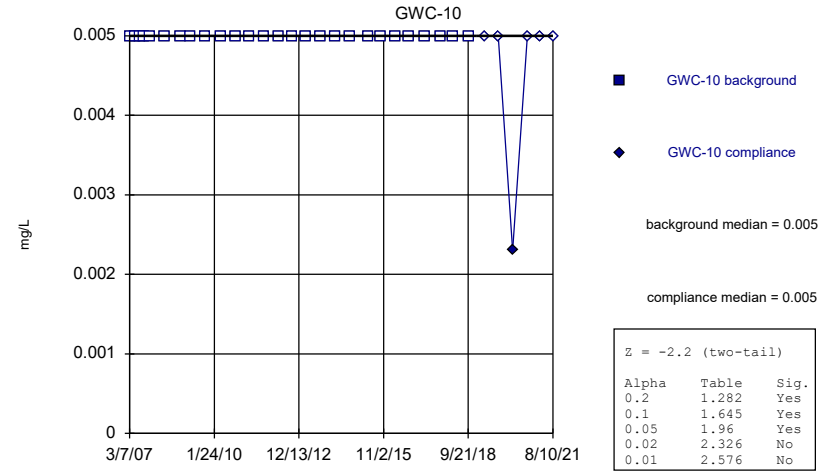
Constituent: Nickel Analysis Run 3/25/2022 2:26 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



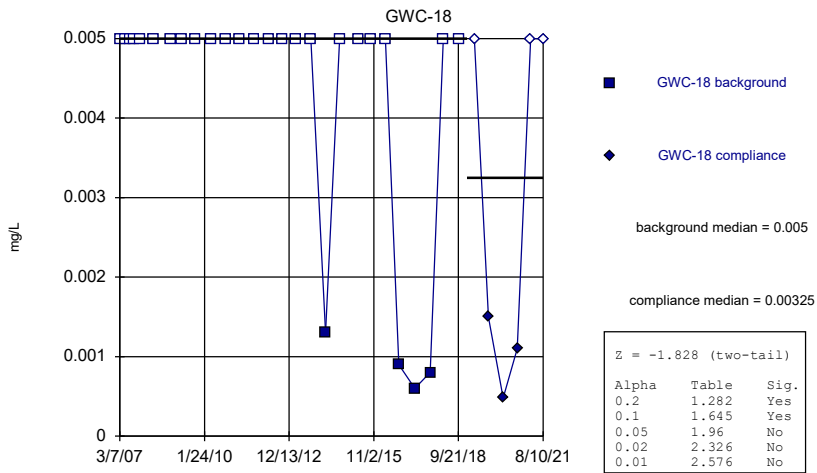
Constituent: Nickel Analysis Run 3/25/2022 2:26 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



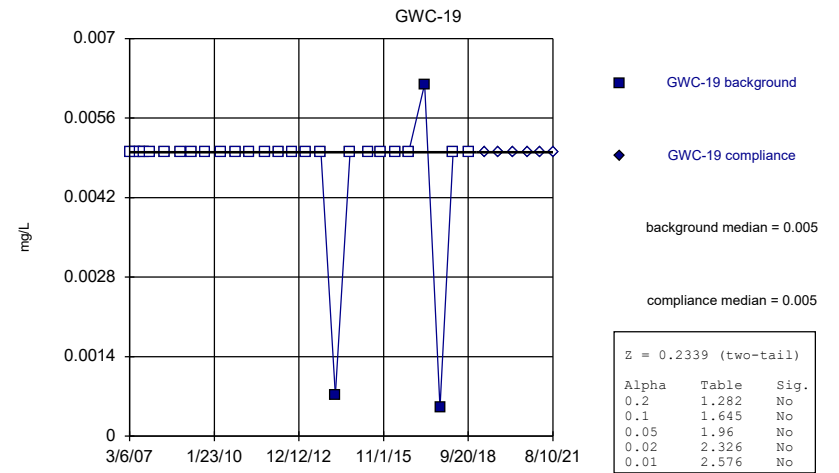
Constituent: Nickel Analysis Run 3/25/2022 2:26 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



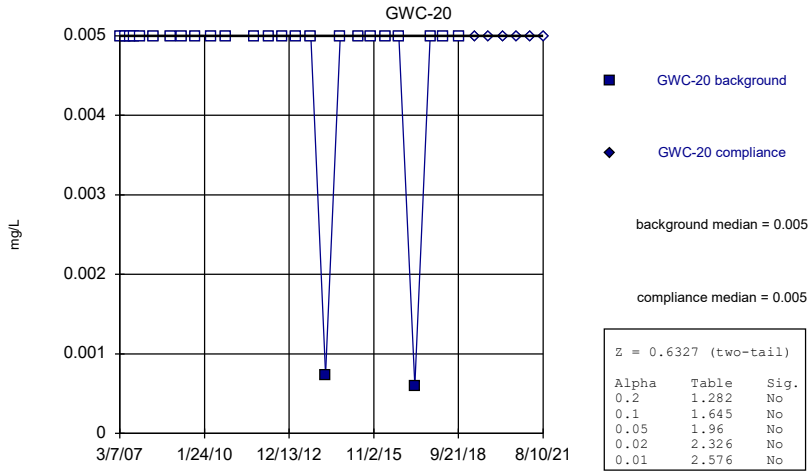
Constituent: Nickel Analysis Run 3/25/2022 2:26 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



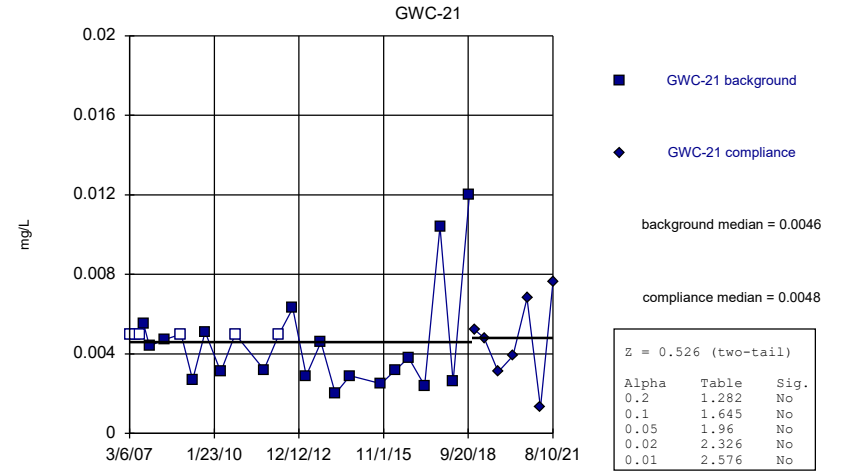
Constituent: Nickel Analysis Run 3/25/2022 2:26 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



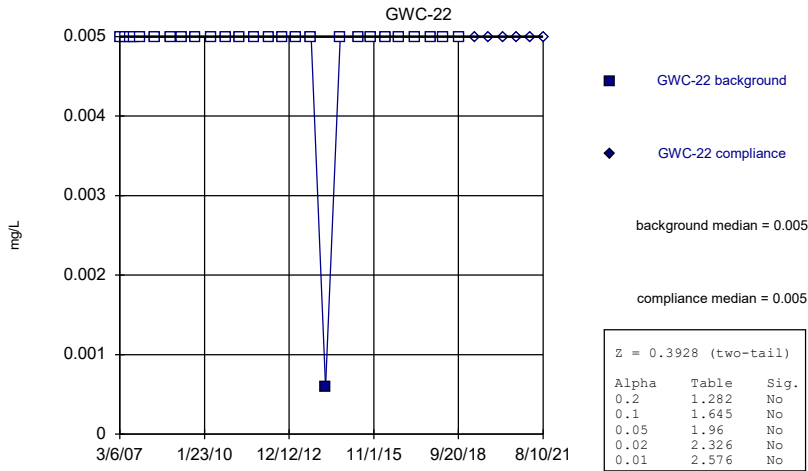
Constituent: Nickel Analysis Run 3/25/2022 2:26 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



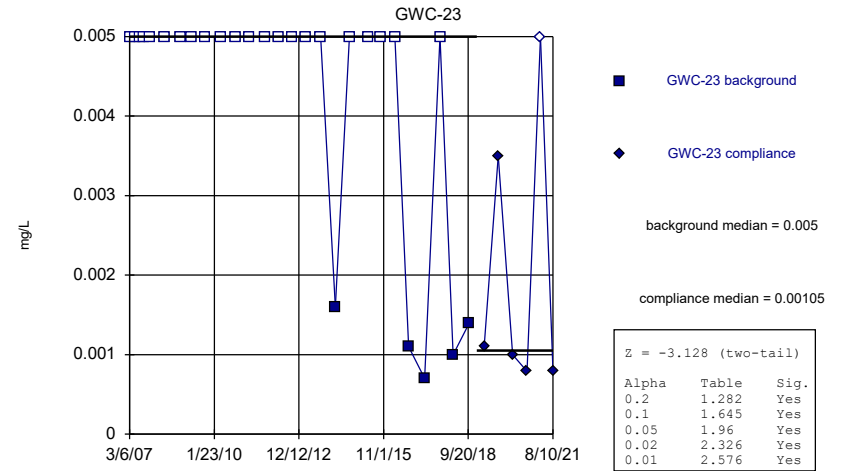
Constituent: Nickel Analysis Run 3/25/2022 2:26 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



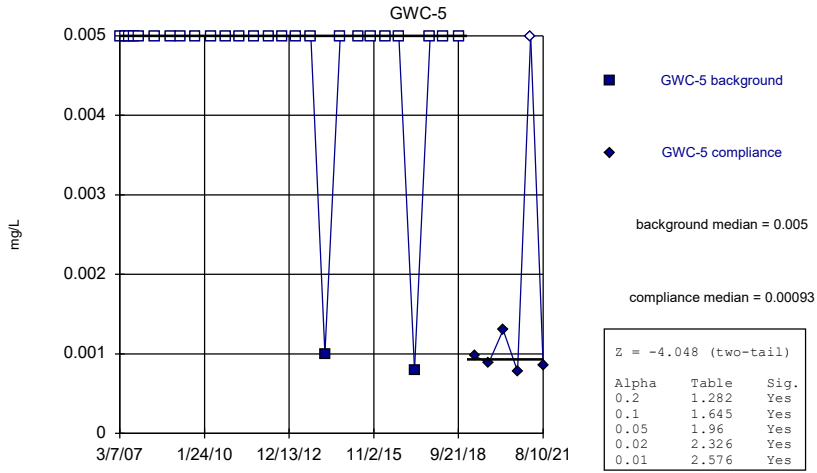
Constituent: Nickel Analysis Run 3/25/2022 2:26 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



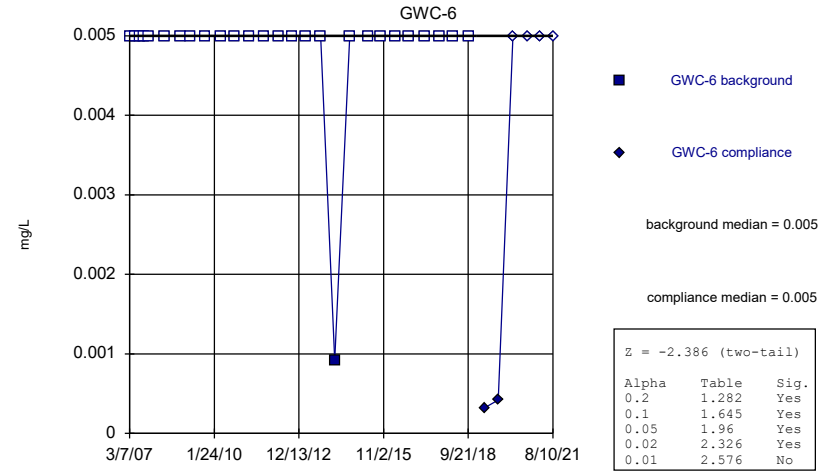
Constituent: Nickel Analysis Run 3/25/2022 2:26 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



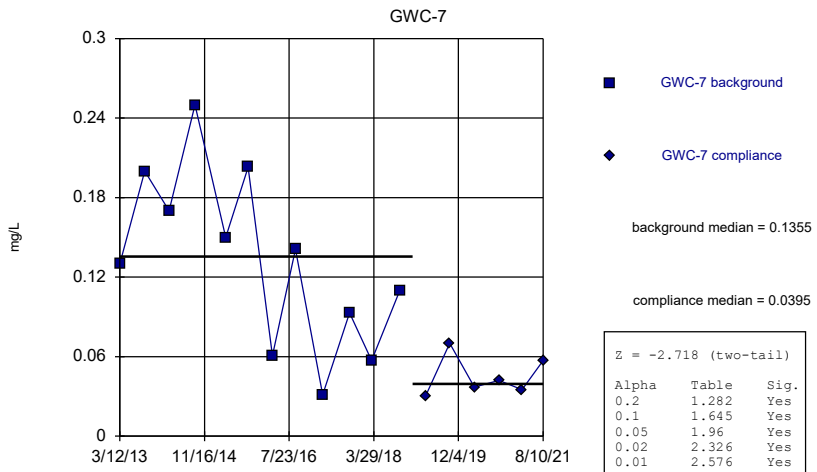
Constituent: Nickel Analysis Run 3/25/2022 2:26 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



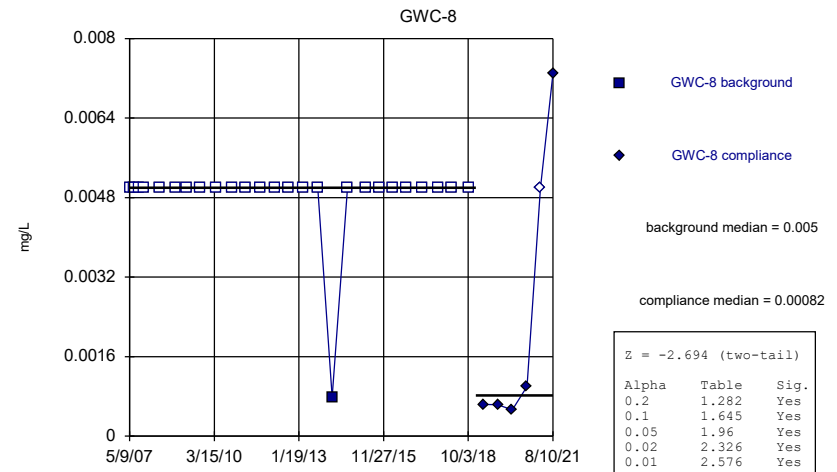
Constituent: Nickel Analysis Run 3/25/2022 2:26 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



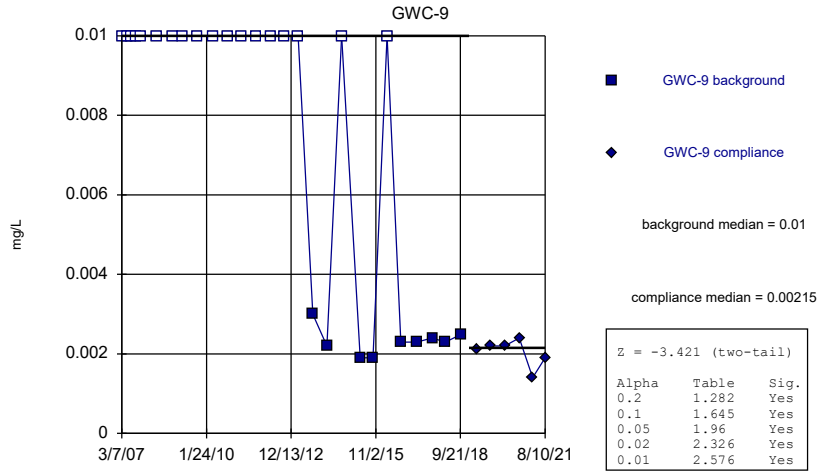
Constituent: Nickel Analysis Run 3/25/2022 2:26 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



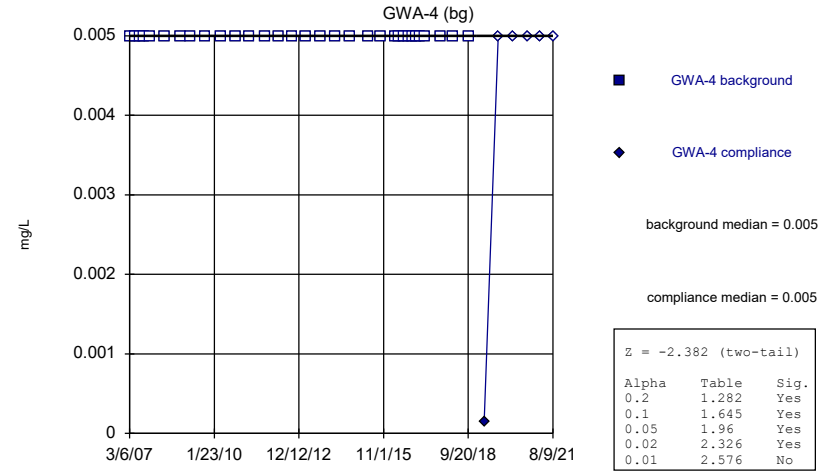
Constituent: Nickel Analysis Run 3/25/2022 2:26 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



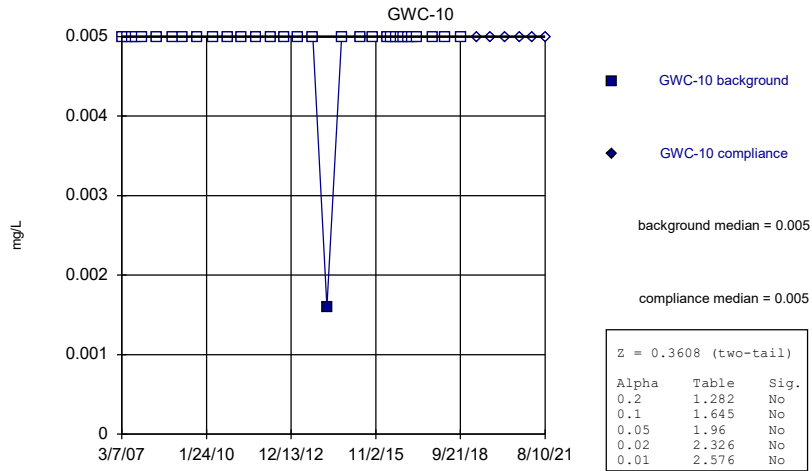
Constituent: Nickel Analysis Run 3/25/2022 2:26 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



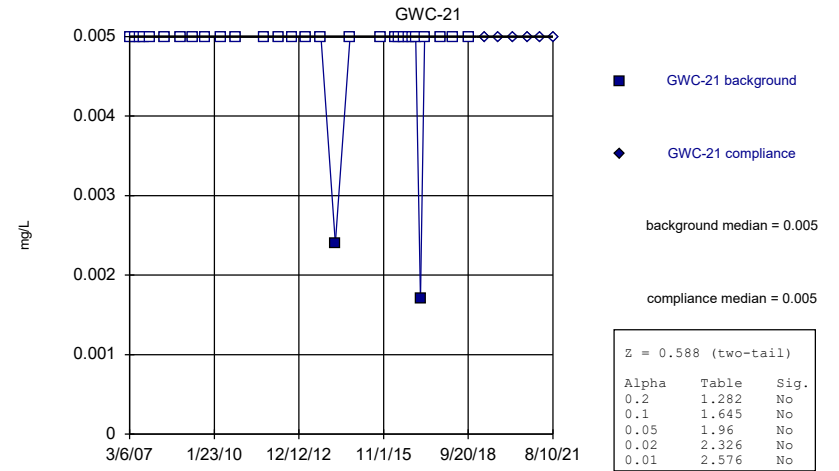
Constituent: Selenium Analysis Run 3/25/2022 2:26 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)

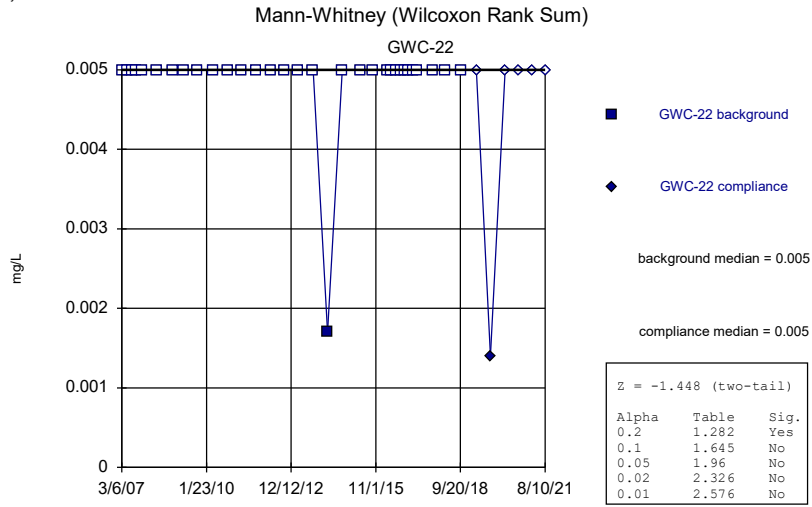


Constituent: Selenium Analysis Run 3/25/2022 2:26 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

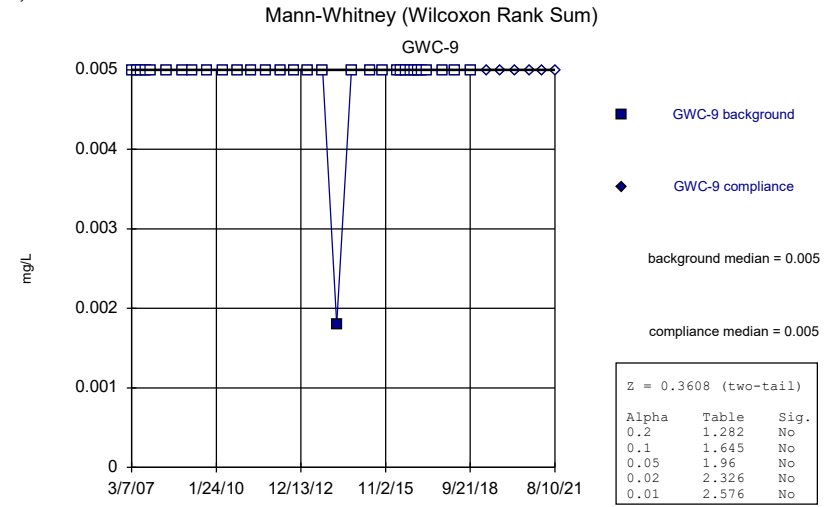
Mann-Whitney (Wilcoxon Rank Sum)



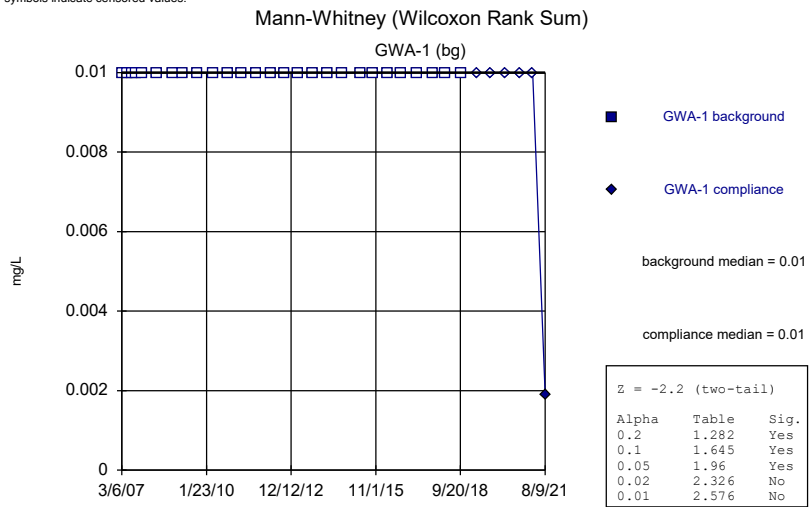
Constituent: Selenium Analysis Run 3/25/2022 2:26 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill



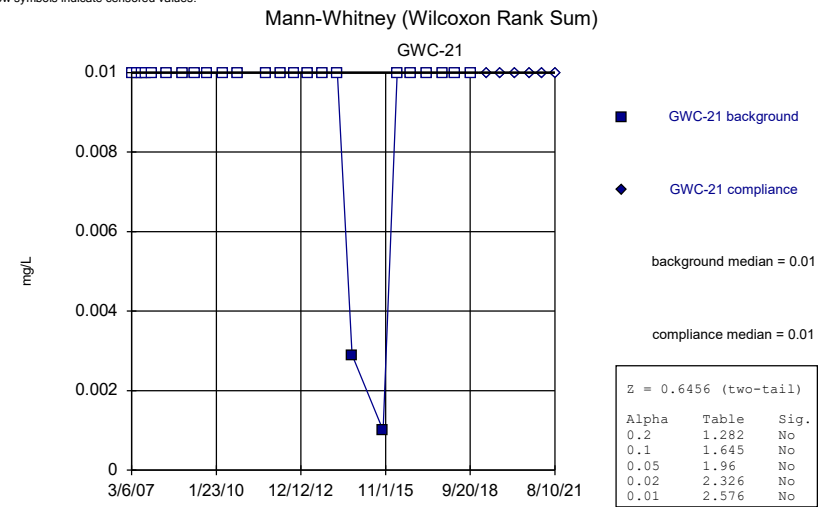
Constituent: Selenium Analysis Run 3/25/2022 2:26 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill



Constituent: Selenium Analysis Run 3/25/2022 2:26 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

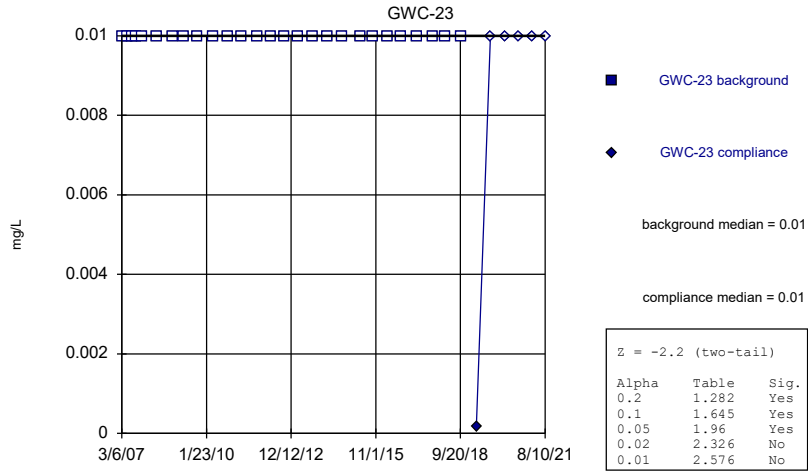


Constituent: Vanadium Analysis Run 3/25/2022 2:26 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill



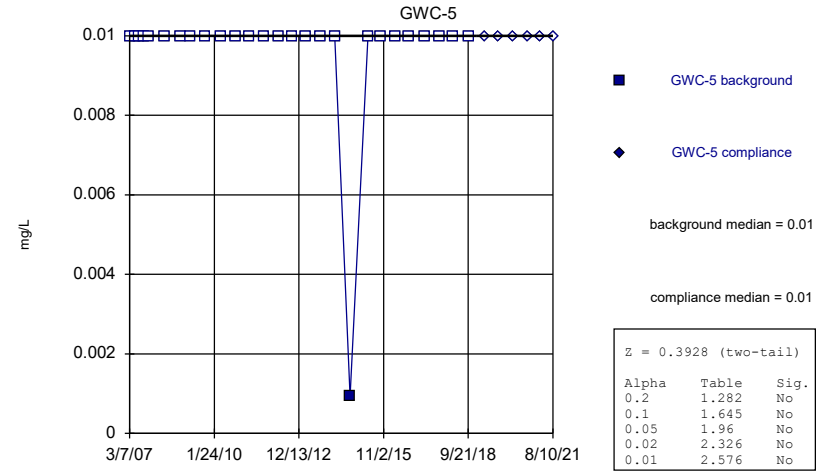
Constituent: Vanadium Analysis Run 3/25/2022 2:26 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



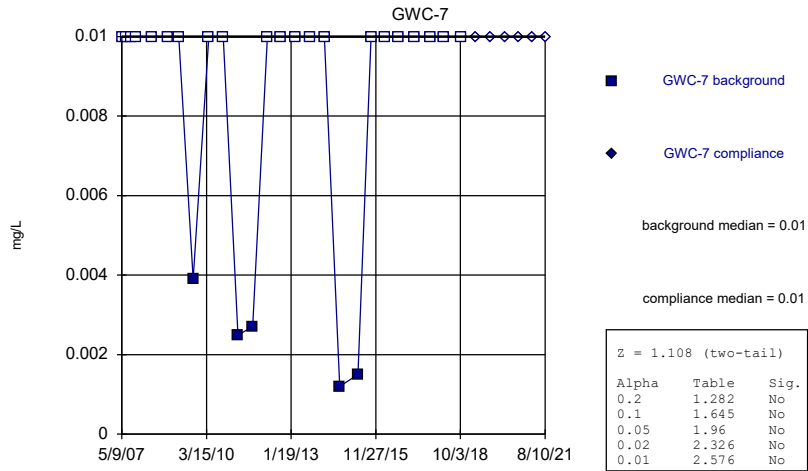
Constituent: Vanadium Analysis Run 3/25/2022 2:27 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



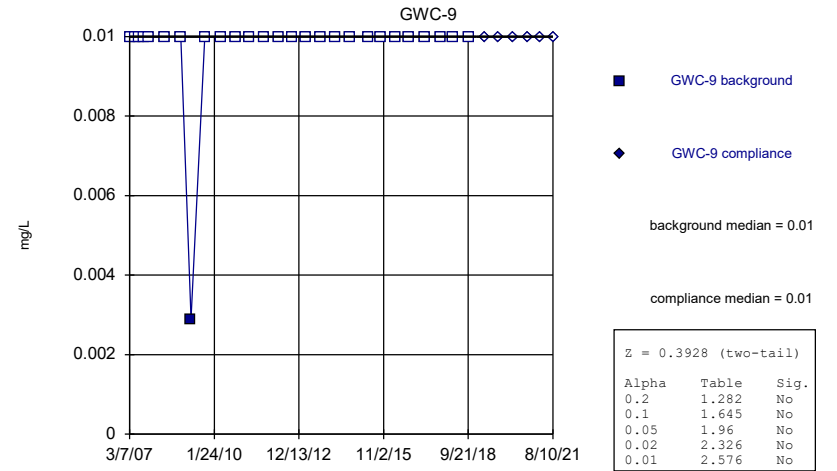
Constituent: Vanadium Analysis Run 3/25/2022 2:27 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



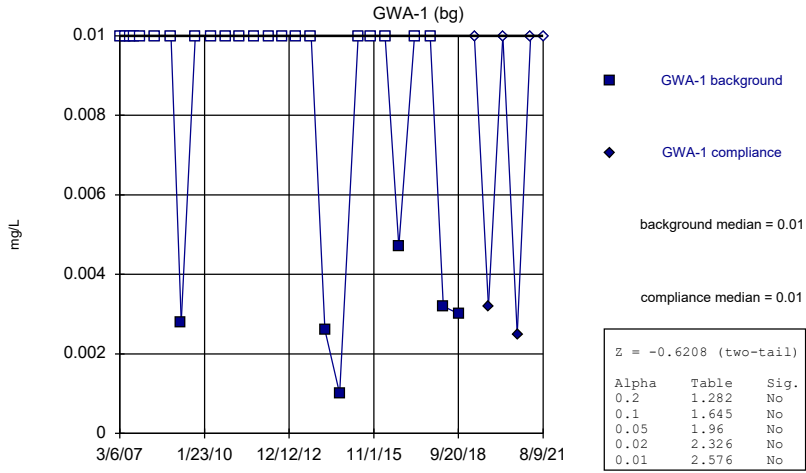
Constituent: Vanadium Analysis Run 3/25/2022 2:27 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



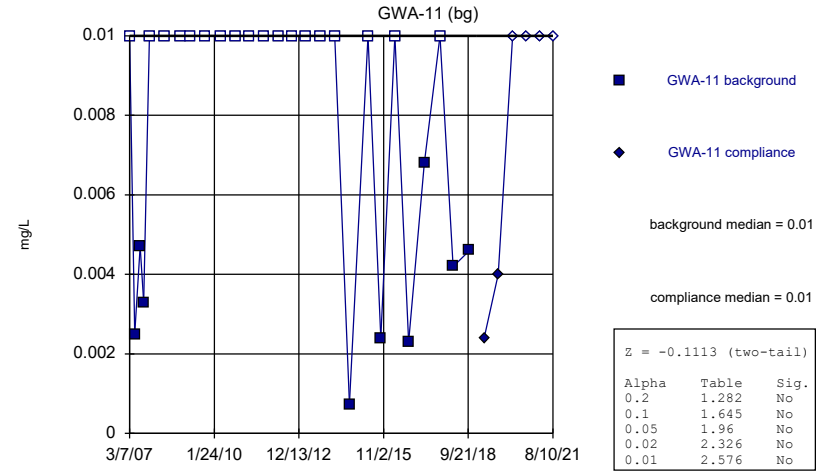
Constituent: Vanadium Analysis Run 3/25/2022 2:27 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



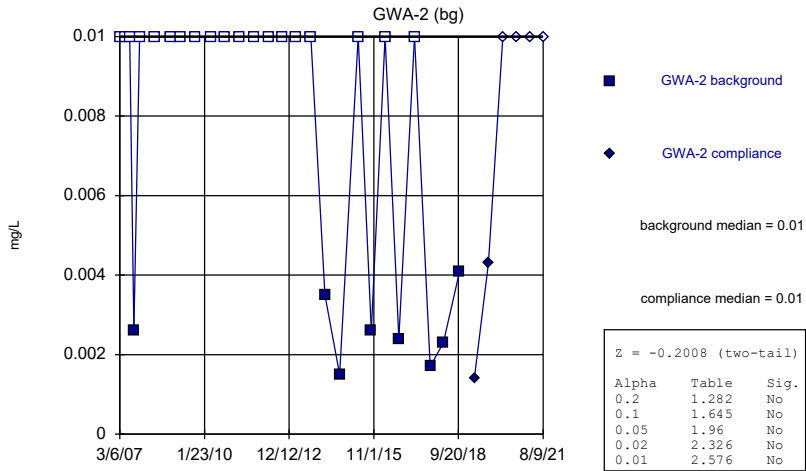
Constituent: Zinc Analysis Run 3/25/2022 2:27 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



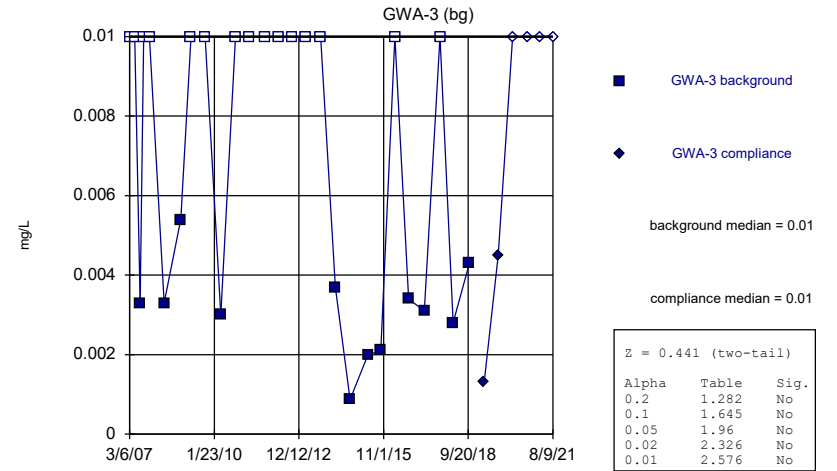
Constituent: Zinc Analysis Run 3/25/2022 2:27 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



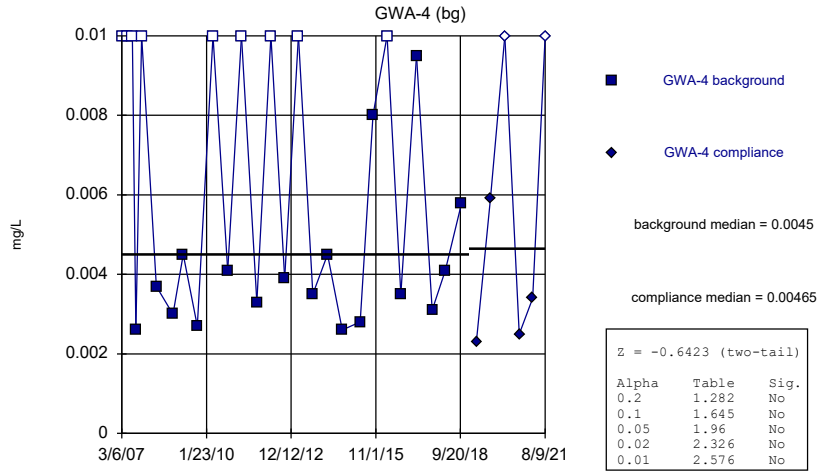
Constituent: Zinc Analysis Run 3/25/2022 2:27 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



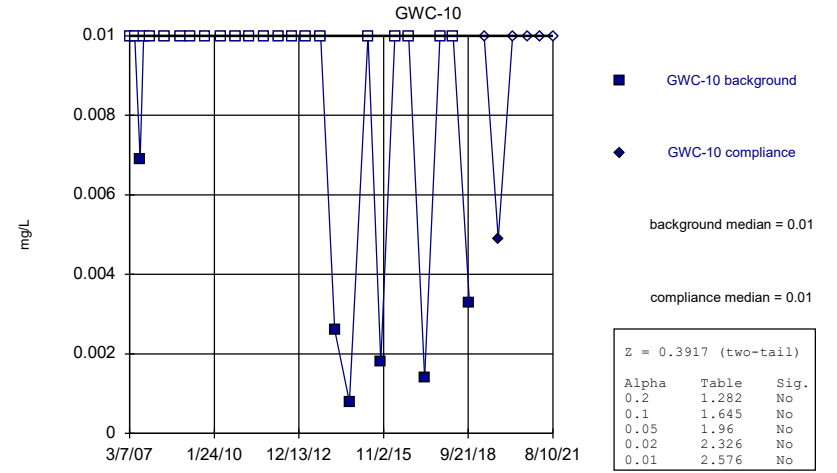
Constituent: Zinc Analysis Run 3/25/2022 2:27 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



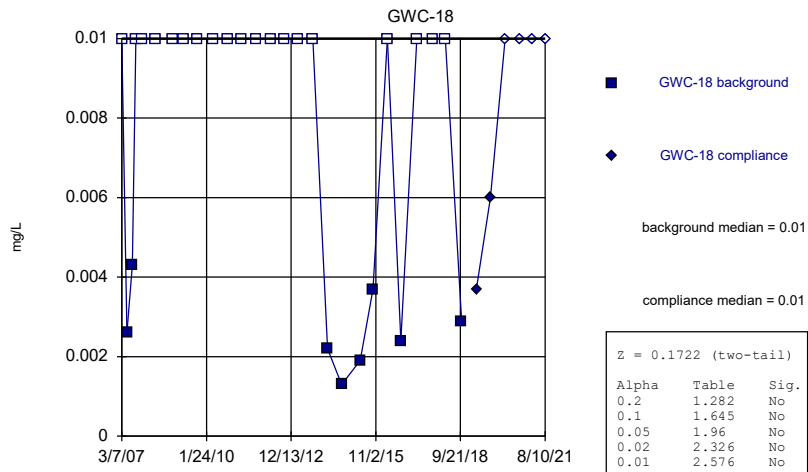
Constituent: Zinc Analysis Run 3/25/2022 2:27 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



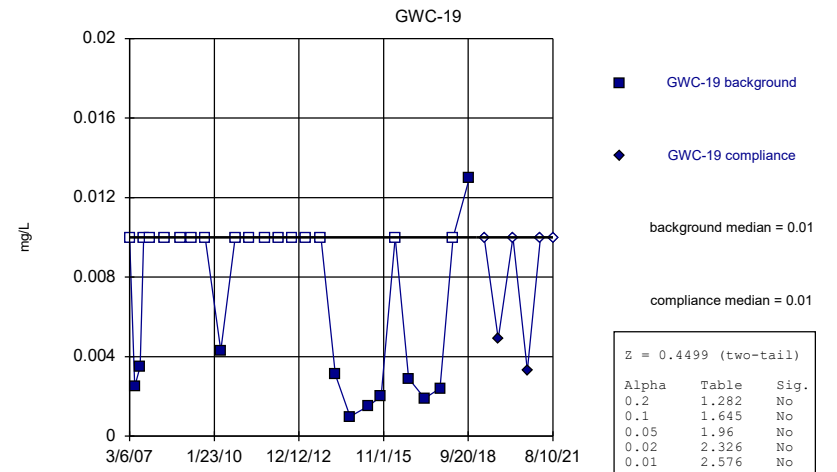
Constituent: Zinc Analysis Run 3/25/2022 2:27 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



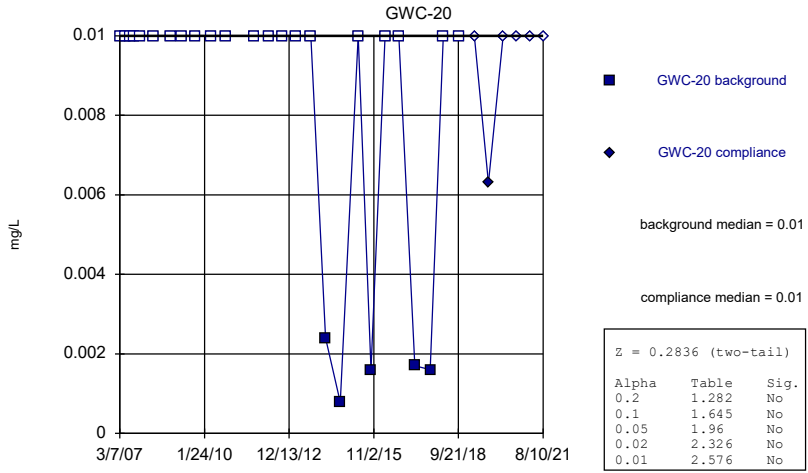
Constituent: Zinc Analysis Run 3/25/2022 2:27 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



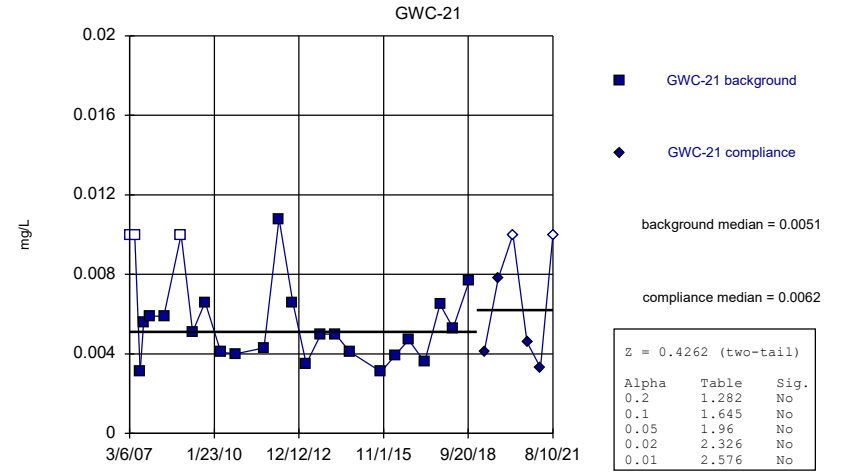
Constituent: Zinc Analysis Run 3/25/2022 2:27 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



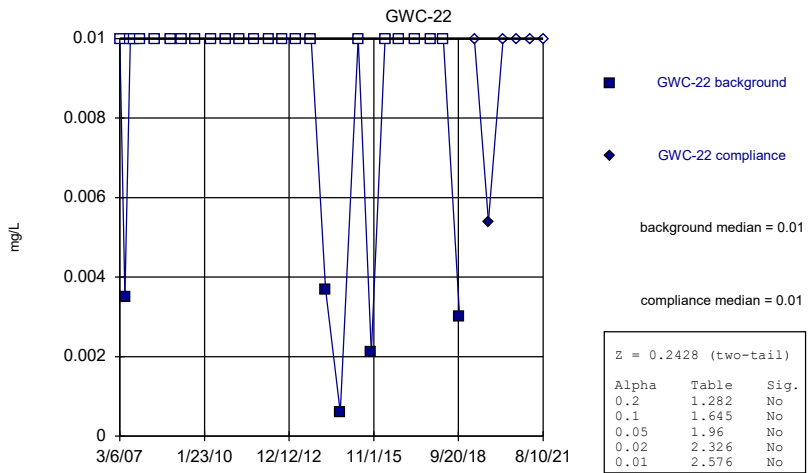
Constituent: Zinc Analysis Run 3/25/2022 2:27 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



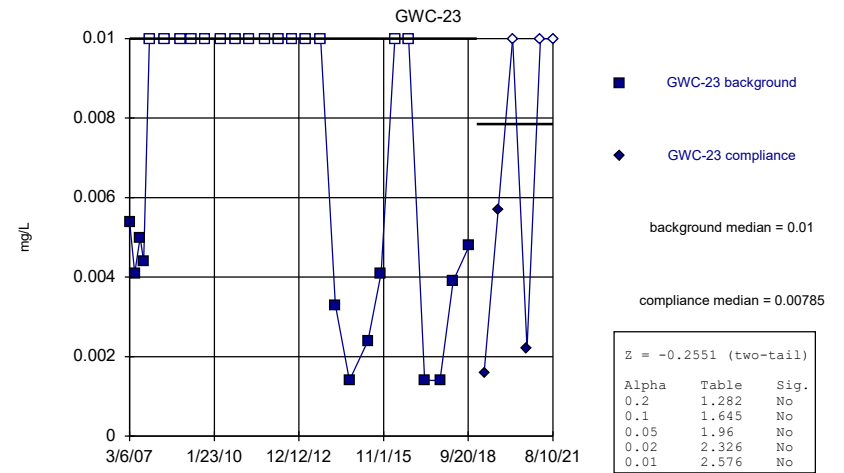
Constituent: Zinc Analysis Run 3/25/2022 2:27 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



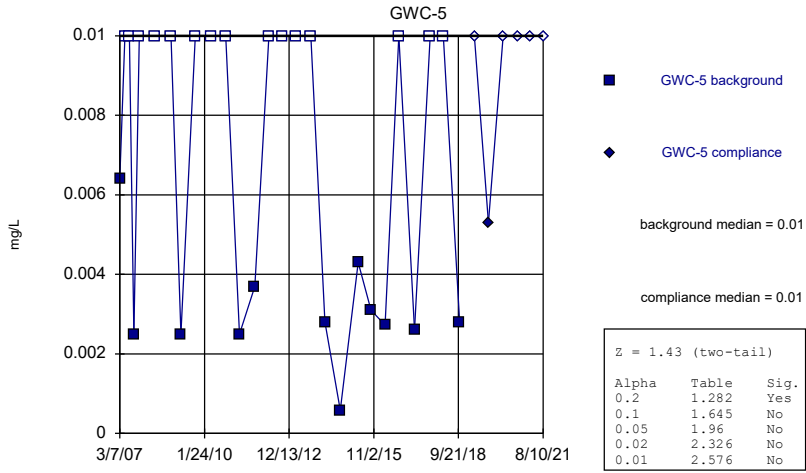
Constituent: Zinc Analysis Run 3/25/2022 2:27 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



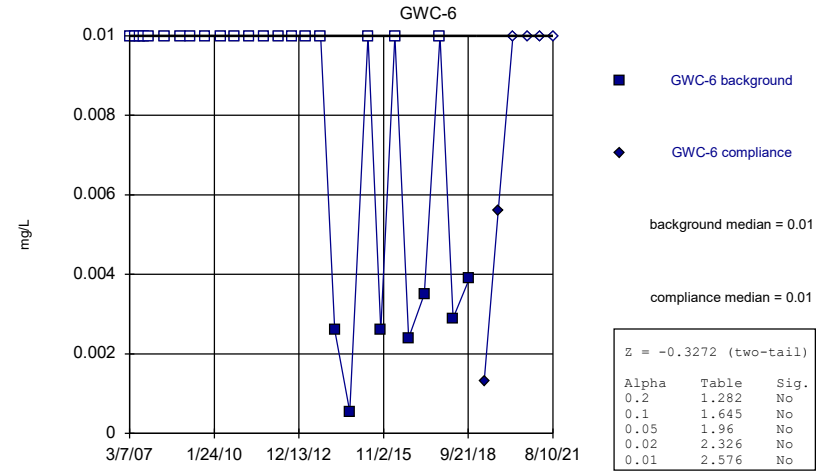
Constituent: Zinc Analysis Run 3/25/2022 2:27 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



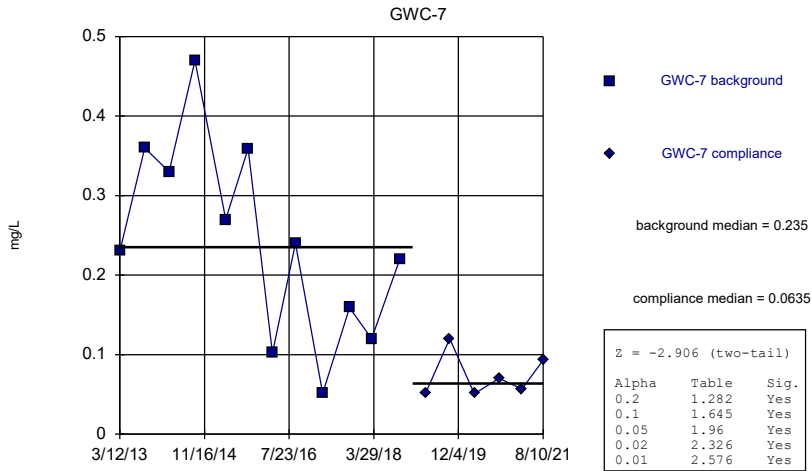
Constituent: Zinc Analysis Run 3/25/2022 2:27 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



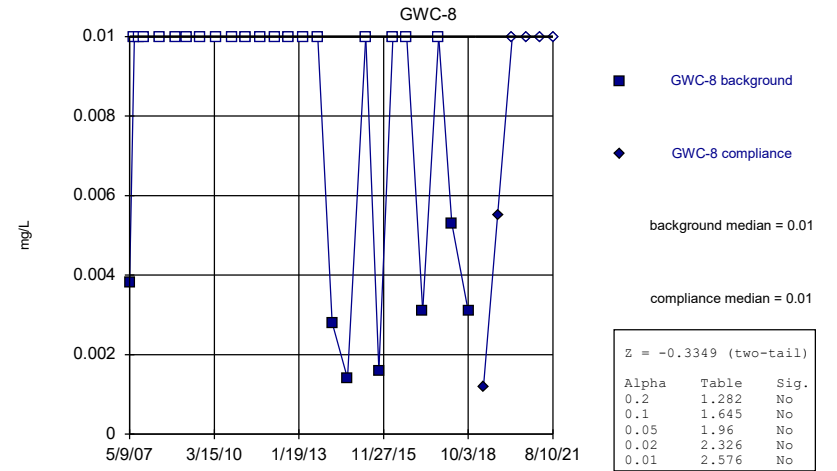
Constituent: Zinc Analysis Run 3/25/2022 2:27 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



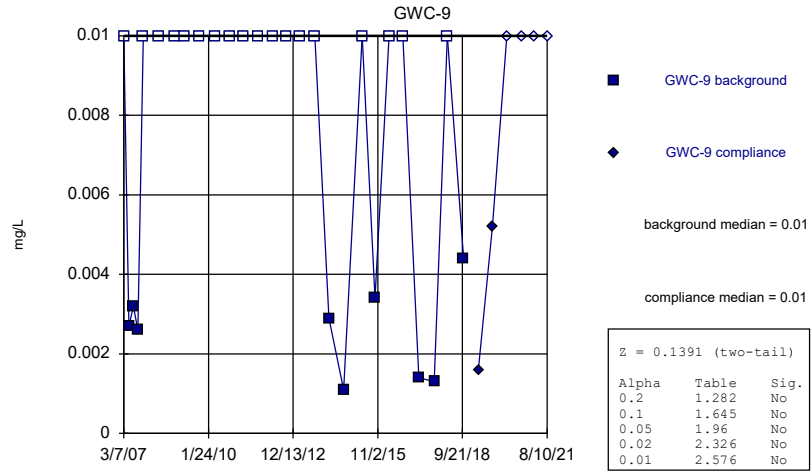
Constituent: Zinc Analysis Run 3/25/2022 2:27 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



Constituent: Zinc Analysis Run 3/25/2022 2:27 PM View: App I Mann-Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



Constituent: Zinc Analysis Run 3/25/2022 2:27 PM View: App I Mann-Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

FIGURE E.

Mann-Whitney Summary Appendix III - Significant Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 3/25/2022, 2:45 PM

<u>Constituent</u>	<u>Well</u>	<u>Calc.</u>	<u>0.01</u>	<u>Sig.</u>	<u>Method</u>
Boron (mg/L)	GWC-7	-2.832	Yes	Yes	Mann-W
Boron (mg/L)	GWC-8	3.01	Yes	Yes	Mann-W
Calcium (mg/L)	GWC-20	2.76	Yes	Yes	Mann-W
Calcium (mg/L)	GWC-6	2.887	Yes	Yes	Mann-W
Calcium (mg/L)	GWC-8	2.65	Yes	Yes	Mann-W
Chloride (mg/L)	GWA-3 (bg)	-3.004	Yes	Yes	Mann-W
Chloride (mg/L)	GWC-10	-3.069	Yes	Yes	Mann-W
Chloride (mg/L)	GWC-18	-2.755	Yes	Yes	Mann-W
Chloride (mg/L)	GWC-19	-2.875	Yes	Yes	Mann-W
Chloride (mg/L)	GWC-20	-2.732	Yes	Yes	Mann-W
Chloride (mg/L)	GWC-21	-2.978	Yes	Yes	Mann-W
Chloride (mg/L)	GWC-22	-3.032	Yes	Yes	Mann-W
Chloride (mg/L)	GWC-23	-2.971	Yes	Yes	Mann-W
Chloride (mg/L)	GWC-5	-2.781	Yes	Yes	Mann-W
Chloride (mg/L)	GWC-6	-2.936	Yes	Yes	Mann-W
Chloride (mg/L)	GWC-9	-3.015	Yes	Yes	Mann-W
Fluoride (mg/L)	GWA-3 (bg)	-2.891	Yes	Yes	Mann-W
Fluoride (mg/L)	GWA-4 (bg)	-2.669	Yes	Yes	Mann-W
pH (SU)	GWC-23	-2.724	Yes	Yes	Mann-W
pH (SU)	GWC-7	2.763	Yes	Yes	Mann-W
pH (SU)	GWC-8	-2.711	Yes	Yes	Mann-W
Sulfate (mg/L)	GWA-11 (bg)	-2.857	Yes	Yes	Mann-W
Sulfate (mg/L)	GWC-20	3.136	Yes	Yes	Mann-W
Total Dissolved Solids (mg/L)	GWA-11 (bg)	-2.671	Yes	Yes	Mann-W

Mann-Whitney Summary Appendix III - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 3/25/2022, 2:45 PM

<u>Constituent</u>	<u>Well</u>	<u>Calc.</u>	<u>0.01</u>	<u>Sig.</u>	<u>Method</u>
Boron (mg/L)	GWA-1 (bg)	1.194	No	No	Mann-W
Boron (mg/L)	GWA-11 (bg)	1.586	No	No	Mann-W
Boron (mg/L)	GWA-2 (bg)	-0.2831	No	No	Mann-W
Boron (mg/L)	GWA-3 (bg)	-1.363	No	No	Mann-W
Boron (mg/L)	GWA-4 (bg)	-1.302	No	No	Mann-W
Boron (mg/L)	GWC-10	1.416	No	No	Mann-W
Boron (mg/L)	GWC-18	0.6831	No	No	Mann-W
Boron (mg/L)	GWC-19	-1.778	No	No	Mann-W
Boron (mg/L)	GWC-20	0.05679	No	No	Mann-W
Boron (mg/L)	GWC-21	-0.5095	No	No	Mann-W
Boron (mg/L)	GWC-22	-1.699	No	No	Mann-W
Boron (mg/L)	GWC-23	0.5665	No	No	Mann-W
Boron (mg/L)	GWC-5	-0.5095	No	No	Mann-W
Boron (mg/L)	GWC-6	0.5315	No	No	Mann-W
Boron (mg/L)	GWC-7	-2.832	Yes	Yes	Mann-W
Boron (mg/L)	GWC-8	3.01	Yes	Yes	Mann-W
Boron (mg/L)	GWC-9	-1.134	No	No	Mann-W
Calcium (mg/L)	GWA-1 (bg)	0.7945	No	No	Mann-W
Calcium (mg/L)	GWA-11 (bg)	0.7931	No	No	Mann-W
Calcium (mg/L)	GWA-2 (bg)	1.981	No	No	Mann-W
Calcium (mg/L)	GWA-3 (bg)	-0.736	No	No	Mann-W
Calcium (mg/L)	GWA-4 (bg)	-1.076	No	No	Mann-W
Calcium (mg/L)	GWC-10	-0.25	No	No	Mann-W
Calcium (mg/L)	GWC-18	1.434	No	No	Mann-W
Calcium (mg/L)	GWC-19	0.9867	No	No	Mann-W
Calcium (mg/L)	GWC-20	2.76	Yes	Yes	Mann-W
Calcium (mg/L)	GWC-21	0.4824	No	No	Mann-W
Calcium (mg/L)	GWC-22	0.8523	No	No	Mann-W
Calcium (mg/L)	GWC-23	2.323	No	No	Mann-W
Calcium (mg/L)	GWC-5	1.981	No	No	Mann-W
Calcium (mg/L)	GWC-6	2.887	Yes	Yes	Mann-W
Calcium (mg/L)	GWC-7	1.189	No	No	Mann-W
Calcium (mg/L)	GWC-8	2.65	Yes	Yes	Mann-W
Calcium (mg/L)	GWC-9	0.9064	No	No	Mann-W
Chloride (mg/L)	GWA-1 (bg)	-0.1767	No	No	Mann-W
Chloride (mg/L)	GWA-11 (bg)	-1.887	No	No	Mann-W
Chloride (mg/L)	GWA-2 (bg)	-1.827	No	No	Mann-W
Chloride (mg/L)	GWA-3 (bg)	-3.004	Yes	Yes	Mann-W
Chloride (mg/L)	GWA-4 (bg)	-1.869	No	No	Mann-W
Chloride (mg/L)	GWC-10	-3.069	Yes	Yes	Mann-W
Chloride (mg/L)	GWC-18	-2.755	Yes	Yes	Mann-W
Chloride (mg/L)	GWC-19	-2.875	Yes	Yes	Mann-W
Chloride (mg/L)	GWC-20	-2.732	Yes	Yes	Mann-W
Chloride (mg/L)	GWC-21	-2.978	Yes	Yes	Mann-W
Chloride (mg/L)	GWC-22	-3.032	Yes	Yes	Mann-W
Chloride (mg/L)	GWC-23	-2.971	Yes	Yes	Mann-W
Chloride (mg/L)	GWC-5	-2.781	Yes	Yes	Mann-W
Chloride (mg/L)	GWC-6	-2.936	Yes	Yes	Mann-W
Chloride (mg/L)	GWC-7	-1.138	No	No	Mann-W
Chloride (mg/L)	GWC-8	1.753	No	No	Mann-W
Chloride (mg/L)	GWC-9	-3.015	Yes	Yes	Mann-W
Fluoride (mg/L)	GWA-1 (bg)	-1.19	No	No	Mann-W
Fluoride (mg/L)	GWA-11 (bg)	-1.078	No	No	Mann-W
Fluoride (mg/L)	GWA-2 (bg)	-1.19	No	No	Mann-W
Fluoride (mg/L)	GWA-3 (bg)	-2.891	Yes	Yes	Mann-W

Mann-Whitney Summary Appendix III - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 3/25/2022, 2:45 PM

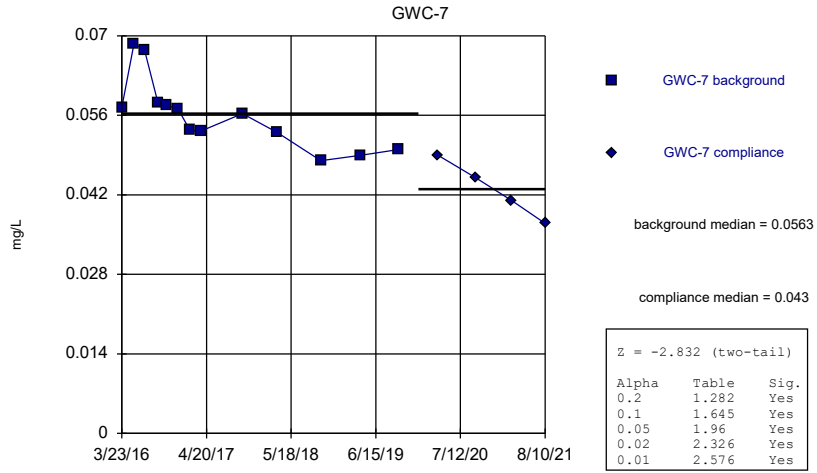
<u>Constituent</u>	<u>Well</u>	<u>Calc.</u>	<u>0.01</u>	<u>Sig.</u>	<u>Method</u>
Fluoride (mg/L)	GWA-4 (bg)	-2.669	Yes	Yes	Mann-W
Fluoride (mg/L)	GWC-10	-0.454	No	No	Mann-W
Fluoride (mg/L)	GWC-18	-2.296	No	No	Mann-W
Fluoride (mg/L)	GWC-19	-2.009	No	No	Mann-W
Fluoride (mg/L)	GWC-20	-1.415	No	No	Mann-W
Fluoride (mg/L)	GWC-21	-0.741	No	No	Mann-W
Fluoride (mg/L)	GWC-22	-2.213	No	No	Mann-W
Fluoride (mg/L)	GWC-23	-2.324	No	No	Mann-W
Fluoride (mg/L)	GWC-5	-1.873	No	No	Mann-W
Fluoride (mg/L)	GWC-6	-2.041	No	No	Mann-W
Fluoride (mg/L)	GWC-7	-2.331	No	No	Mann-W
Fluoride (mg/L)	GWC-8	-1.657	No	No	Mann-W
Fluoride (mg/L)	GWC-9	-1.021	No	No	Mann-W
pH (SU)	GWA-1 (bg)	0.6815	No	No	Mann-W
pH (SU)	GWA-11 (bg)	1.701	No	No	Mann-W
pH (SU)	GWA-2 (bg)	1.08	No	No	Mann-W
pH (SU)	GWA-3 (bg)	1.815	No	No	Mann-W
pH (SU)	GWA-4 (bg)	1.19	No	No	Mann-W
pH (SU)	GWC-10	0.4438	No	No	Mann-W
pH (SU)	GWC-18	0.3409	No	No	Mann-W
pH (SU)	GWC-19	1.538	No	No	Mann-W
pH (SU)	GWC-20	0.6993	No	No	Mann-W
pH (SU)	GWC-21	-0.2266	No	No	Mann-W
pH (SU)	GWC-22	0.2467	No	No	Mann-W
pH (SU)	GWC-23	-2.724	Yes	Yes	Mann-W
pH (SU)	GWC-5	0.8508	No	No	Mann-W
pH (SU)	GWC-6	0.5433	No	No	Mann-W
pH (SU)	GWC-7	2.763	Yes	Yes	Mann-W
pH (SU)	GWC-8	-2.711	Yes	Yes	Mann-W
pH (SU)	GWC-9	1.076	No	No	Mann-W
Sulfate (mg/L)	GWA-1 (bg)	0.5146	No	No	Mann-W
Sulfate (mg/L)	GWA-11 (bg)	-2.857	Yes	Yes	Mann-W
Sulfate (mg/L)	GWA-2 (bg)	1.985	No	No	Mann-W
Sulfate (mg/L)	GWA-3 (bg)	-2.549	No	No	Mann-W
Sulfate (mg/L)	GWA-4 (bg)	-2.096	No	No	Mann-W
Sulfate (mg/L)	GWC-10	-0.5856	No	No	Mann-W
Sulfate (mg/L)	GWC-18	-1.869	No	No	Mann-W
Sulfate (mg/L)	GWC-19	1.077	No	No	Mann-W
Sulfate (mg/L)	GWC-20	3.136	Yes	Yes	Mann-W
Sulfate (mg/L)	GWC-21	0.3968	No	No	Mann-W
Sulfate (mg/L)	GWC-22	-1.361	No	No	Mann-W
Sulfate (mg/L)	GWC-23	0.2834	No	No	Mann-W
Sulfate (mg/L)	GWC-5	0.736	No	No	Mann-W
Sulfate (mg/L)	GWC-6	-0.9063	No	No	Mann-W
Sulfate (mg/L)	GWC-7	-1.421	No	No	Mann-W
Sulfate (mg/L)	GWC-8	-1.415	No	No	Mann-W
Sulfate (mg/L)	GWC-9	-0.4791	No	No	Mann-W
Total Dissolved Solids (mg/L)	GWA-1 (bg)	-0.5102	No	No	Mann-W
Total Dissolved Solids (mg/L)	GWA-11 (bg)	-2.671	Yes	Yes	Mann-W
Total Dissolved Solids (mg/L)	GWA-2 (bg)	0.3401	No	No	Mann-W
Total Dissolved Solids (mg/L)	GWA-3 (bg)	-1.36	No	No	Mann-W
Total Dissolved Solids (mg/L)	GWA-4 (bg)	-1.983	No	No	Mann-W
Total Dissolved Solids (mg/L)	GWC-10	-0.8492	No	No	Mann-W
Total Dissolved Solids (mg/L)	GWC-18	0	No	No	Mann-W
Total Dissolved Solids (mg/L)	GWC-19	-1.64	No	No	Mann-W

Mann-Whitney Summary Appendix III - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 3/25/2022, 2:45 PM

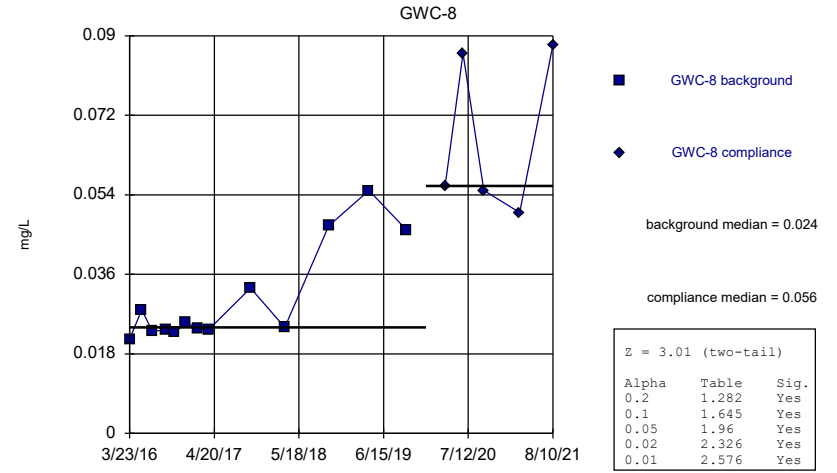
<u>Constituent</u>	<u>Well</u>	<u>Calc.</u>	<u>0.01</u>	<u>Sig.</u>	<u>Method</u>
Total Dissolved Solids (mg/L)	GWC-20	1.927	No	No	Mann-W
Total Dissolved Solids (mg/L)	GWC-21	0.6584	No	No	Mann-W
Total Dissolved Solids (mg/L)	GWC-22	-1.305	No	No	Mann-W
Total Dissolved Solids (mg/L)	GWC-23	0.3963	No	No	Mann-W
Total Dissolved Solids (mg/L)	GWC-5	-0.8497	No	No	Mann-W
Total Dissolved Solids (mg/L)	GWC-6	-0.3502	No	No	Mann-W
Total Dissolved Solids (mg/L)	GWC-7	-1.02	No	No	Mann-W
Total Dissolved Solids (mg/L)	GWC-8	1.951	No	No	Mann-W
Total Dissolved Solids (mg/L)	GWC-9	-2.044	No	No	Mann-W

Mann-Whitney (Wilcoxon Rank Sum)



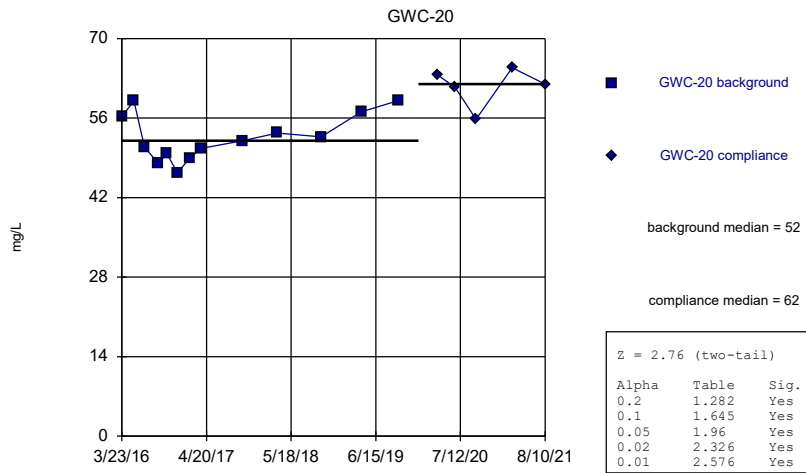
Constituent: Boron Analysis Run 3/25/2022 2:34 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



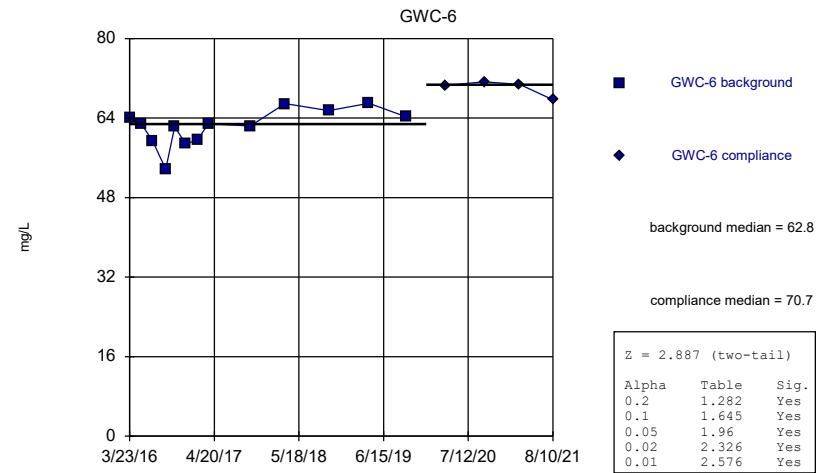
Constituent: Boron Analysis Run 3/25/2022 2:34 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



Constituent: Calcium Analysis Run 3/25/2022 2:34 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

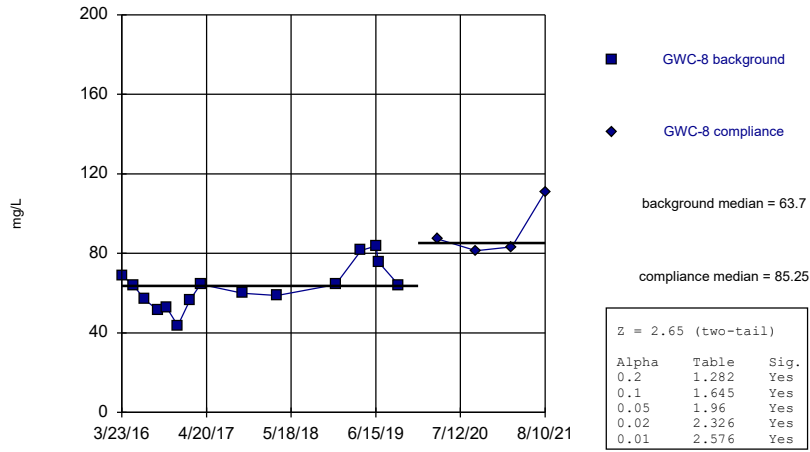
Mann-Whitney (Wilcoxon Rank Sum)



Constituent: Calcium Analysis Run 3/25/2022 2:34 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)

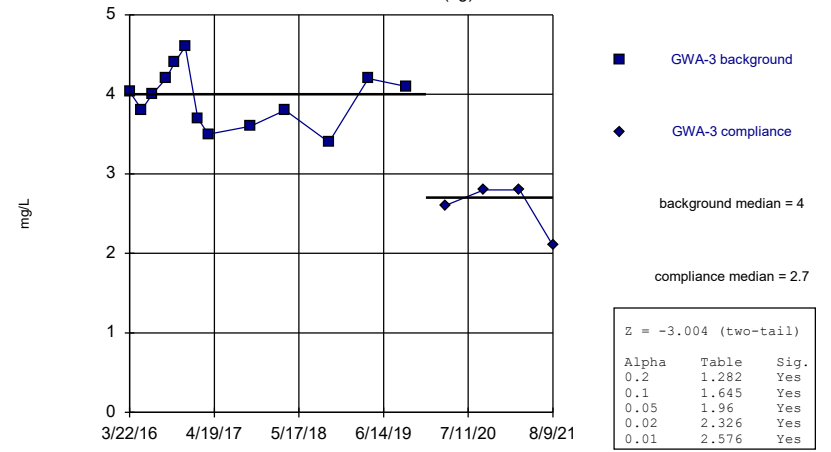
GWC-8



Constituent: Calcium Analysis Run 3/25/2022 2:34 PM View: App III Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)

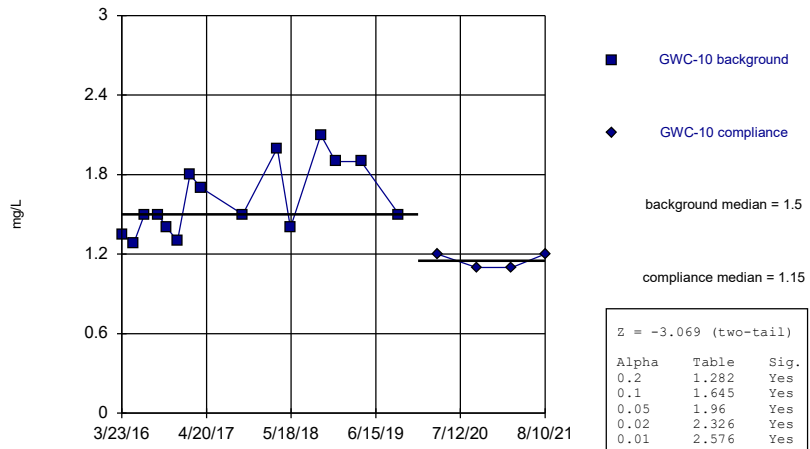
GWA-3 (bg)



Constituent: Chloride Analysis Run 3/25/2022 2:34 PM View: App III Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)

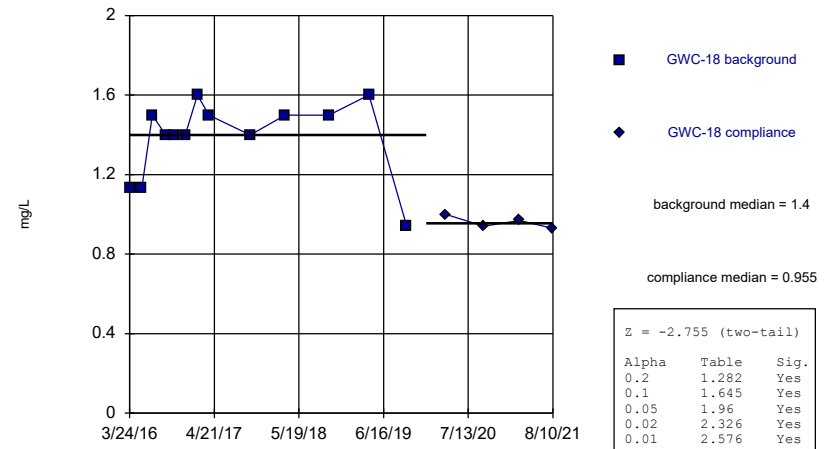
GWC-10



Constituent: Chloride Analysis Run 3/25/2022 2:34 PM View: App III Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)

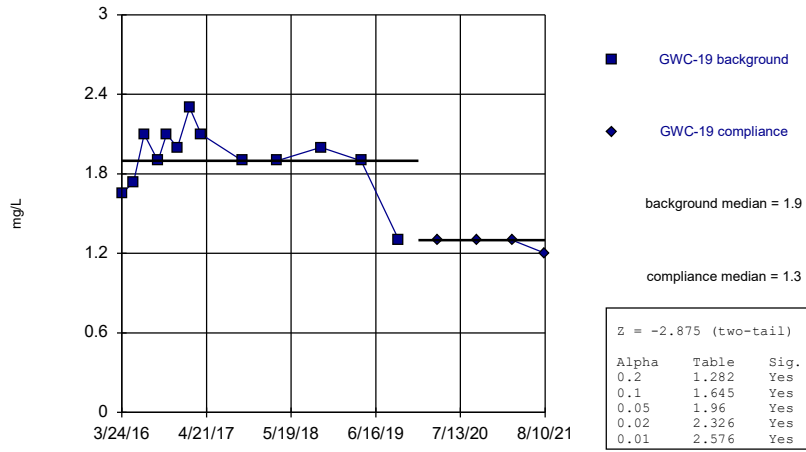
GWC-18



Constituent: Chloride Analysis Run 3/25/2022 2:34 PM View: App III Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)

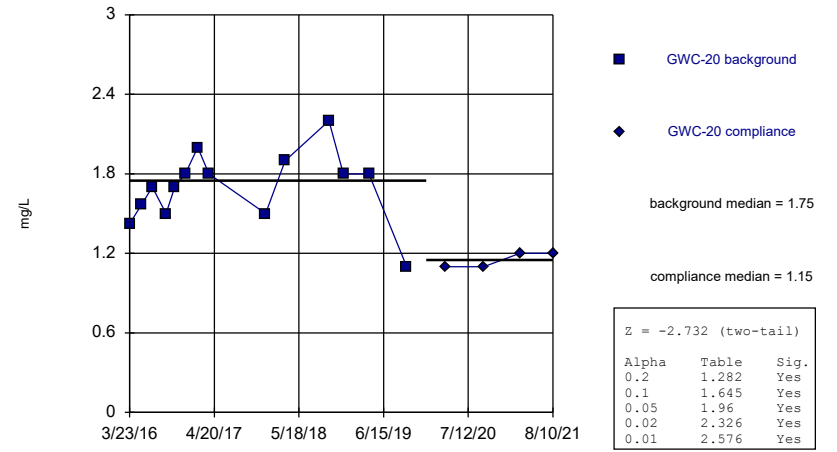
GWC-19



Constituent: Chloride Analysis Run 3/25/2022 2:34 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)

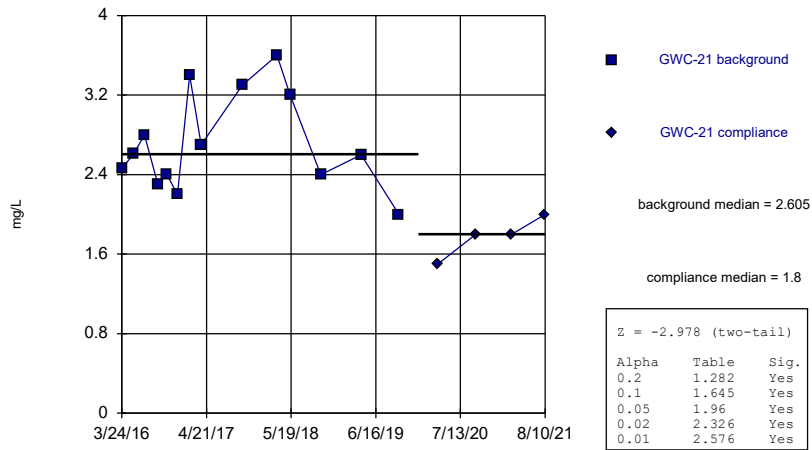
GWC-20



Constituent: Chloride Analysis Run 3/25/2022 2:34 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)

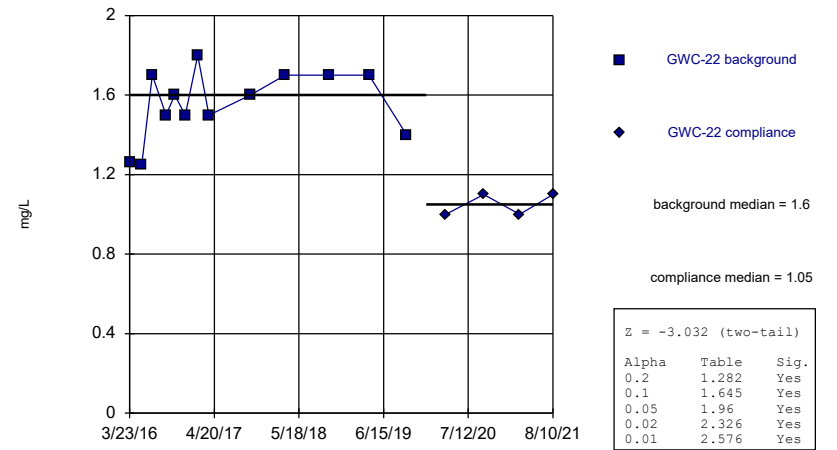
GWC-21



Constituent: Chloride Analysis Run 3/25/2022 2:34 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

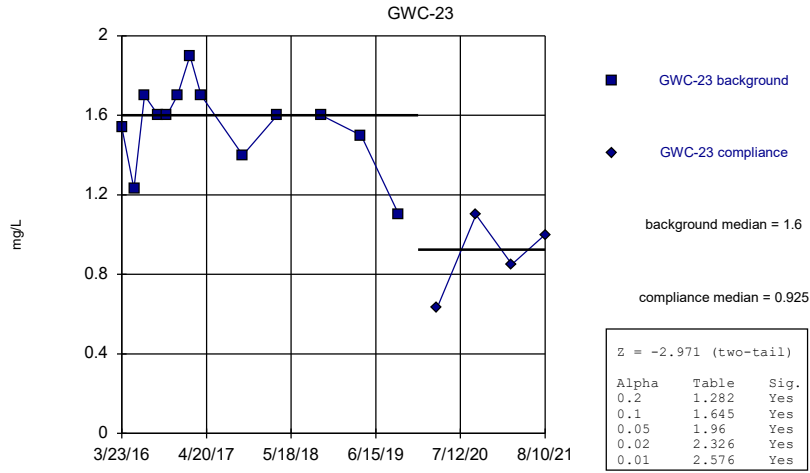
Mann-Whitney (Wilcoxon Rank Sum)

GWC-22



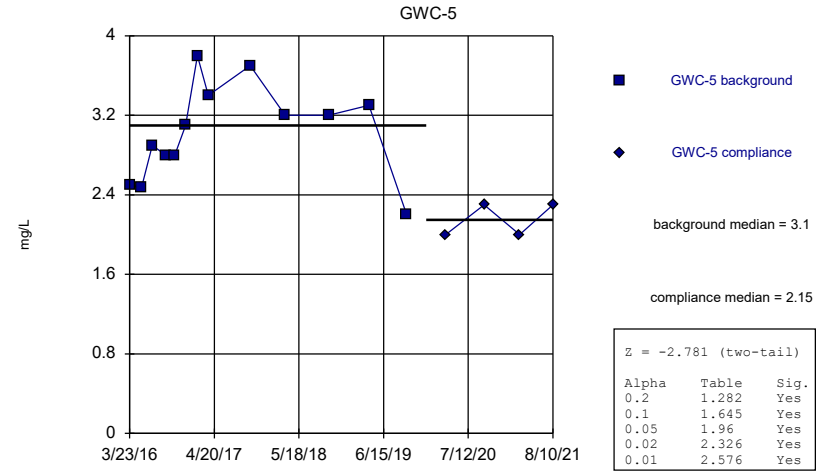
Constituent: Chloride Analysis Run 3/25/2022 2:34 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



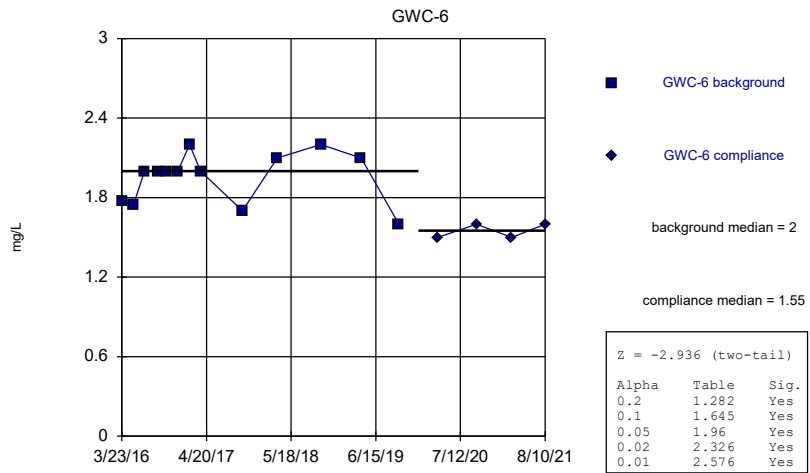
Constituent: Chloride Analysis Run 3/25/2022 2:34 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



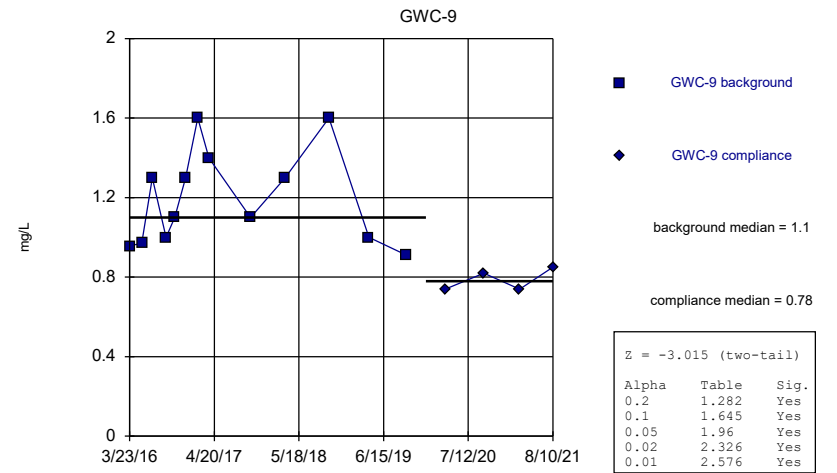
Constituent: Chloride Analysis Run 3/25/2022 2:34 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



Constituent: Chloride Analysis Run 3/25/2022 2:34 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

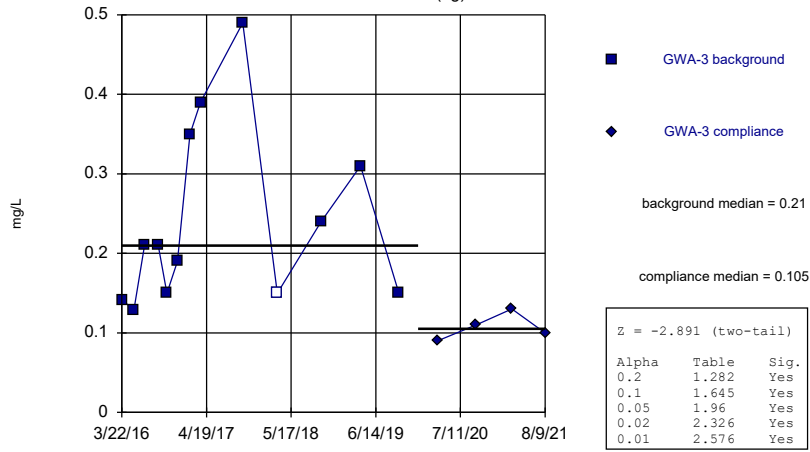
Mann-Whitney (Wilcoxon Rank Sum)



Constituent: Chloride Analysis Run 3/25/2022 2:34 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)

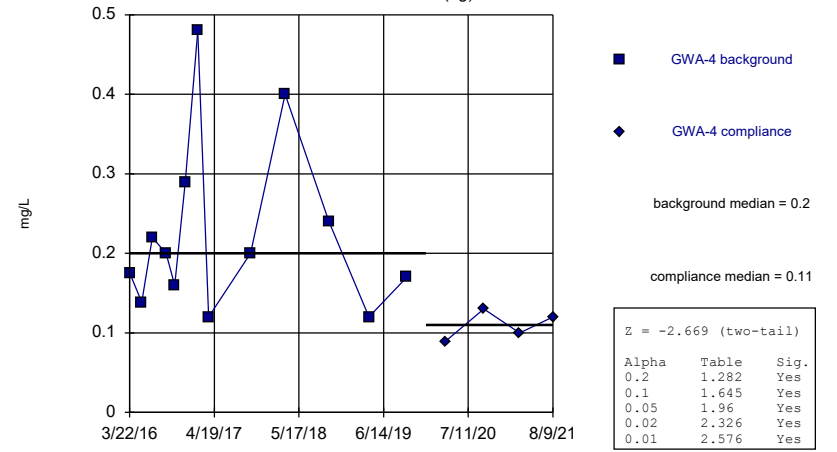
GWA-3 (bg)



Constituent: Fluoride Analysis Run 3/25/2022 2:34 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)

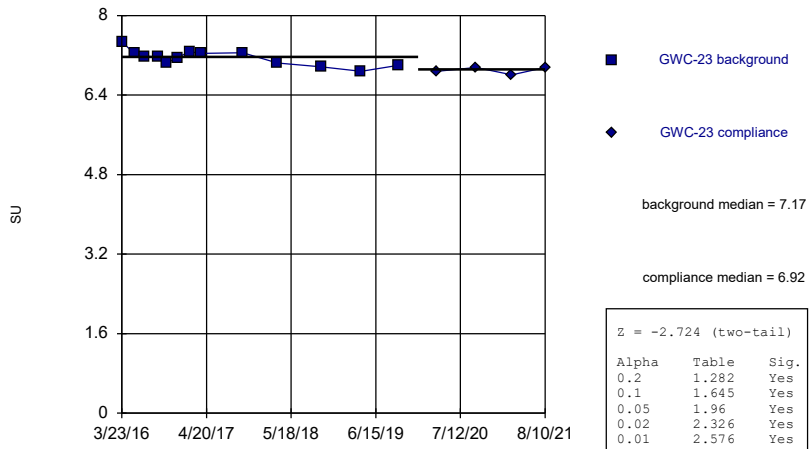
GWA-4 (bg)



Constituent: Fluoride Analysis Run 3/25/2022 2:34 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)

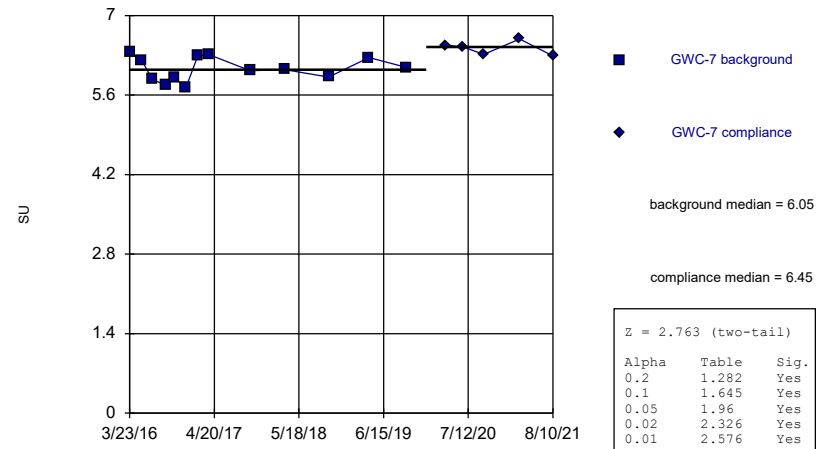
GWC-23



Constituent: pH Analysis Run 3/25/2022 2:34 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

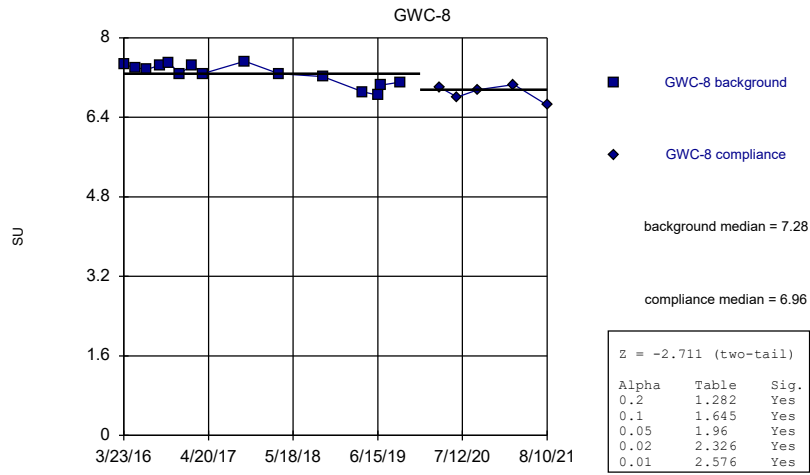
Mann-Whitney (Wilcoxon Rank Sum)

GWC-7



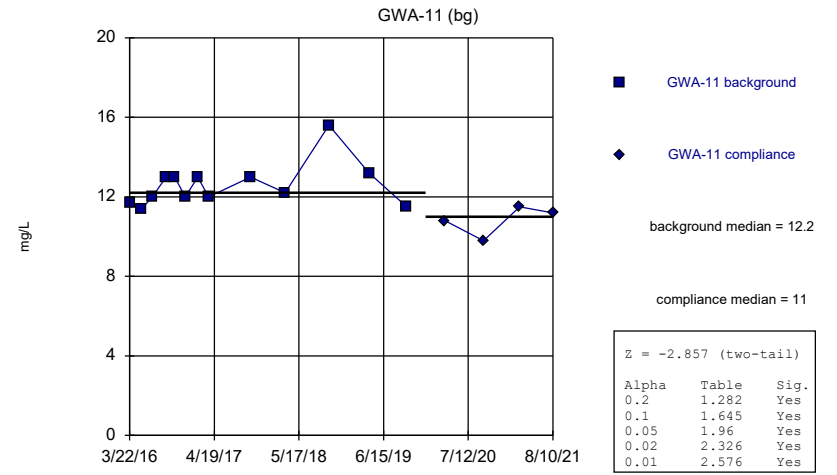
Constituent: pH Analysis Run 3/25/2022 2:35 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



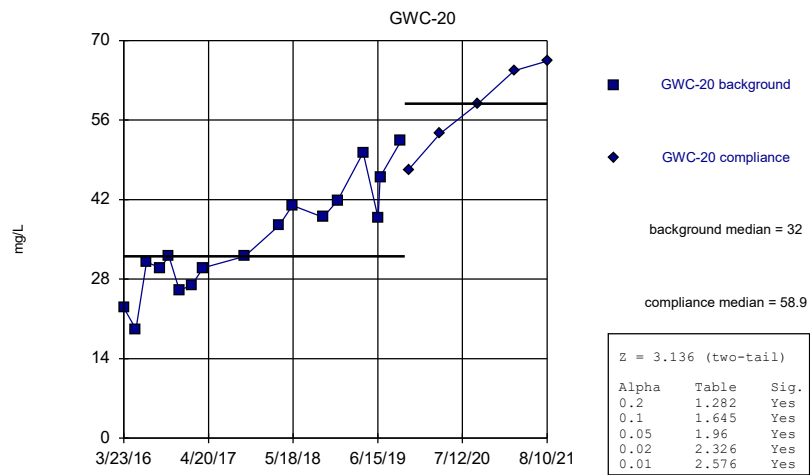
Constituent: pH Analysis Run 3/25/2022 2:35 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



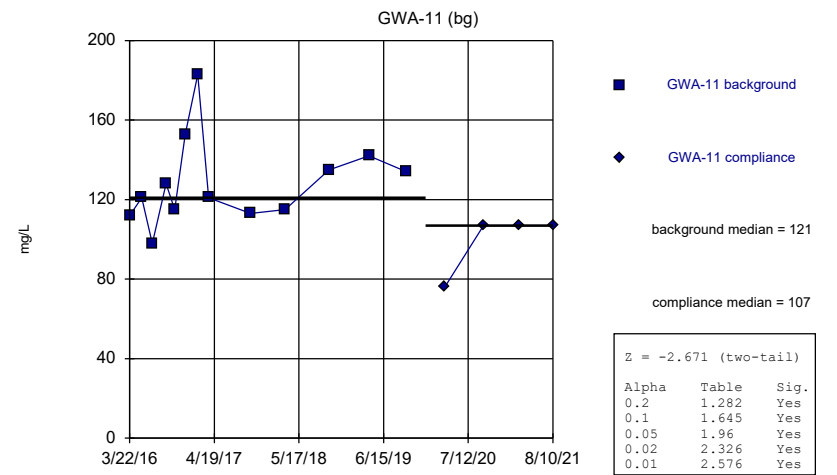
Constituent: Sulfate Analysis Run 3/25/2022 2:35 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



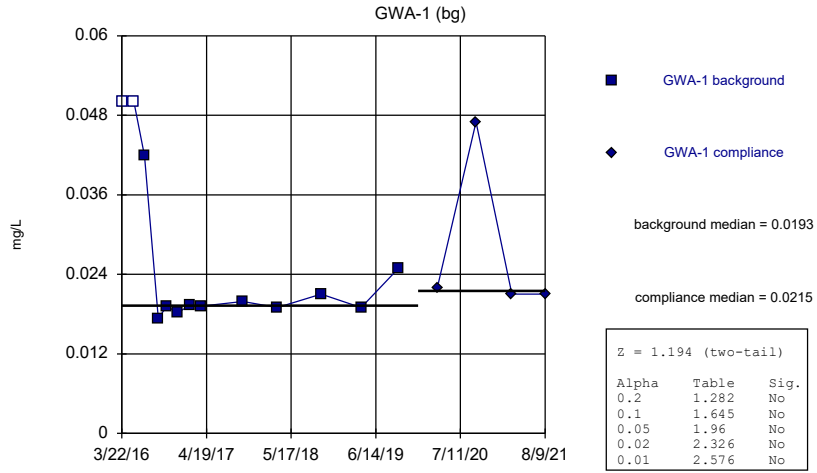
Constituent: Sulfate Analysis Run 3/25/2022 2:35 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



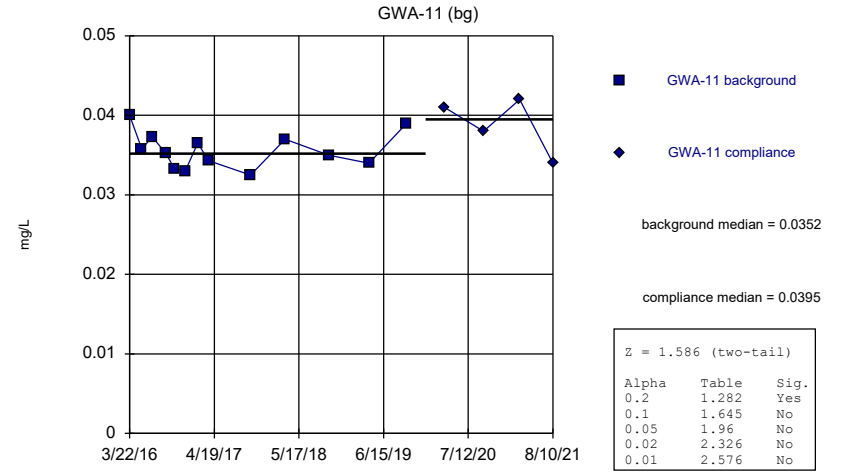
Constituent: Total Dissolved Solids Analysis Run 3/25/2022 2:35 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



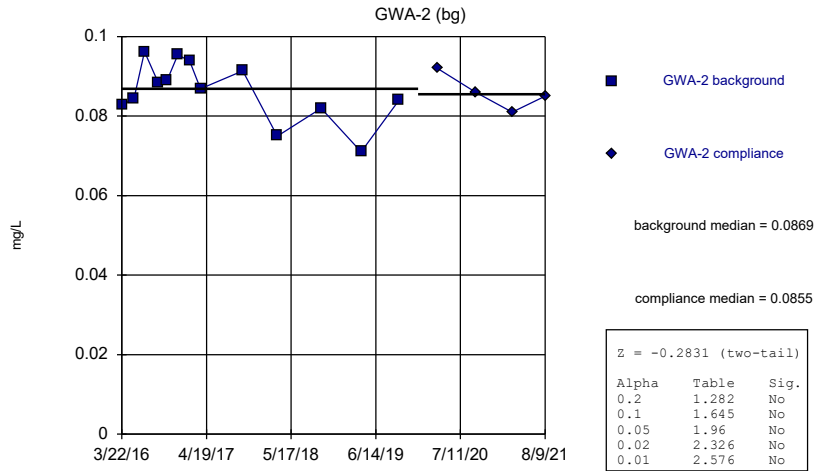
Constituent: Boron Analysis Run 3/25/2022 2:36 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



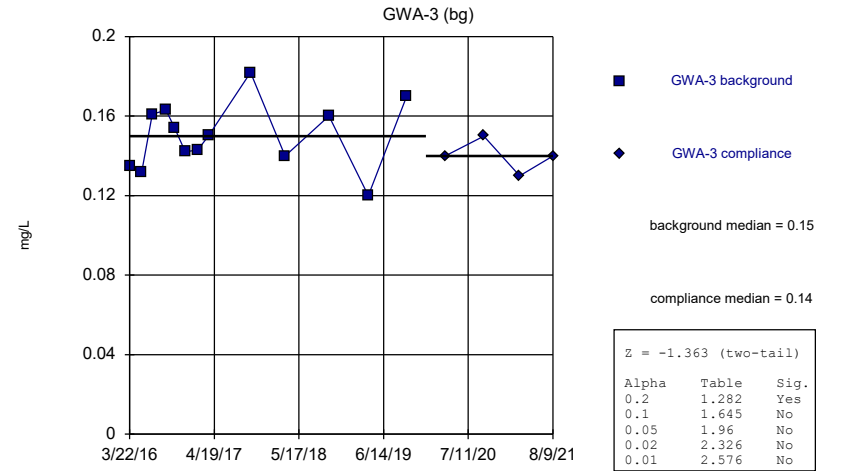
Constituent: Boron Analysis Run 3/25/2022 2:36 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



Constituent: Boron Analysis Run 3/25/2022 2:36 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

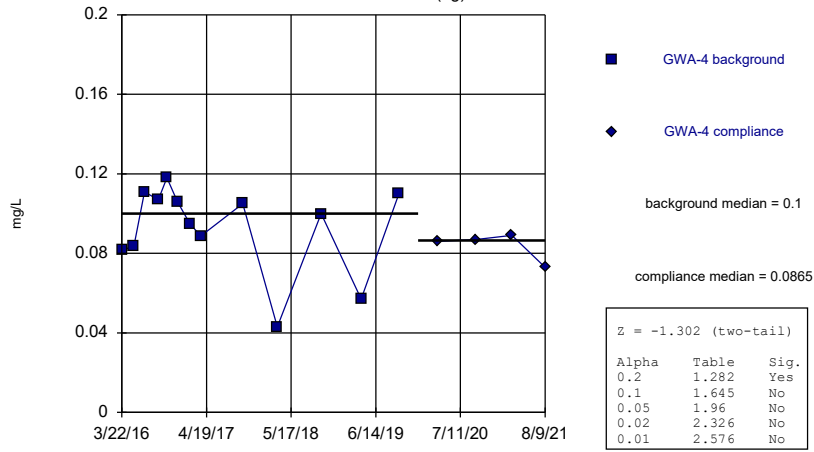
Mann-Whitney (Wilcoxon Rank Sum)



Constituent: Boron Analysis Run 3/25/2022 2:36 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)

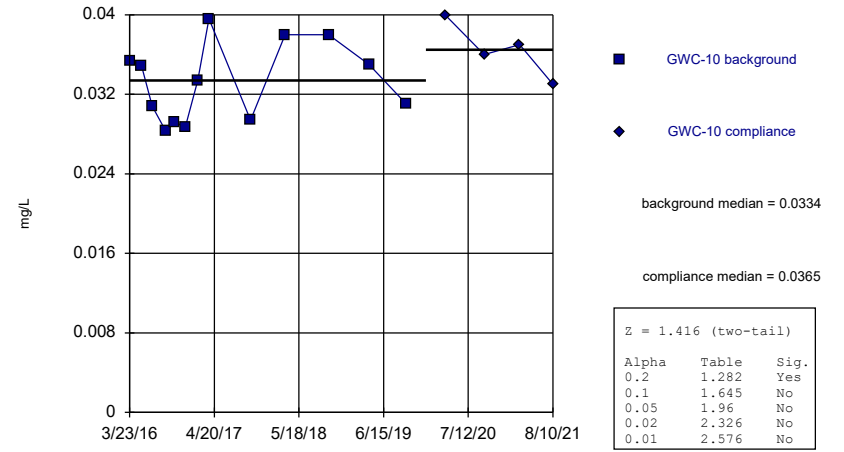
GWA-4 (bg)



Constituent: Boron Analysis Run 3/25/2022 2:36 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)

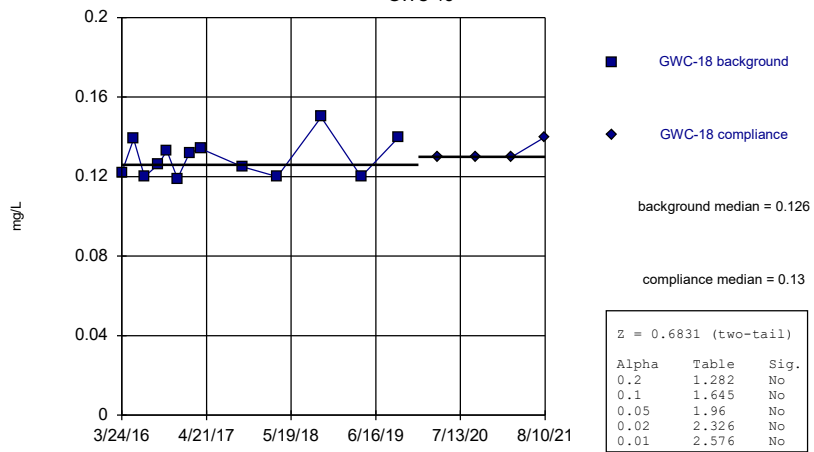
GWC-10



Constituent: Boron Analysis Run 3/25/2022 2:36 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)

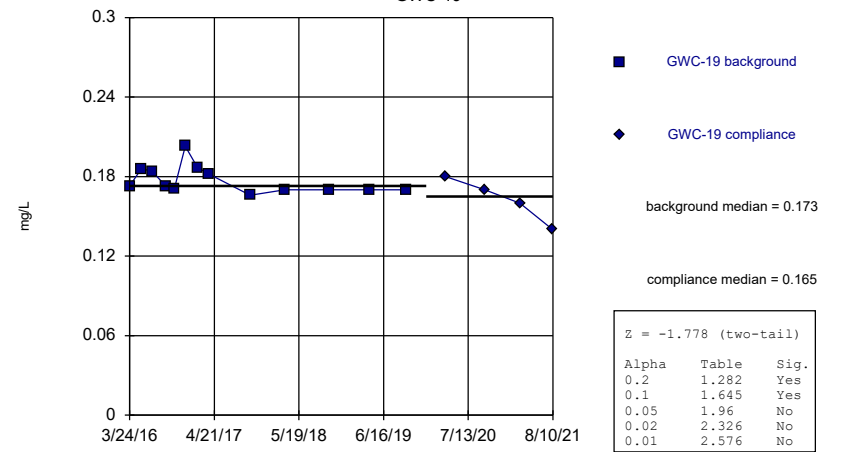
GWC-18



Constituent: Boron Analysis Run 3/25/2022 2:36 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

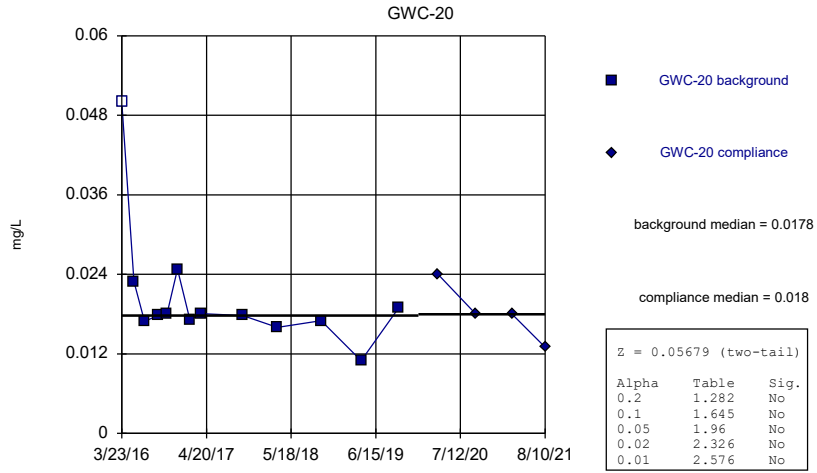
Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



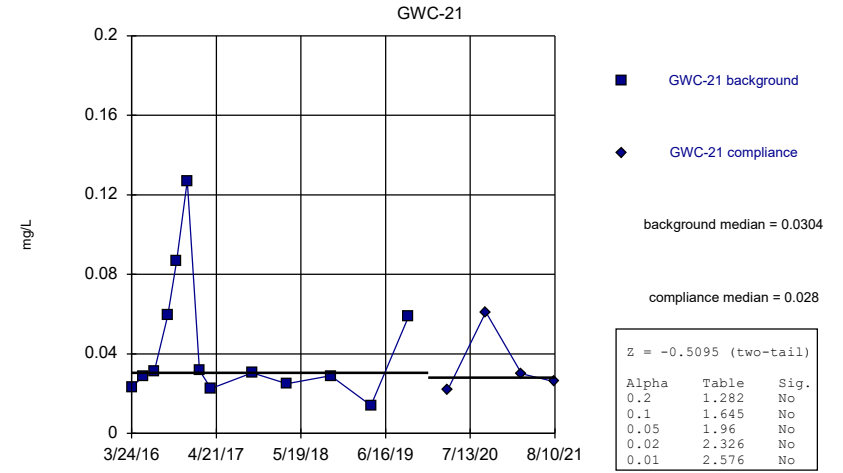
Constituent: Boron Analysis Run 3/25/2022 2:36 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



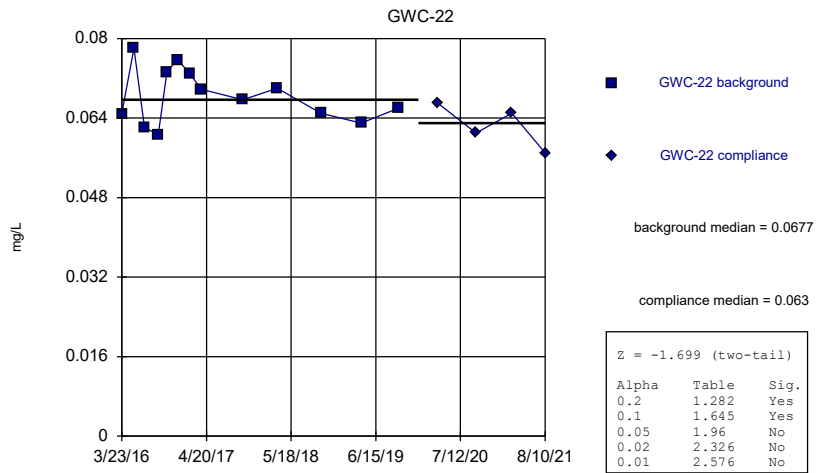
Constituent: Boron Analysis Run 3/25/2022 2:36 PM View: App III Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



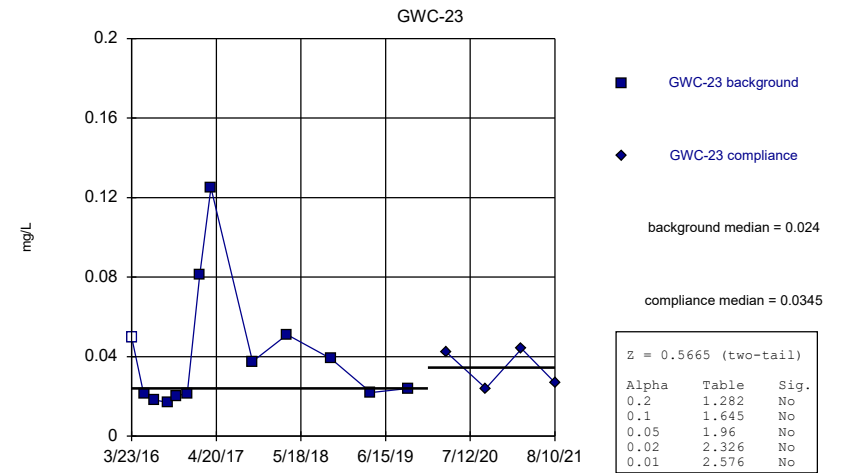
Constituent: Boron Analysis Run 3/25/2022 2:36 PM View: App III Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



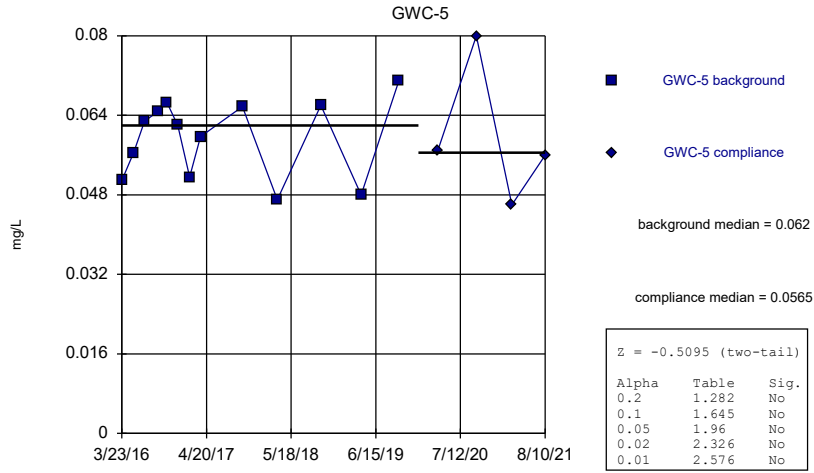
Constituent: Boron Analysis Run 3/25/2022 2:36 PM View: App III Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



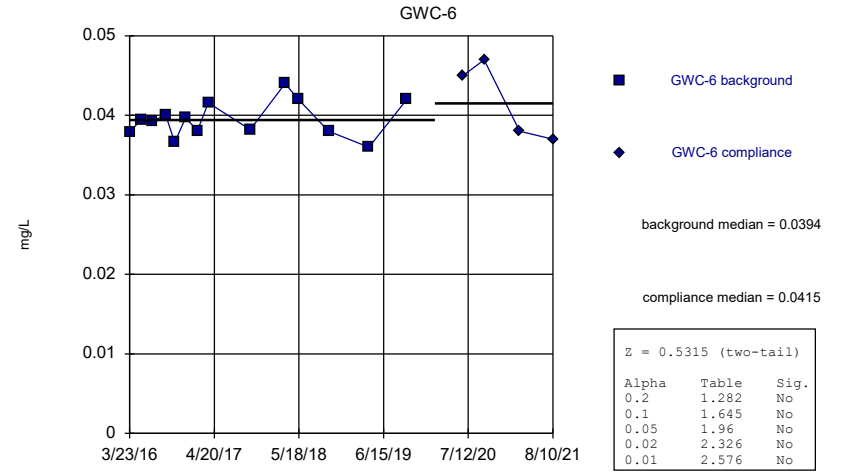
Constituent: Boron Analysis Run 3/25/2022 2:36 PM View: App III Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



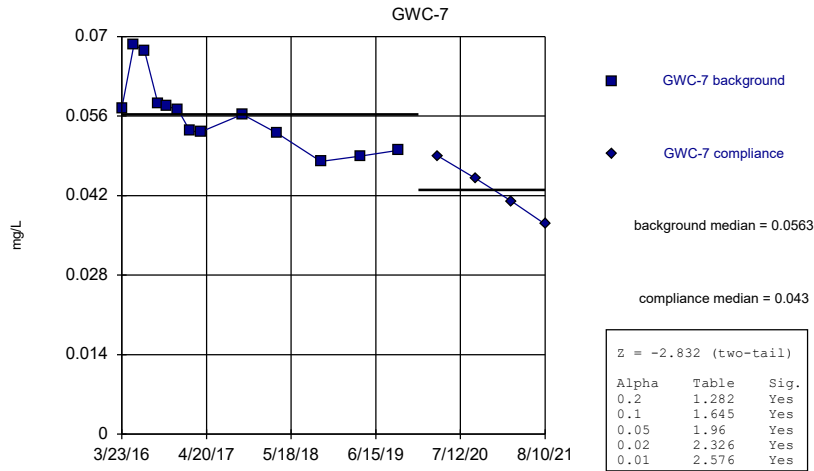
Constituent: Boron Analysis Run 3/25/2022 2:36 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



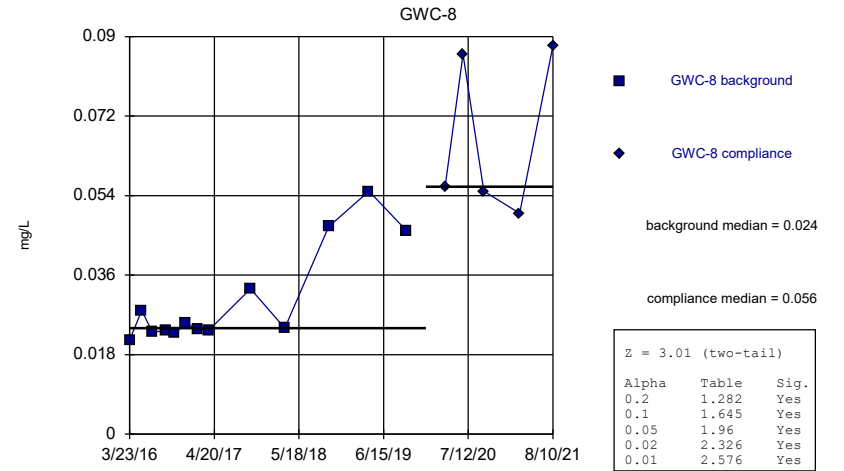
Constituent: Boron Analysis Run 3/25/2022 2:36 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



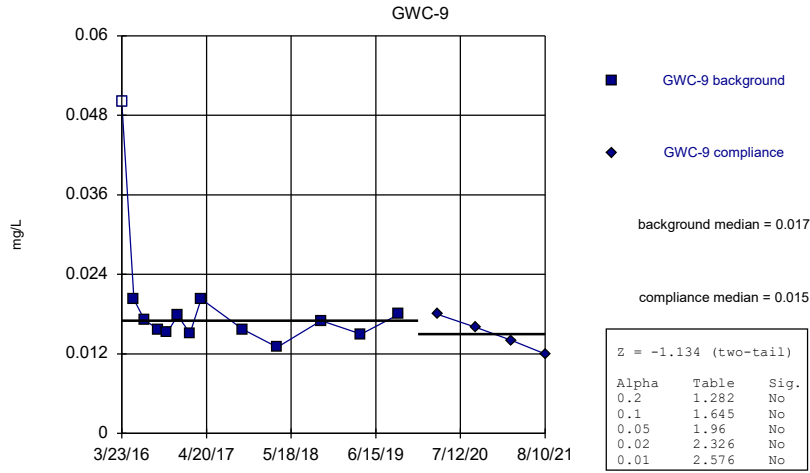
Constituent: Boron Analysis Run 3/25/2022 2:36 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



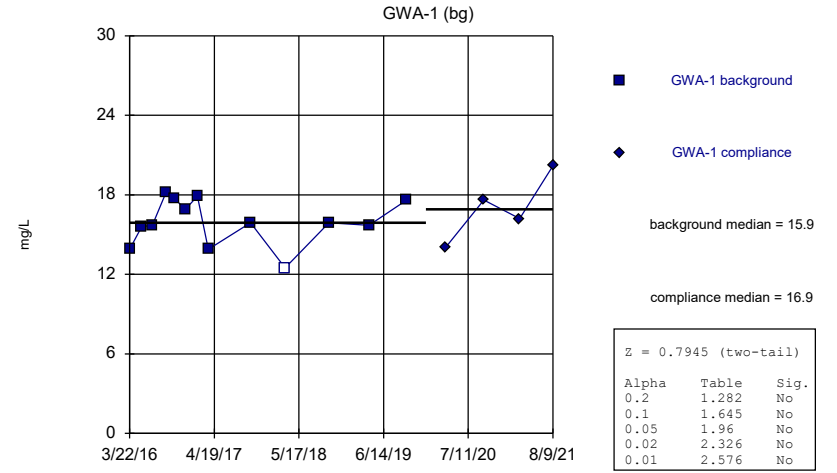
Constituent: Boron Analysis Run 3/25/2022 2:36 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



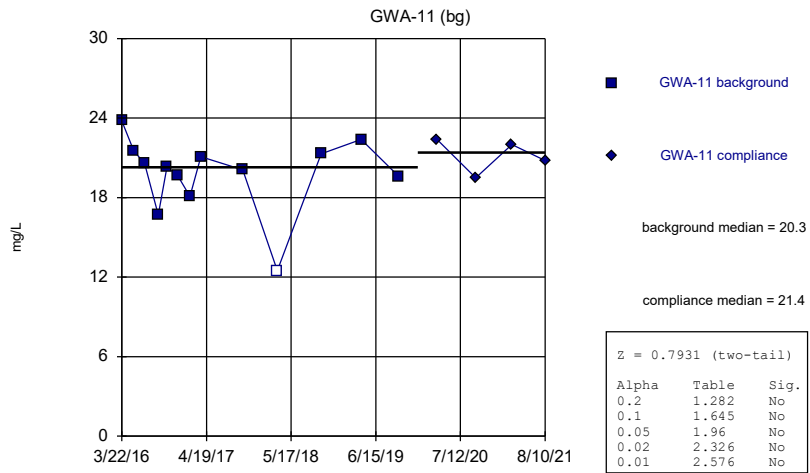
Constituent: Boron Analysis Run 3/25/2022 2:36 PM View: App III Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



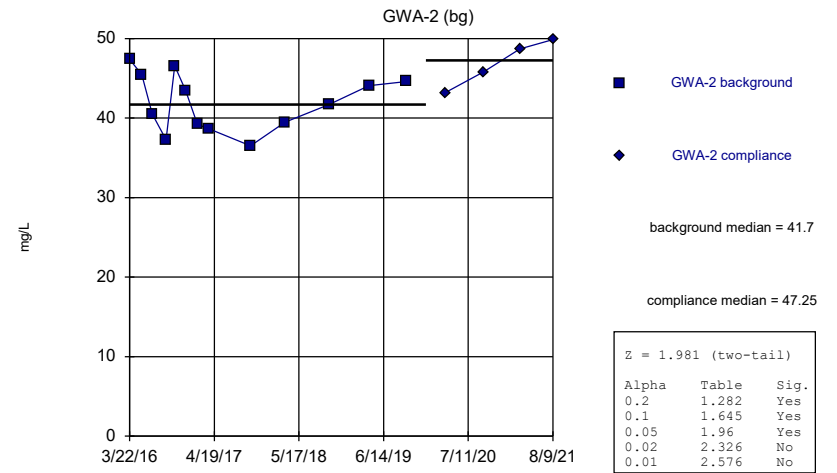
Constituent: Calcium Analysis Run 3/25/2022 2:36 PM View: App III Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



Constituent: Calcium Analysis Run 3/25/2022 2:36 PM View: App III Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

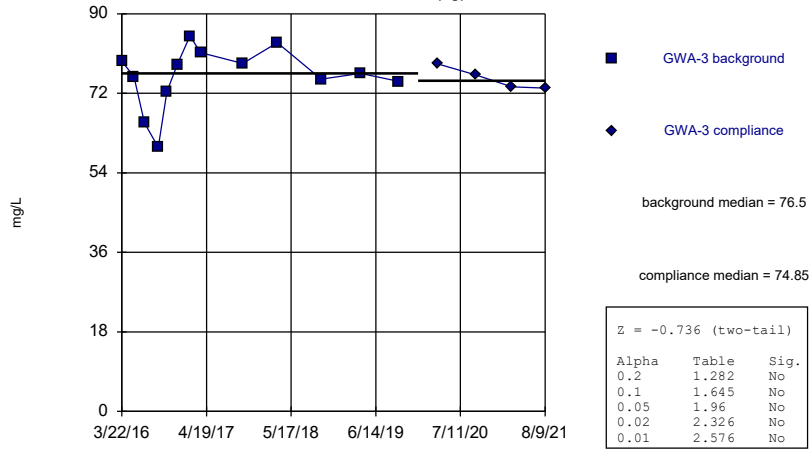
Mann-Whitney (Wilcoxon Rank Sum)



Constituent: Calcium Analysis Run 3/25/2022 2:36 PM View: App III Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)

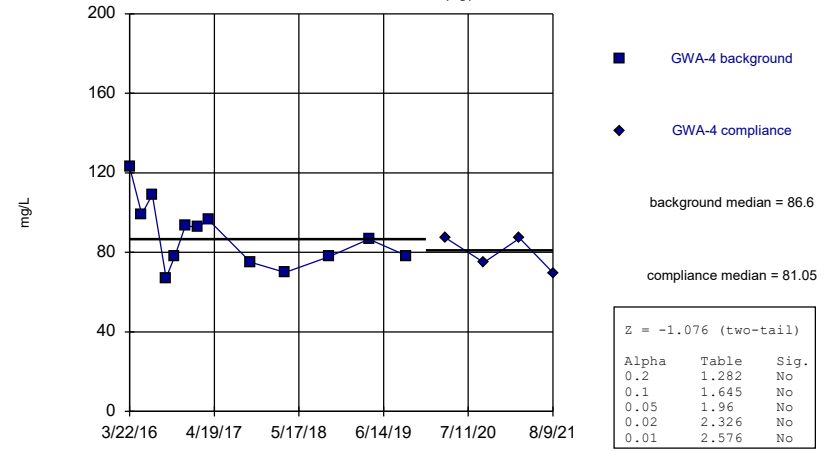
GWA-3 (bg)



Constituent: Calcium Analysis Run 3/25/2022 2:36 PM View: App III Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)

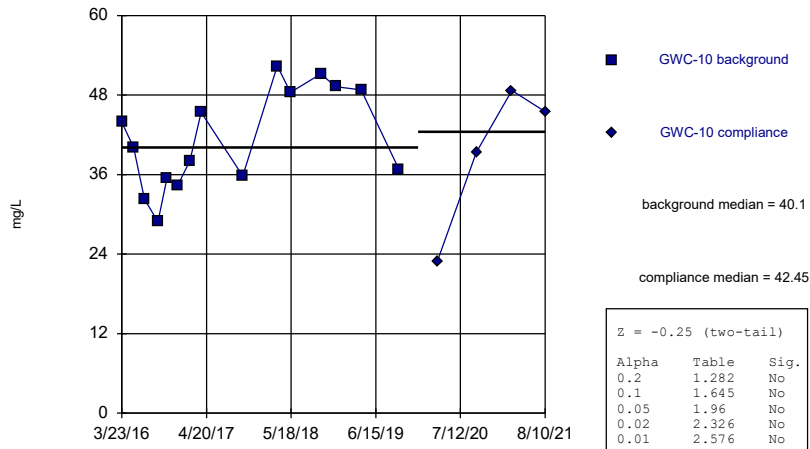
GWA-4 (bg)



Constituent: Calcium Analysis Run 3/25/2022 2:37 PM View: App III Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)

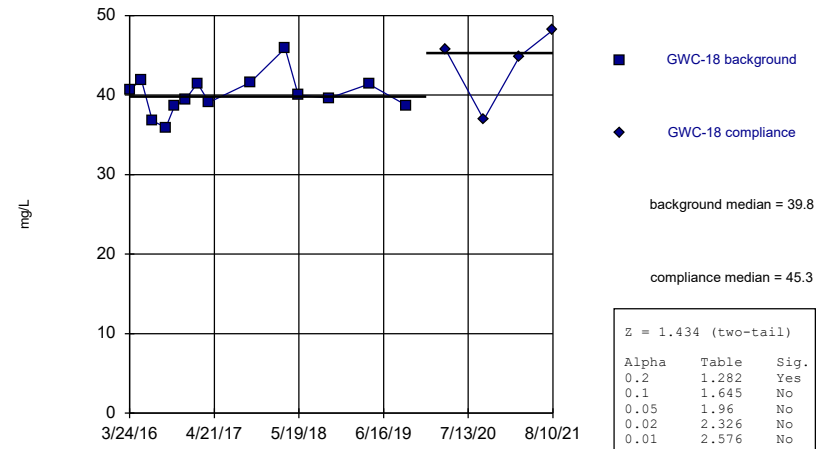
GWC-10



Constituent: Calcium Analysis Run 3/25/2022 2:37 PM View: App III Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

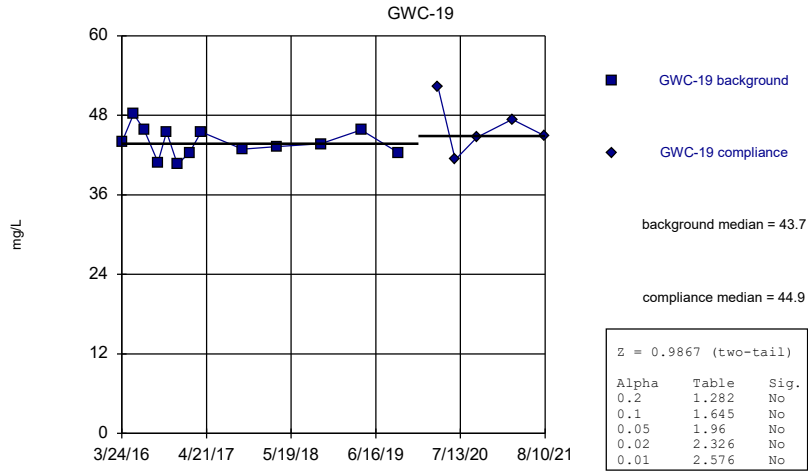
Mann-Whitney (Wilcoxon Rank Sum)

GWC-18



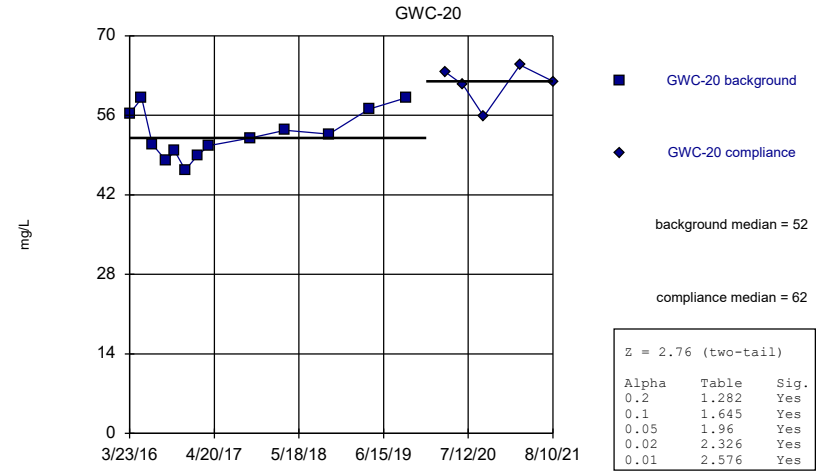
Constituent: Calcium Analysis Run 3/25/2022 2:37 PM View: App III Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



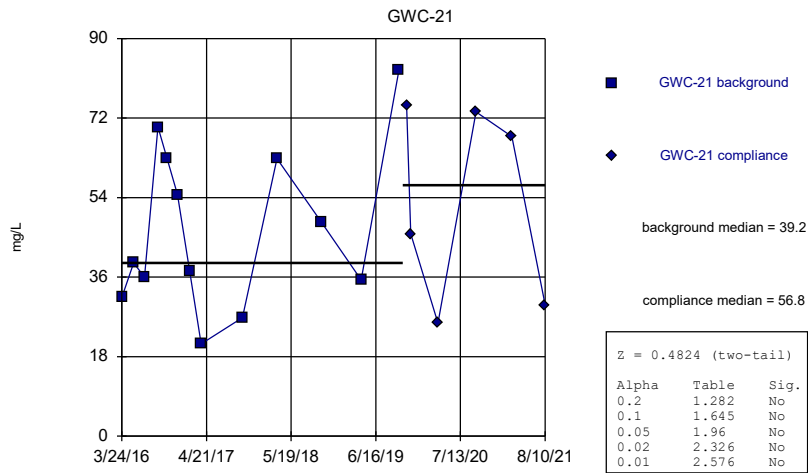
Constituent: Calcium Analysis Run 3/25/2022 2:37 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



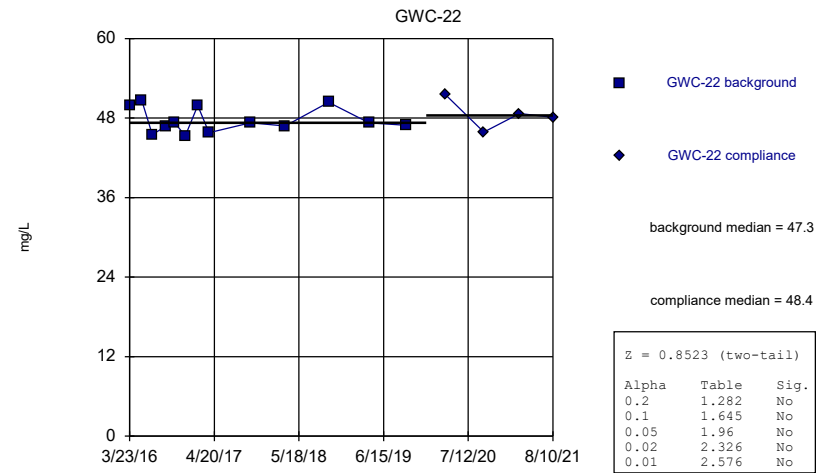
Constituent: Calcium Analysis Run 3/25/2022 2:37 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



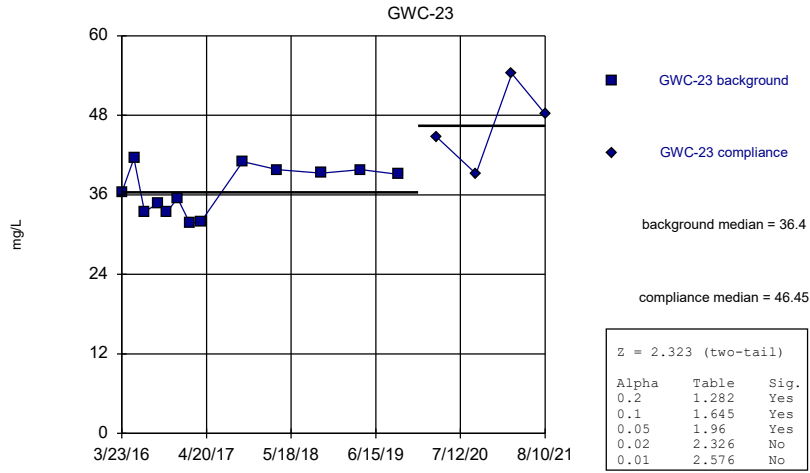
Constituent: Calcium Analysis Run 3/25/2022 2:37 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



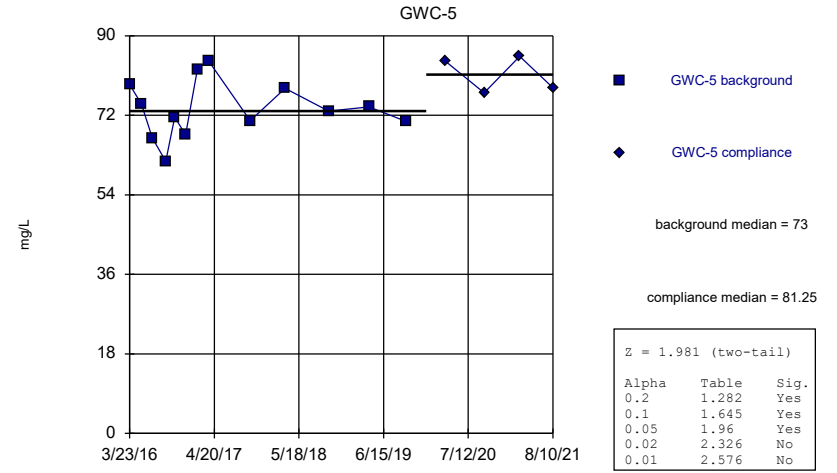
Constituent: Calcium Analysis Run 3/25/2022 2:37 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



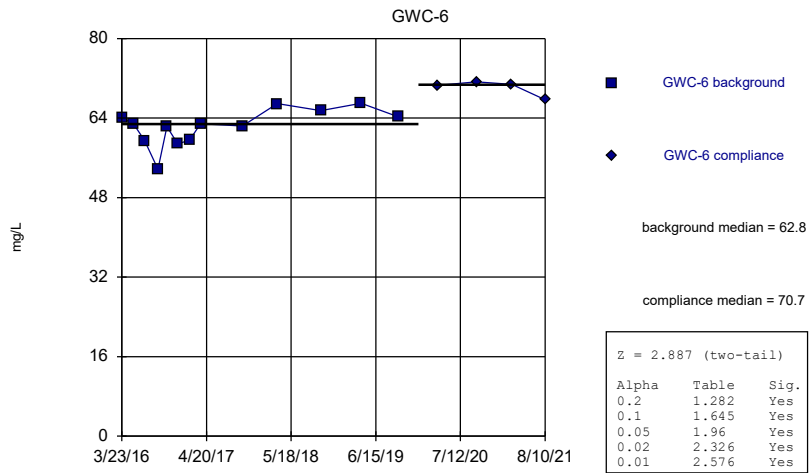
Constituent: Calcium Analysis Run 3/25/2022 2:37 PM View: App III Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



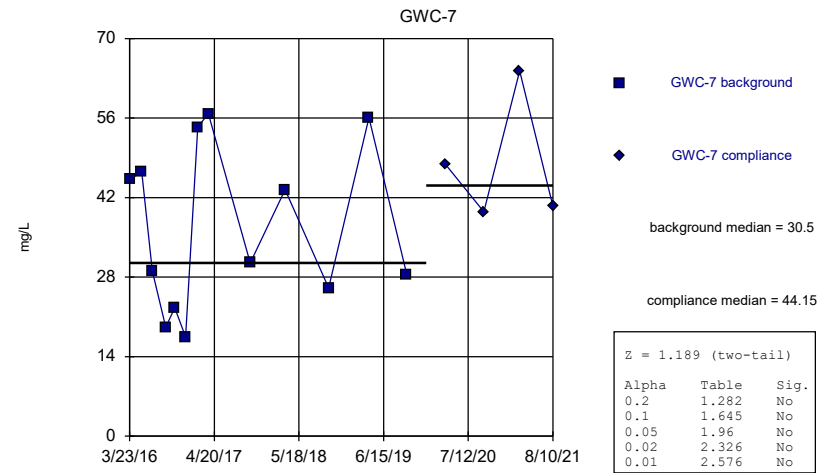
Constituent: Calcium Analysis Run 3/25/2022 2:37 PM View: App III Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



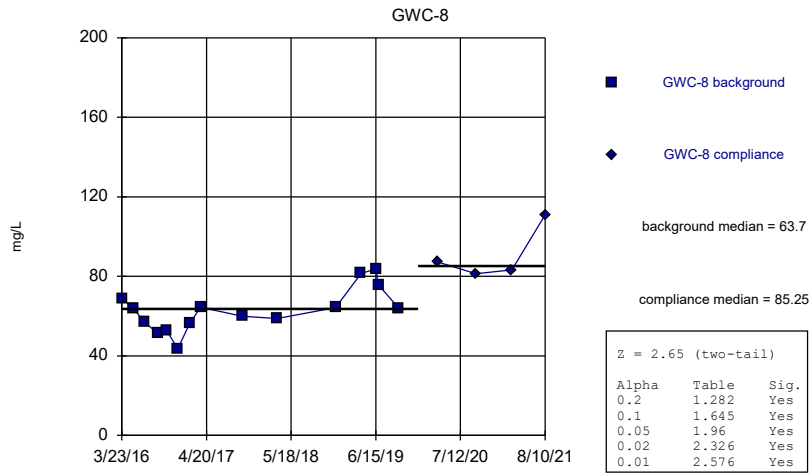
Constituent: Calcium Analysis Run 3/25/2022 2:37 PM View: App III Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



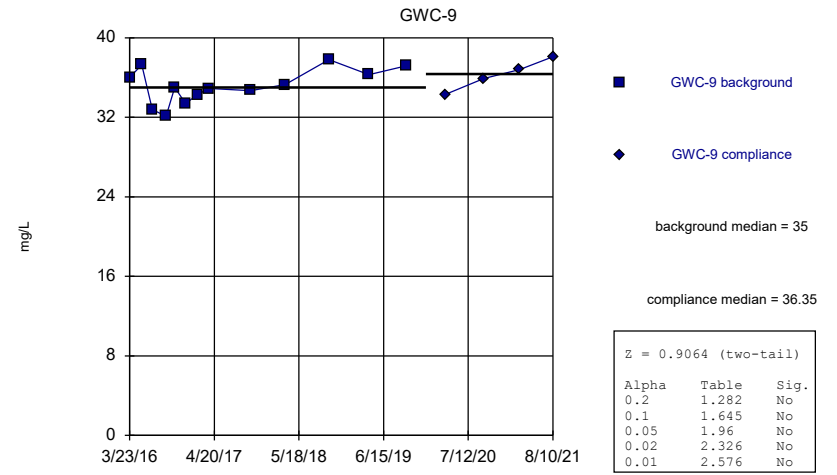
Constituent: Calcium Analysis Run 3/25/2022 2:37 PM View: App III Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



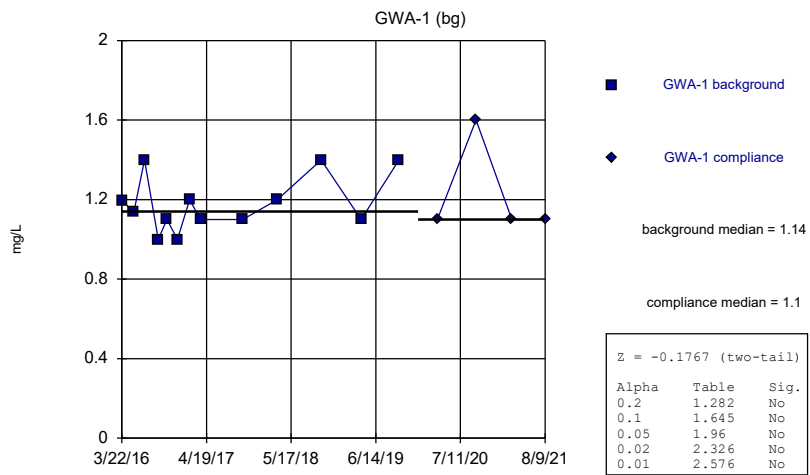
Constituent: Calcium Analysis Run 3/25/2022 2:37 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



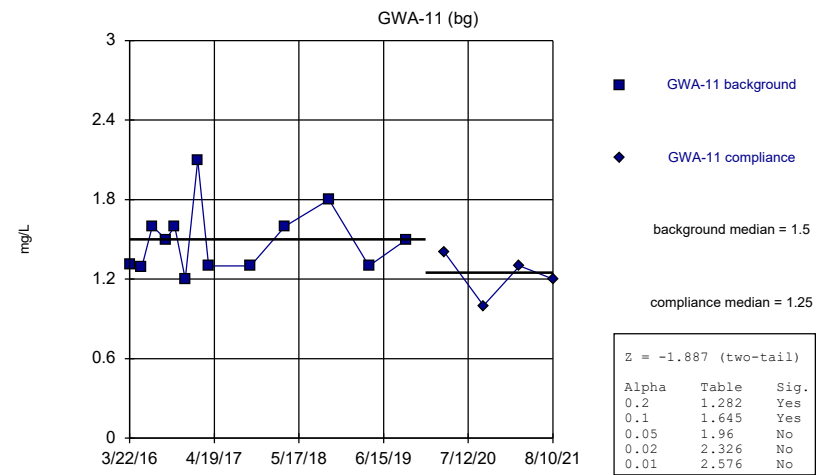
Constituent: Calcium Analysis Run 3/25/2022 2:37 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



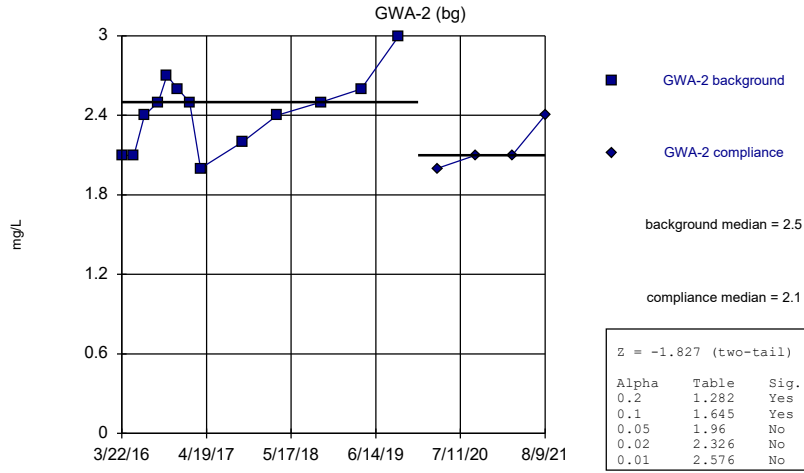
Constituent: Chloride Analysis Run 3/25/2022 2:37 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



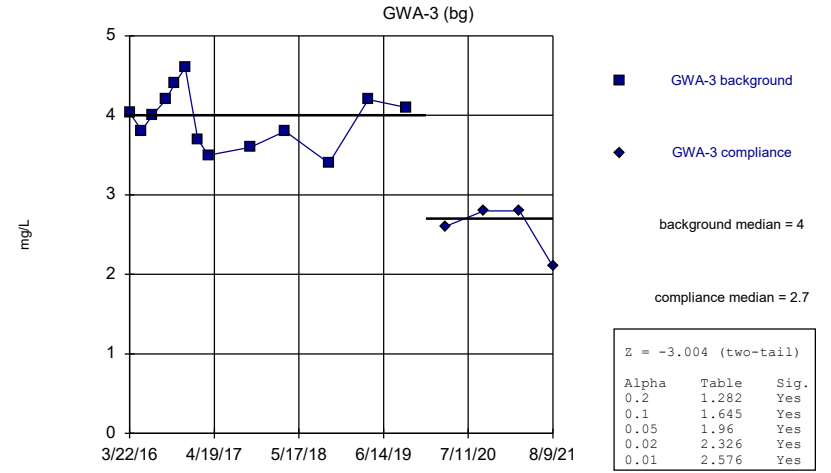
Constituent: Chloride Analysis Run 3/25/2022 2:37 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



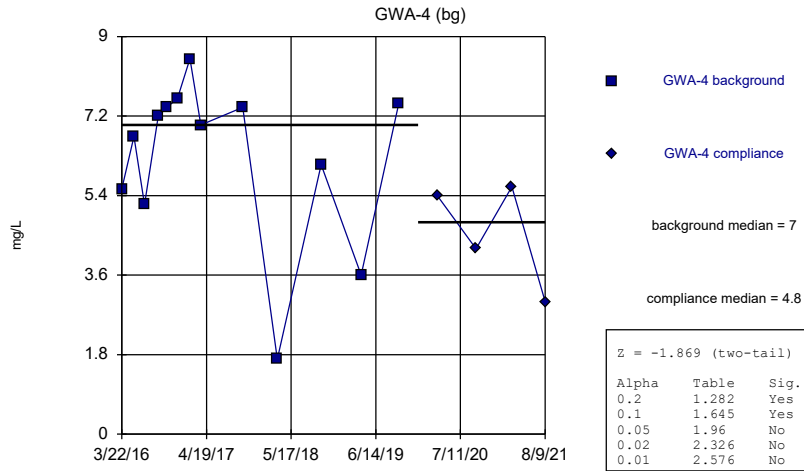
Constituent: Chloride Analysis Run 3/25/2022 2:37 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



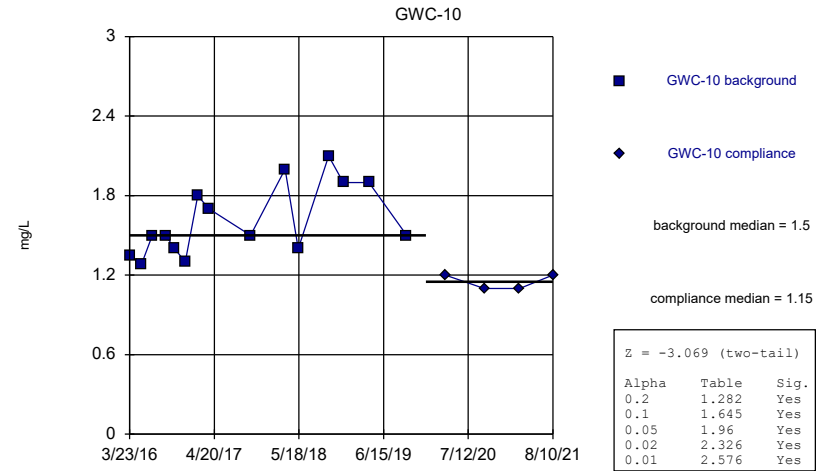
Constituent: Chloride Analysis Run 3/25/2022 2:37 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



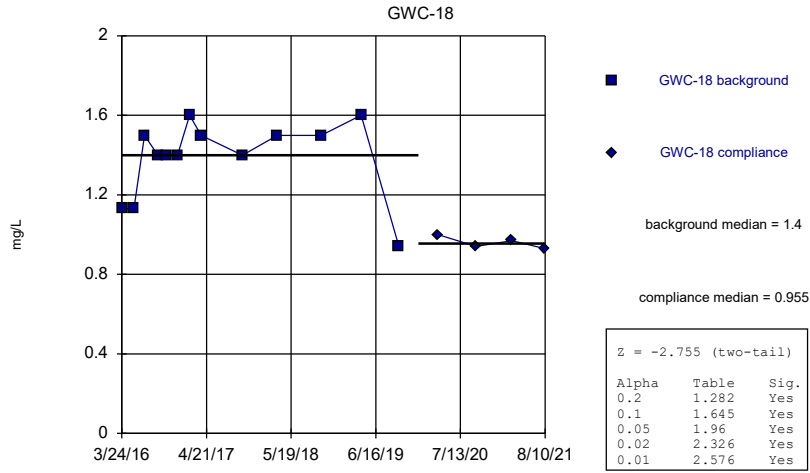
Constituent: Chloride Analysis Run 3/25/2022 2:37 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



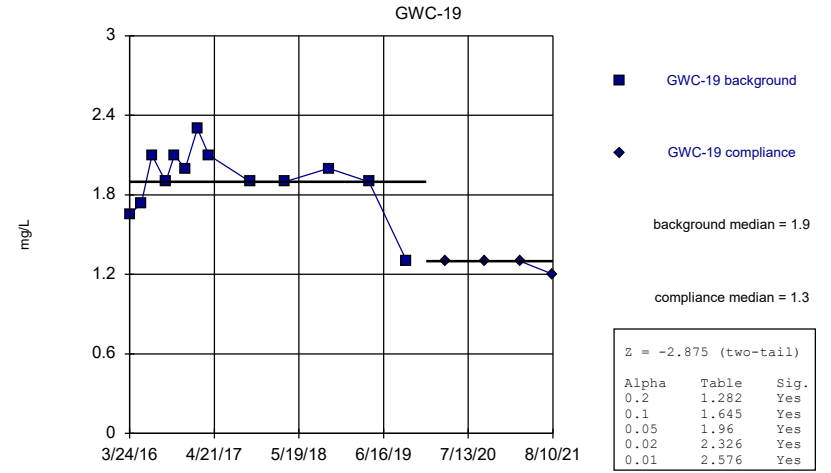
Constituent: Chloride Analysis Run 3/25/2022 2:37 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



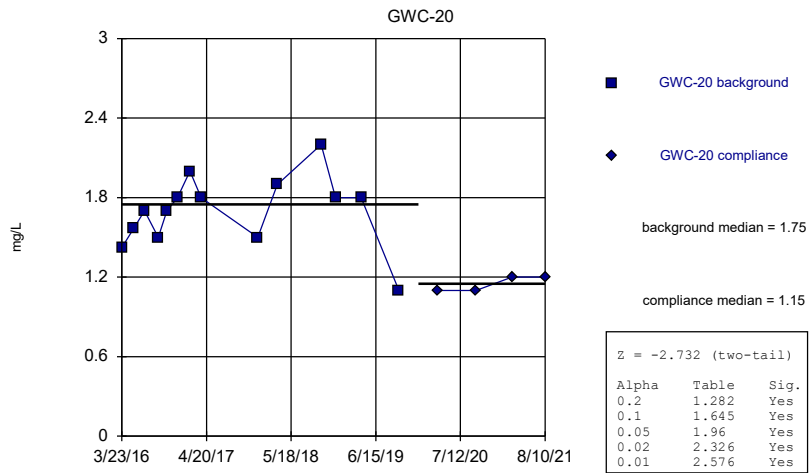
Constituent: Chloride Analysis Run 3/25/2022 2:37 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



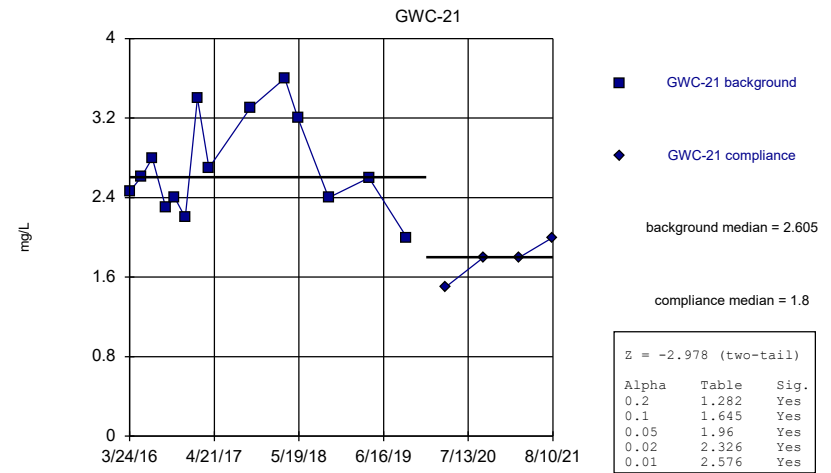
Constituent: Chloride Analysis Run 3/25/2022 2:37 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



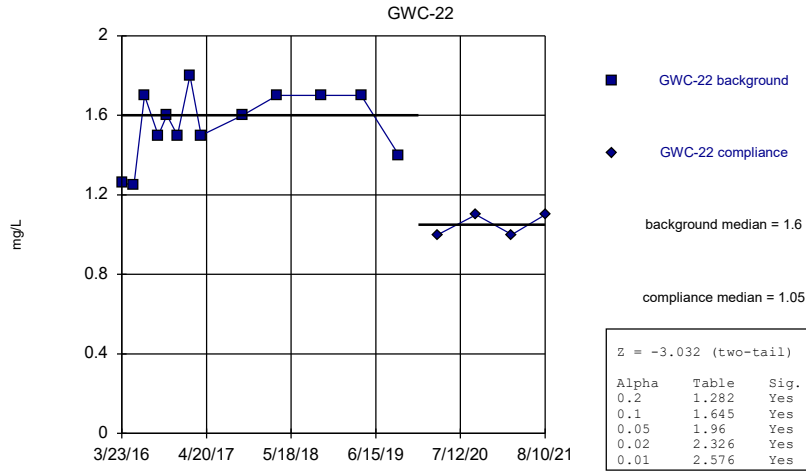
Constituent: Chloride Analysis Run 3/25/2022 2:37 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



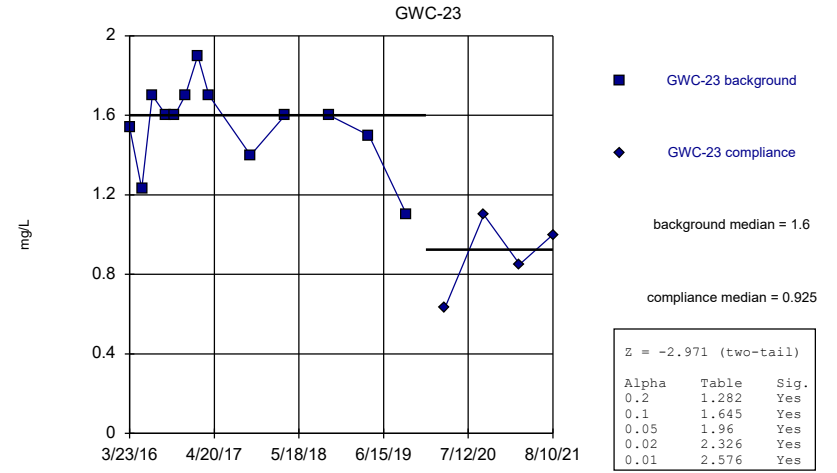
Constituent: Chloride Analysis Run 3/25/2022 2:37 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



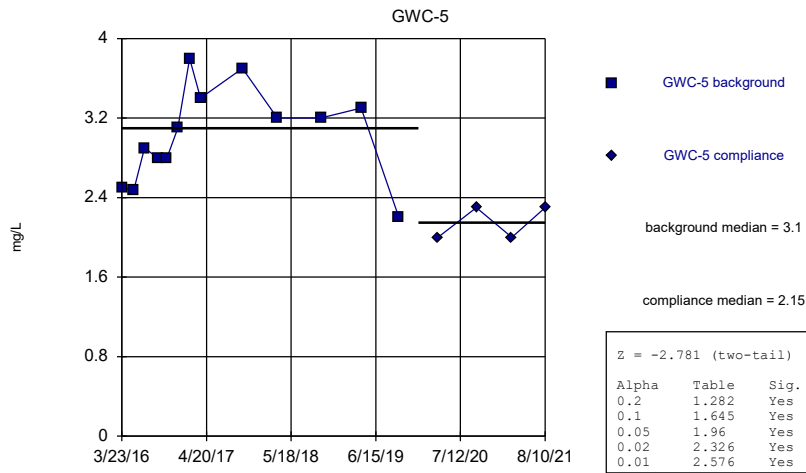
Constituent: Chloride Analysis Run 3/25/2022 2:37 PM View: App III Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



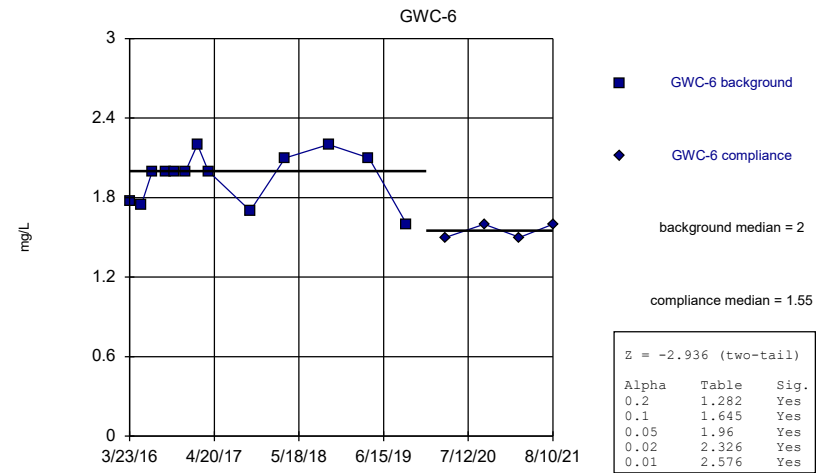
Constituent: Chloride Analysis Run 3/25/2022 2:37 PM View: App III Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



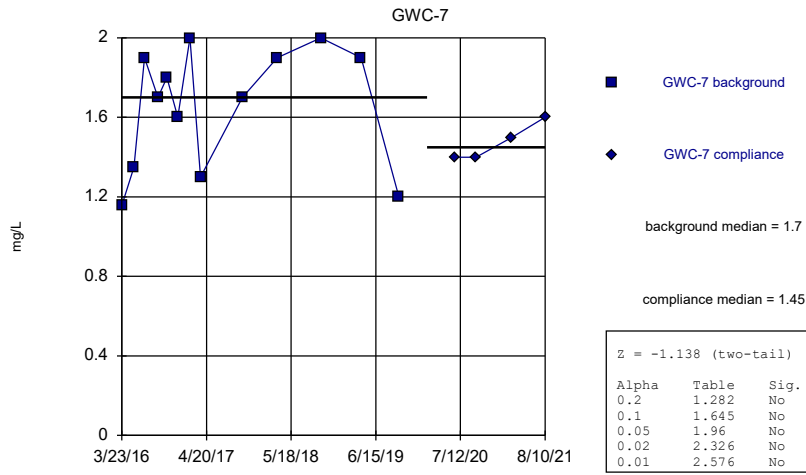
Constituent: Chloride Analysis Run 3/25/2022 2:37 PM View: App III Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



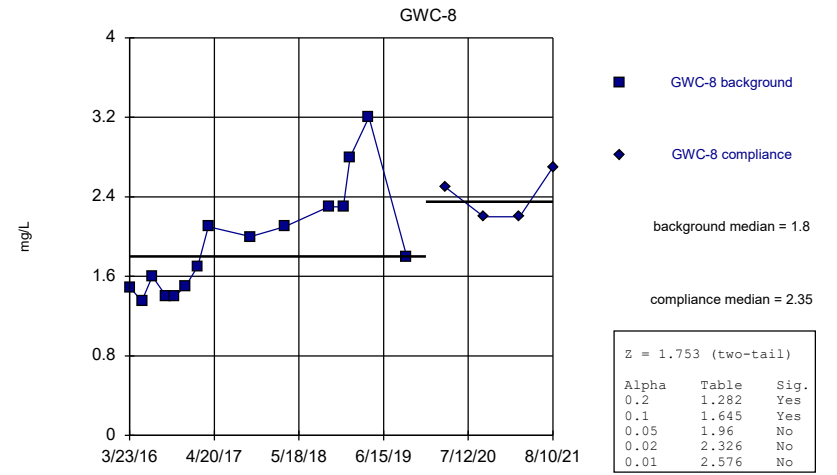
Constituent: Chloride Analysis Run 3/25/2022 2:37 PM View: App III Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



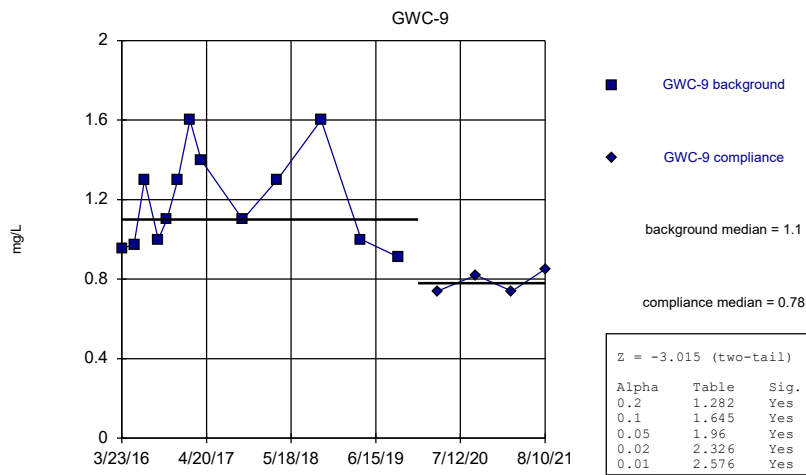
Constituent: Chloride Analysis Run 3/25/2022 2:37 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



Constituent: Chloride Analysis Run 3/25/2022 2:37 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

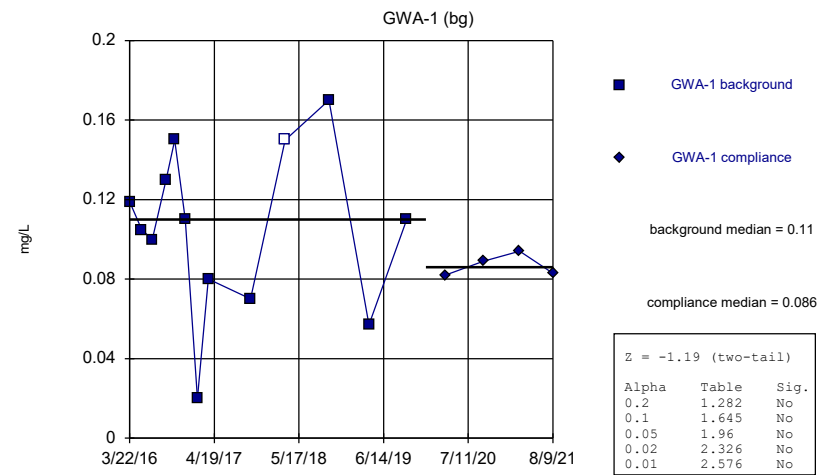
Mann-Whitney (Wilcoxon Rank Sum)



Constituent: Chloride Analysis Run 3/25/2022 2:37 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

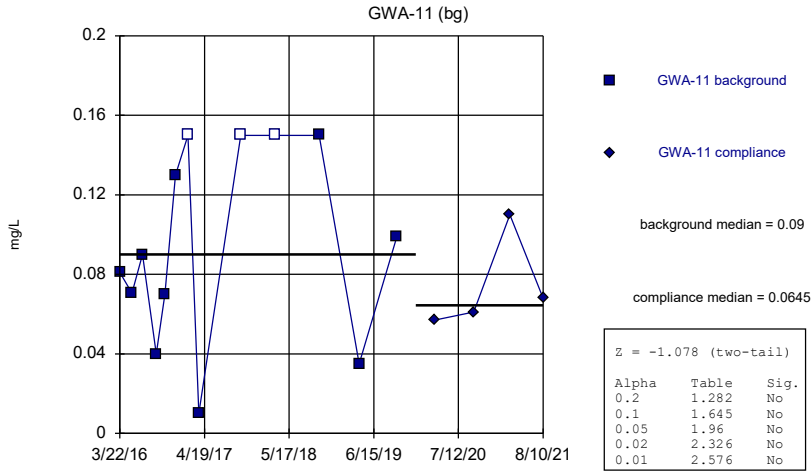
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)



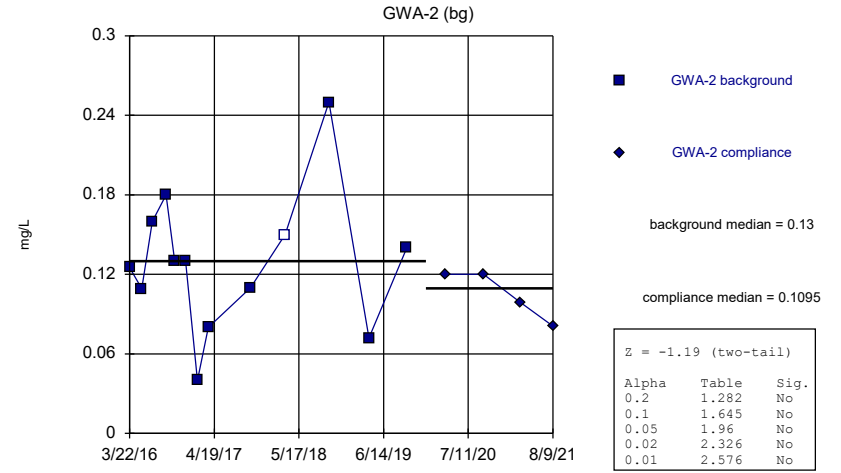
Constituent: Fluoride Analysis Run 3/25/2022 2:37 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



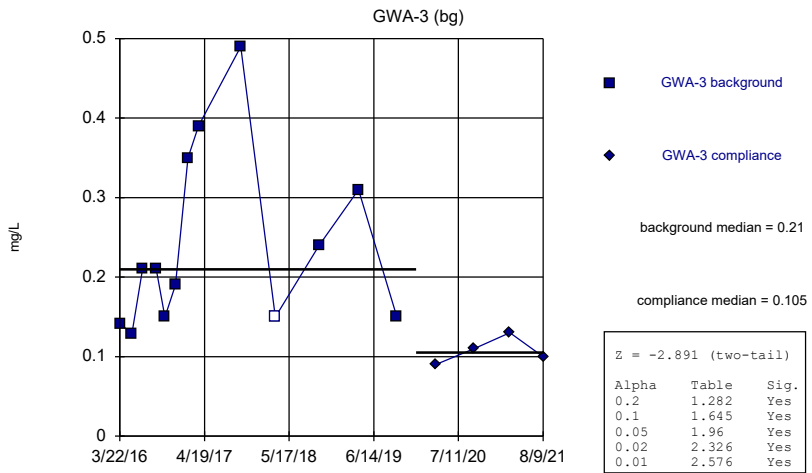
Constituent: Fluoride Analysis Run 3/25/2022 2:37 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



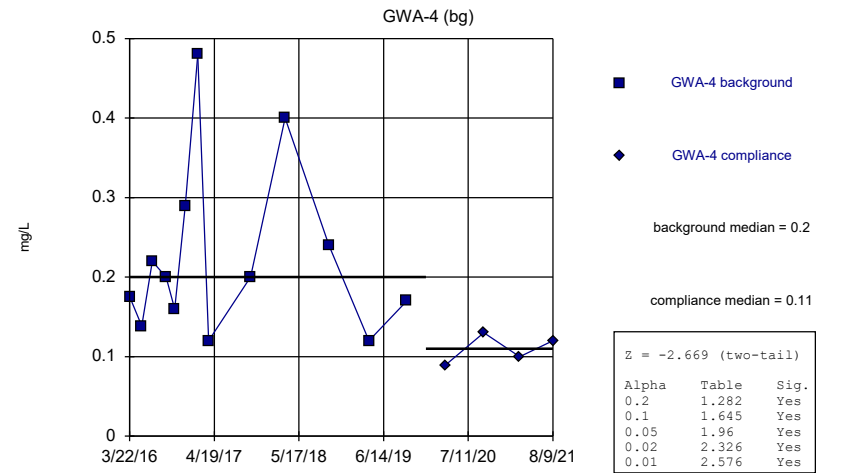
Constituent: Fluoride Analysis Run 3/25/2022 2:37 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



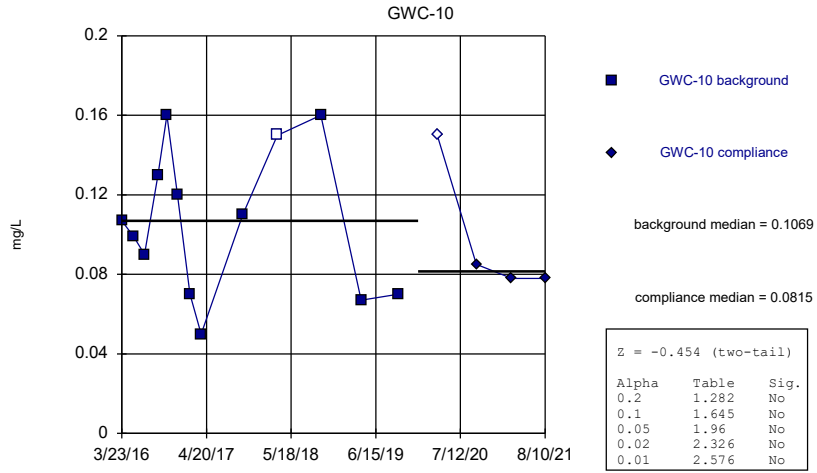
Constituent: Fluoride Analysis Run 3/25/2022 2:37 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



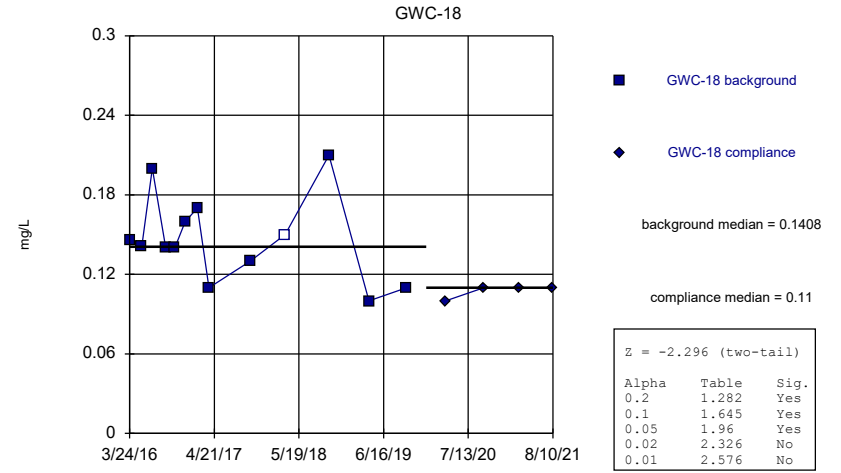
Constituent: Fluoride Analysis Run 3/25/2022 2:37 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



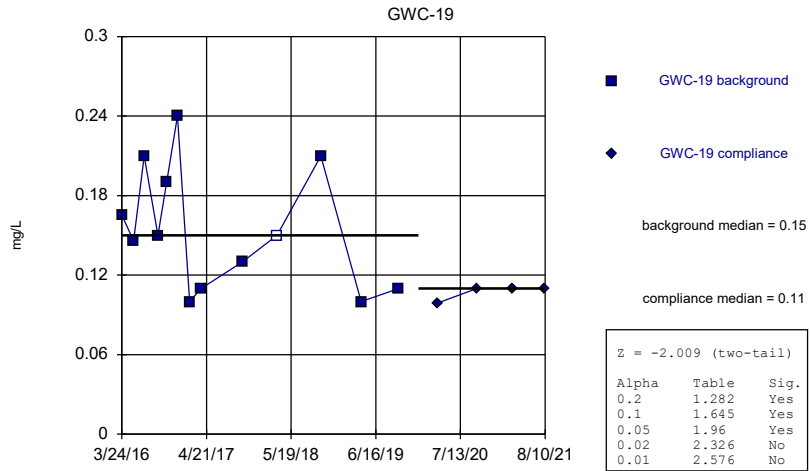
Constituent: Fluoride Analysis Run 3/25/2022 2:37 PM View: App III Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



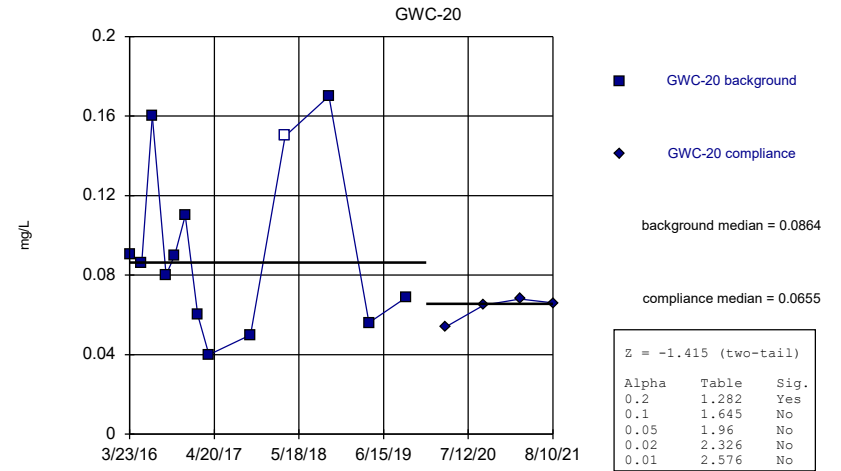
Constituent: Fluoride Analysis Run 3/25/2022 2:37 PM View: App III Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



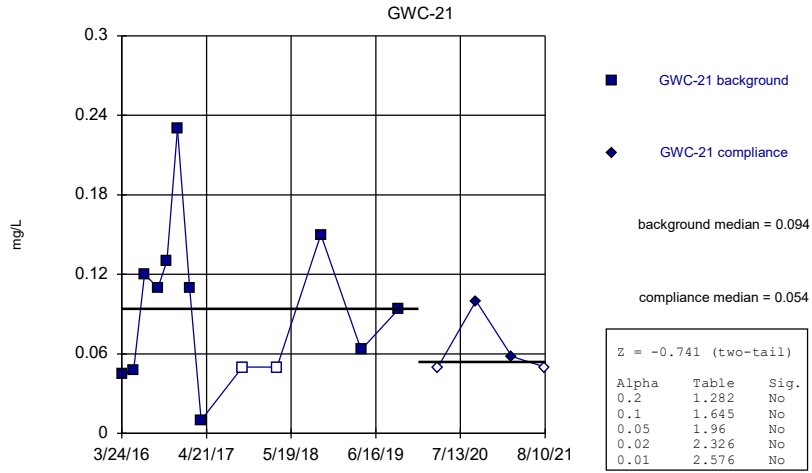
Constituent: Fluoride Analysis Run 3/25/2022 2:37 PM View: App III Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



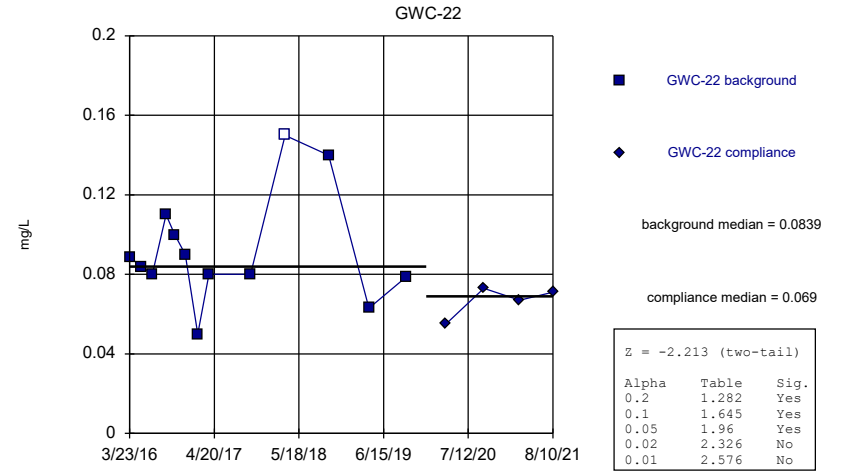
Constituent: Fluoride Analysis Run 3/25/2022 2:37 PM View: App III Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



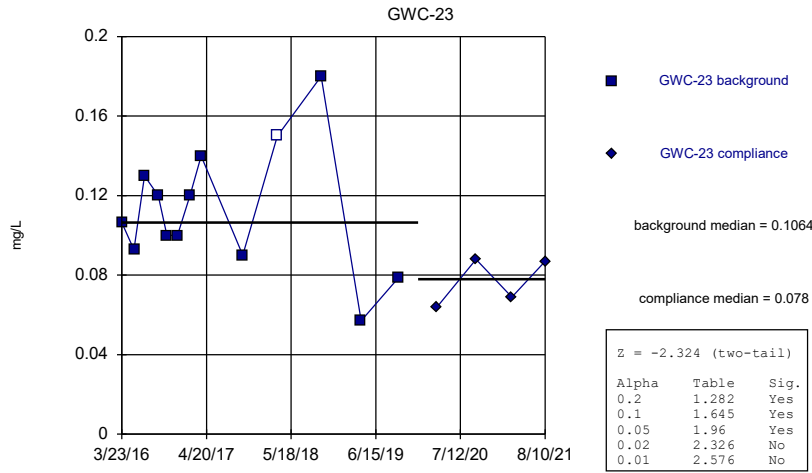
Constituent: Fluoride Analysis Run 3/25/2022 2:37 PM View: App III Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



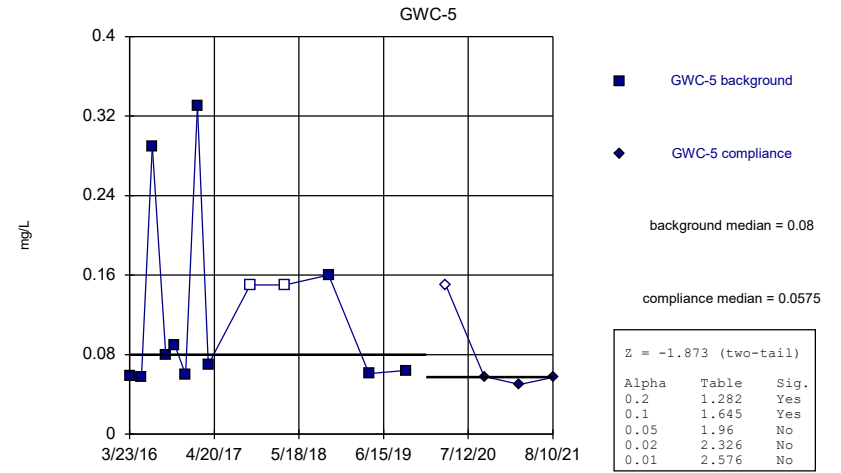
Constituent: Fluoride Analysis Run 3/25/2022 2:37 PM View: App III Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



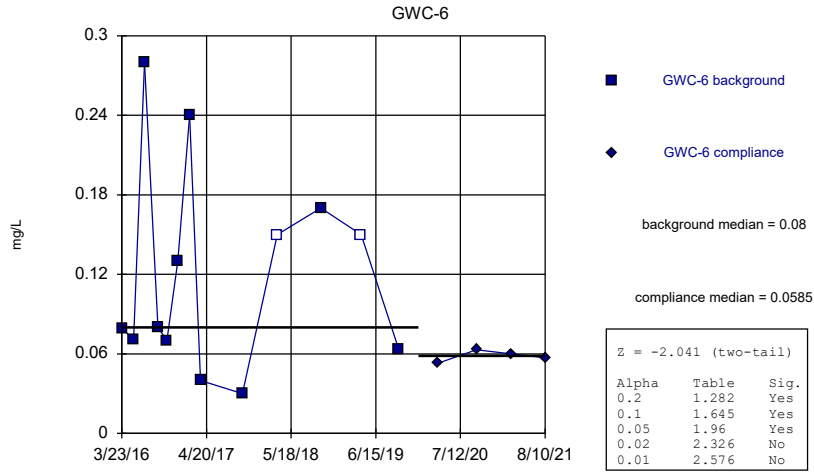
Constituent: Fluoride Analysis Run 3/25/2022 2:37 PM View: App III Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



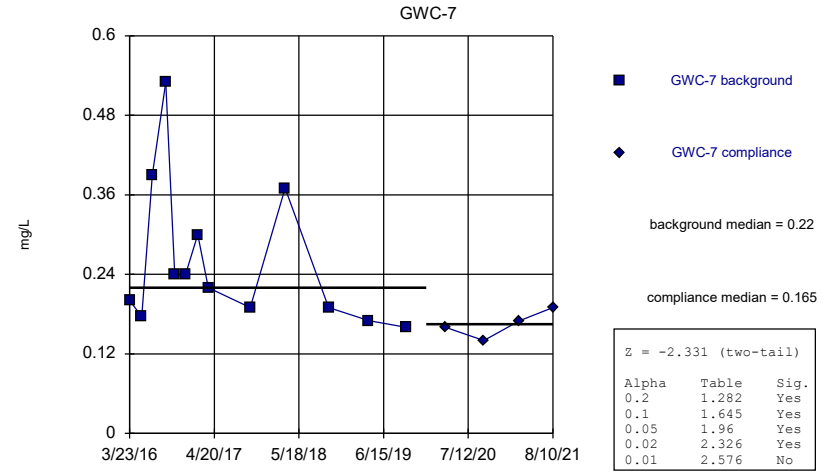
Constituent: Fluoride Analysis Run 3/25/2022 2:37 PM View: App III Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



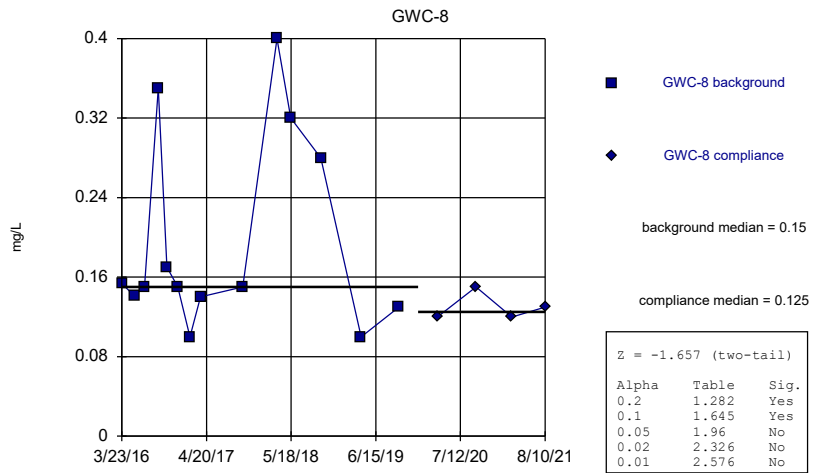
Constituent: Fluoride Analysis Run 3/25/2022 2:37 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



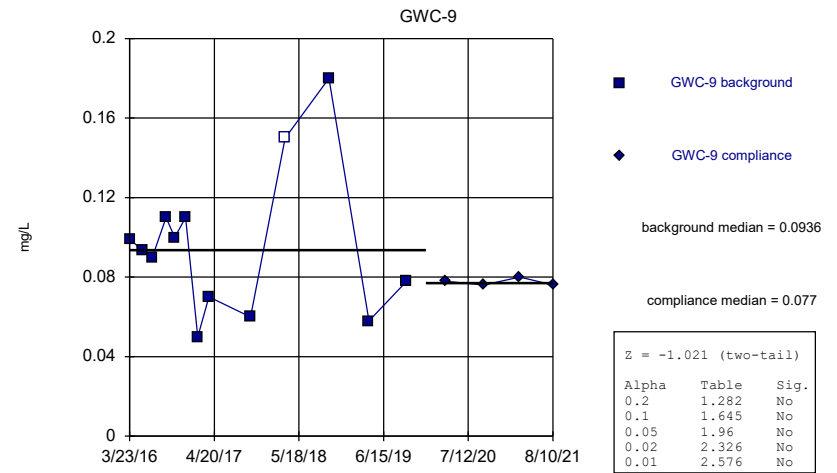
Constituent: Fluoride Analysis Run 3/25/2022 2:37 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



Constituent: Fluoride Analysis Run 3/25/2022 2:37 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

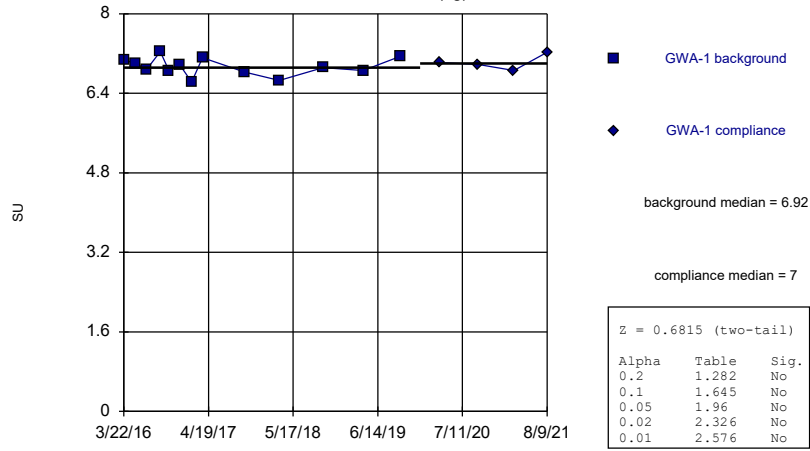
Mann-Whitney (Wilcoxon Rank Sum)



Constituent: Fluoride Analysis Run 3/25/2022 2:37 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)

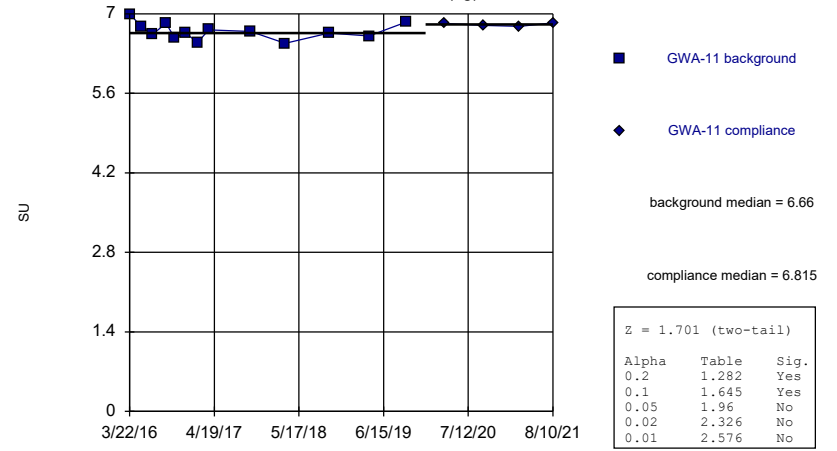
GWA-1 (bg)



Constituent: pH Analysis Run 3/25/2022 2:37 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)

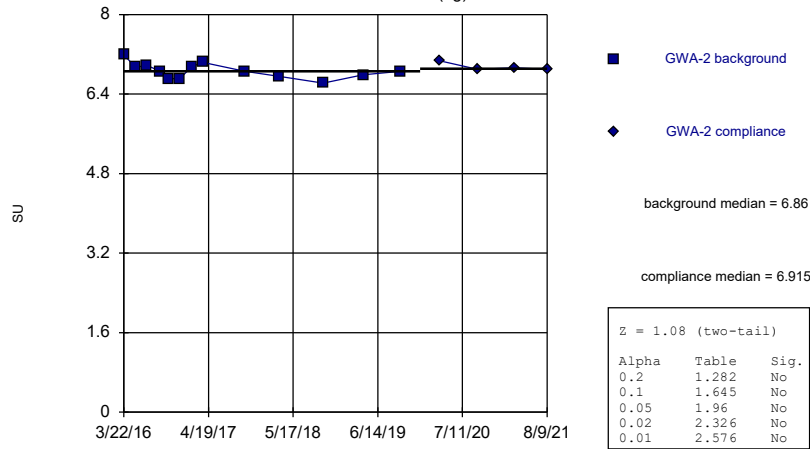
GWA-11 (bg)



Constituent: pH Analysis Run 3/25/2022 2:37 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)

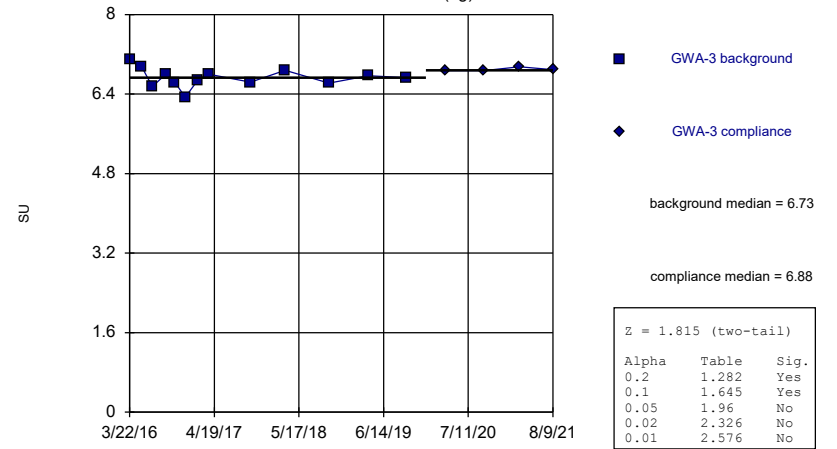
GWA-2 (bg)



Constituent: pH Analysis Run 3/25/2022 2:37 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

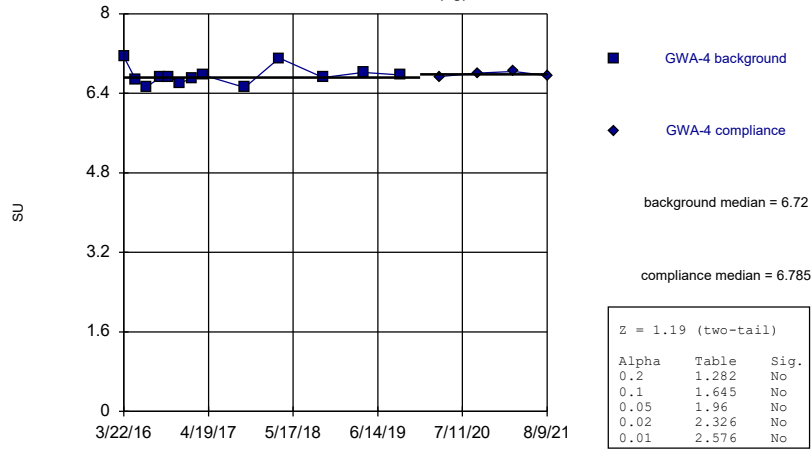
Mann-Whitney (Wilcoxon Rank Sum)

GWA-3 (bg)



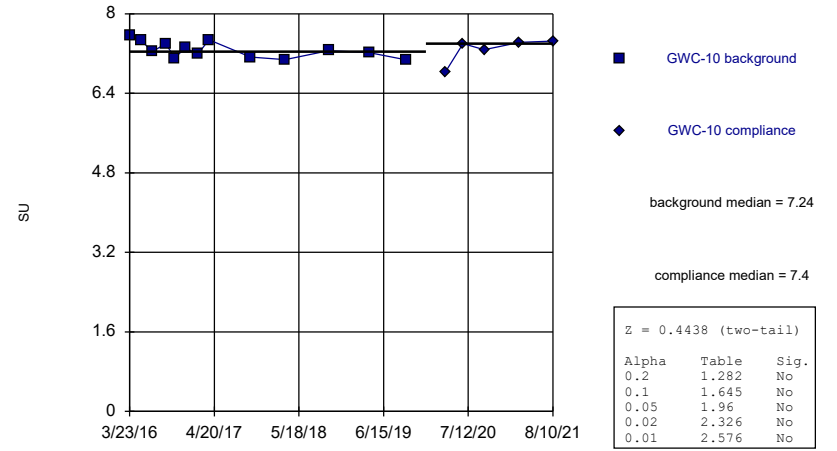
Constituent: pH Analysis Run 3/25/2022 2:37 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)
GWA-4 (bg)



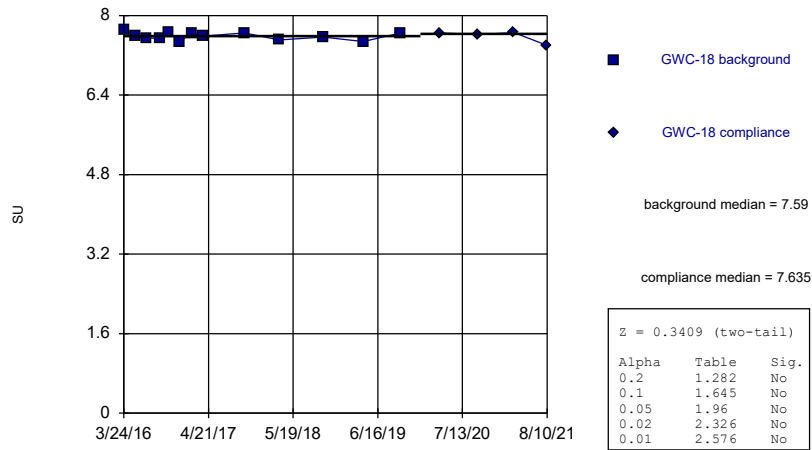
Constituent: pH Analysis Run 3/25/2022 2:37 PM View: App III Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)
GWC-10



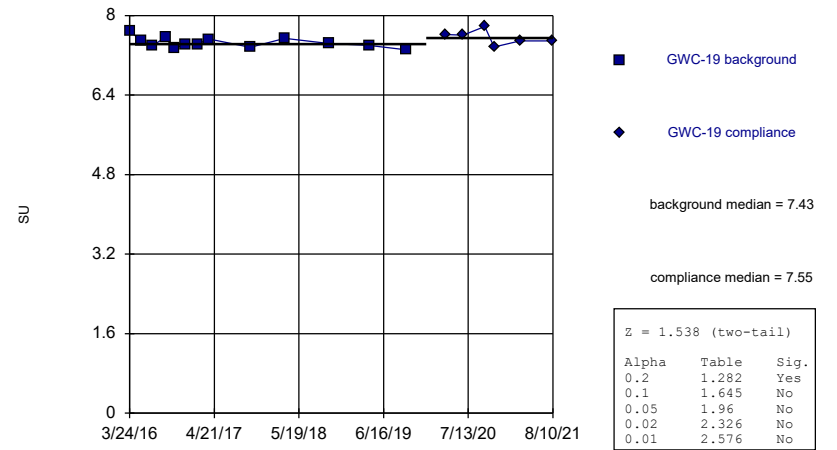
Constituent: pH Analysis Run 3/25/2022 2:37 PM View: App III Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)
GWC-18



Constituent: pH Analysis Run 3/25/2022 2:37 PM View: App III Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

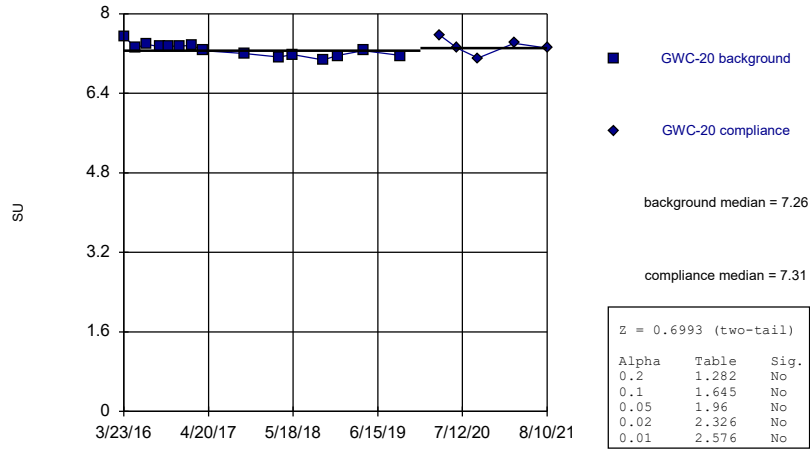
Mann-Whitney (Wilcoxon Rank Sum)
GWC-19



Constituent: pH Analysis Run 3/25/2022 2:37 PM View: App III Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)

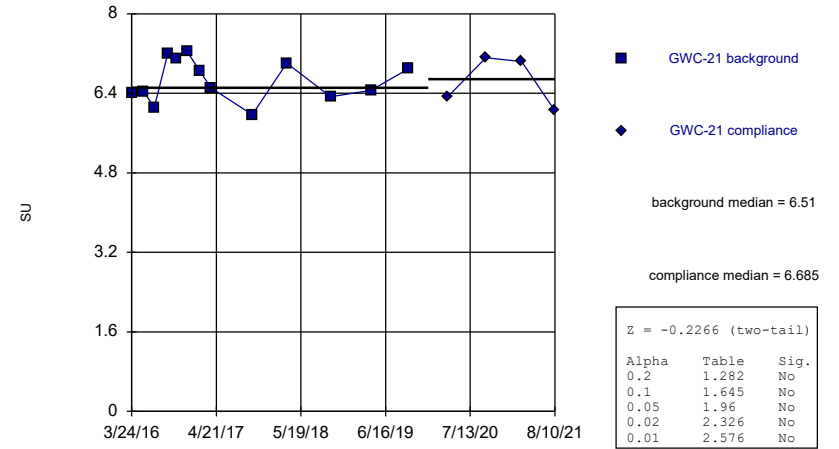
GWC-20



Constituent: pH Analysis Run 3/25/2022 2:37 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)

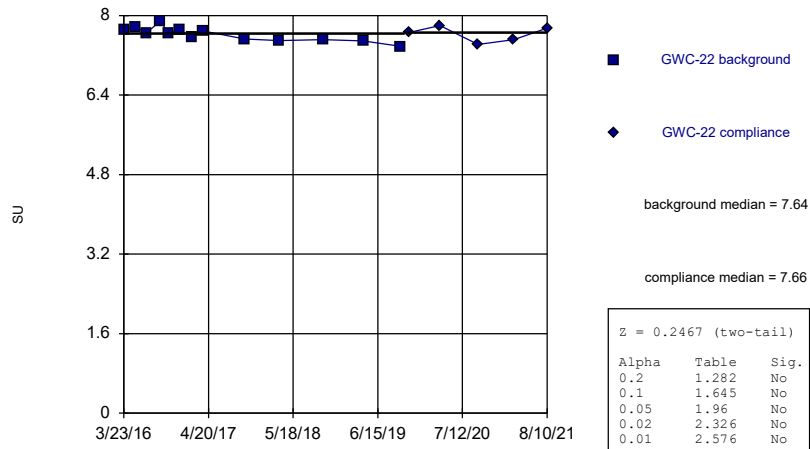
GWC-21



Constituent: pH Analysis Run 3/25/2022 2:37 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)

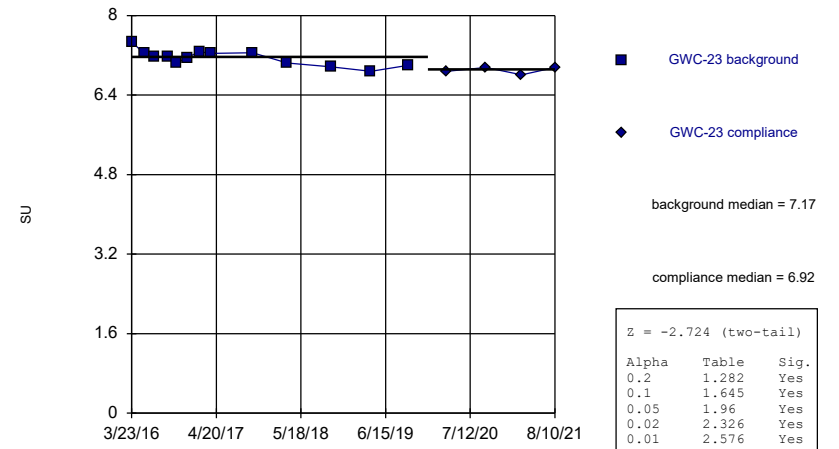
GWC-22



Constituent: pH Analysis Run 3/25/2022 2:37 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)

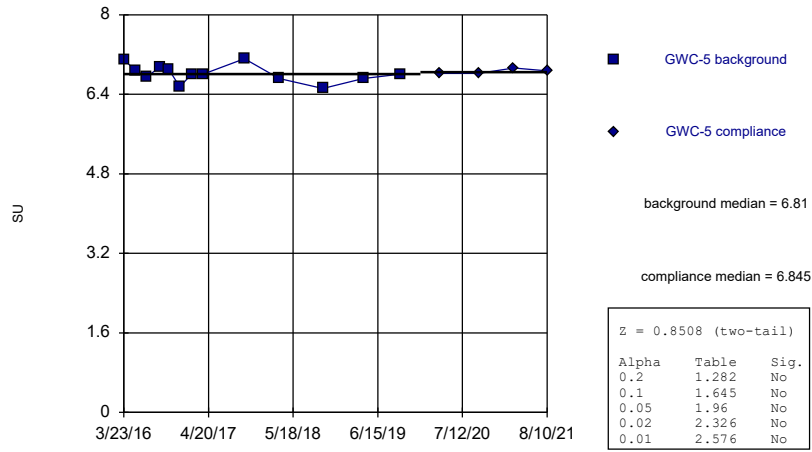
GWC-23



Constituent: pH Analysis Run 3/25/2022 2:37 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)

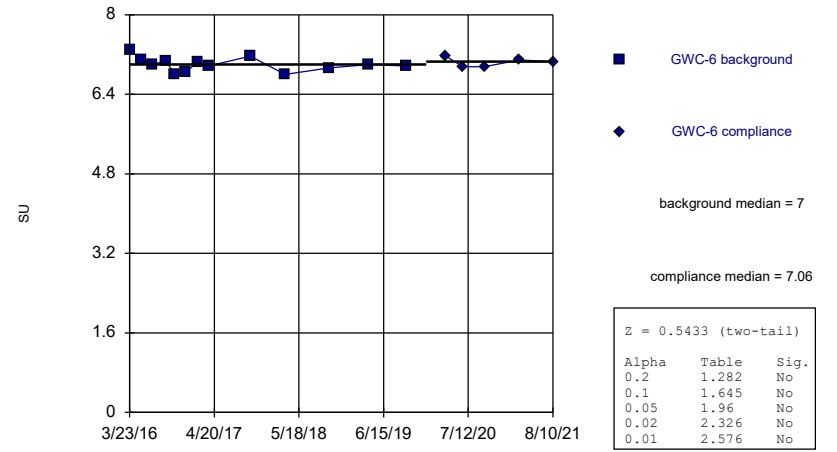
GWC-5



Constituent: pH Analysis Run 3/25/2022 2:37 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)

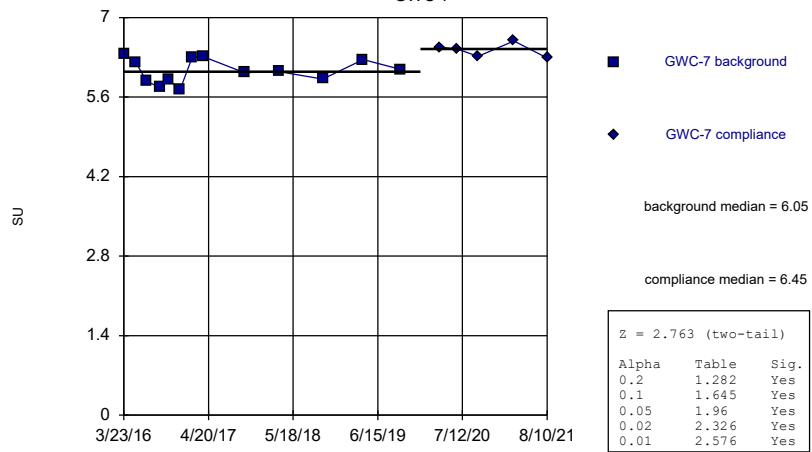
GWC-6



Constituent: pH Analysis Run 3/25/2022 2:37 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)

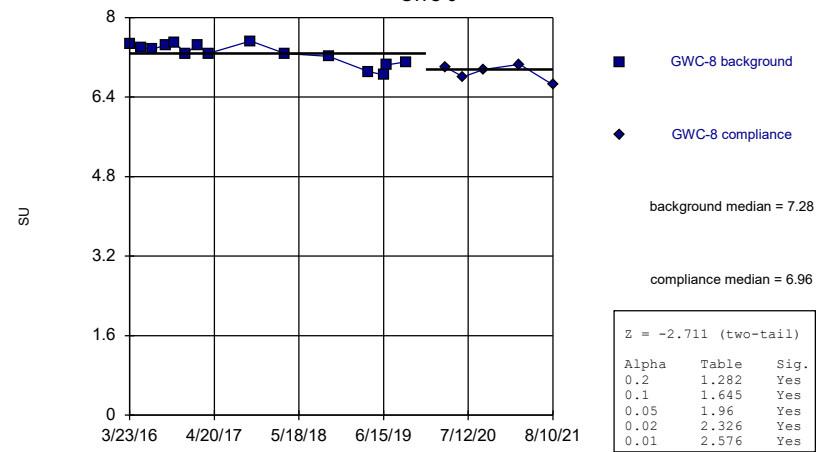
GWC-7



Constituent: pH Analysis Run 3/25/2022 2:37 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)

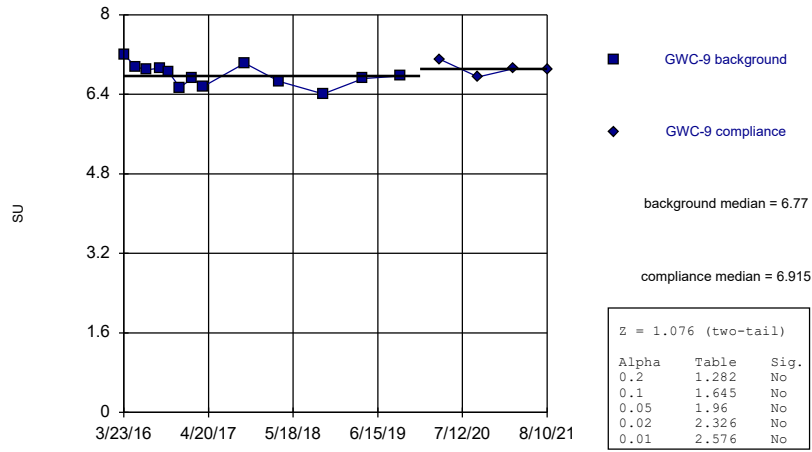
GWC-8



Constituent: pH Analysis Run 3/25/2022 2:37 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)

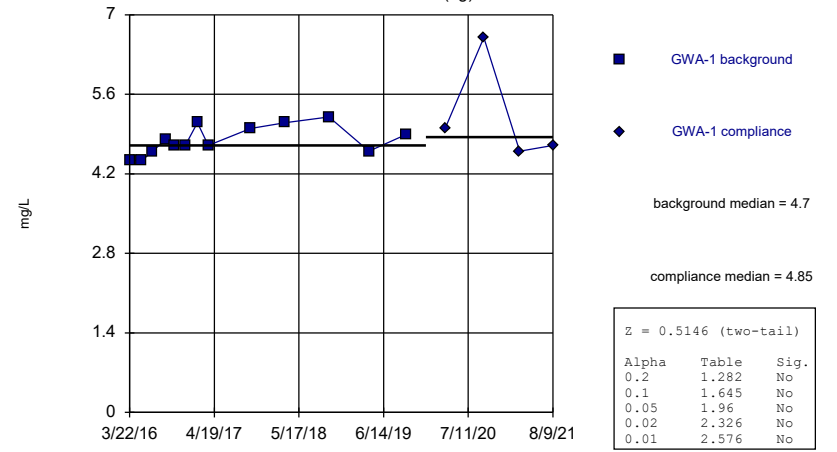
GWC-9



Constituent: pH Analysis Run 3/25/2022 2:38 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)

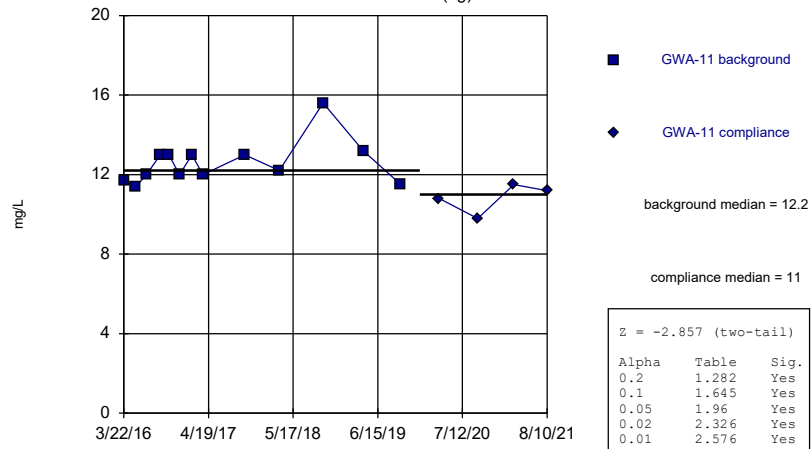
GWA-1 (bg)



Constituent: Sulfate Analysis Run 3/25/2022 2:38 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)

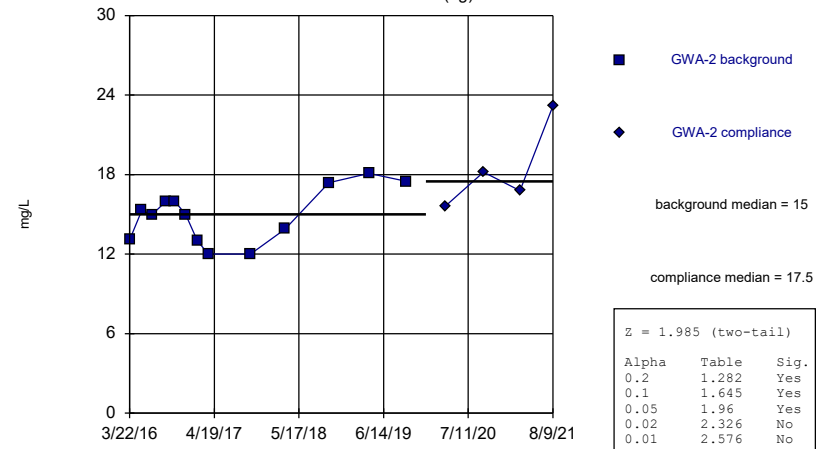
GWA-11 (bg)



Constituent: Sulfate Analysis Run 3/25/2022 2:38 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)

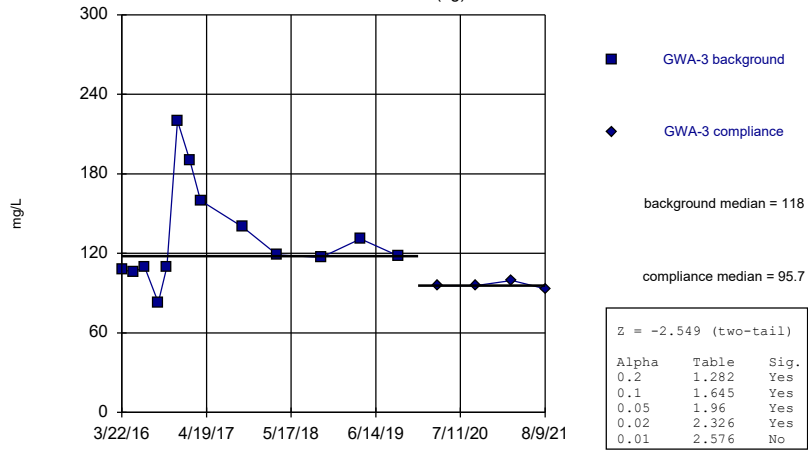
GWA-2 (bg)



Constituent: Sulfate Analysis Run 3/25/2022 2:38 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)

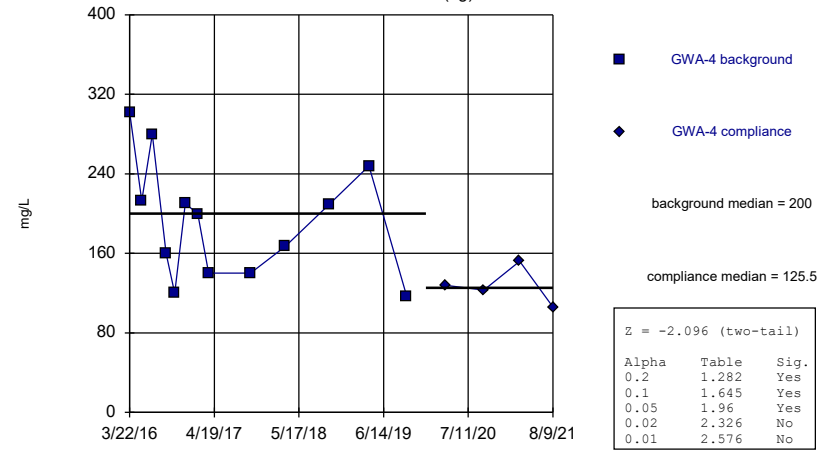
GWA-3 (bg)



Constituent: Sulfate Analysis Run 3/25/2022 2:38 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)

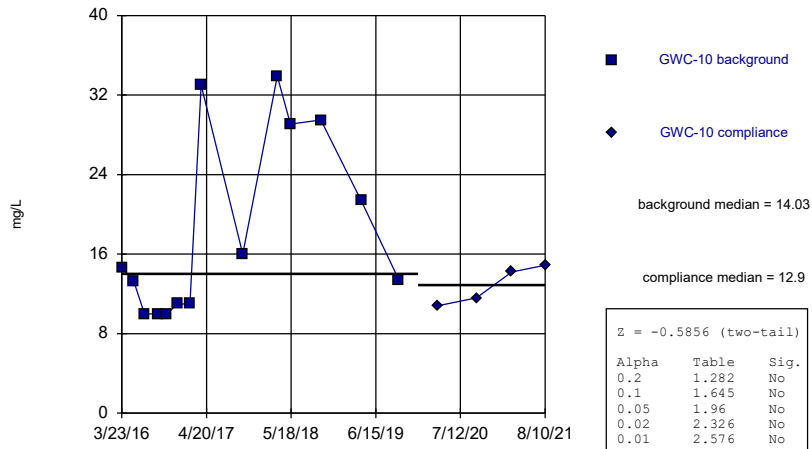
GWA-4 (bg)



Constituent: Sulfate Analysis Run 3/25/2022 2:38 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)

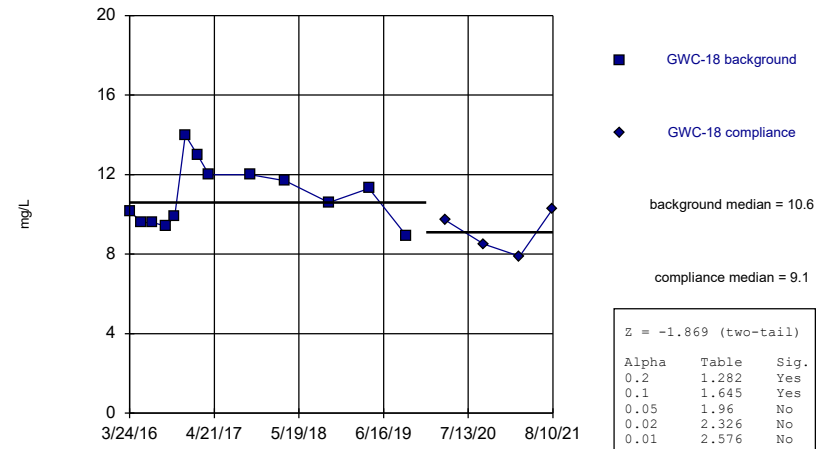
GWC-10



Constituent: Sulfate Analysis Run 3/25/2022 2:38 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

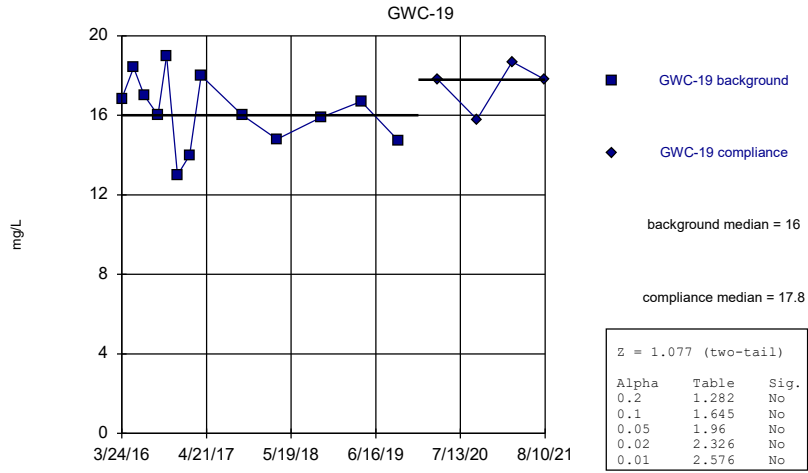
Mann-Whitney (Wilcoxon Rank Sum)

GWC-18



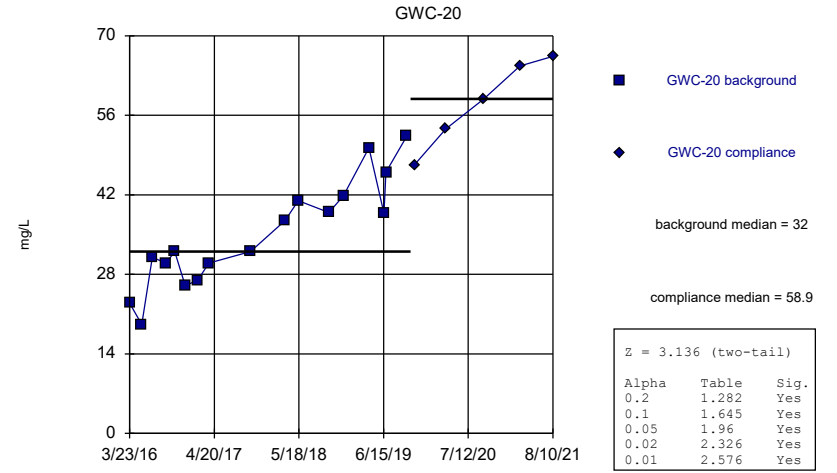
Constituent: Sulfate Analysis Run 3/25/2022 2:38 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



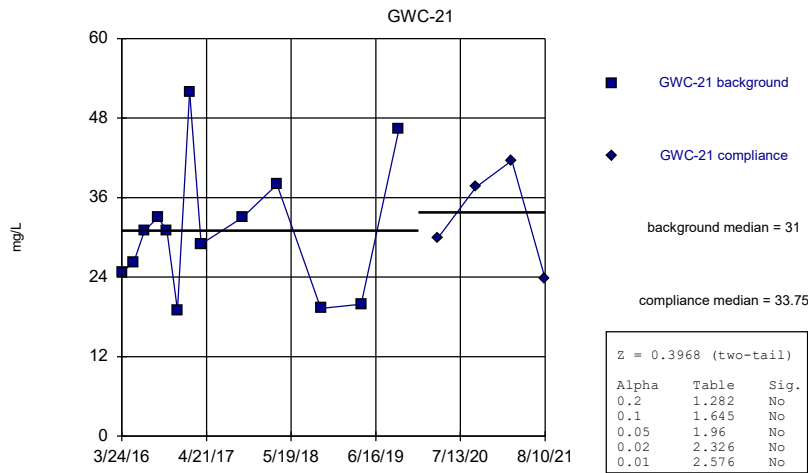
Constituent: Sulfate Analysis Run 3/25/2022 2:38 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



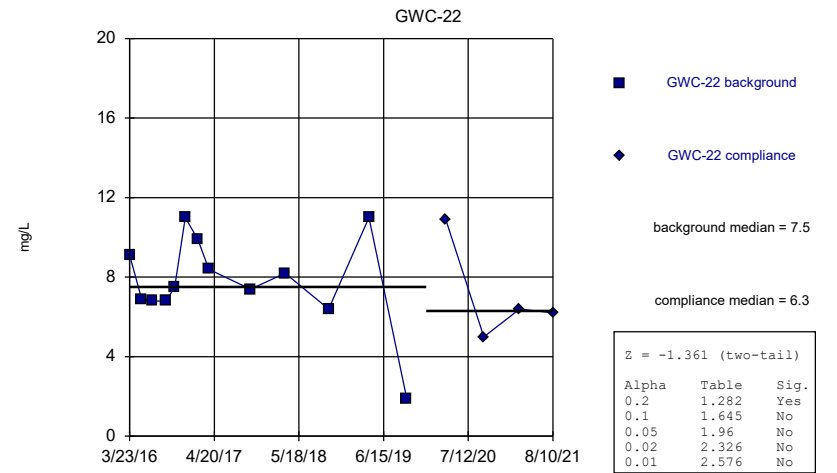
Constituent: Sulfate Analysis Run 3/25/2022 2:38 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



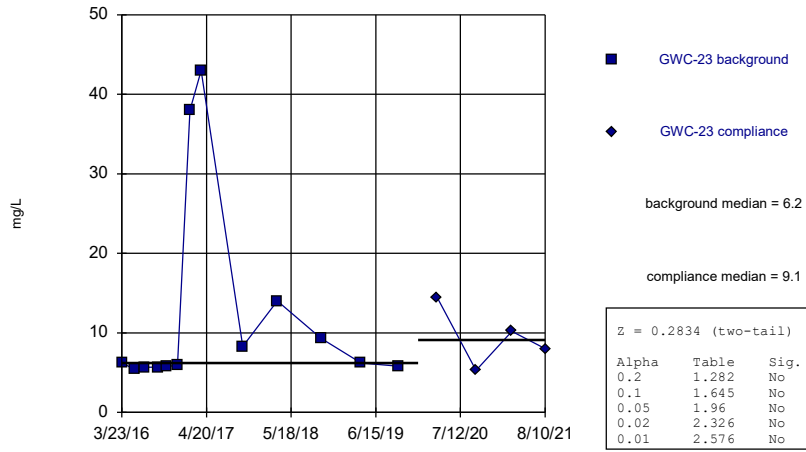
Constituent: Sulfate Analysis Run 3/25/2022 2:38 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



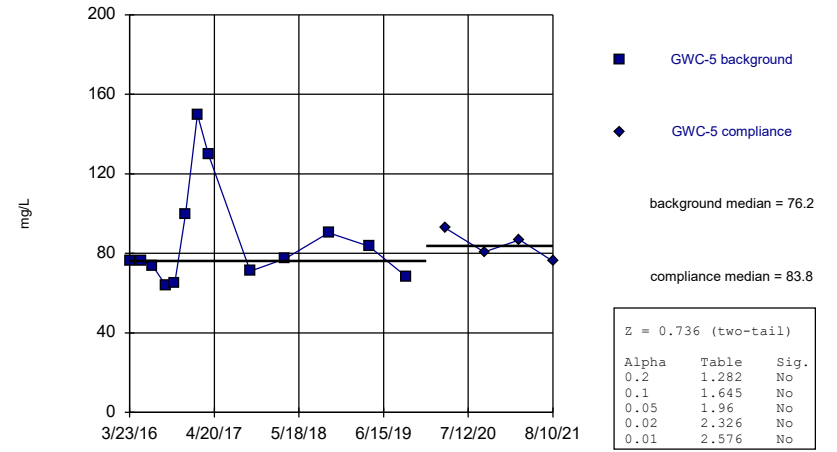
Constituent: Sulfate Analysis Run 3/25/2022 2:38 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)
GWC-23



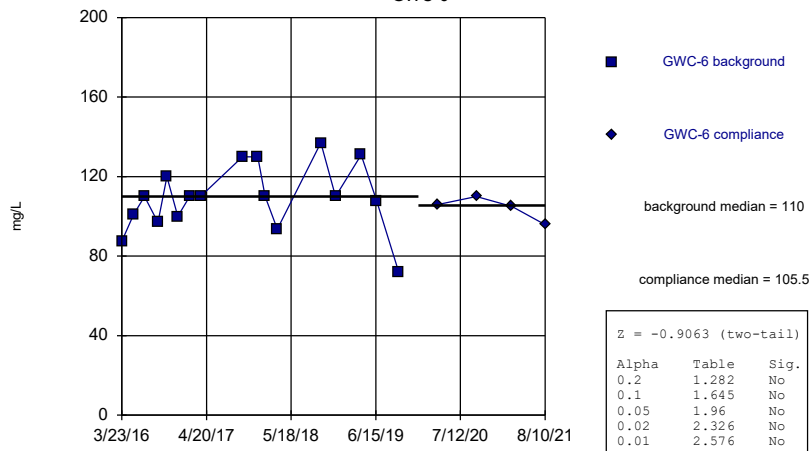
Constituent: Sulfate Analysis Run 3/25/2022 2:38 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)
GWC-5



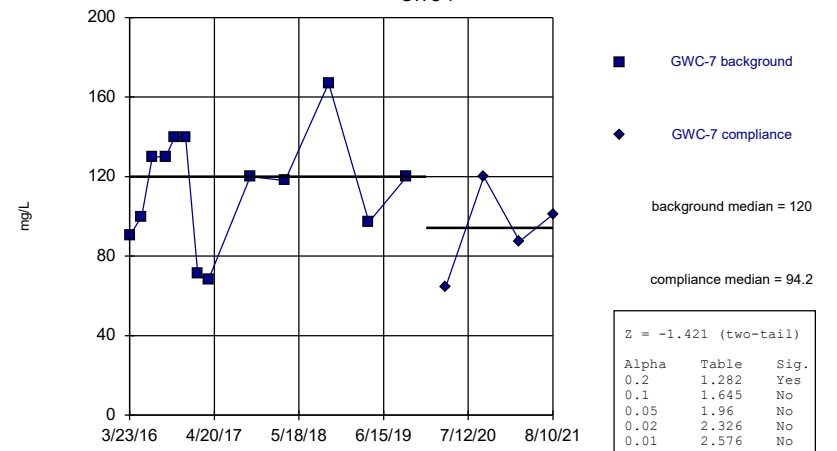
Constituent: Sulfate Analysis Run 3/25/2022 2:38 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)
GWC-6



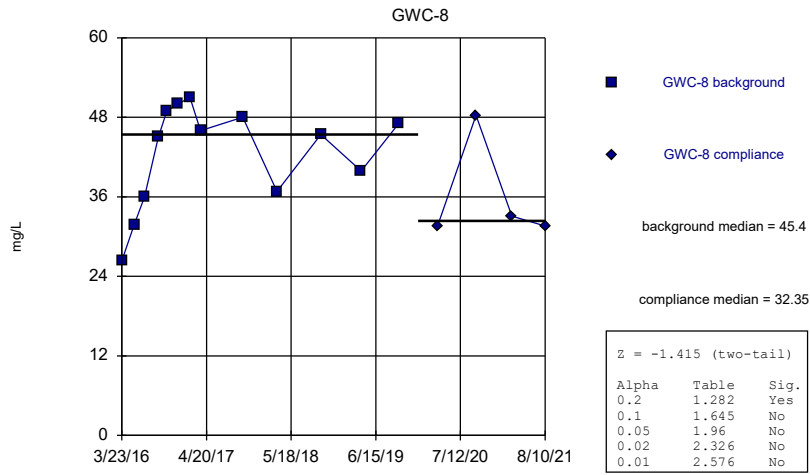
Constituent: Sulfate Analysis Run 3/25/2022 2:38 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)
GWC-7



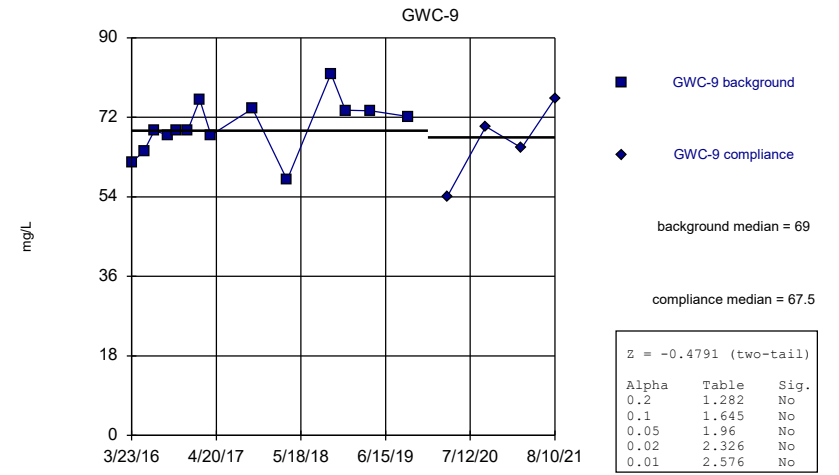
Constituent: Sulfate Analysis Run 3/25/2022 2:38 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



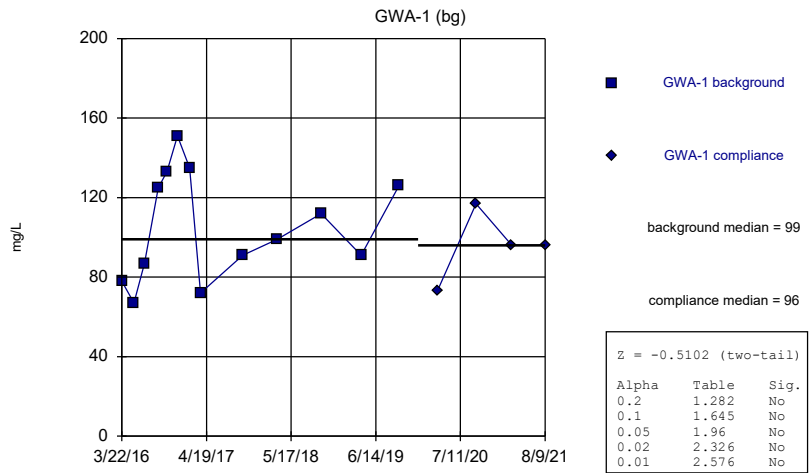
Constituent: Sulfate Analysis Run 3/25/2022 2:38 PM View: App III Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



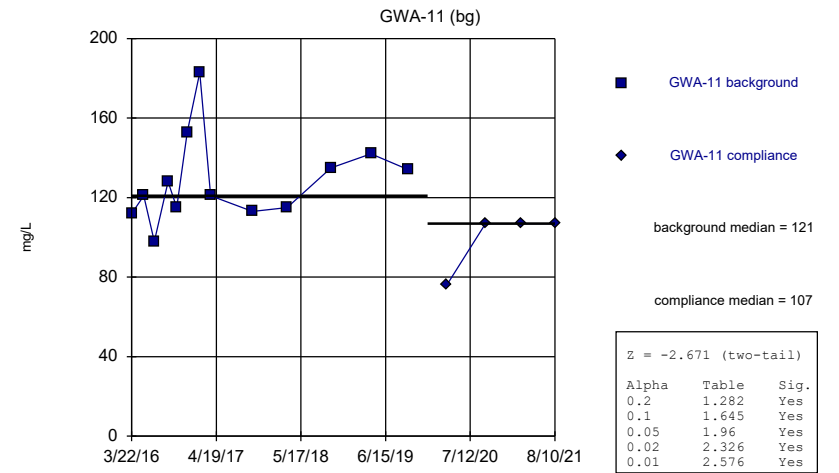
Constituent: Sulfate Analysis Run 3/25/2022 2:38 PM View: App III Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



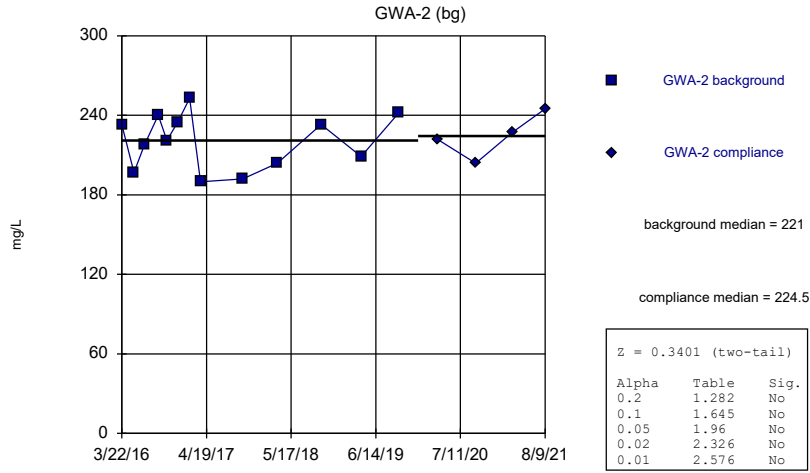
Constituent: Total Dissolved Solids Analysis Run 3/25/2022 2:38 PM View: App III Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



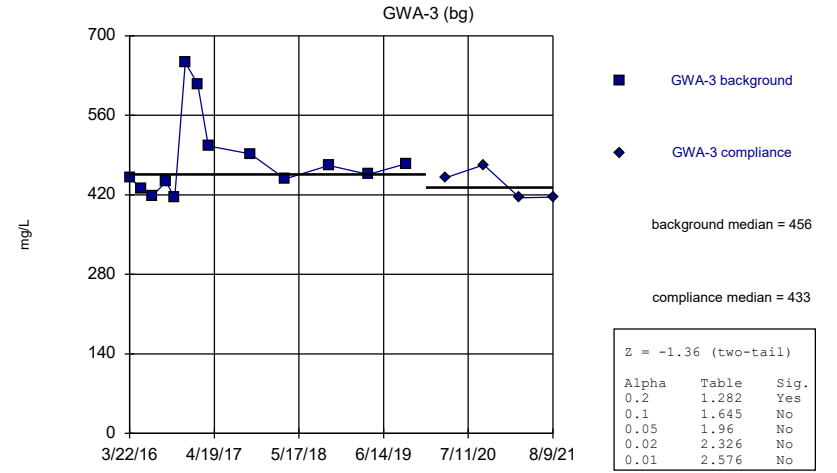
Constituent: Total Dissolved Solids Analysis Run 3/25/2022 2:38 PM View: App III Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



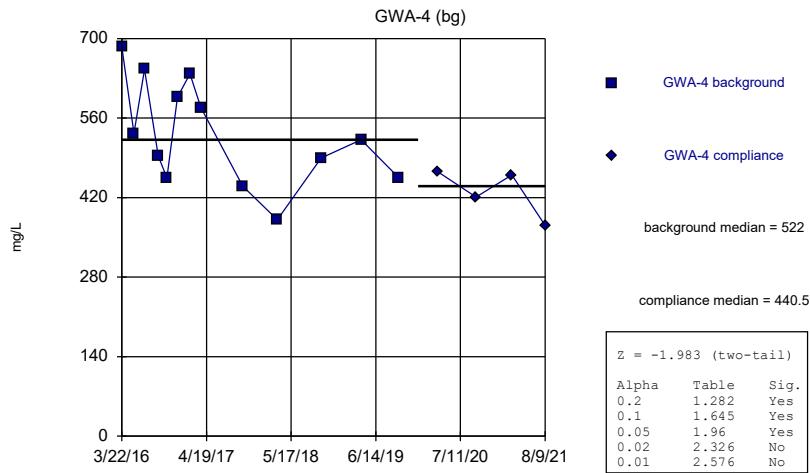
Constituent: Total Dissolved Solids Analysis Run 3/25/2022 2:38 PM View: App III Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



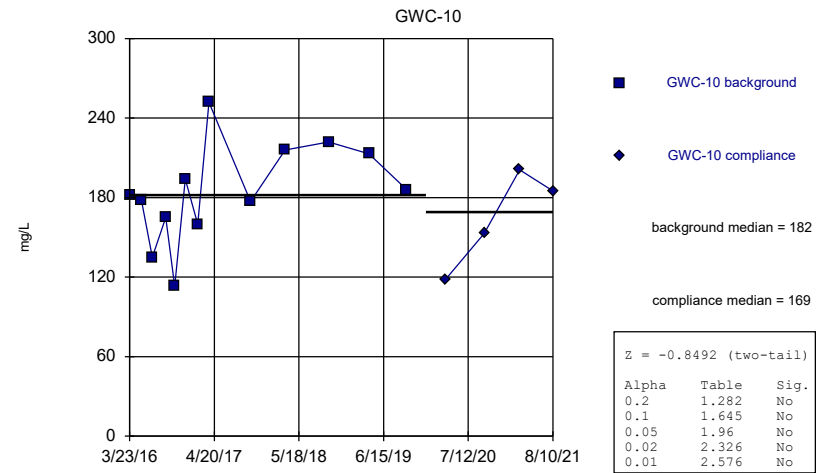
Constituent: Total Dissolved Solids Analysis Run 3/25/2022 2:38 PM View: App III Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



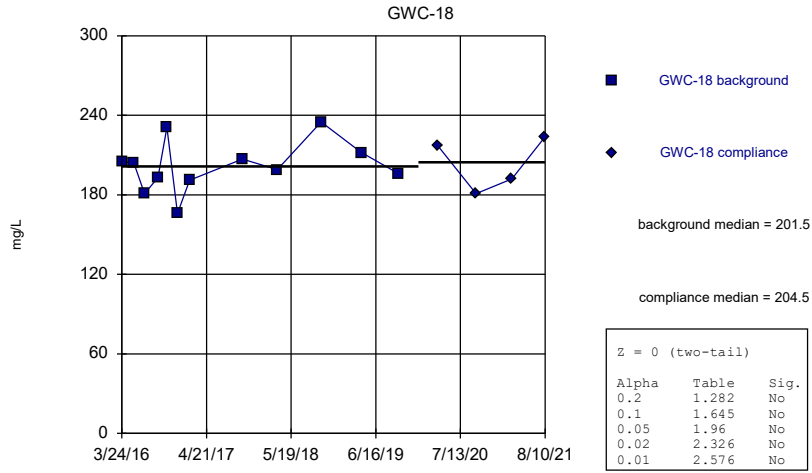
Constituent: Total Dissolved Solids Analysis Run 3/25/2022 2:38 PM View: App III Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



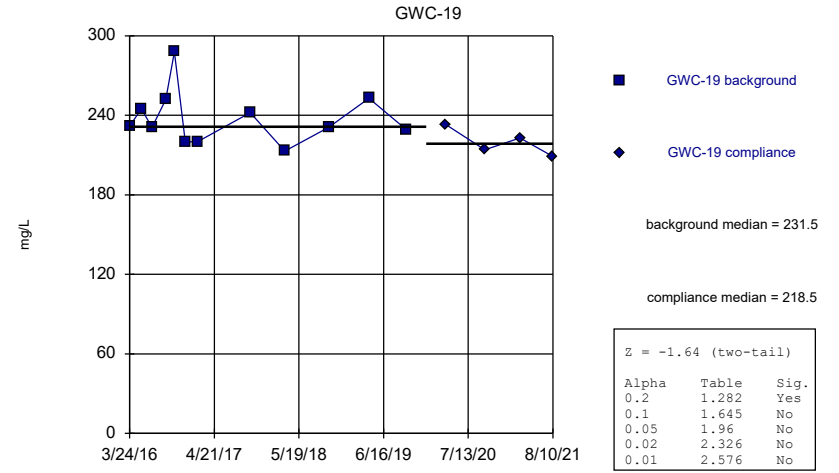
Constituent: Total Dissolved Solids Analysis Run 3/25/2022 2:38 PM View: App III Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



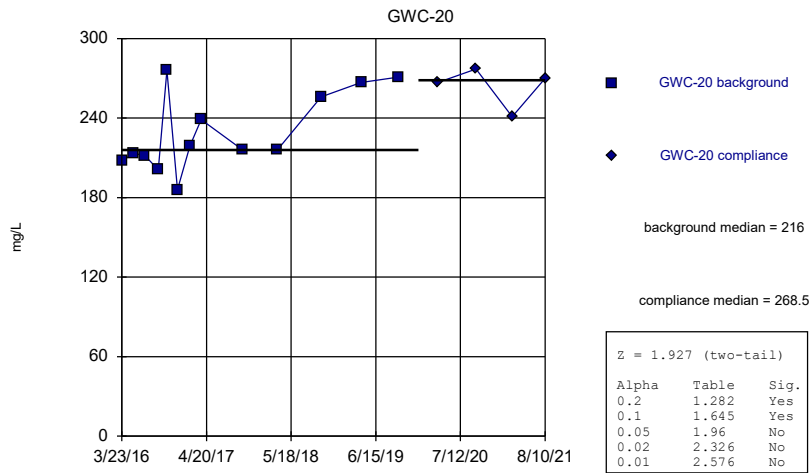
Constituent: Total Dissolved Solids Analysis Run 3/25/2022 2:38 PM View: App III Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



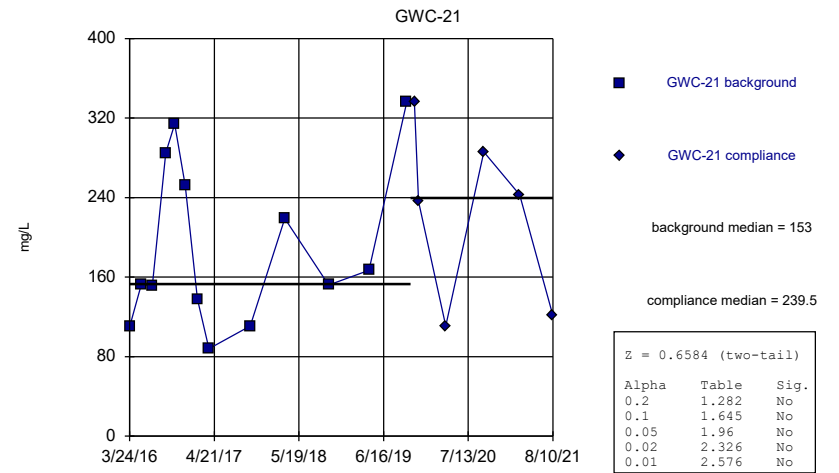
Constituent: Total Dissolved Solids Analysis Run 3/25/2022 2:38 PM View: App III Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



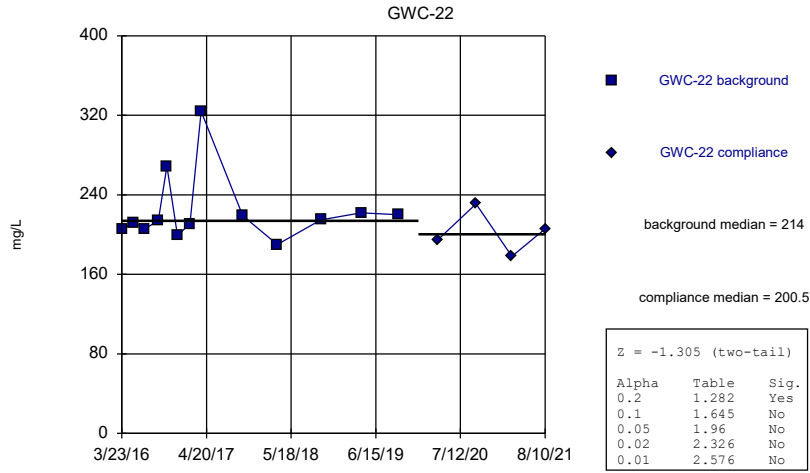
Constituent: Total Dissolved Solids Analysis Run 3/25/2022 2:38 PM View: App III Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



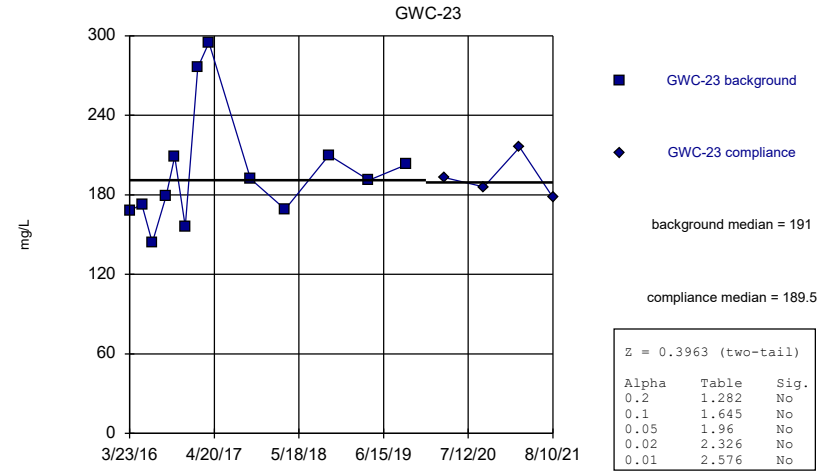
Constituent: Total Dissolved Solids Analysis Run 3/25/2022 2:38 PM View: App III Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



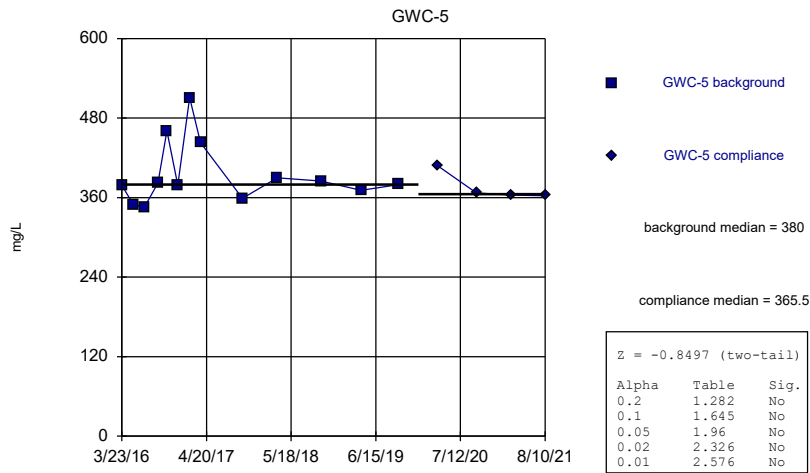
Constituent: Total Dissolved Solids Analysis Run 3/25/2022 2:38 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



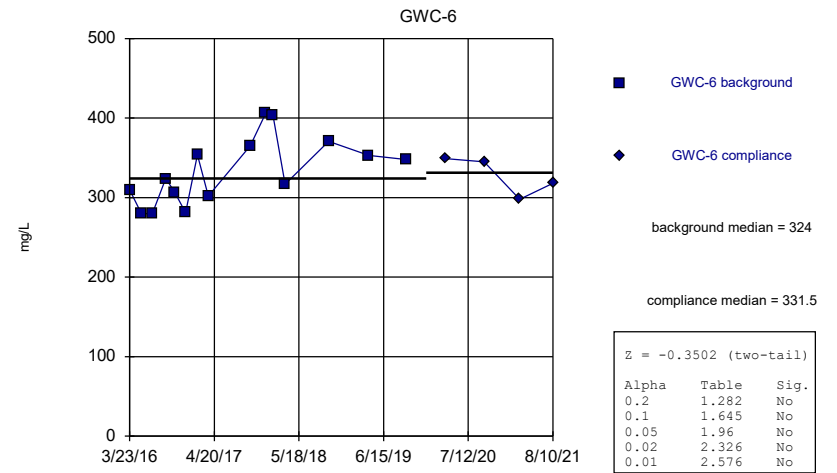
Constituent: Total Dissolved Solids Analysis Run 3/25/2022 2:38 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



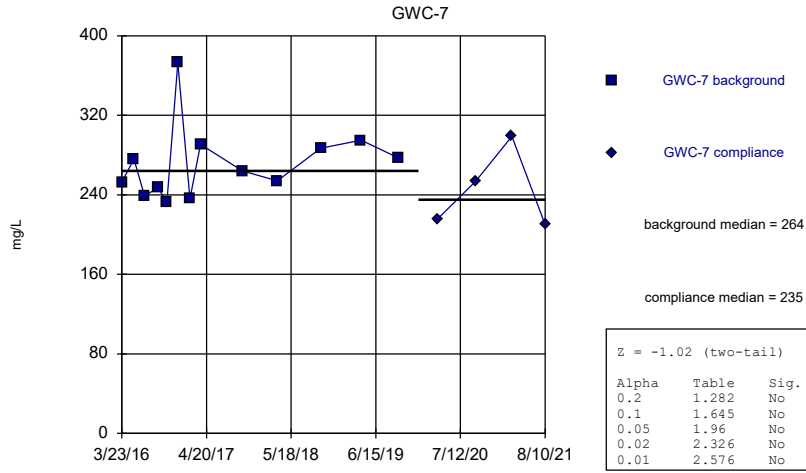
Constituent: Total Dissolved Solids Analysis Run 3/25/2022 2:38 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



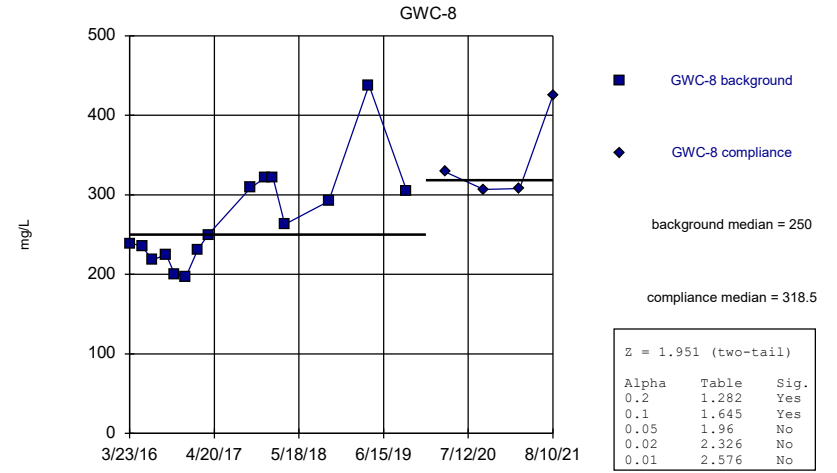
Constituent: Total Dissolved Solids Analysis Run 3/25/2022 2:38 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



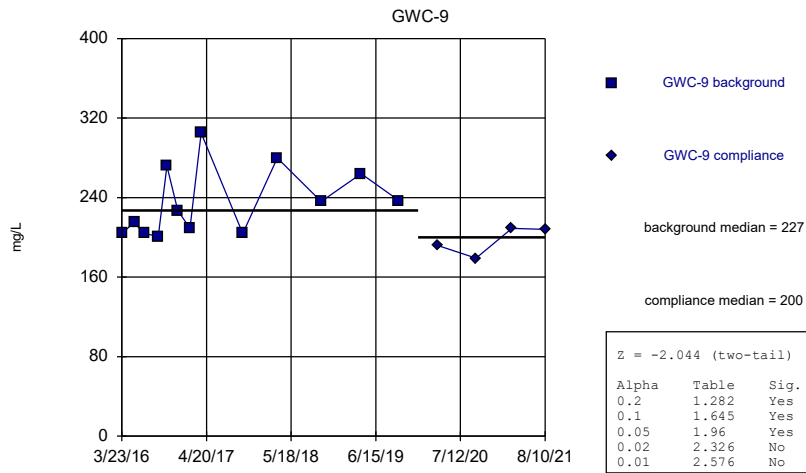
Constituent: Total Dissolved Solids Analysis Run 3/25/2022 2:38 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



Constituent: Total Dissolved Solids Analysis Run 3/25/2022 2:38 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Mann-Whitney (Wilcoxon Rank Sum)



Constituent: Total Dissolved Solids Analysis Run 3/25/2022 2:38 PM View: App III Mann Whitney
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

FIGURE F.

Intrawell Prediction Limits (Appendix I) - Significant Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 3/31/2022, 2:17 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method	
Barium (mg/L)	GWC-23	0.08928	n/a	2/7/2022	0.091	Yes	38	0.06495	0.0106	0	None	No	0.0003376	Param Intra 1 of 2

Intrawell Prediction Limits (Appendix I) - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 3/31/2022, 2:17 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	GWA-1	0.003	n/a	2/4/2022	0.003ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-11	0.003	n/a	2/4/2022	0.003ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-2	0.003	n/a	2/4/2022	0.003ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-3	0.003	n/a	2/4/2022	0.003ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-4	0.003	n/a	2/4/2022	0.003ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-10	0.003	n/a	2/4/2022	0.003ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-18	0.003	n/a	2/4/2022	0.003ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-19	0.003	n/a	2/7/2022	0.003ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-5	0.003	n/a	2/4/2022	0.003ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-6	0.003	n/a	2/4/2022	0.003ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-7	0.003	n/a	2/4/2022	0.003ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-8	0.003	n/a	2/4/2022	0.003ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-9	0.003	n/a	2/4/2022	0.003ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-1	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-11	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-2	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-3	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	68.42	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-4	0.0065	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	86.84	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-18	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	92.11	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-21	0.005	n/a	2/7/2022	0.005ND	No	36	n/a	n/a	80.56	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-23	0.005	n/a	2/7/2022	0.005ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-5	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-7	0.011	n/a	2/4/2022	0.0042J	No	37	n/a	n/a	37.84	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Arsenic (mg/L)	GWC-8	0.005	n/a	2/4/2022	0.0015J	No	37	n/a	n/a	72.97	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-9	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Barium (mg/L)	GWA-1	0.05002	n/a	2/4/2022	0.038	No	38	0.03897	0.004812	0	None	No	0.0003376	Param Intra 1 of 2
Barium (mg/L)	GWA-11	0.0425	n/a	2/4/2022	0.031	No	38	n/a	n/a	0	n/a	n/a	0.001294	NP Intra (normality) 1 of 2
Barium (mg/L)	GWA-2	0.198	n/a	2/4/2022	0.18	No	29	0.1666	0.01321	0	None	No	0.0003376	Param Intra 1 of 2
Barium (mg/L)	GWA-3	0.2254	n/a	2/4/2022	0.081	No	38	0.1656	0.02606	0	None	No	0.0003376	Param Intra 1 of 2
Barium (mg/L)	GWA-4	0.14	n/a	2/4/2022	0.037	No	38	n/a	n/a	0	n/a	n/a	0.001294	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-10	0.1997	n/a	2/4/2022	0.16	No	41	0.1273	0.03174	0	None	No	0.0003376	Param Intra 1 of 2
Barium (mg/L)	GWC-18	0.09152	n/a	2/4/2022	0.08	No	38	0.07443	0.007441	0	None	No	0.0003376	Param Intra 1 of 2
Barium (mg/L)	GWC-19	0.1706	n/a	2/7/2022	0.14	No	29	0.0004195	0.0001801	0	None	x^4	0.0003376	Param Intra 1 of 2
Barium (mg/L)	GWC-20	0.1514	n/a	2/7/2022	0.14	No	38	0.1177	0.01465	0	None	No	0.0003376	Param Intra 1 of 2
Barium (mg/L)	GWC-21	0.19	n/a	2/7/2022	0.063	No	36	n/a	n/a	0	n/a	n/a	0.001429	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-22	0.112	n/a	2/7/2022	0.092	No	29	-2.374	0.07763	0	None	ln(x)	0.0003376	Param Intra 1 of 2
Barium (mg/L)	GWC-23	0.08928	n/a	2/7/2022	0.091	Yes	38	0.06495	0.0106	0	None	No	0.0003376	Param Intra 1 of 2
Barium (mg/L)	GWC-5	0.1319	n/a	2/4/2022	0.061	No	38	0.09723	0.01511	0	None	No	0.0003376	Param Intra 1 of 2
Barium (mg/L)	GWC-6	0.2118	n/a	2/4/2022	0.16	No	29	0.1469	0.0273	0	None	No	0.0003376	Param Intra 1 of 2
Barium (mg/L)	GWC-7	0.3996	n/a	2/4/2022	0.35	No	19	0.3226	0.1206	0	None	sqrt(x)	0.0003376	Param Intra 1 of 2
Barium (mg/L)	GWC-8	0.17	n/a	2/4/2022	0.17	No	37	n/a	n/a	0	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-9	0.07319	n/a	2/4/2022	0.067	No	28	0.06145	0.004913	0	None	No	0.0003376	Param Intra 1 of 2
Beryllium (mg/L)	GWA-1	0.0005	n/a	2/4/2022	0.0005ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-11	0.0005	n/a	2/4/2022	0.0005ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-2	0.0005	n/a	2/4/2022	0.0005ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-3	0.0005	n/a	2/4/2022	0.0005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-4	0.0005	n/a	2/4/2022	0.0005ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-19	0.0005	n/a	2/7/2022	0.0005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-7	0.0248	n/a	2/4/2022	0.0005ND	No	33	-7.926	1.812	27.27	Kaplan-Meier	ln(x)	0.0003376	Param Intra 1 of 2
Cadmium (mg/L)	GWA-1	0.0005	n/a	2/4/2022	0.0005ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2

Intrawell Prediction Limits (Appendix I) - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 3/31/2022, 2:17 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Cadmium (mg/L)	GWA-11	0.0005	n/a	2/4/2022	0.0005ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-2	0.0005	n/a	2/4/2022	0.0005ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-3	0.0005	n/a	2/4/2022	0.0005ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-4	0.0005	n/a	2/4/2022	0.0005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-10	0.0005	n/a	2/4/2022	0.0005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-18	0.0005	n/a	2/4/2022	0.0005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-20	0.0005	n/a	2/7/2022	0.0005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-21	0.0005	n/a	2/7/2022	0.0005ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-23	0.0005	n/a	2/7/2022	0.0005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-5	0.0015	n/a	2/4/2022	0.0005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-7	0.0035	n/a	2/4/2022	0.0005ND	No	35	n/a	n/a	85.71	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-8	0.0005	n/a	2/4/2022	0.0005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-9	0.0005	n/a	2/4/2022	0.0005ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-1	0.016	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-11	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	92.11	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-2	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-3	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-4	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-10	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	92.11	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-18	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-19	0.005	n/a	2/7/2022	0.005ND	No	38	n/a	n/a	92.11	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-20	0.0064	n/a	2/7/2022	0.005ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-21	0.005	n/a	2/7/2022	0.005ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-22	0.005	n/a	2/7/2022	0.005ND	No	38	n/a	n/a	89.47	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-23	0.0051	n/a	2/7/2022	0.005ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-5	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-6	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-7	0.005	n/a	2/4/2022	0.005ND	No	36	n/a	n/a	83.33	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-8	0.005	n/a	2/4/2022	0.005ND	No	37	n/a	n/a	89.19	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-9	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	92.11	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-1	0.005	n/a	2/4/2022	0.00057J	No	38	n/a	n/a	60.53	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-11	0.01	n/a	2/4/2022	0.00051J	No	38	n/a	n/a	52.63	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-2	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-3	0.005	n/a	2/4/2022	0.00052J	No	38	n/a	n/a	89.47	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-4	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	63.16	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-10	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-21	0.01	n/a	2/7/2022	0.0028J	No	36	n/a	n/a	52.78	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-23	0.005	n/a	2/7/2022	0.005ND	No	38	n/a	n/a	89.47	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-5	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	89.47	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-6	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-7	0.07218	n/a	2/4/2022	0.0092	No	23	0.028	0.01788	0	None	No	0.0003376	Param Intra 1 of 2
Cobalt (mg/L)	GWC-8	0.01	n/a	2/4/2022	0.0019J	No	37	n/a	n/a	81.08	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-9	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	84.21	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-1	0.005	n/a	2/4/2022	0.005ND	No	33	n/a	n/a	100	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-11	0.005	n/a	2/4/2022	0.005ND	No	33	n/a	n/a	90.91	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-2	0.005	n/a	2/4/2022	0.005ND	No	33	n/a	n/a	90.91	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-3	0.005	n/a	2/4/2022	0.005ND	No	33	n/a	n/a	90.91	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-4	0.0066	n/a	2/4/2022	0.005ND	No	33	n/a	n/a	90.91	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-10	0.005	n/a	2/4/2022	0.005ND	No	33	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-18	0.005	n/a	2/4/2022	0.005ND	No	33	n/a	n/a	90.91	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2

Intrawell Prediction Limits (Appendix I) - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 3/31/2022, 2:17 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Copper (mg/L)	GWC-19	0.005	n/a	2/7/2022	0.005ND	No	33	n/a	n/a	84.85	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-20	0.005	n/a	2/7/2022	0.005ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-21	0.005	n/a	2/7/2022	0.005ND	No	31	n/a	n/a	74.19	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-22	0.005	n/a	2/7/2022	0.005ND	No	33	n/a	n/a	90.91	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-23	0.0084	n/a	2/7/2022	0.00088J	No	33	n/a	n/a	75.76	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-5	0.005	n/a	2/4/2022	0.005ND	No	33	n/a	n/a	84.85	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-6	0.005	n/a	2/4/2022	0.005ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-7	0.016	n/a	2/4/2022	0.005ND	No	31	n/a	n/a	77.42	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-8	0.005	n/a	2/4/2022	0.005ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-9	0.005	n/a	2/4/2022	0.005ND	No	33	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-1	0.001	n/a	2/4/2022	0.001ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-11	0.001	n/a	2/4/2022	0.001ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-2	0.001	n/a	2/4/2022	0.001ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-3	0.001	n/a	2/4/2022	0.001ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-4	0.001	n/a	2/4/2022	0.001ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-10	0.001	n/a	2/4/2022	0.001ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-18	0.001	n/a	2/4/2022	0.001ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-19	0.001	n/a	2/7/2022	0.001ND	No	38	n/a	n/a	92.11	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-20	0.001	n/a	2/7/2022	0.001ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-21	0.001	n/a	2/7/2022	0.001ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-22	0.001	n/a	2/7/2022	0.001ND	No	38	n/a	n/a	89.47	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-23	0.001	n/a	2/7/2022	0.001ND	No	38	n/a	n/a	84.21	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-5	0.001	n/a	2/4/2022	0.001ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-6	0.001	n/a	2/4/2022	0.001ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-7	0.0016	n/a	2/4/2022	0.001ND	No	37	n/a	n/a	75.68	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-8	0.001	n/a	2/4/2022	0.001ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-1	0.005	n/a	2/4/2022	0.005ND	No	33	n/a	n/a	78.79	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-11	0.01	n/a	2/4/2022	0.0019J	No	33	n/a	n/a	54.55	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-2	0.005	n/a	2/4/2022	0.005ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-3	0.005	n/a	2/4/2022	0.0009J	No	33	n/a	n/a	87.88	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-4	0.0055	n/a	2/4/2022	0.00087J	No	33	n/a	n/a	51.52	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-10	0.005	n/a	2/4/2022	0.005ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-18	0.005	n/a	2/4/2022	0.00078J	No	33	n/a	n/a	78.79	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-19	0.0062	n/a	2/7/2022	0.005ND	No	33	n/a	n/a	90.91	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-20	0.005	n/a	2/7/2022	0.005ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-21	0.01023	n/a	2/7/2022	0.0055	No	32	0.06271	0.0164	18.75	Kaplan-Meier	sqrt(x)	0.0003376	Param Intra 1 of 2
Nickel (mg/L)	GWC-22	0.005	n/a	2/7/2022	0.005ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-23	0.005	n/a	2/7/2022	0.00084J	No	33	n/a	n/a	69.7	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-5	0.005	n/a	2/4/2022	0.005ND	No	33	n/a	n/a	78.79	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-6	0.005	n/a	2/4/2022	0.005ND	No	33	n/a	n/a	90.91	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-7	0.2826	n/a	2/4/2022	0.039	No	18	0.1037	0.06873	0	None	No	0.0003376	Param Intra 1 of 2
Nickel (mg/L)	GWC-8	0.0073	n/a	2/4/2022	0.005ND	No	32	n/a	n/a	81.25	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-9	0.01	n/a	2/4/2022	0.0018J	No	33	n/a	n/a	54.55	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-1	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-11	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-2	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-3	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-4	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-10	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-21	0.005	n/a	2/7/2022	0.005ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2

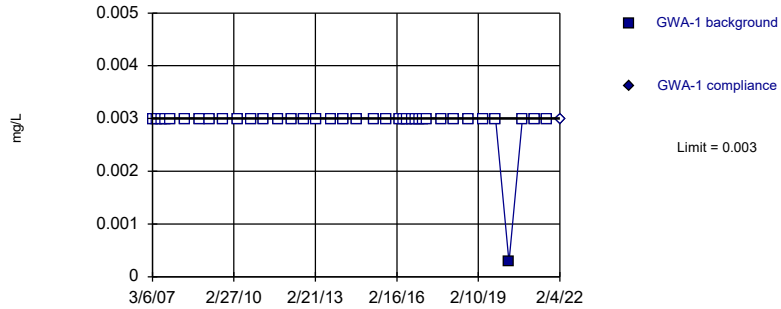
Intrawell Prediction Limits (Appendix I) - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 3/31/2022, 2:17 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Selenium (mg/L)	GWC-22	0.005	n/a	2/7/2022	0.005ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-9	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-1	0.01	n/a	2/4/2022	0.01ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-11	0.01	n/a	2/4/2022	0.01ND	No	33	n/a	n/a	100	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-2	0.01	n/a	2/4/2022	0.01ND	No	33	n/a	n/a	100	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-3	0.01	n/a	2/4/2022	0.01ND	No	33	n/a	n/a	100	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-4	0.01	n/a	2/4/2022	0.01ND	No	33	n/a	n/a	100	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-21	0.01	n/a	2/7/2022	0.01ND	No	31	n/a	n/a	93.55	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-23	0.01	n/a	2/7/2022	0.01ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-5	0.01	n/a	2/4/2022	0.01ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-7	0.01	n/a	2/4/2022	0.01ND	No	32	n/a	n/a	84.38	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-9	0.01	n/a	2/4/2022	0.01ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-1	0.01	n/a	2/4/2022	0.01ND	No	33	n/a	n/a	75.76	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-11	0.01	n/a	2/4/2022	0.01ND	No	33	n/a	n/a	66.67	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-2	0.01	n/a	2/4/2022	0.01ND	No	33	n/a	n/a	69.7	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-3	0.01	n/a	2/4/2022	0.01ND	No	33	n/a	n/a	57.58	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-4	0.01	n/a	2/4/2022	0.01ND	No	33	n/a	n/a	33.33	n/a	n/a	0.001701	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-10	0.01	n/a	2/4/2022	0.01ND	No	33	n/a	n/a	78.79	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-18	0.01	n/a	2/4/2022	0.01ND	No	33	n/a	n/a	69.7	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-19	0.013	n/a	2/7/2022	0.01ND	No	33	n/a	n/a	60.61	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-20	0.01	n/a	2/7/2022	0.01ND	No	32	n/a	n/a	81.25	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-21	0.009272	n/a	2/7/2022	0.01ND	No	31	0.1676	0.01806	16.13	Kaplan-Meier	x^(1/3)	0.0003376	Param Intra 1 of 2
Zinc (mg/L)	GWC-22	0.01	n/a	2/7/2022	0.01ND	No	33	n/a	n/a	81.82	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-23	0.01	n/a	2/7/2022	0.01ND	No	33	n/a	n/a	54.55	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-5	0.01	n/a	2/4/2022	0.01ND	No	33	n/a	n/a	60.61	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-6	0.01	n/a	2/4/2022	0.01ND	No	33	n/a	n/a	72.73	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-7	0.523	n/a	2/4/2022	0.07	No	18	0.1863	0.1294	0	None	No	0.0003376	Param Intra 1 of 2
Zinc (mg/L)	GWC-8	0.01	n/a	2/4/2022	0.01ND	No	32	n/a	n/a	71.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-9	0.01	n/a	2/4/2022	0.01ND	No	33	n/a	n/a	66.67	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2

Within Limit

Prediction Limit Intrawell Non-parametric

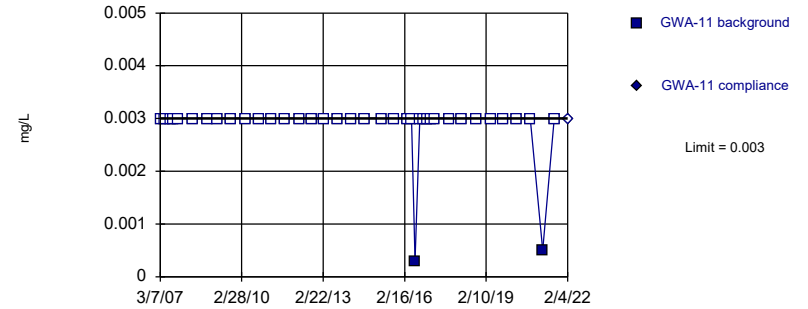


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Antimony Analysis Run 3/31/2022 2:07 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

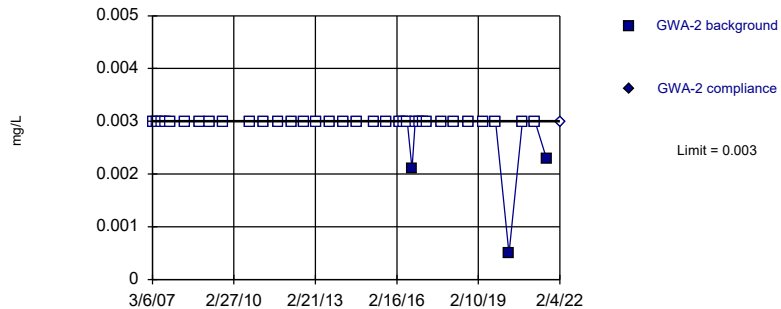


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Antimony Analysis Run 3/31/2022 2:07 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

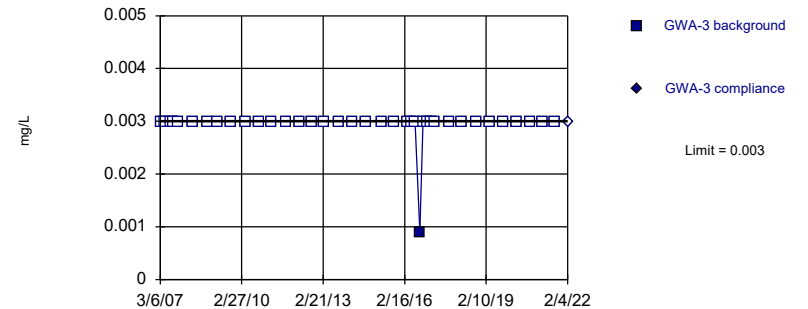


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Antimony Analysis Run 3/31/2022 2:07 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

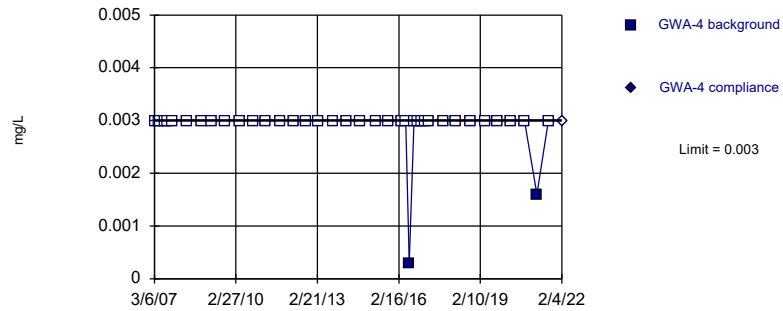


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Antimony Analysis Run 3/31/2022 2:07 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

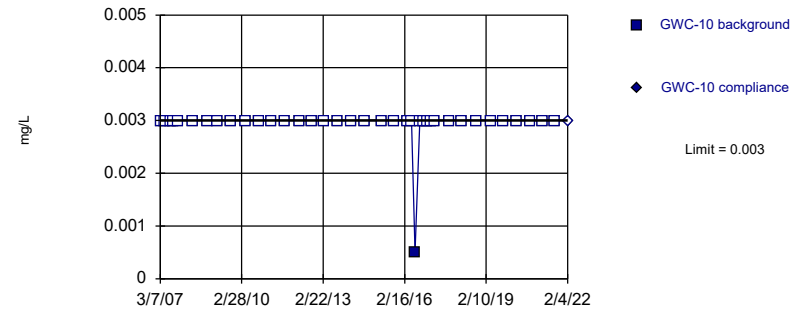


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Antimony Analysis Run 3/31/2022 2:07 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

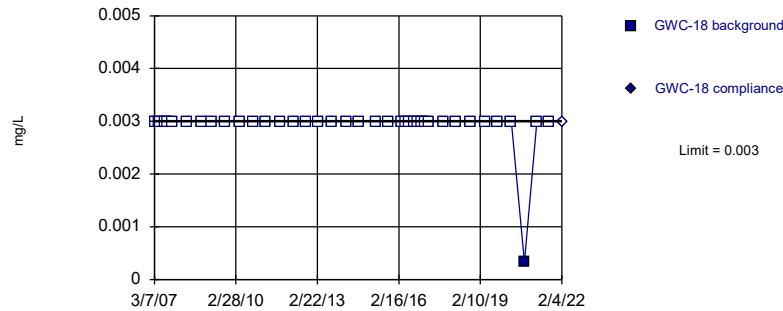


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Antimony Analysis Run 3/31/2022 2:07 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

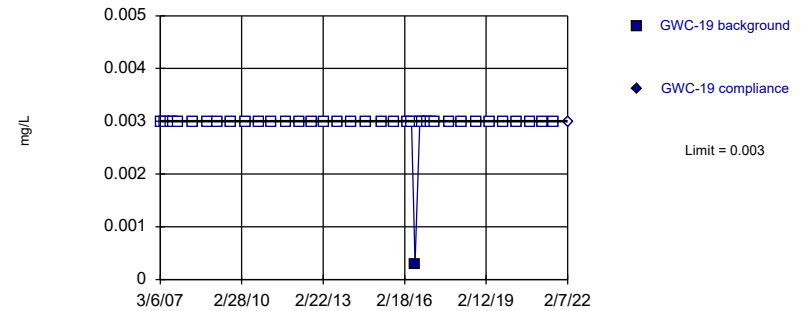


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Antimony Analysis Run 3/31/2022 2:07 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

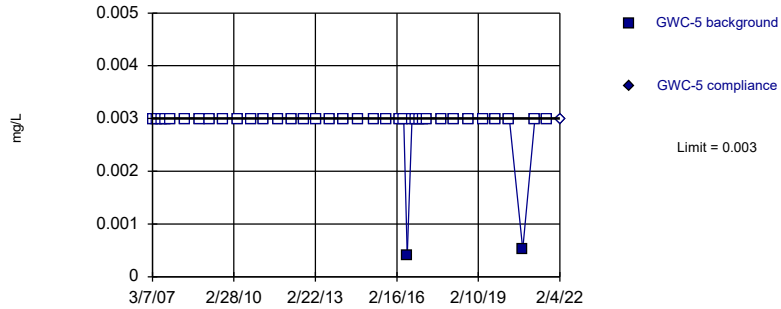


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Antimony Analysis Run 3/31/2022 2:07 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

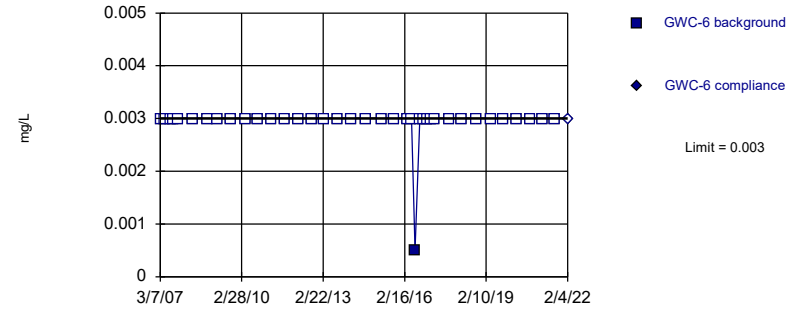


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Antimony Analysis Run 3/31/2022 2:07 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

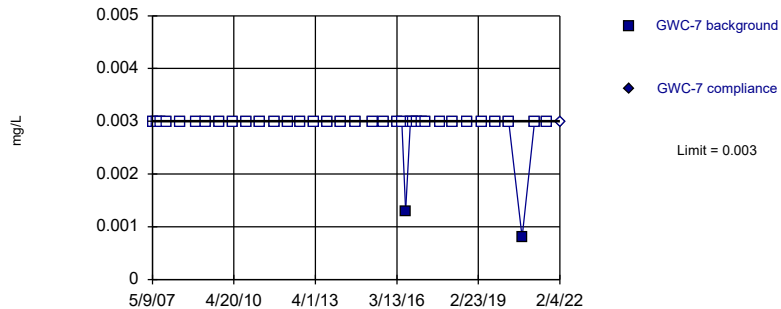


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Antimony Analysis Run 3/31/2022 2:07 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

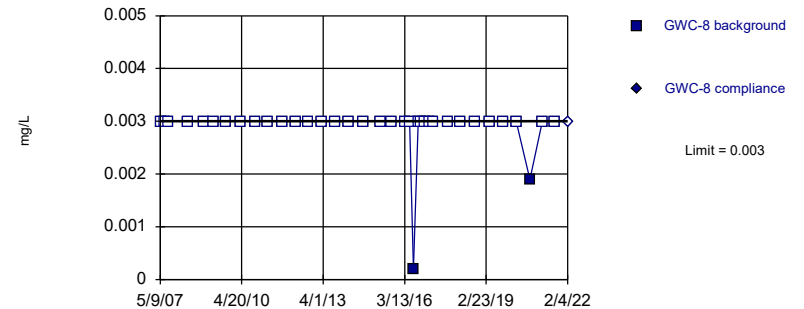


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 94.59% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Antimony Analysis Run 3/31/2022 2:07 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

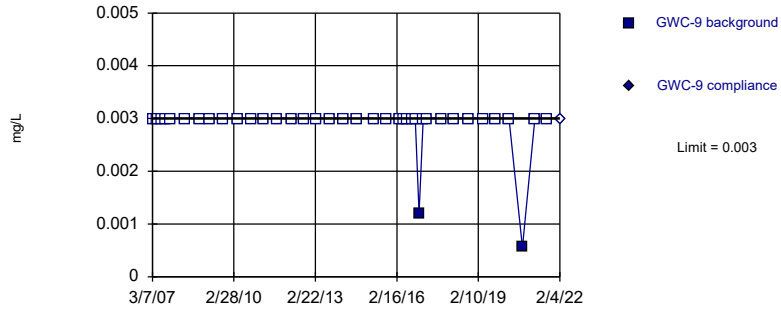


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 94.44% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Antimony Analysis Run 3/31/2022 2:07 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
 Intrawell Non-parametric

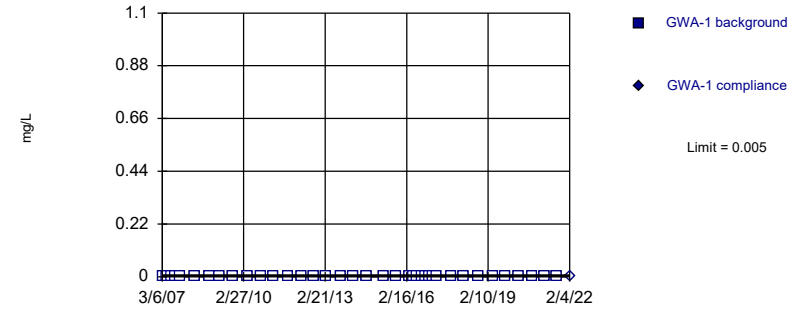


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Antimony Analysis Run 3/31/2022 2:07 PM View: PLs - Intrawell State
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
 Intrawell Non-parametric

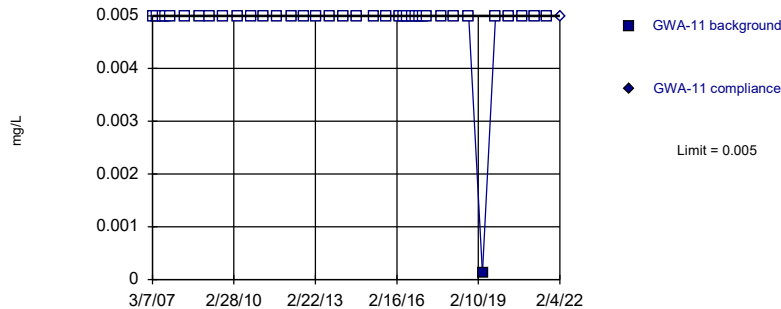


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 38) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Arsenic Analysis Run 3/31/2022 2:07 PM View: PLs - Intrawell State
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
 Intrawell Non-parametric

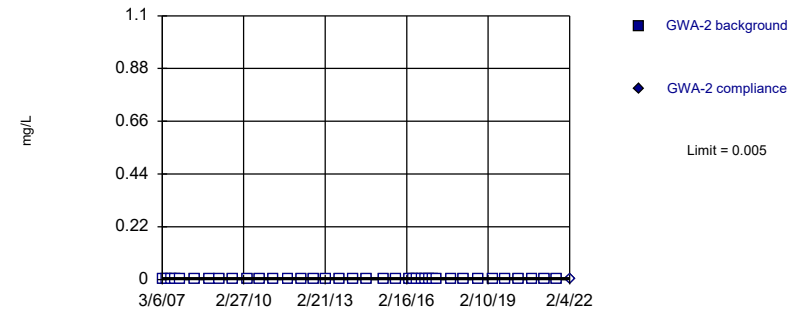


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Arsenic Analysis Run 3/31/2022 2:08 PM View: PLs - Intrawell State
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
 Intrawell Non-parametric

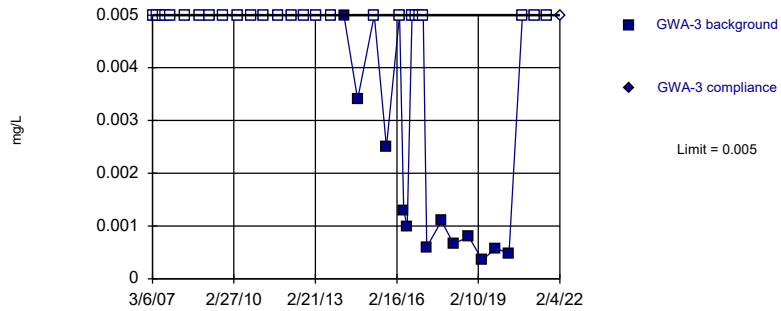


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 38) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Arsenic Analysis Run 3/31/2022 2:08 PM View: PLs - Intrawell State
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

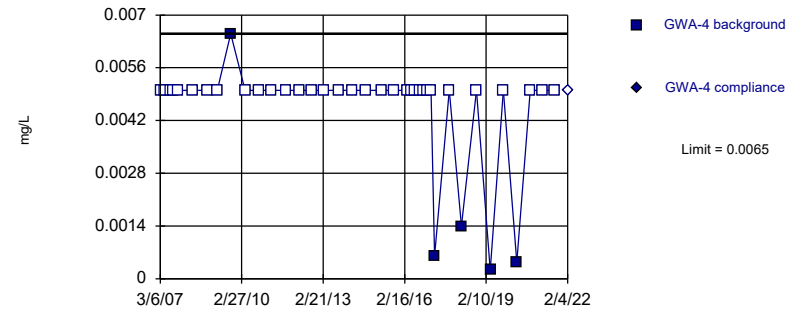


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 68.42% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Arsenic Analysis Run 3/31/2022 2:08 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

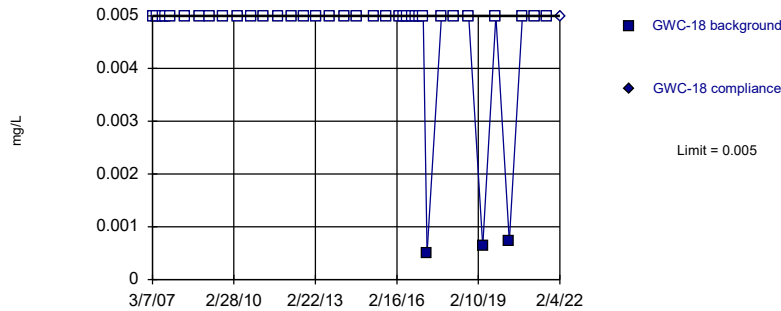


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 86.84% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Arsenic Analysis Run 3/31/2022 2:08 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

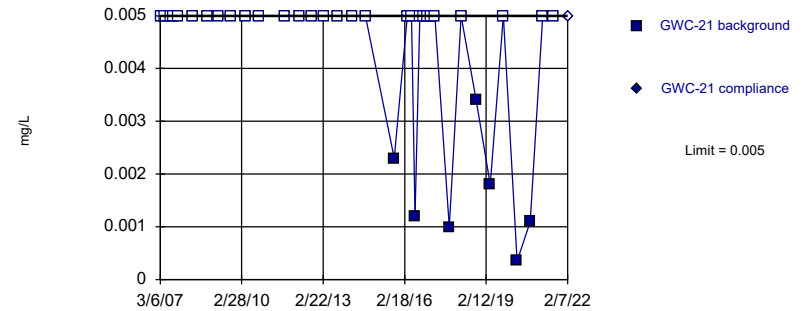


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 92.11% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Arsenic Analysis Run 3/31/2022 2:08 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

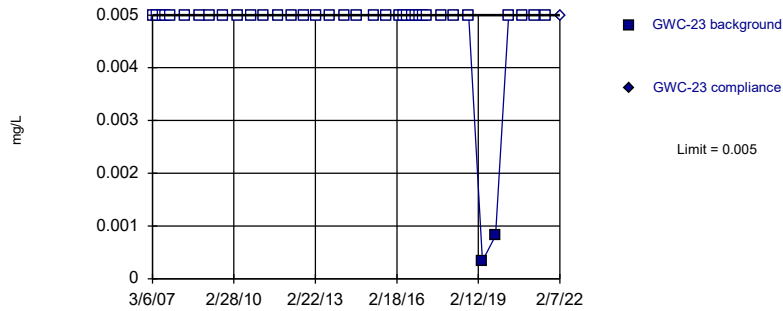


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 80.56% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Arsenic Analysis Run 3/31/2022 2:08 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
 Intrawell Non-parametric

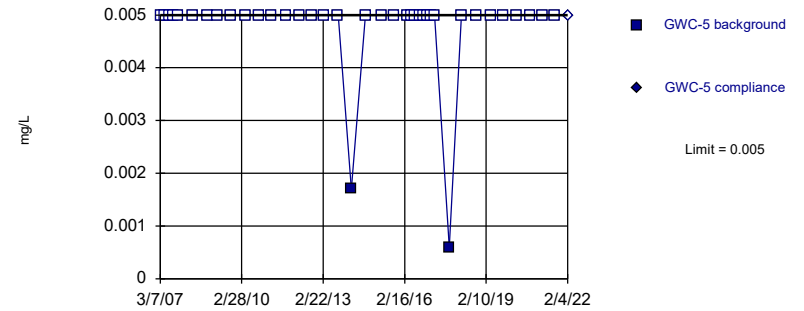


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Arsenic Analysis Run 3/31/2022 2:08 PM View: PLs - Intrawell State
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
 Intrawell Non-parametric

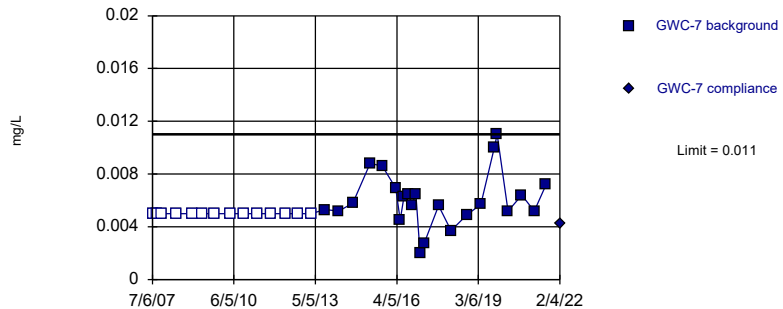


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Arsenic Analysis Run 3/31/2022 2:08 PM View: PLs - Intrawell State
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
 Intrawell Non-parametric

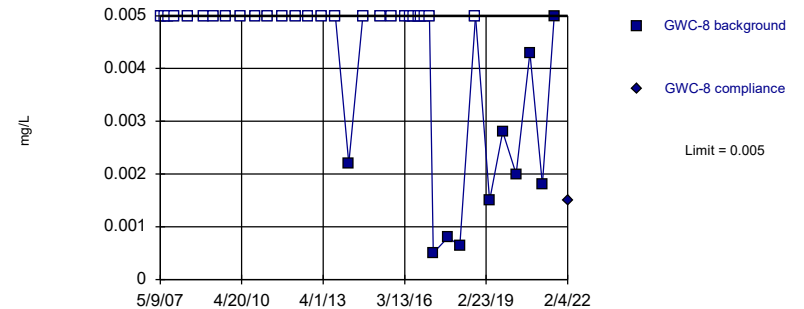


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 37 background values. 37.84% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Arsenic Analysis Run 3/31/2022 2:08 PM View: PLs - Intrawell State
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
 Intrawell Non-parametric

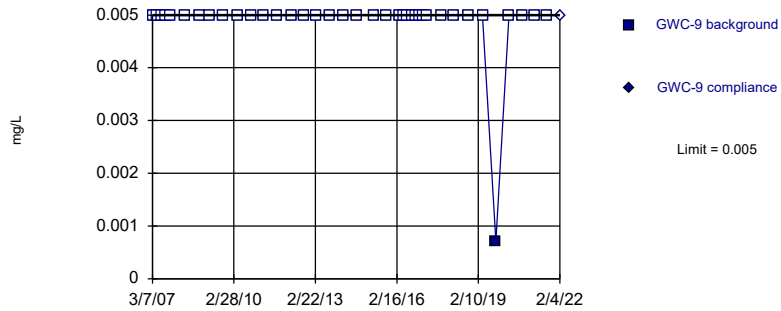


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 72.97% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Arsenic Analysis Run 3/31/2022 2:08 PM View: PLs - Intrawell State
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
 Intrawell Non-parametric

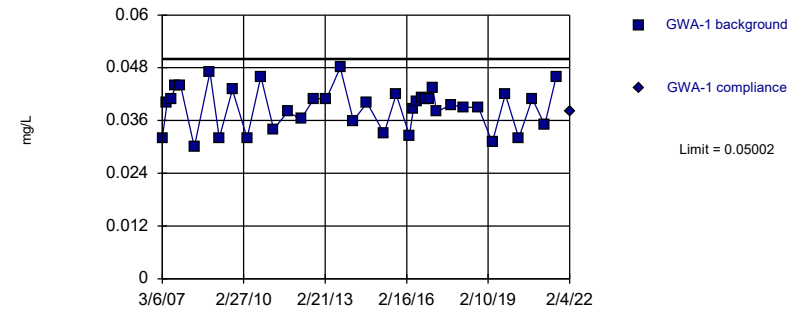


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Arsenic Analysis Run 3/31/2022 2:08 PM View: PLs - Intrawell State
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
 Intrawell Parametric

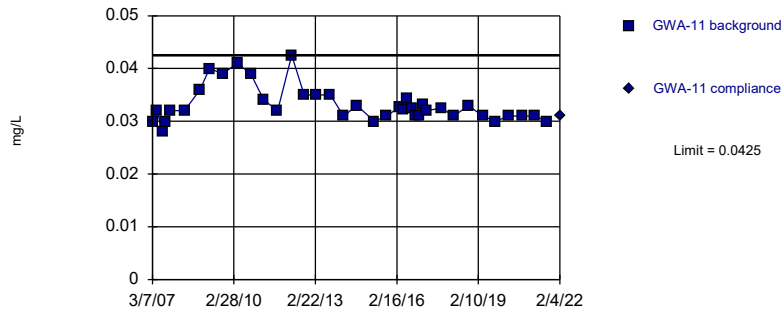


Background Data Summary: Mean=0.03897, Std. Dev.=0.004812, n=38. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9475, critical = 0.916. Kappa = 2.296 (c=13, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0003376.

Constituent: Barium Analysis Run 3/31/2022 2:08 PM View: PLs - Intrawell State
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
 Intrawell Non-parametric

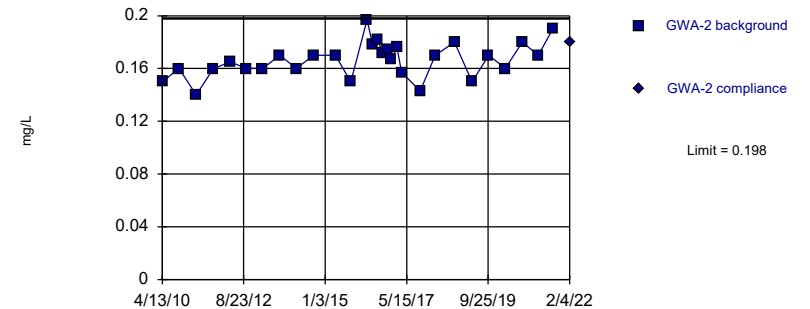


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 38 background values. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Barium Analysis Run 3/31/2022 2:08 PM View: PLs - Intrawell State
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

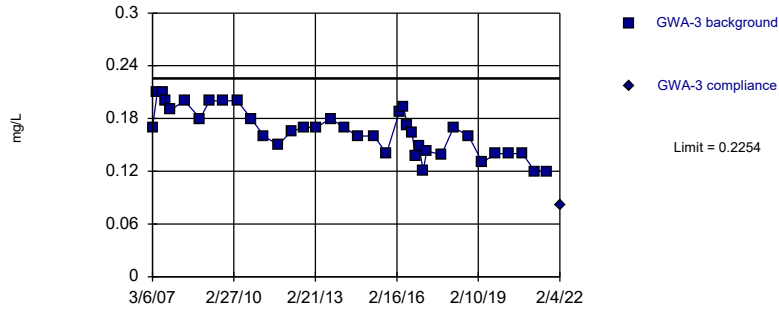
Prediction Limit
 Intrawell Parametric



Background Data Summary: Mean=0.1666, Std. Dev.=0.01321, n=29. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9772, critical = 0.898. Kappa = 2.377 (c=13, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0003376.

Constituent: Barium Analysis Run 3/31/2022 2:08 PM View: PLs - Intrawell State
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

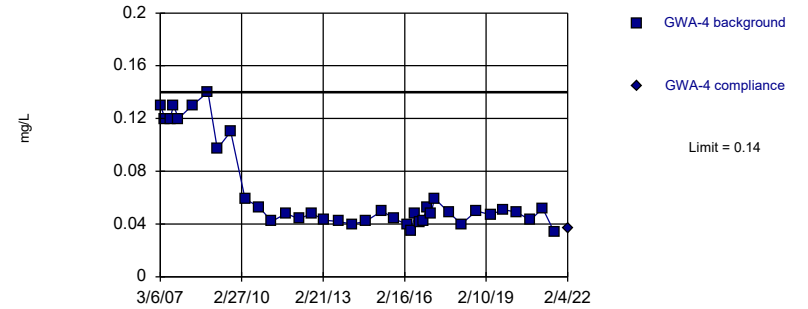
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.1656, Std. Dev.=0.02606, n=38. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9475, critical = 0.916. Kappa = 2.296 (c=13, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0003376.

Constituent: Barium Analysis Run 3/31/2022 2:08 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

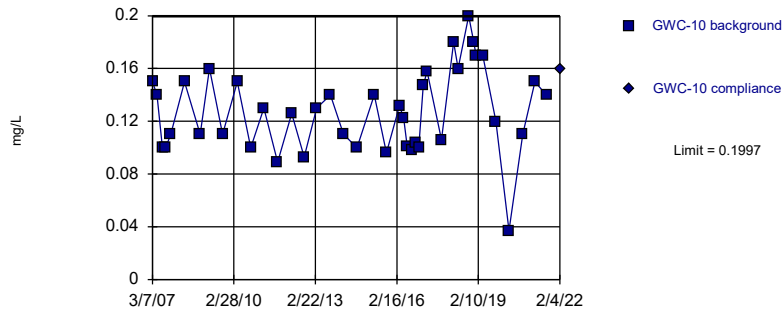
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 38 background values. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Barium Analysis Run 3/31/2022 2:08 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

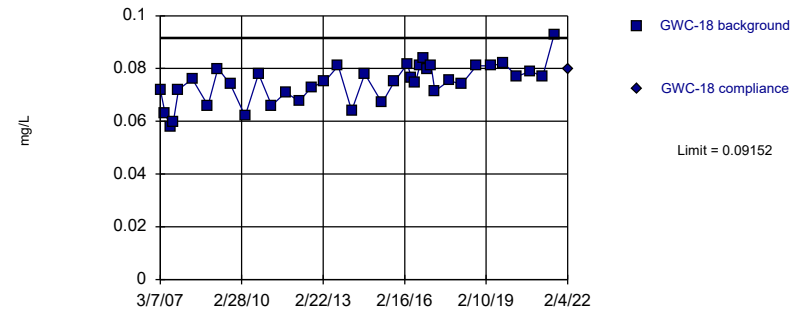
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.1273, Std. Dev.=0.03174, n=41. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9632, critical = 0.92. Kappa = 2.279 (c=13, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0003376.

Constituent: Barium Analysis Run 3/31/2022 2:08 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

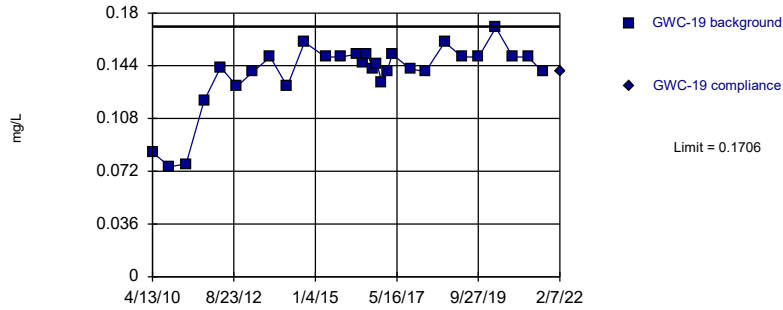
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.07443, Std. Dev.=0.007441, n=38. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9635, critical = 0.916. Kappa = 2.296 (c=13, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0003376.

Constituent: Barium Analysis Run 3/31/2022 2:08 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

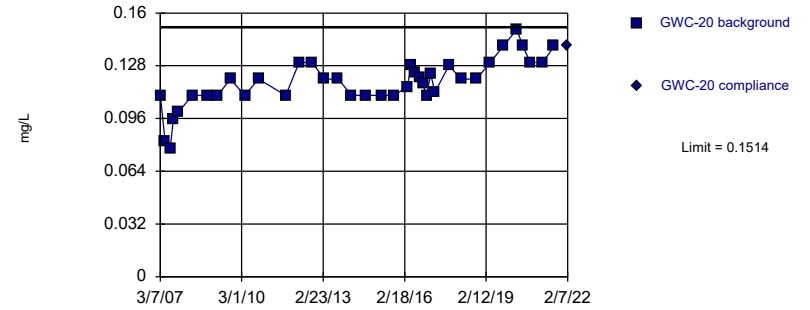
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary (based on x^4 transformation): Mean=0.0004195, Std. Dev.=0.0001801, n=29. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9247, critical = 0.898. Kappa = 2.377 (c=13, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0003376.

Constituent: Barium Analysis Run 3/31/2022 2:08 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

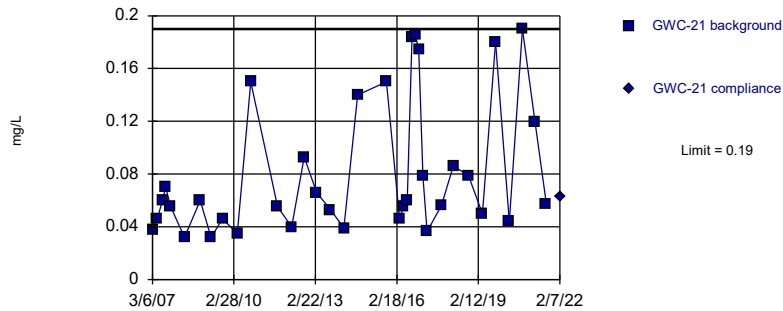
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.1177, Std. Dev.=0.01465, n=38. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9438, critical = 0.916. Kappa = 2.296 (c=13, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0003376.

Constituent: Barium Analysis Run 3/31/2022 2:08 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

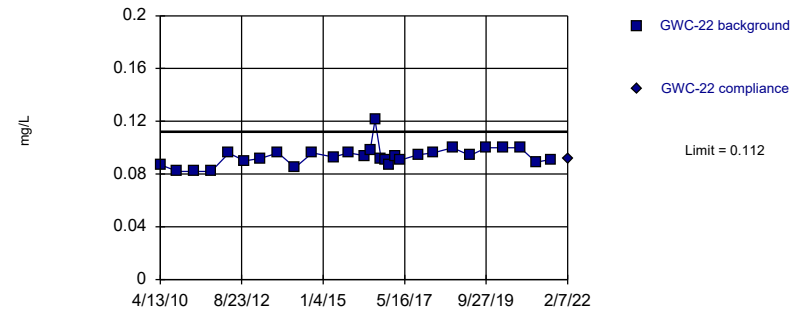
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 36 background values. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Barium Analysis Run 3/31/2022 2:08 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit Prediction Limit
Intrawell Parametric

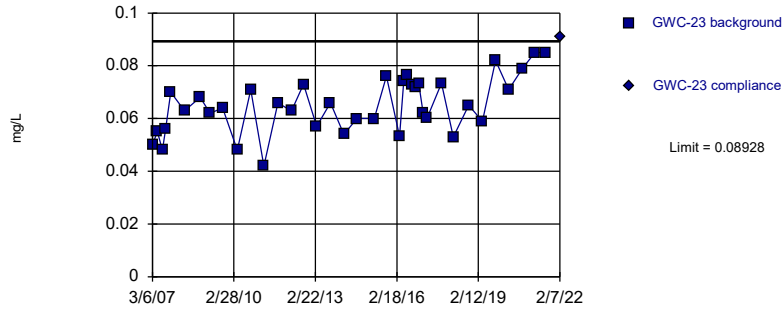


Background Data Summary (based on natural log transformation): Mean=-2.374, Std. Dev.=0.07763, n=29. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9051, critical = 0.898. Kappa = 2.377 (c=13, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0003376.

Constituent: Barium Analysis Run 3/31/2022 2:08 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Exceeds Limit

Prediction Limit
Intrawell Parametric

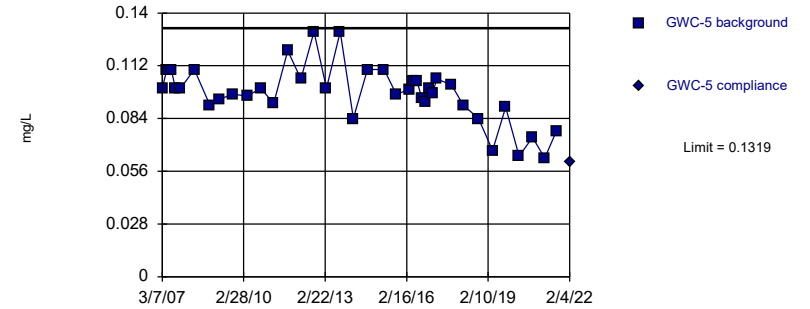


Background Data Summary: Mean=0.06495, Std. Dev.=0.0106, n=38. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9801, critical = 0.916. Kappa = 2.296 (c=13, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0003376.

Constituent: Barium Analysis Run 3/31/2022 2:08 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Parametric

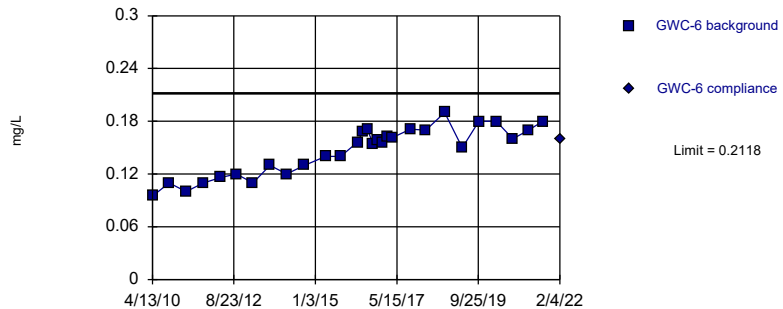


Background Data Summary: Mean=0.09723, Std. Dev.=0.01511, n=38. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9434, critical = 0.916. Kappa = 2.296 (c=13, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0003376.

Constituent: Barium Analysis Run 3/31/2022 2:08 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Parametric

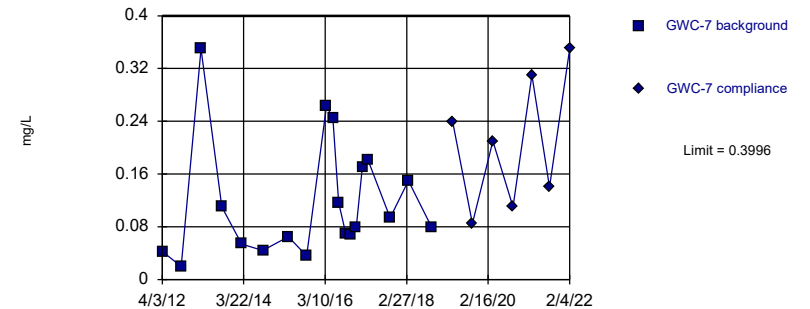


Background Data Summary: Mean=0.1469, Std. Dev.=0.0273, n=29. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9315, critical = 0.898. Kappa = 2.377 (c=13, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0003376.

Constituent: Barium Analysis Run 3/31/2022 2:08 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Parametric

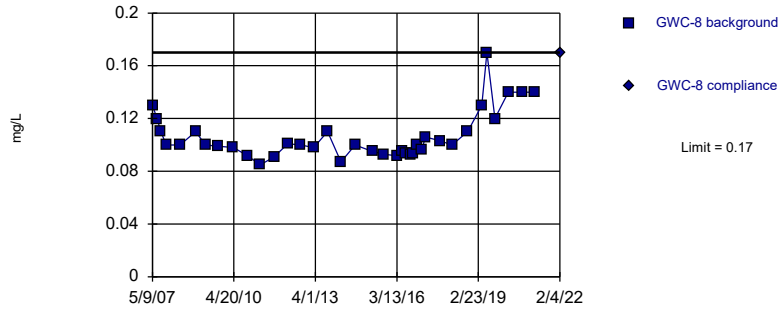


Background Data Summary (based on square root transformation): Mean=0.3226, Std. Dev.=0.1206, n=19. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9476, critical = 0.863. Kappa = 2.568 (c=13, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0003376.

Constituent: Barium Analysis Run 3/31/2022 2:08 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

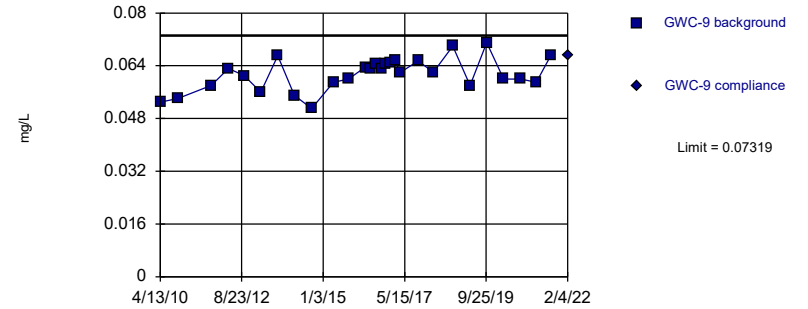


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 37 background values. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Barium Analysis Run 3/31/2022 2:08 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Parametric

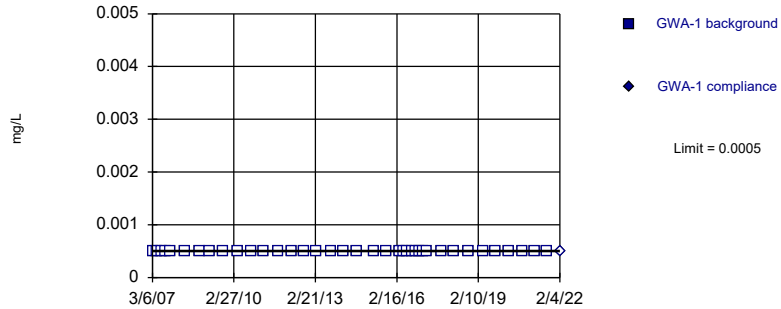


Background Data Summary: Mean=0.06145, Std. Dev.=0.004913, n=28. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9838, critical = 0.896. Kappa = 2.39 (c=13, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0003376.

Constituent: Barium Analysis Run 3/31/2022 2:08 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

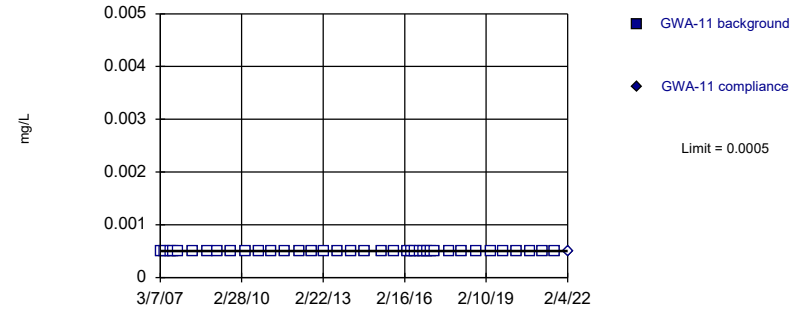


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 38) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Beryllium Analysis Run 3/31/2022 2:08 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

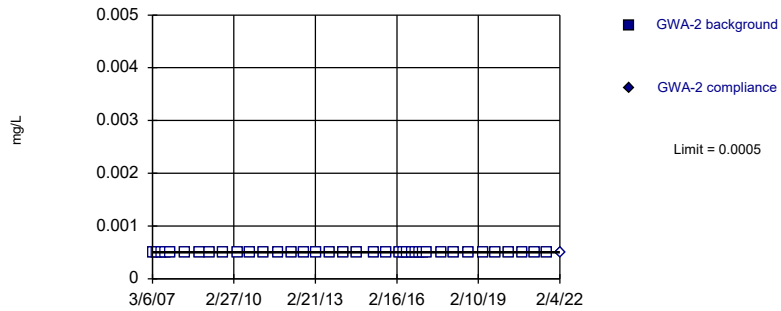


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 38) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Beryllium Analysis Run 3/31/2022 2:08 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

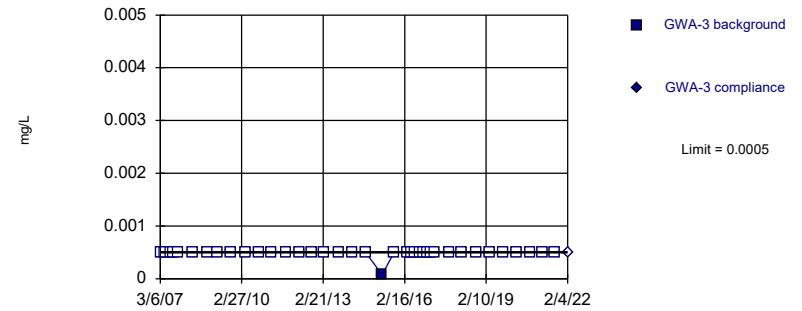


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 38) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Beryllium Analysis Run 3/31/2022 2:08 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

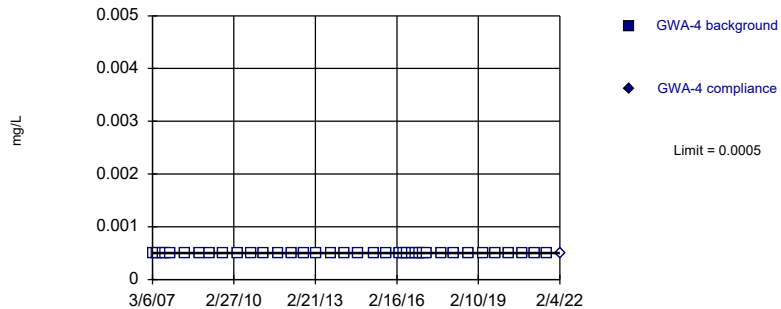


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Beryllium Analysis Run 3/31/2022 2:08 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

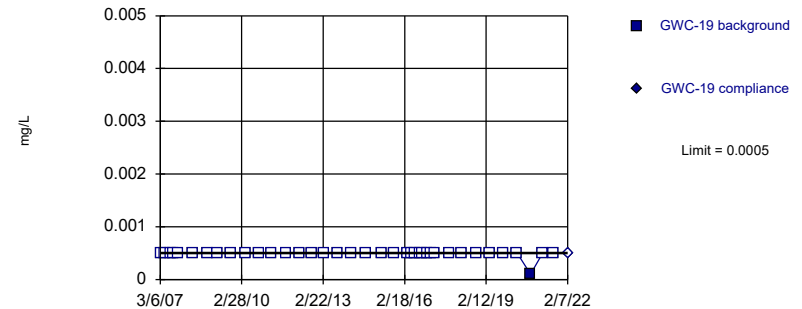


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 38) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Beryllium Analysis Run 3/31/2022 2:08 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

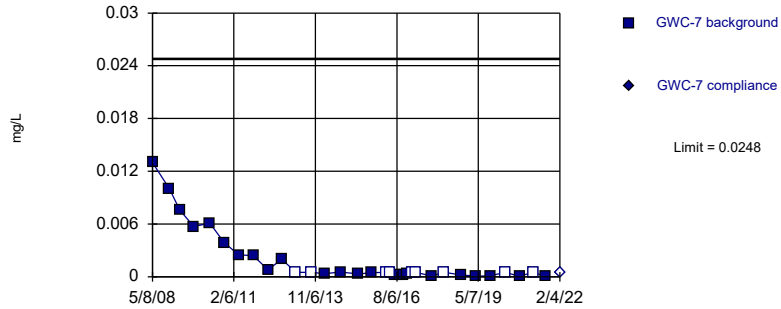
Prediction Limit Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Beryllium Analysis Run 3/31/2022 2:08 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

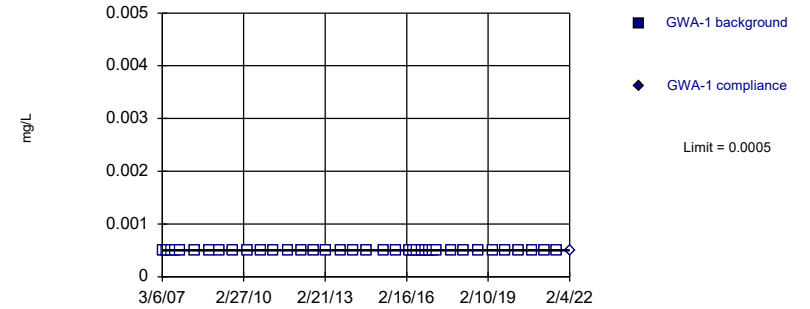
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary (based on natural log transformation) (after Kaplan-Meier Adjustment): Mean=-7.926, Std. Dev.=1.812, n=33, 27.27% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9262, critical = 0.906. Kappa = 2.334 (c=13, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0003376.

Constituent: Beryllium Analysis Run 3/31/2022 2:08 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

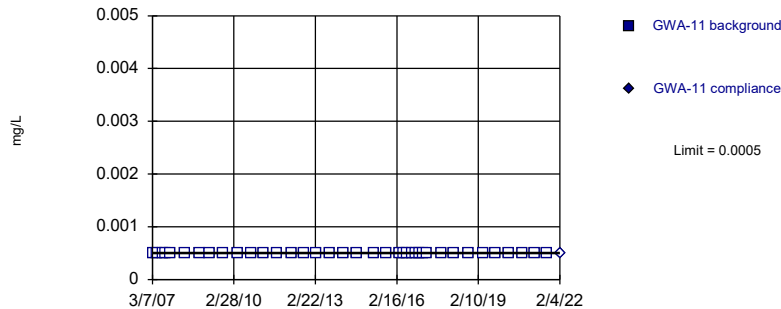
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 38) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Cadmium Analysis Run 3/31/2022 2:09 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

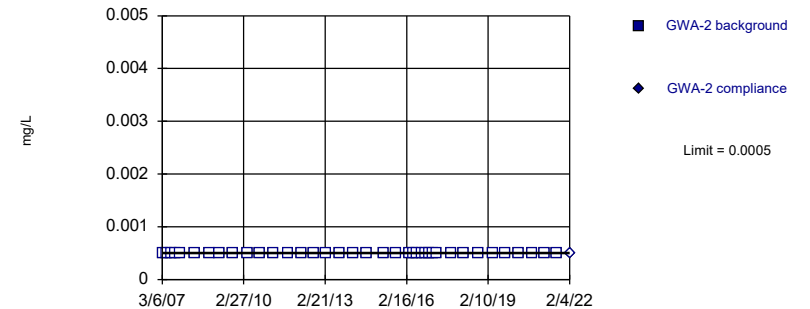
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 38) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Cadmium Analysis Run 3/31/2022 2:09 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit Prediction Limit
Intrawell Non-parametric



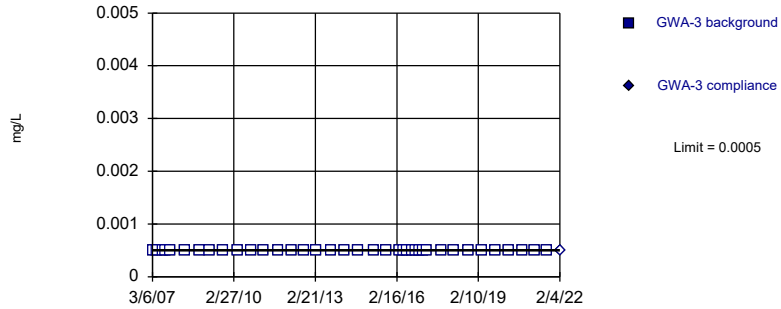
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 38) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Cadmium Analysis Run 3/31/2022 2:09 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.32] Sanitas software utilized by Groundwater Stats Consulting, UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



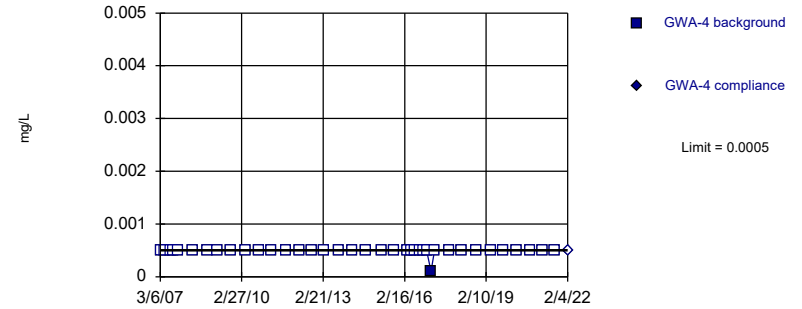
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 38) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Cadmium Analysis Run 3/31/2022 2:09 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.32] Sanitas software utilized by Groundwater Stats Consulting, UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



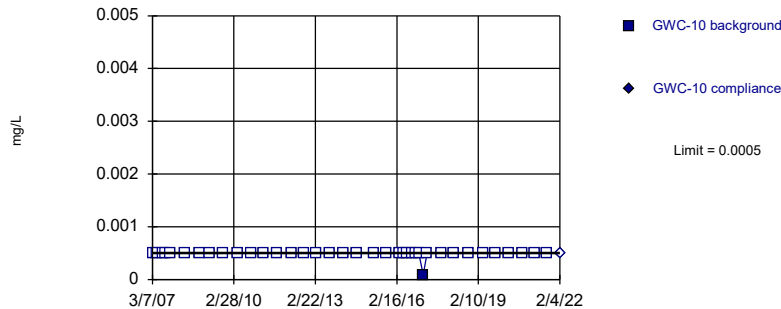
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Cadmium Analysis Run 3/31/2022 2:09 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.32] Sanitas software utilized by Groundwater Stats Consulting, UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



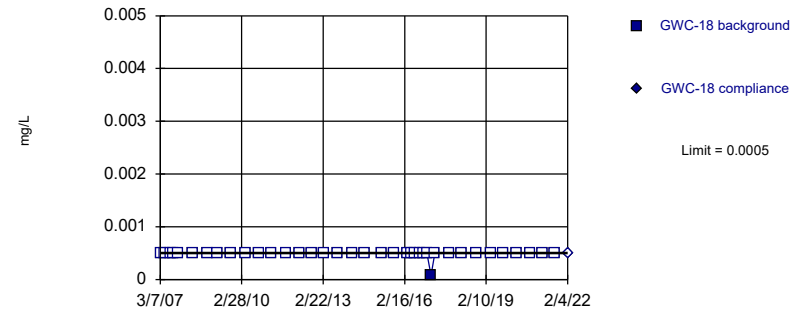
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Cadmium Analysis Run 3/31/2022 2:09 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.32] Sanitas software utilized by Groundwater Stats Consulting, UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric

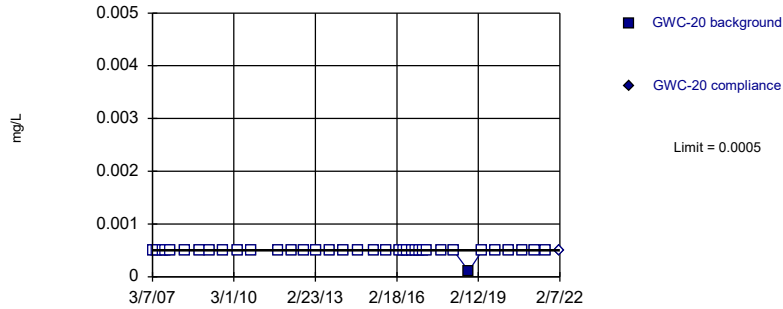


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Cadmium Analysis Run 3/31/2022 2:09 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

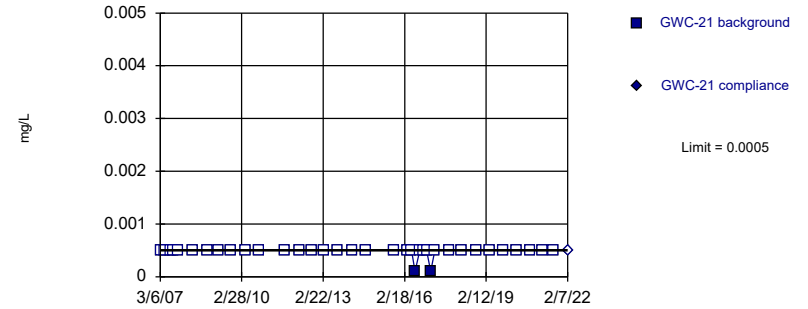


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Cadmium Analysis Run 3/31/2022 2:09 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

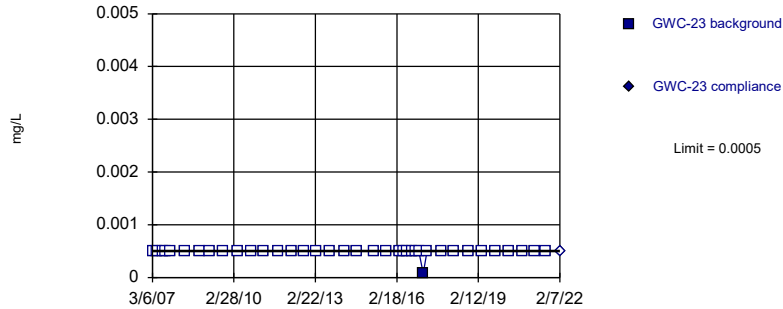


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 94.44% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Cadmium Analysis Run 3/31/2022 2:09 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

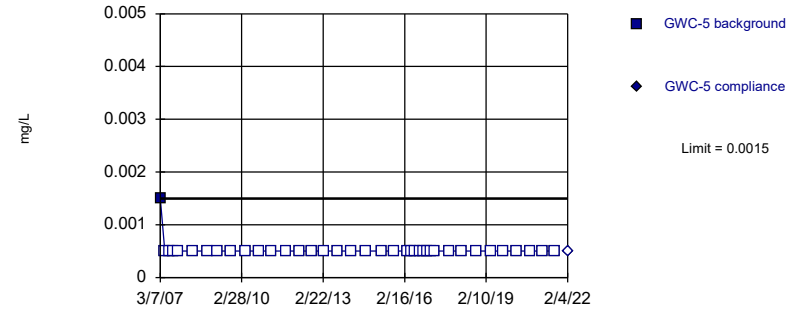


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Cadmium Analysis Run 3/31/2022 2:09 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

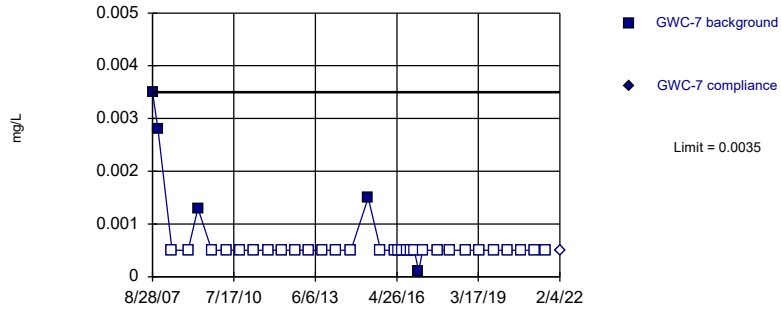


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Cadmium Analysis Run 3/31/2022 2:09 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

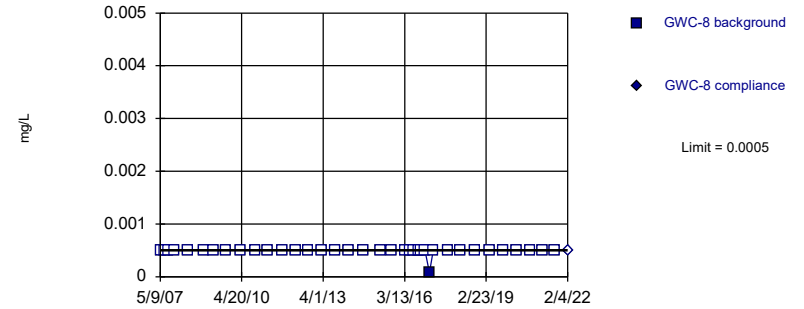


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 35 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.002991. Individual comparison alpha = 0.001497 (1 of 2).

Constituent: Cadmium Analysis Run 3/31/2022 2:09 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

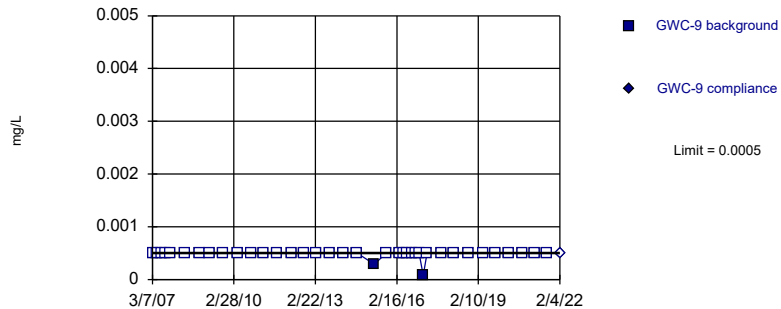


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Cadmium Analysis Run 3/31/2022 2:09 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

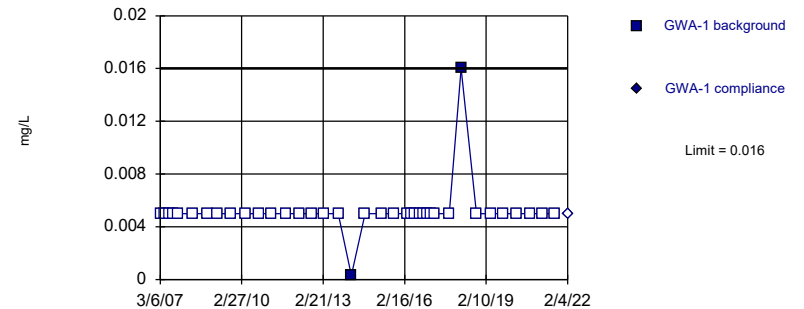


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Cadmium Analysis Run 3/31/2022 2:09 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

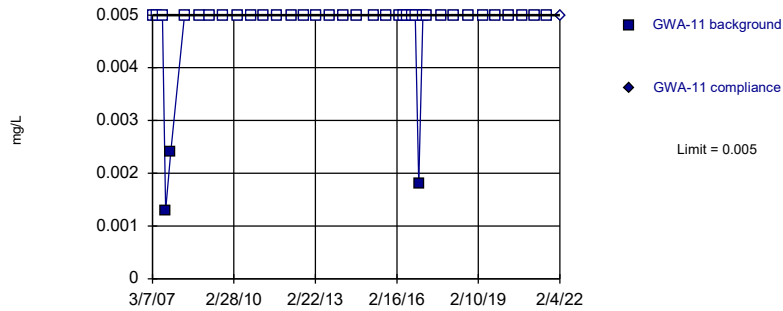


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Chromium Analysis Run 3/31/2022 2:09 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

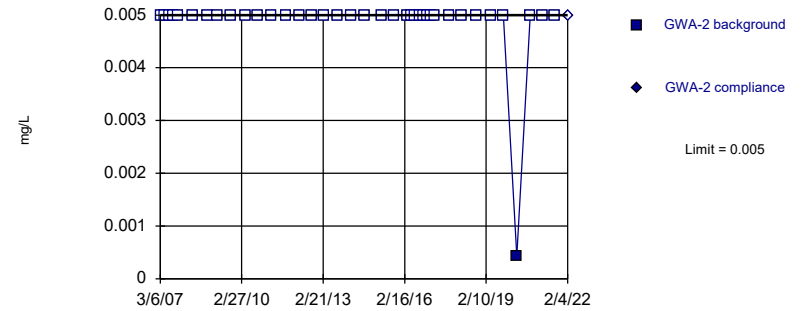


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 92.11% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Chromium Analysis Run 3/31/2022 2:09 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

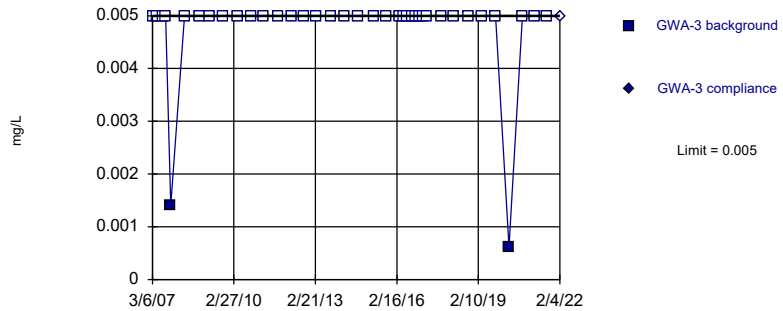


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Chromium Analysis Run 3/31/2022 2:09 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

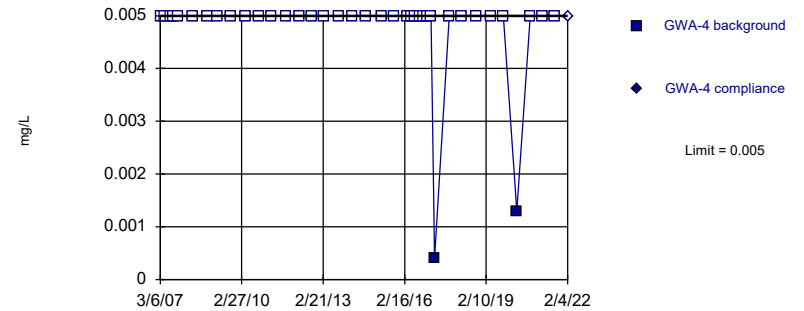


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Chromium Analysis Run 3/31/2022 2:09 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

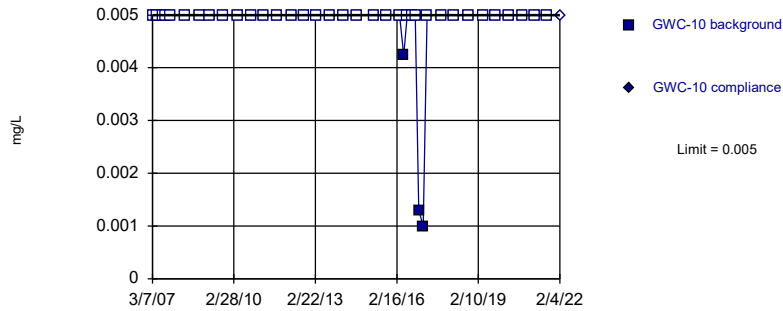


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Chromium Analysis Run 3/31/2022 2:09 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
 Intrawell Non-parametric

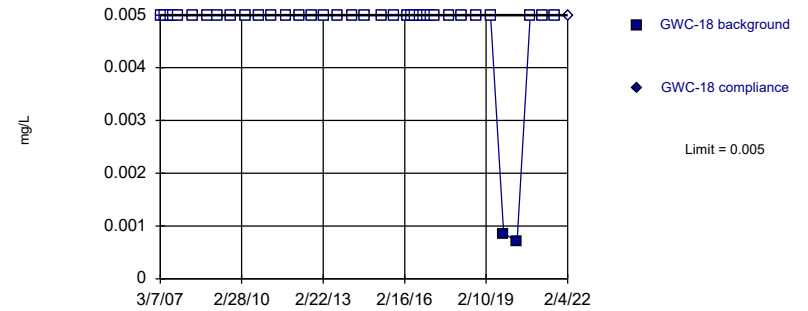


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 92.11% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Chromium Analysis Run 3/31/2022 2:09 PM View: PLs - Intrawell State
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
 Intrawell Non-parametric

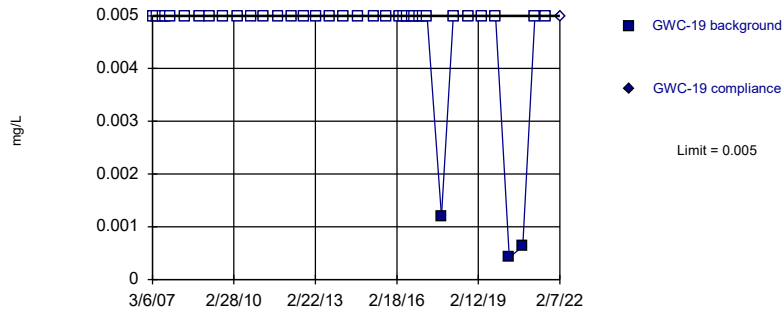


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Chromium Analysis Run 3/31/2022 2:09 PM View: PLs - Intrawell State
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
 Intrawell Non-parametric

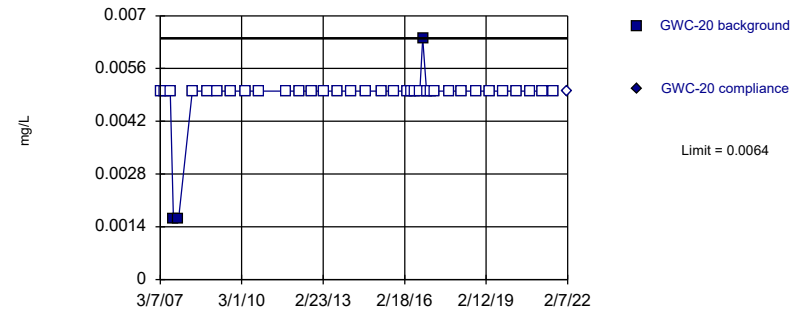


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 92.11% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Chromium Analysis Run 3/31/2022 2:09 PM View: PLs - Intrawell State
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
 Intrawell Non-parametric

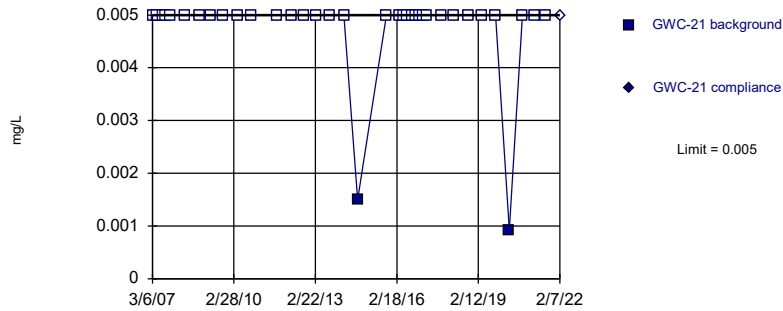


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Chromium Analysis Run 3/31/2022 2:09 PM View: PLs - Intrawell State
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

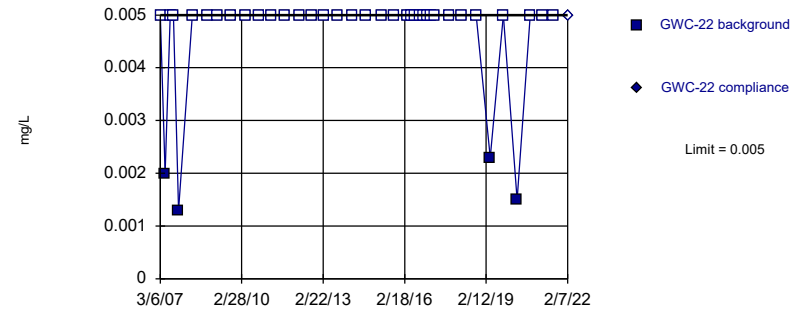


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 94.44% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Chromium Analysis Run 3/31/2022 2:09 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

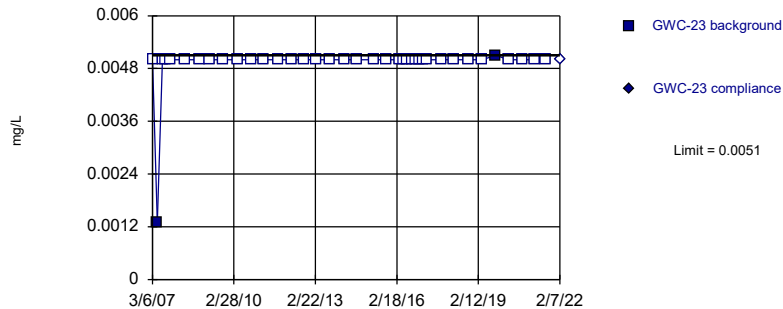


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 89.47% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Chromium Analysis Run 3/31/2022 2:09 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

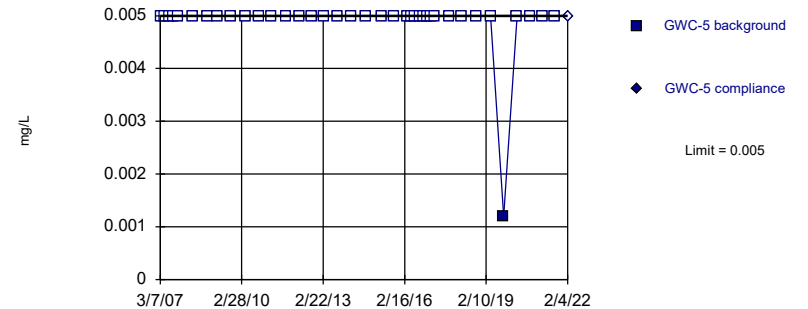


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Chromium Analysis Run 3/31/2022 2:09 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

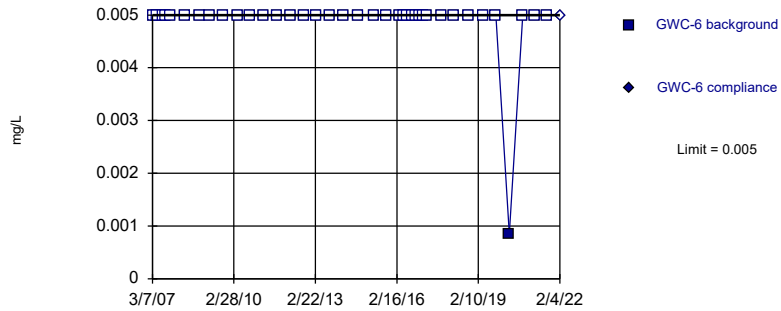


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Chromium Analysis Run 3/31/2022 2:09 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
 Intrawell Non-parametric

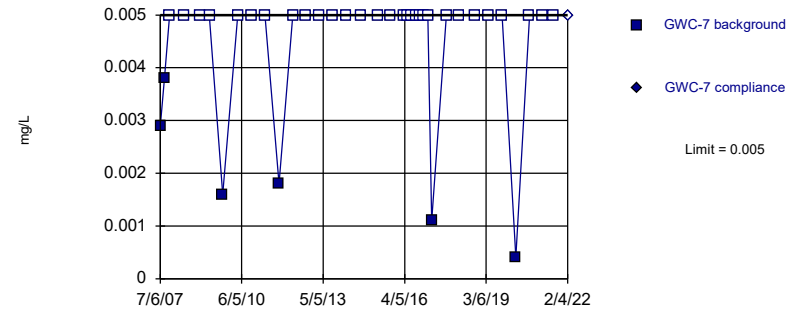


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Chromium Analysis Run 3/31/2022 2:09 PM View: PLs - Intrawell State
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
 Intrawell Non-parametric

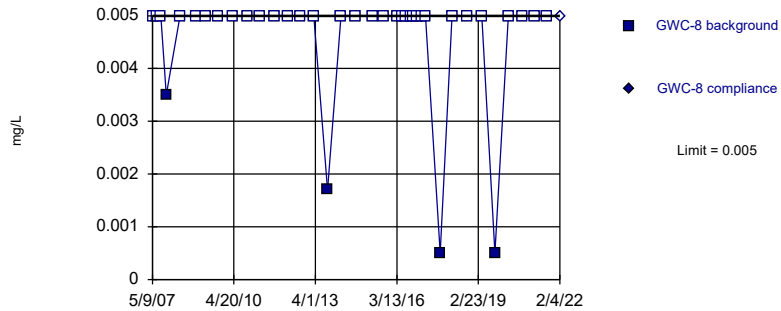


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 83.33% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Chromium Analysis Run 3/31/2022 2:09 PM View: PLs - Intrawell State
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
 Intrawell Non-parametric

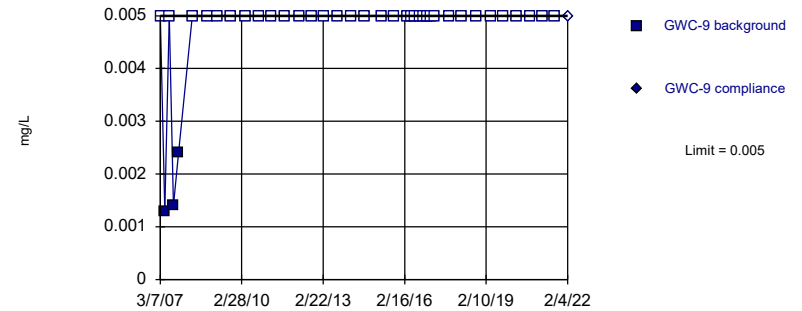


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 89.19% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Chromium Analysis Run 3/31/2022 2:09 PM View: PLs - Intrawell State
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
 Intrawell Non-parametric

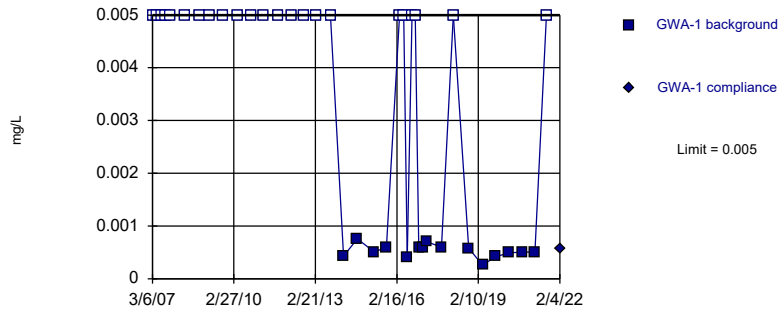


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 92.11% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Chromium Analysis Run 3/31/2022 2:09 PM View: PLs - Intrawell State
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

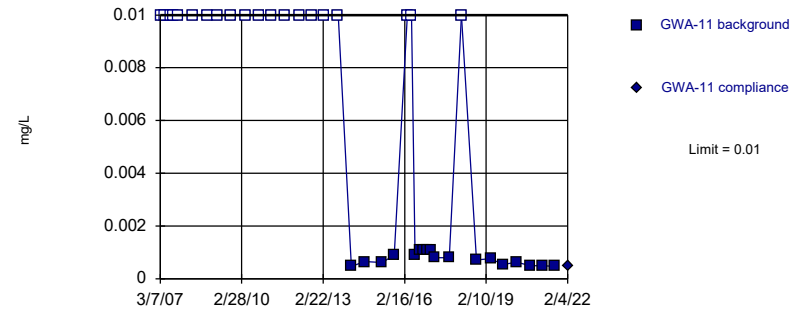


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 60.53% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Cobalt Analysis Run 3/31/2022 2:09 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

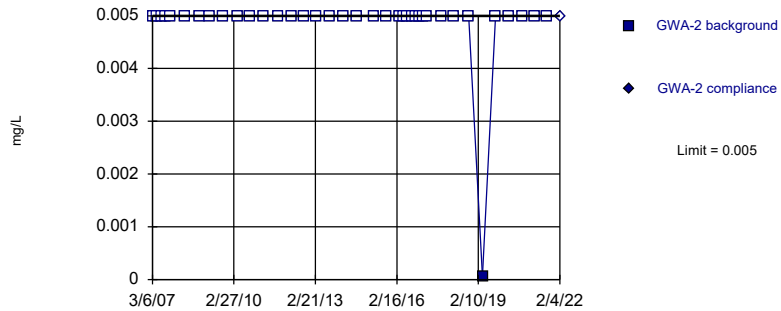


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 52.63% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Cobalt Analysis Run 3/31/2022 2:09 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

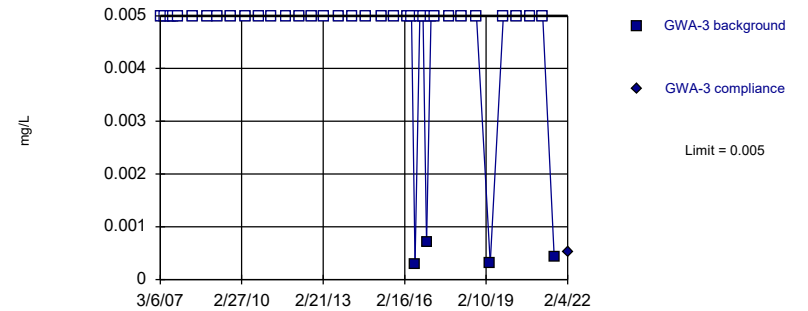


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Cobalt Analysis Run 3/31/2022 2:09 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

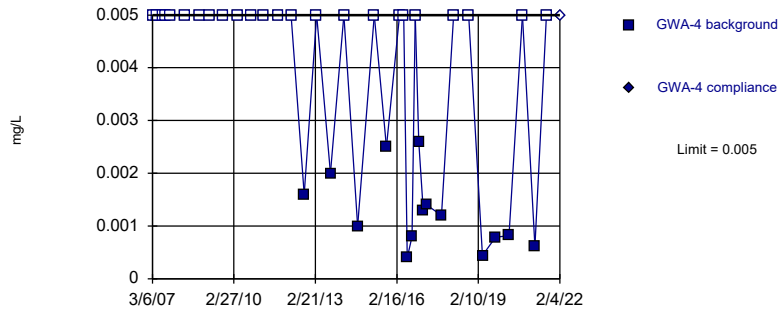


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 89.47% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Cobalt Analysis Run 3/31/2022 2:09 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
 Intrawell Non-parametric

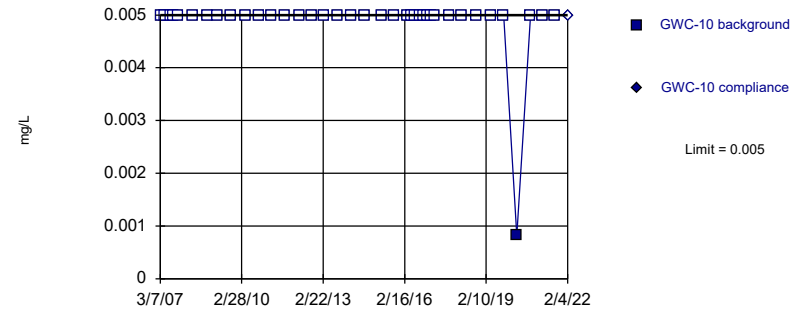


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 63.16% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Cobalt Analysis Run 3/31/2022 2:09 PM View: PLs - Intrawell State
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
 Intrawell Non-parametric

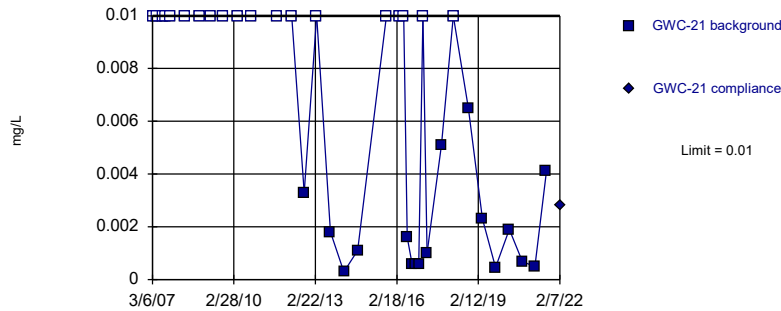


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Cobalt Analysis Run 3/31/2022 2:09 PM View: PLs - Intrawell State
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
 Intrawell Non-parametric

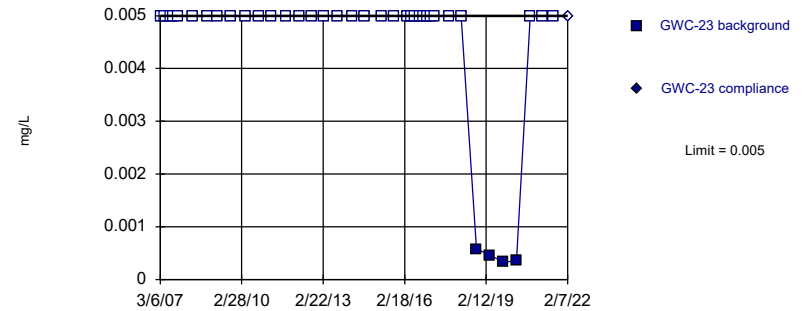


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 52.78% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Cobalt Analysis Run 3/31/2022 2:10 PM View: PLs - Intrawell State
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
 Intrawell Non-parametric

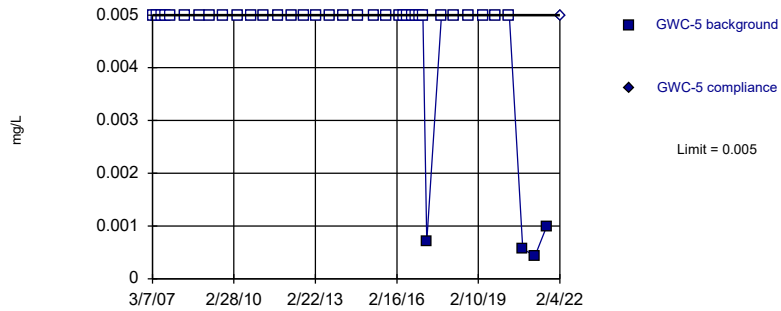


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 89.47% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Cobalt Analysis Run 3/31/2022 2:10 PM View: PLs - Intrawell State
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
 Intrawell Non-parametric

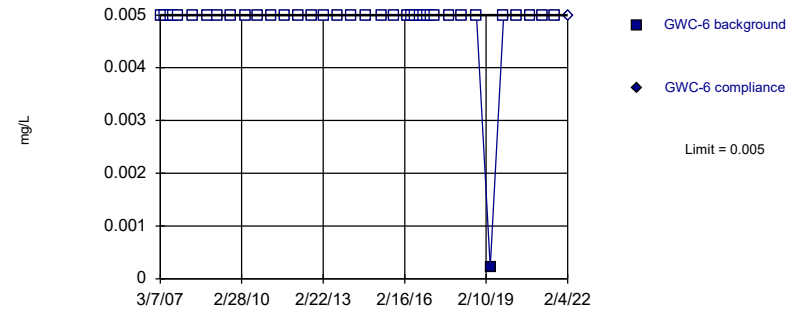


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 89.47% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Cobalt Analysis Run 3/31/2022 2:10 PM View: PLs - Intrawell State
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
 Intrawell Non-parametric

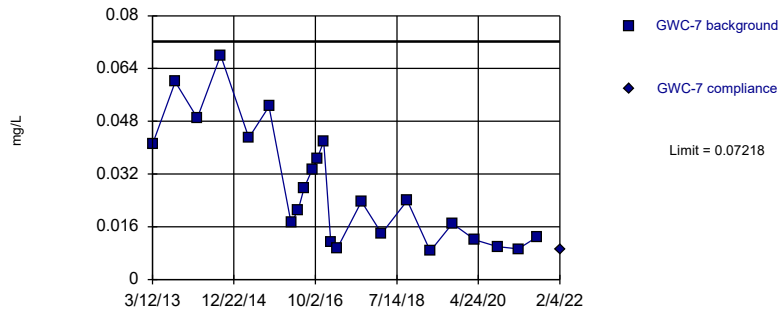


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Cobalt Analysis Run 3/31/2022 2:10 PM View: PLs - Intrawell State
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
 Intrawell Parametric

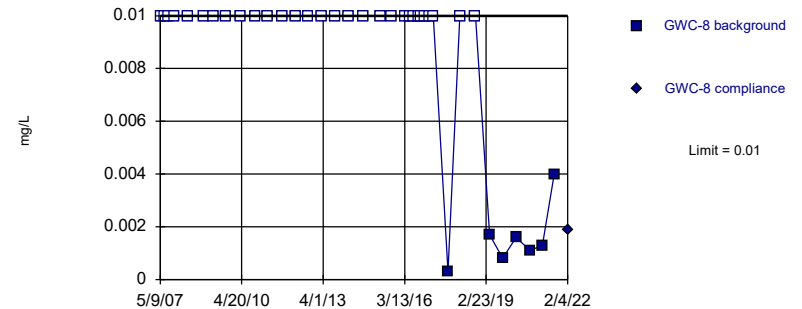


Background Data Summary: Mean=0.028, Std. Dev.=0.01788, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.899, critical = 0.881. Kappa = 2.471 (c=13, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0003376.

Constituent: Cobalt Analysis Run 3/31/2022 2:10 PM View: PLs - Intrawell State
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
 Intrawell Non-parametric

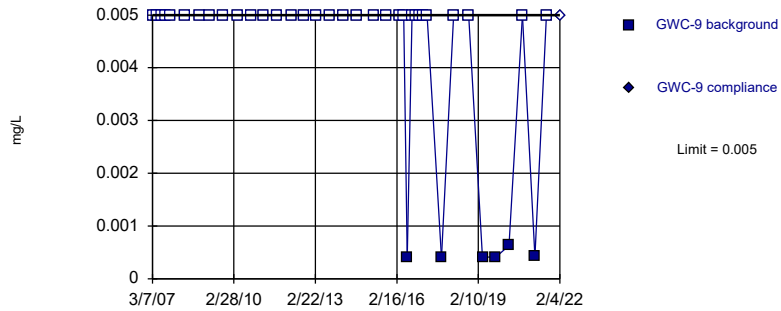


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 81.08% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Cobalt Analysis Run 3/31/2022 2:10 PM View: PLs - Intrawell State
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
 Intrawell Non-parametric

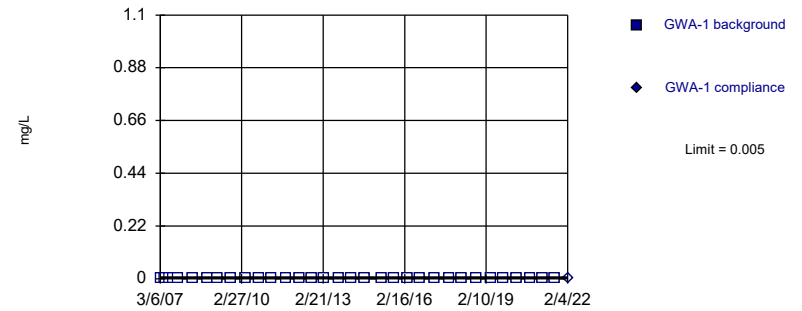


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 84.21% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Cobalt Analysis Run 3/31/2022 2:10 PM View: PLs - Intrawell State
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
 Intrawell Non-parametric

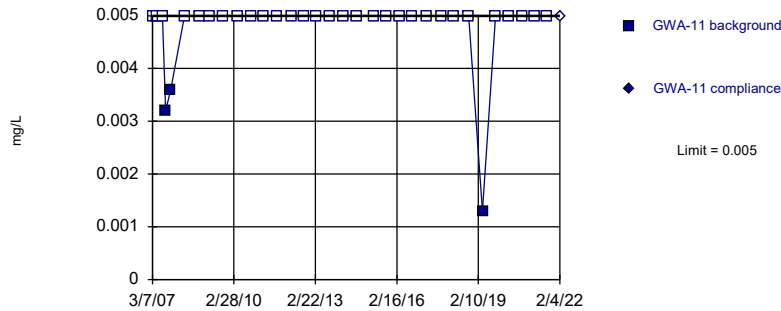


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 33) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Copper Analysis Run 3/31/2022 2:10 PM View: PLs - Intrawell State
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
 Intrawell Non-parametric

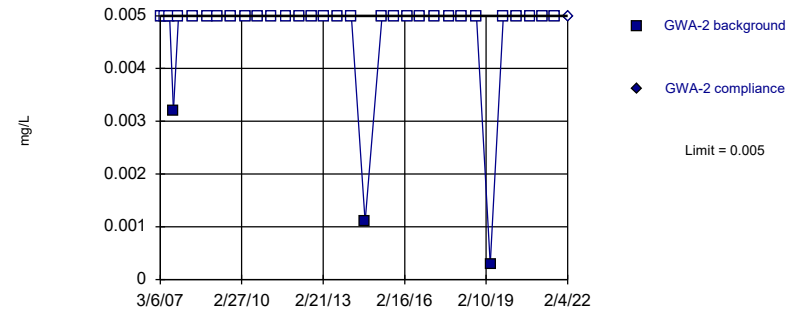


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Copper Analysis Run 3/31/2022 2:10 PM View: PLs - Intrawell State
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
 Intrawell Non-parametric

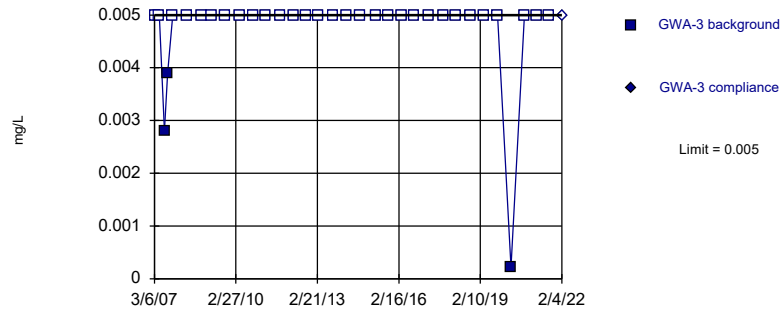


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Copper Analysis Run 3/31/2022 2:10 PM View: PLs - Intrawell State
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

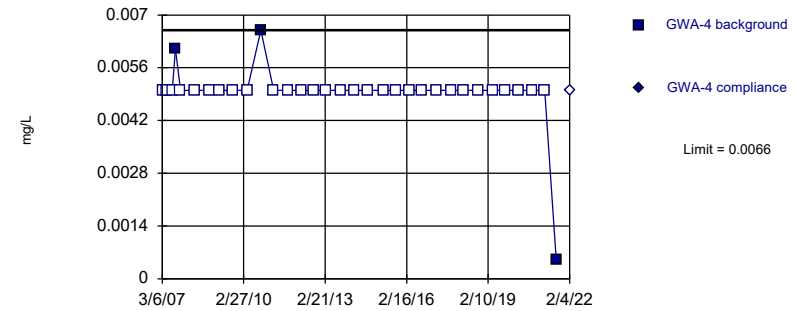


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Copper Analysis Run 3/31/2022 2:10 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

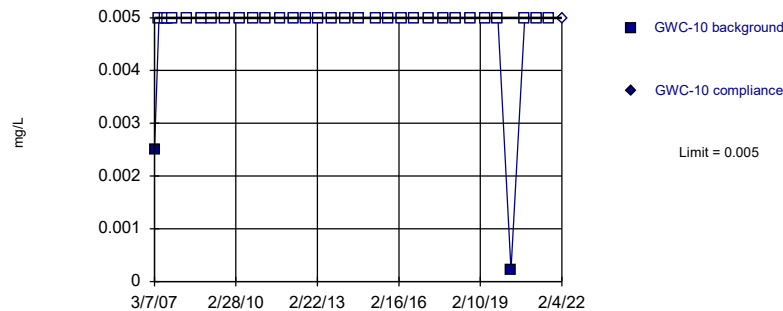


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Copper Analysis Run 3/31/2022 2:10 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

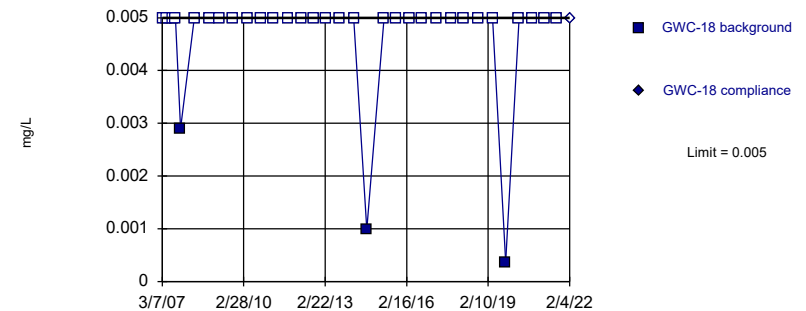


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 93.94% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Copper Analysis Run 3/31/2022 2:10 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

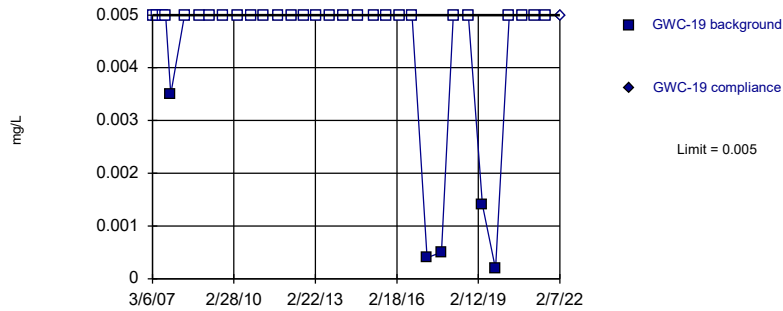


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Copper Analysis Run 3/31/2022 2:10 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

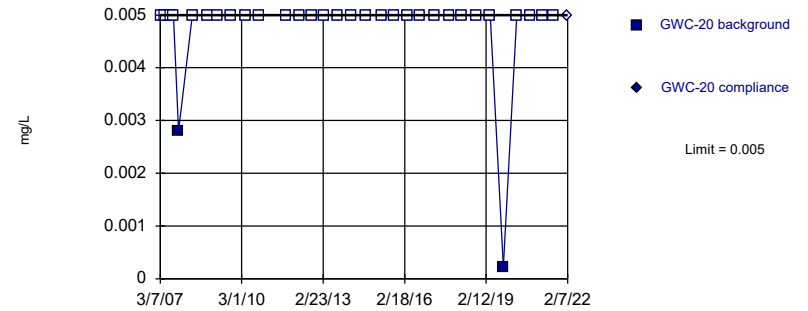


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 84.85% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Copper Analysis Run 3/31/2022 2:10 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

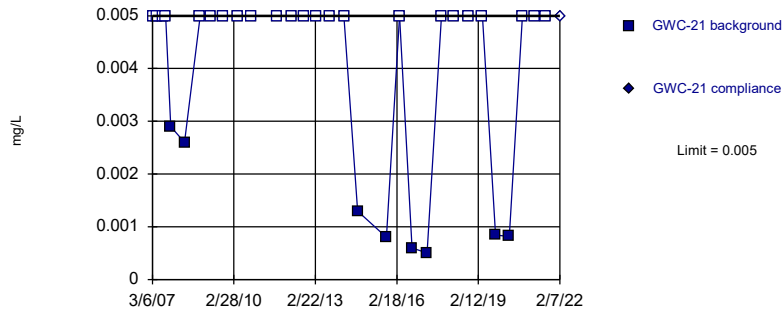


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Copper Analysis Run 3/31/2022 2:10 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

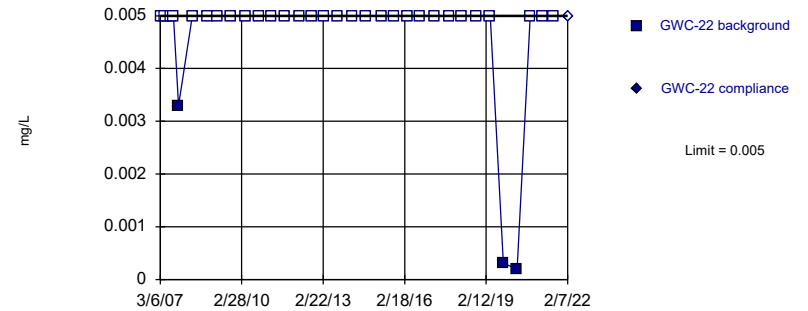


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 74.19% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Copper Analysis Run 3/31/2022 2:10 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

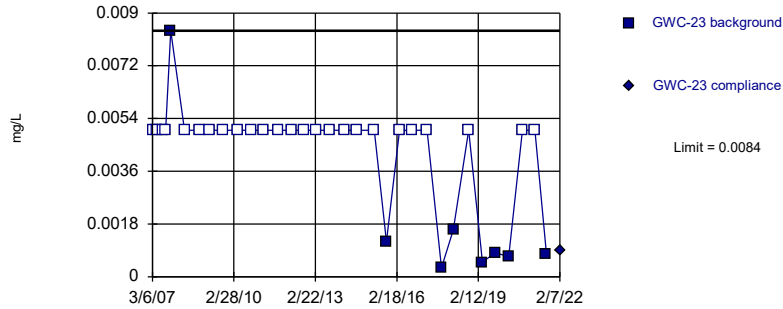


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Copper Analysis Run 3/31/2022 2:10 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

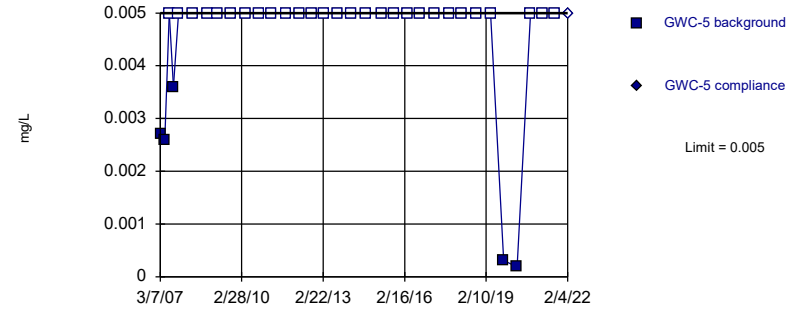


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 75.76% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Copper Analysis Run 3/31/2022 2:10 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

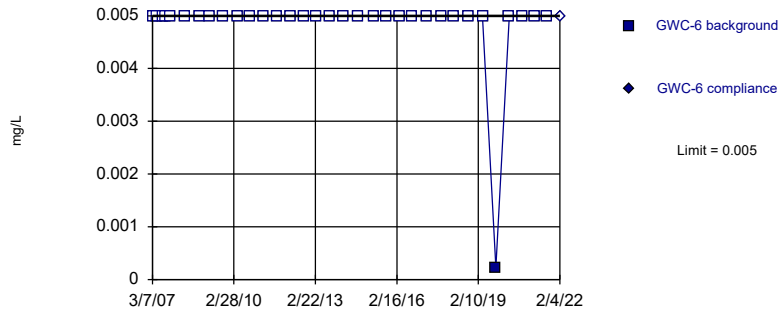


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 84.85% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Copper Analysis Run 3/31/2022 2:10 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

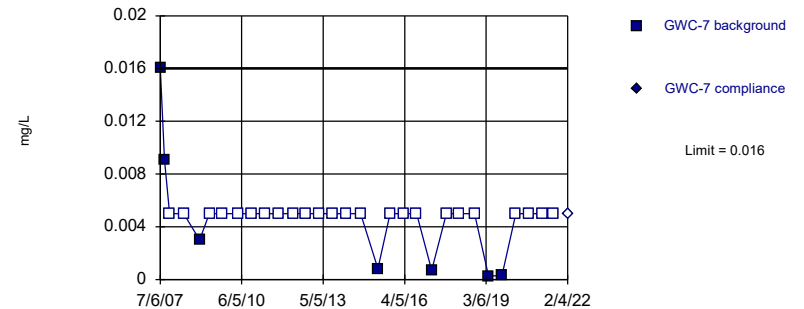


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Copper Analysis Run 3/31/2022 2:10 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

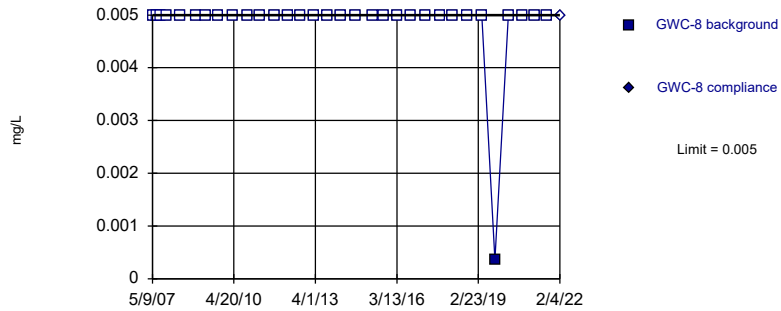


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 77.42% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Copper Analysis Run 3/31/2022 2:10 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

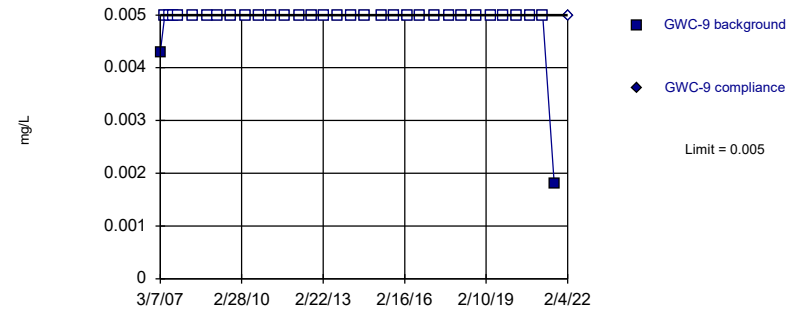


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Copper Analysis Run 3/31/2022 2:10 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

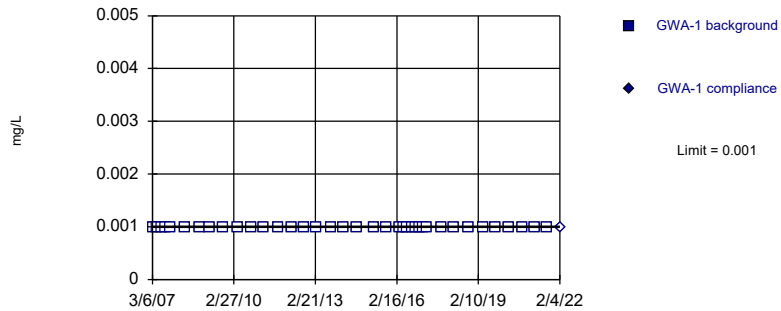


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 93.94% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Copper Analysis Run 3/31/2022 2:10 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

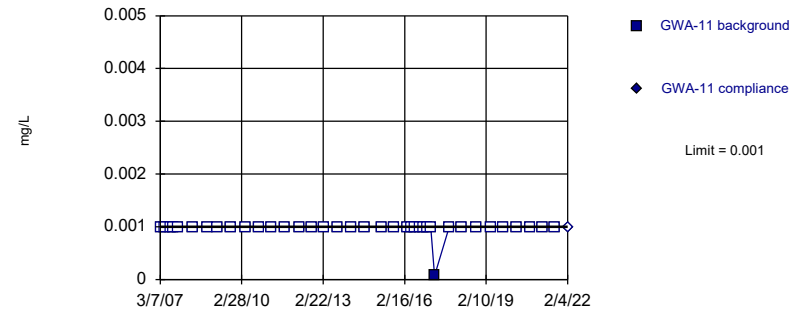


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 38) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Lead Analysis Run 3/31/2022 2:10 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

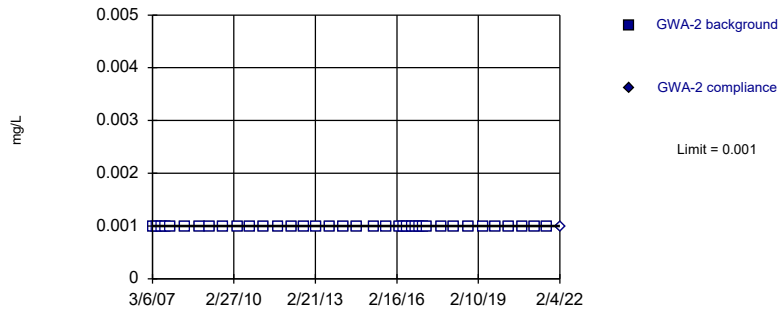


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Lead Analysis Run 3/31/2022 2:10 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

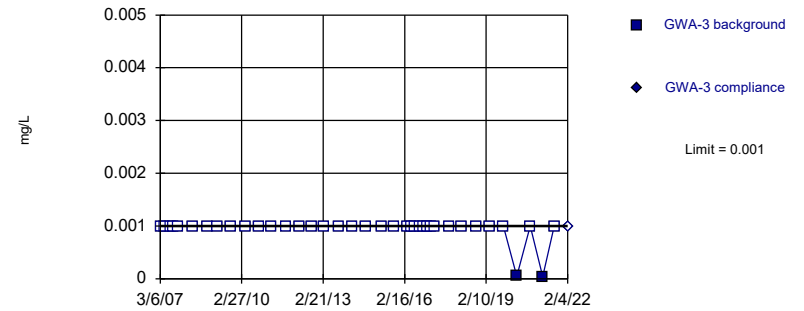


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 38) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Lead Analysis Run 3/31/2022 2:10 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

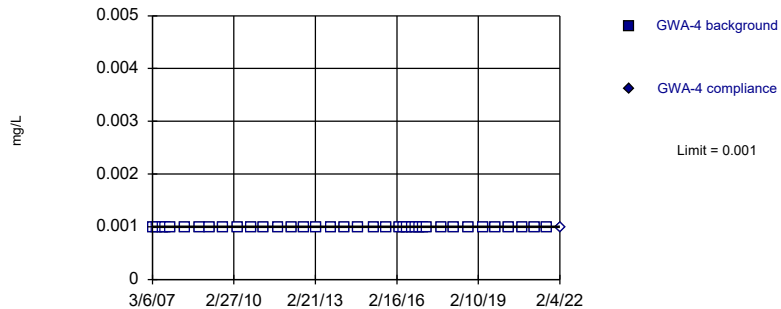


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Lead Analysis Run 3/31/2022 2:10 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

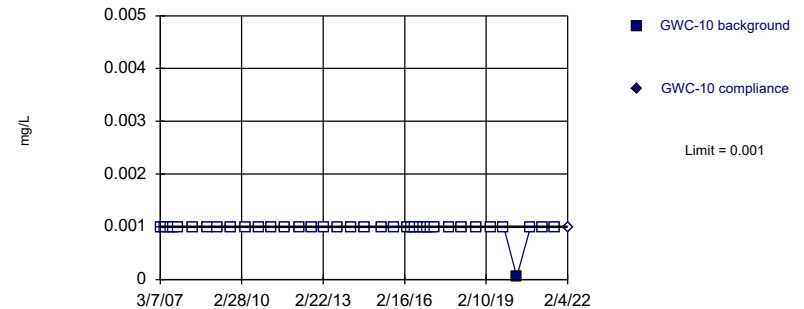


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 38) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Lead Analysis Run 3/31/2022 2:10 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

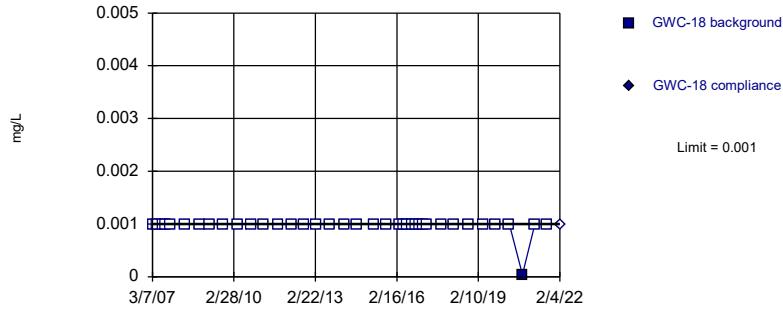


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Lead Analysis Run 3/31/2022 2:10 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

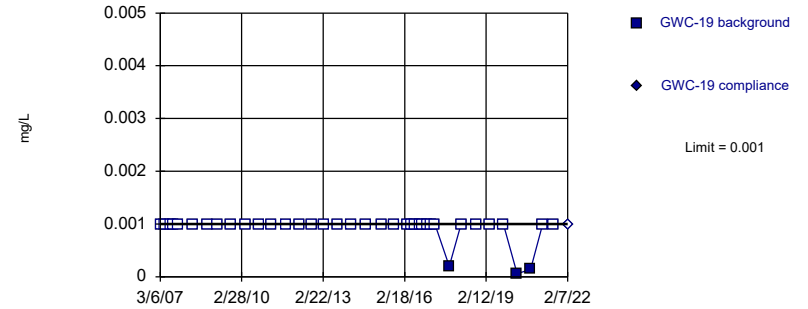


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Lead Analysis Run 3/31/2022 2:10 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

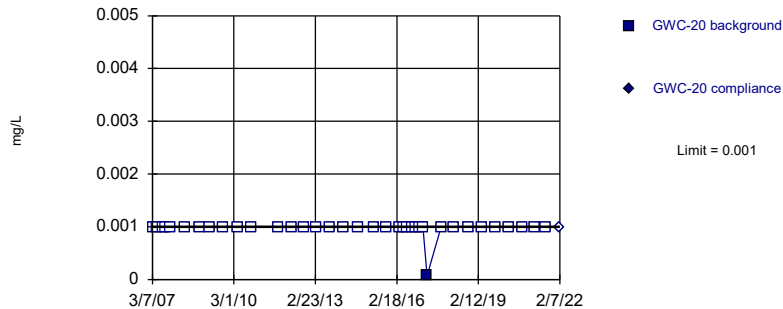


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 92.11% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Lead Analysis Run 3/31/2022 2:10 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

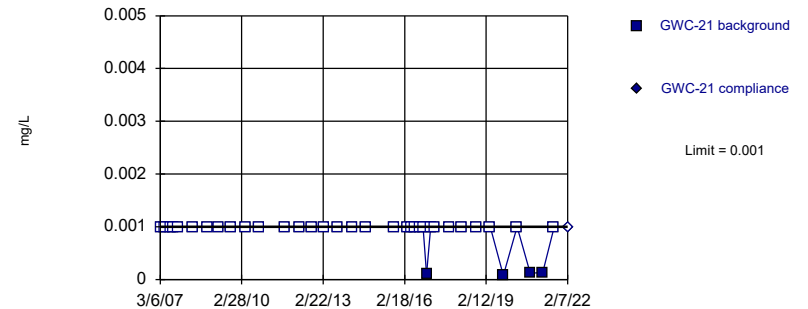


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Lead Analysis Run 3/31/2022 2:10 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

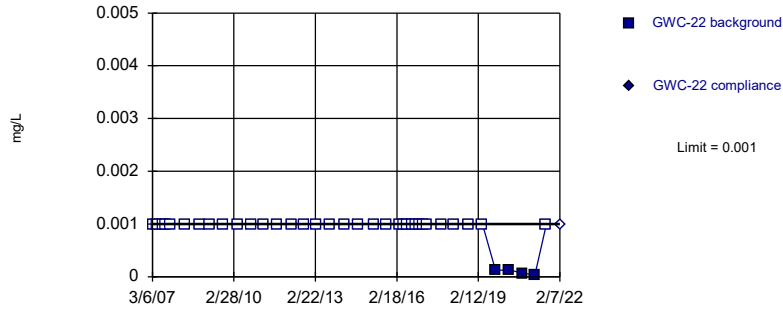


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 88.89% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Lead Analysis Run 3/31/2022 2:10 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

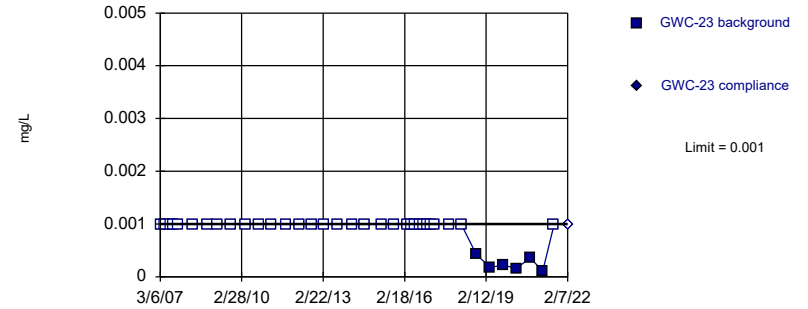


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 89.47% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Lead Analysis Run 3/31/2022 2:10 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

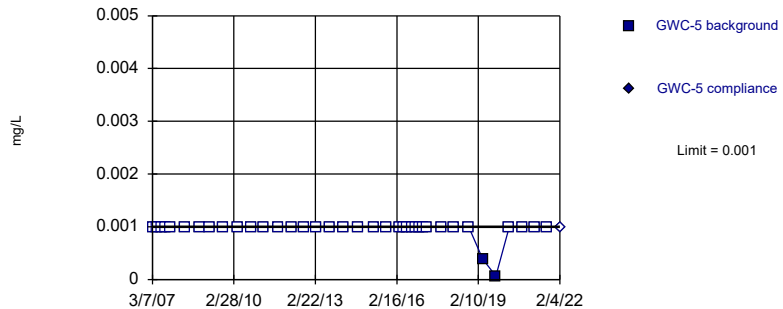


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 84.21% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Lead Analysis Run 3/31/2022 2:10 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

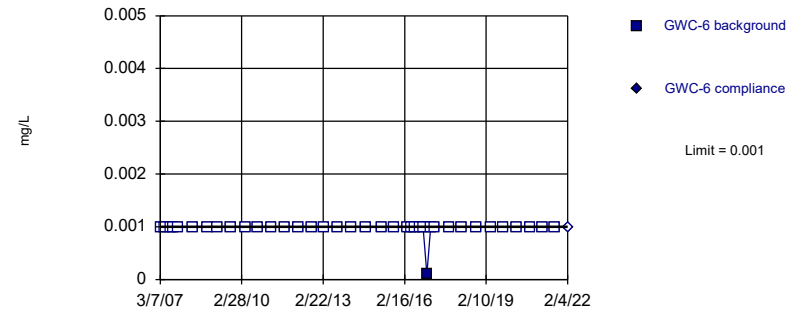


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Lead Analysis Run 3/31/2022 2:10 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

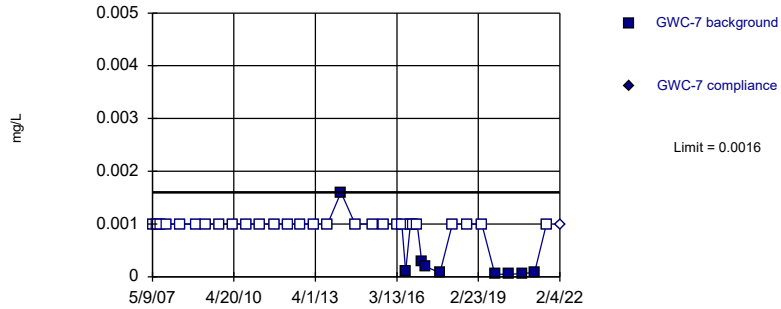


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Lead Analysis Run 3/31/2022 2:10 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

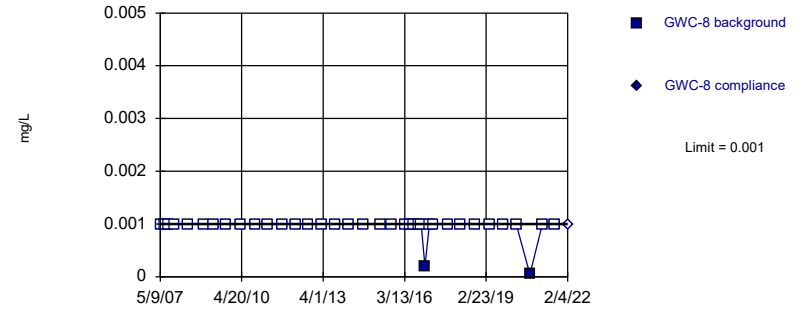


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 75.68% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Lead Analysis Run 3/31/2022 2:10 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

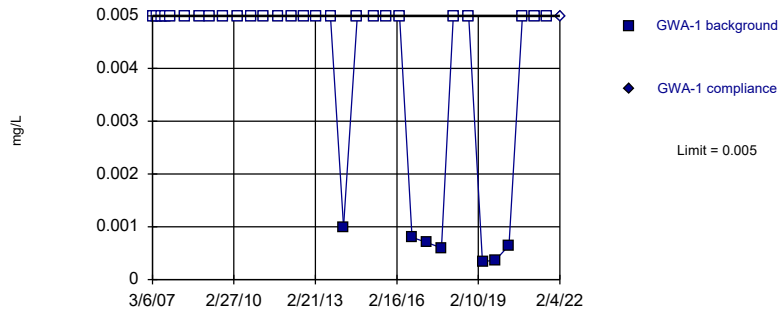


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 94.59% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Lead Analysis Run 3/31/2022 2:11 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

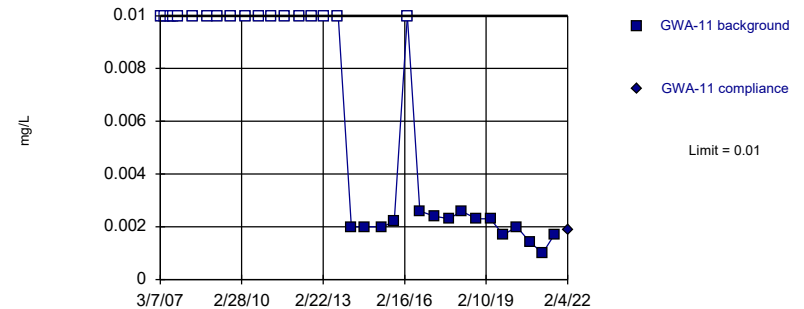


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 78.79% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Nickel Analysis Run 3/31/2022 2:11 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

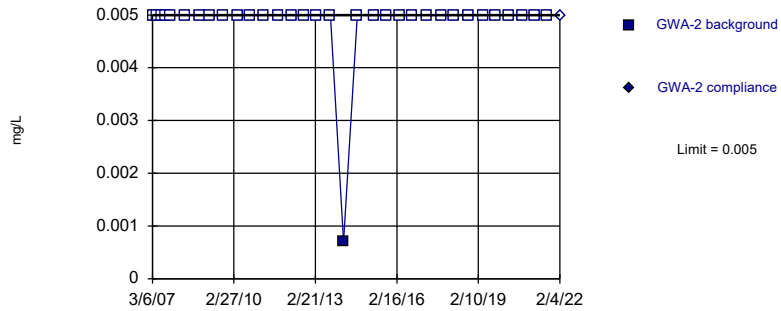


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 54.55% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Nickel Analysis Run 3/31/2022 2:11 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
 Intrawell Non-parametric

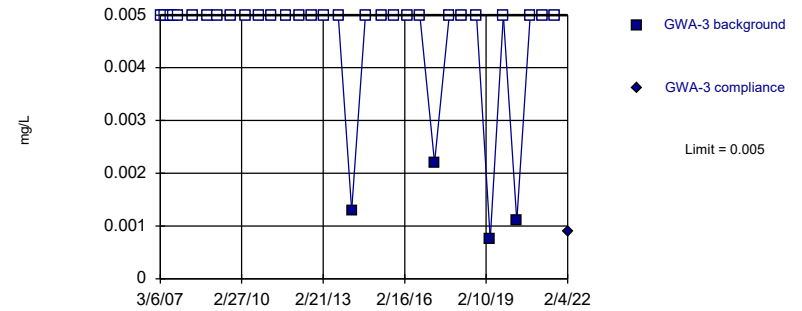


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Nickel Analysis Run 3/31/2022 2:11 PM View: PLs - Intrawell State
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
 Intrawell Non-parametric

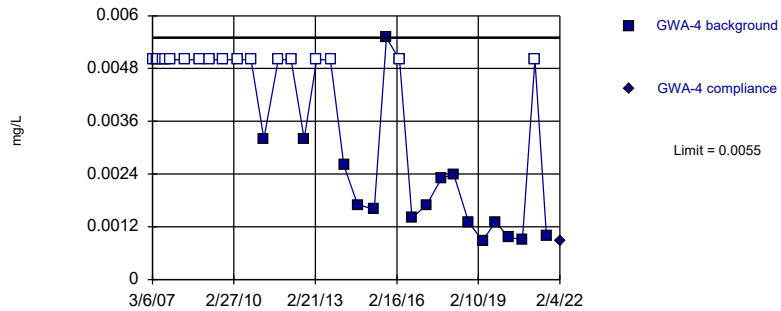


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 87.88% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Nickel Analysis Run 3/31/2022 2:11 PM View: PLs - Intrawell State
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
 Intrawell Non-parametric

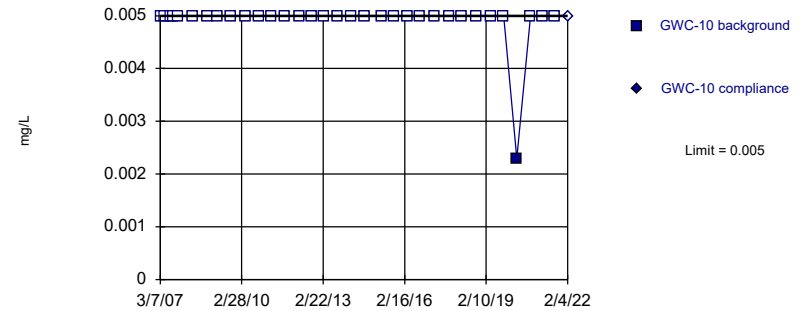


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 51.52% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Nickel Analysis Run 3/31/2022 2:11 PM View: PLs - Intrawell State
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
 Intrawell Non-parametric

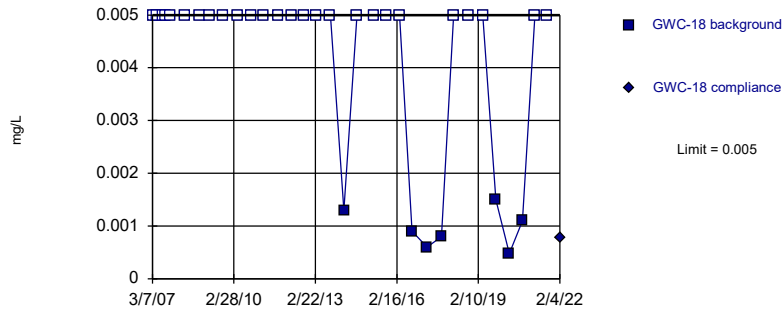


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Nickel Analysis Run 3/31/2022 2:11 PM View: PLs - Intrawell State
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

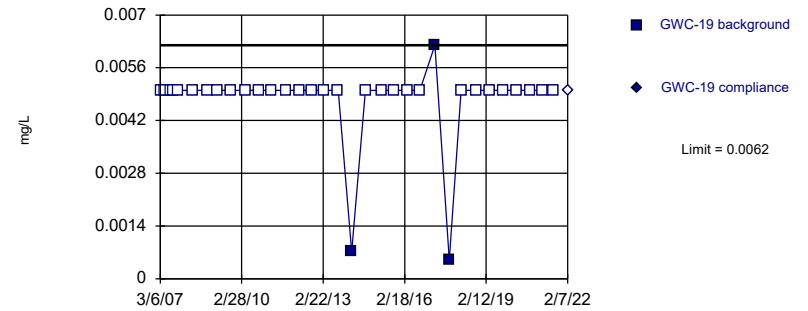


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 78.79% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Nickel Analysis Run 3/31/2022 2:11 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

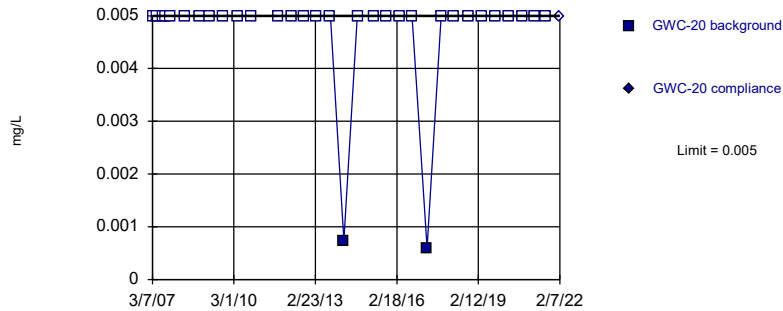


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Nickel Analysis Run 3/31/2022 2:11 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

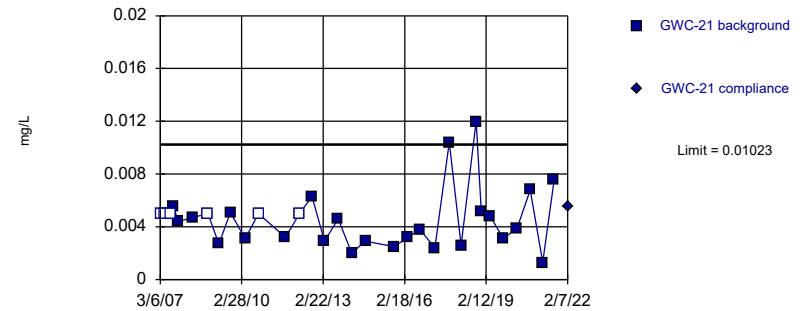


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Nickel Analysis Run 3/31/2022 2:11 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Parametric

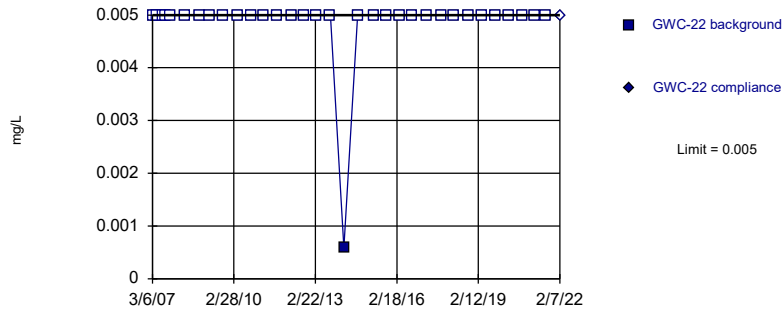


Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.06271, Std. Dev.=0.0164, n=32, 18.75% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9385, critical = 0.904. Kappa = 2.344 (c=13, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0003376.

Constituent: Nickel Analysis Run 3/31/2022 2:11 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

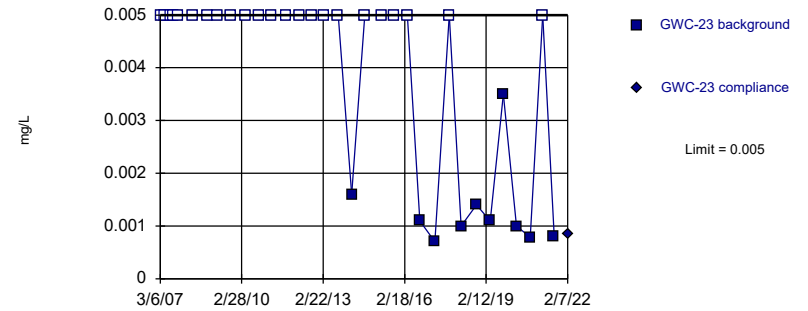


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Nickel Analysis Run 3/31/2022 2:11 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

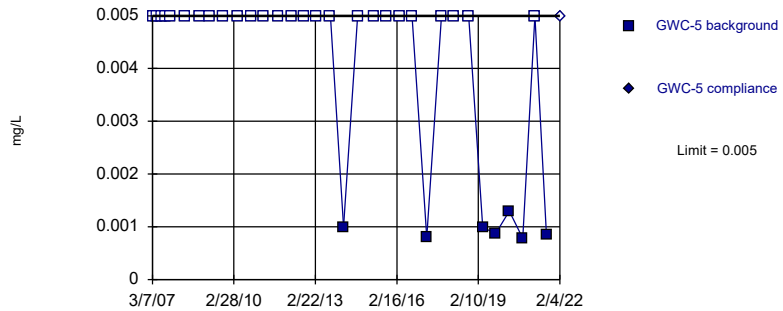


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 69.7% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Nickel Analysis Run 3/31/2022 2:11 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

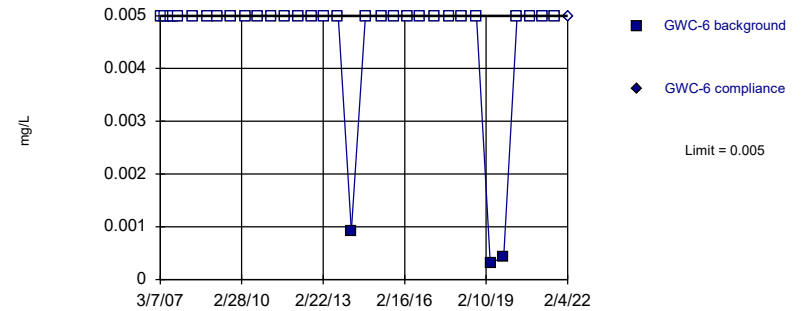


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 78.79% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Nickel Analysis Run 3/31/2022 2:11 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

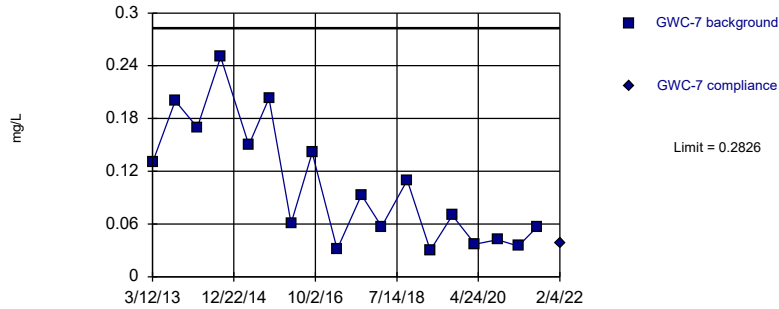


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Nickel Analysis Run 3/31/2022 2:11 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Parametric

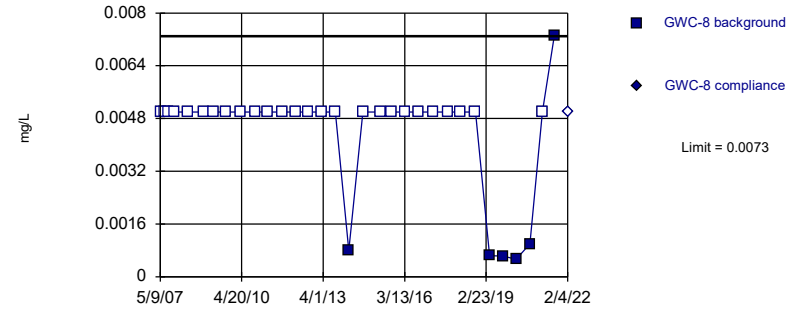


Background Data Summary: Mean=0.1037, Std. Dev.=0.06873, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.898, critical = 0.858. Kappa = 2.603 (c=13, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0003376.

Constituent: Nickel Analysis Run 3/31/2022 2:11 PM View: PLs - Intrawell State
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

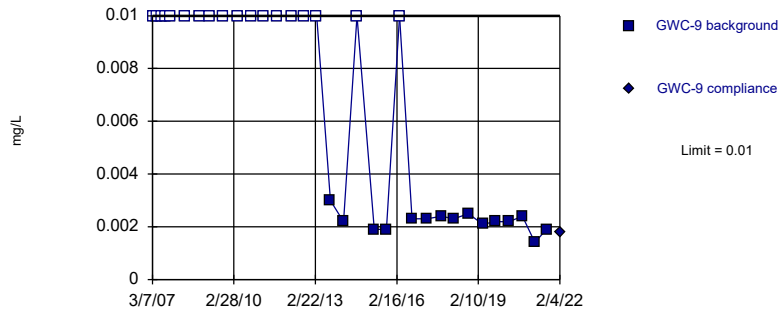


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 81.25% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Nickel Analysis Run 3/31/2022 2:11 PM View: PLs - Intrawell State
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

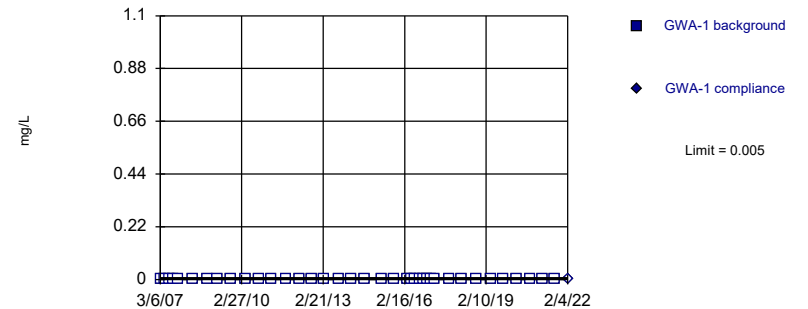


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 54.55% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Nickel Analysis Run 3/31/2022 2:11 PM View: PLs - Intrawell State
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

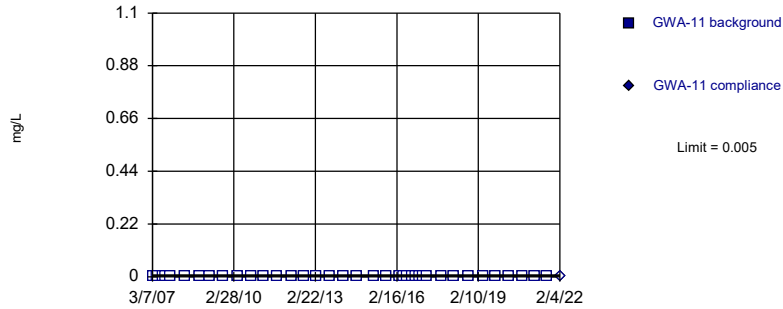
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 38) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Selenium Analysis Run 3/31/2022 2:11 PM View: PLs - Intrawell State
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

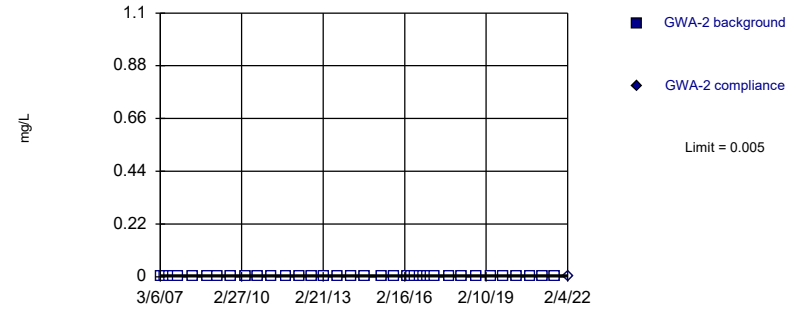
Within Limit Prediction Limit
 Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 38) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Selenium Analysis Run 3/31/2022 2:11 PM View: PLs - Intrawell State
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

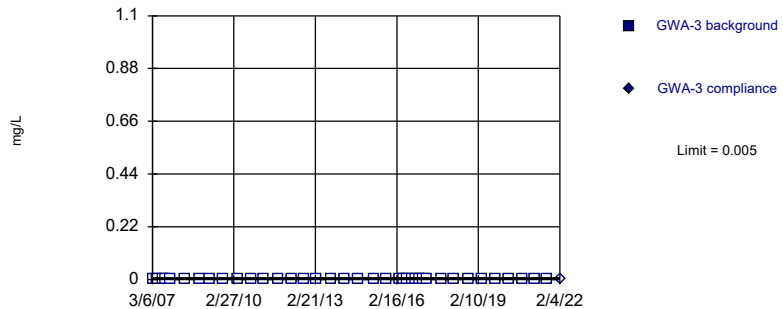
Within Limit Prediction Limit
 Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 38) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Selenium Analysis Run 3/31/2022 2:11 PM View: PLs - Intrawell State
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

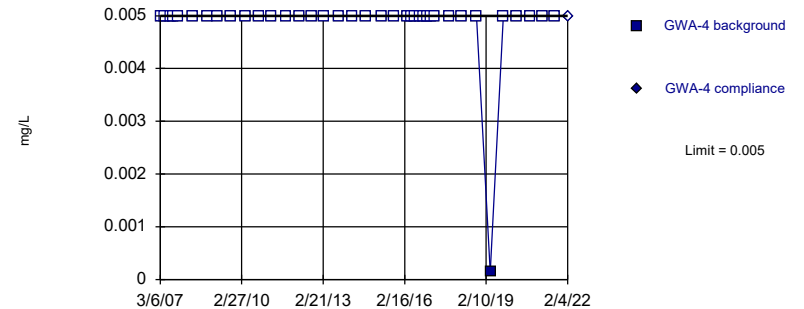
Within Limit Prediction Limit
 Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 38) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Selenium Analysis Run 3/31/2022 2:11 PM View: PLs - Intrawell State
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit Prediction Limit
 Intrawell Non-parametric

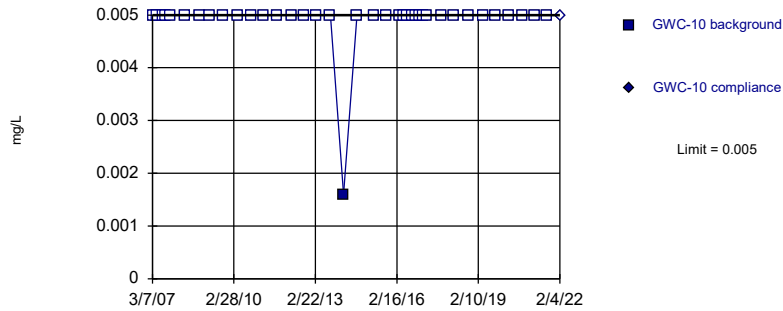


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Selenium Analysis Run 3/31/2022 2:11 PM View: PLs - Intrawell State
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
 Intrawell Non-parametric

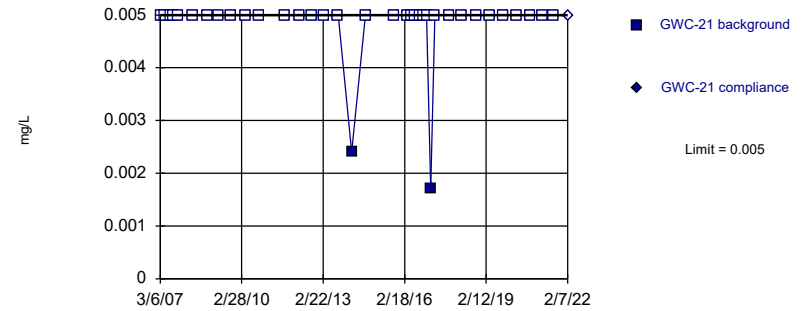


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Selenium Analysis Run 3/31/2022 2:11 PM View: PLs - Intrawell State
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
 Intrawell Non-parametric

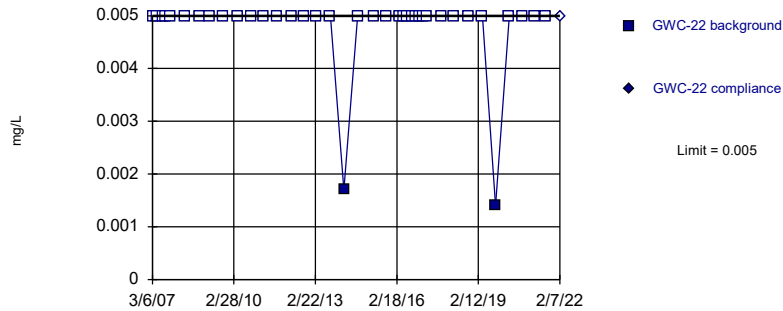


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 94.44% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Selenium Analysis Run 3/31/2022 2:11 PM View: PLs - Intrawell State
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
 Intrawell Non-parametric

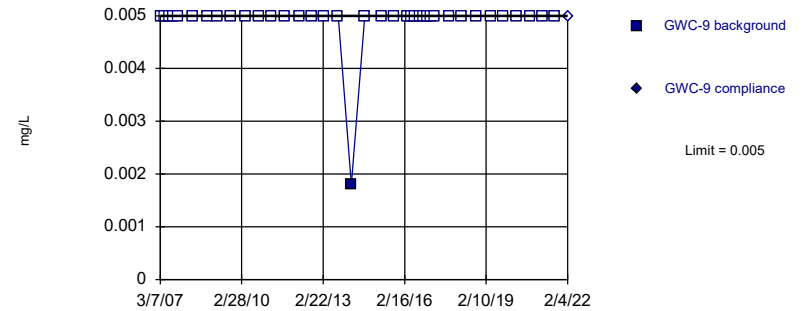


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Selenium Analysis Run 3/31/2022 2:11 PM View: PLs - Intrawell State
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
 Intrawell Non-parametric

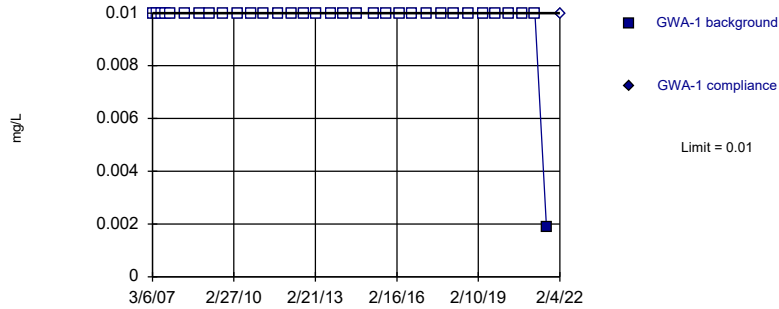


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Selenium Analysis Run 3/31/2022 2:11 PM View: PLs - Intrawell State
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

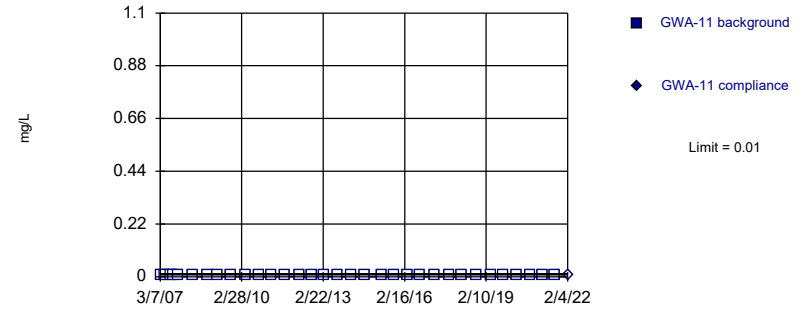


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Vanadium Analysis Run 3/31/2022 2:11 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

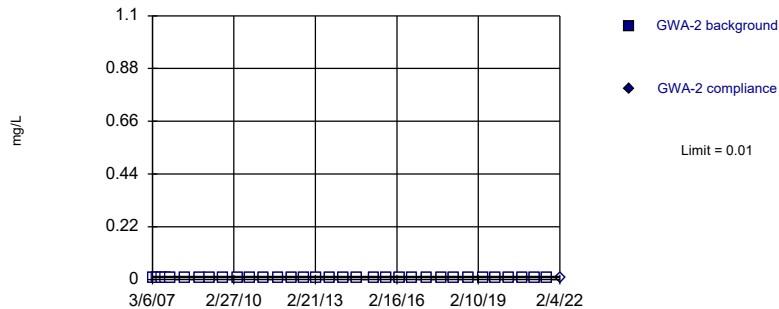


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 33) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Vanadium Analysis Run 3/31/2022 2:11 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

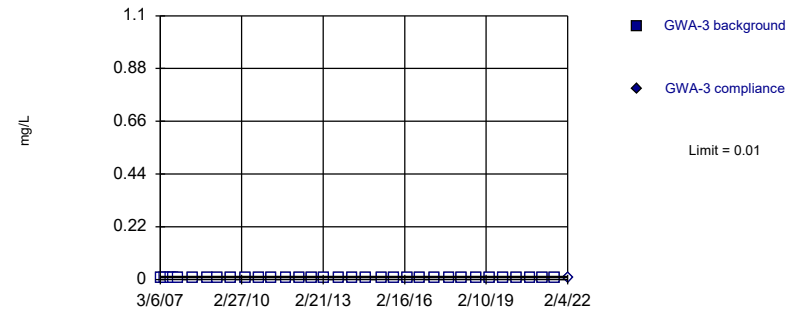


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 33) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Vanadium Analysis Run 3/31/2022 2:11 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

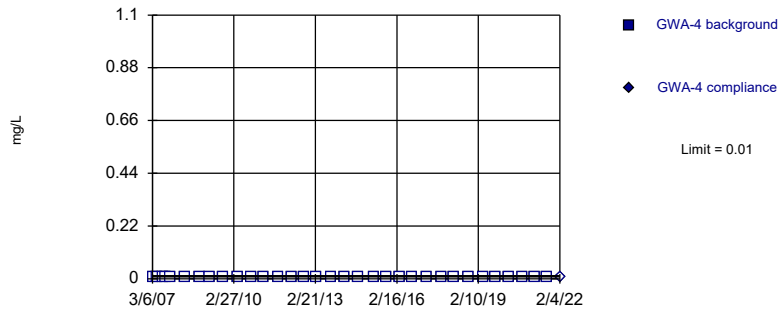
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 33) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Vanadium Analysis Run 3/31/2022 2:11 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

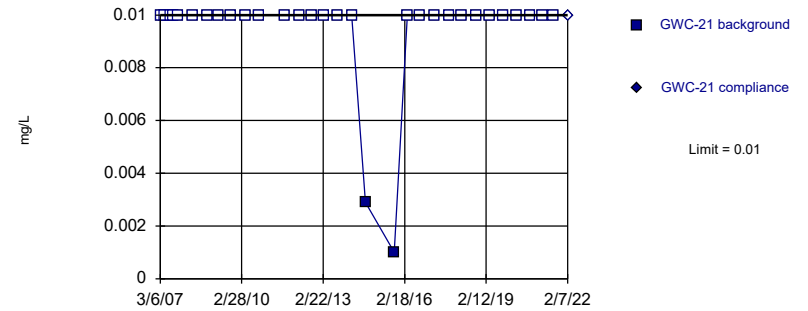
Within Limit Prediction Limit
 Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 33) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Vanadium Analysis Run 3/31/2022 2:11 PM View: PLs - Intrawell State
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

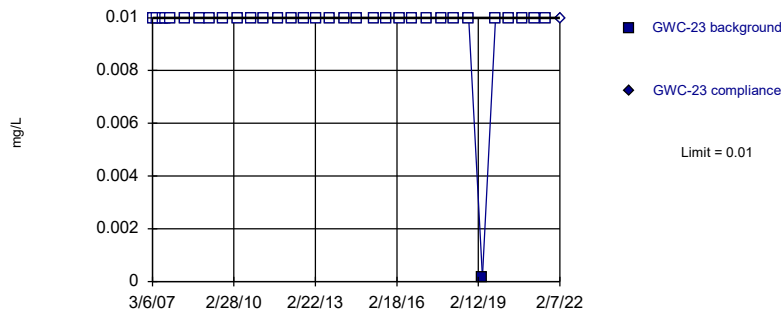
Within Limit Prediction Limit
 Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 93.55% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Vanadium Analysis Run 3/31/2022 2:11 PM View: PLs - Intrawell State
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

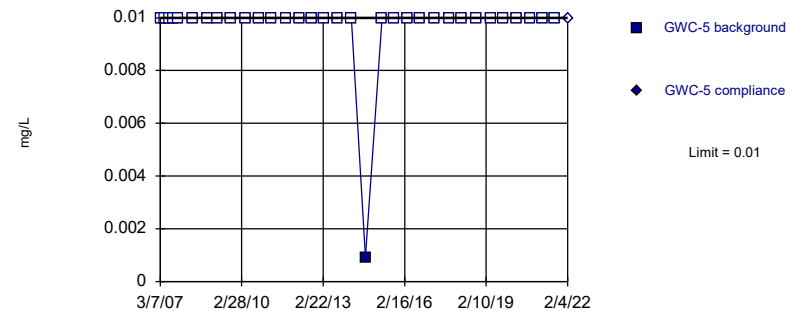
Within Limit Prediction Limit
 Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Vanadium Analysis Run 3/31/2022 2:11 PM View: PLs - Intrawell State
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit Prediction Limit
 Intrawell Non-parametric

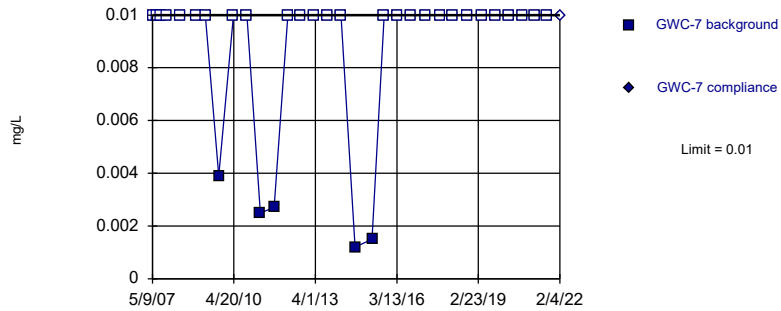


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Vanadium Analysis Run 3/31/2022 2:11 PM View: PLs - Intrawell State
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

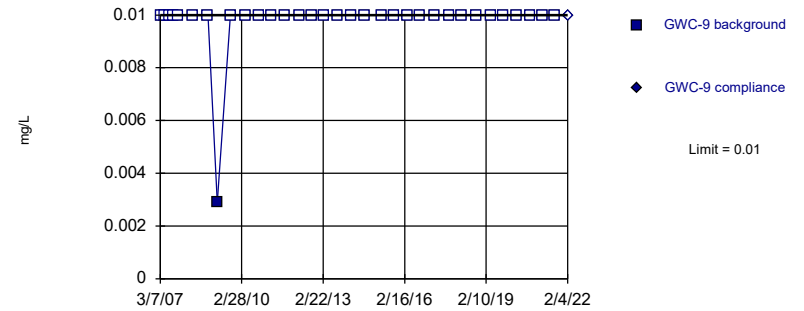


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 84.38% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Vanadium Analysis Run 3/31/2022 2:11 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

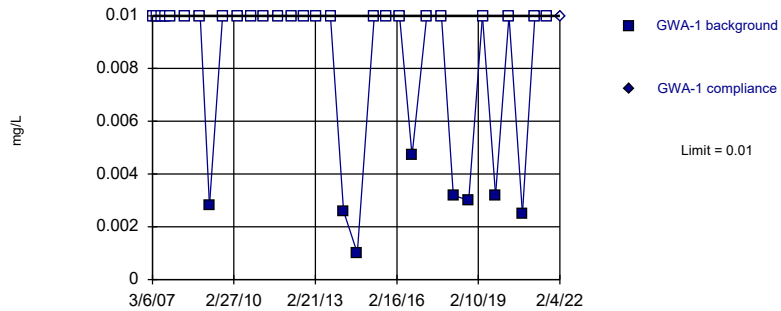


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Vanadium Analysis Run 3/31/2022 2:11 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

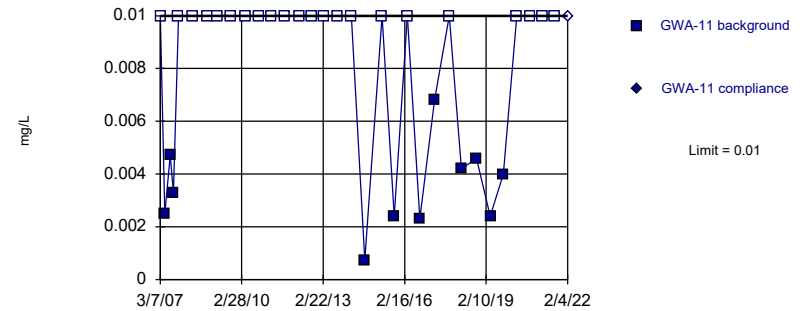


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 75.76% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Zinc Analysis Run 3/31/2022 2:11 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

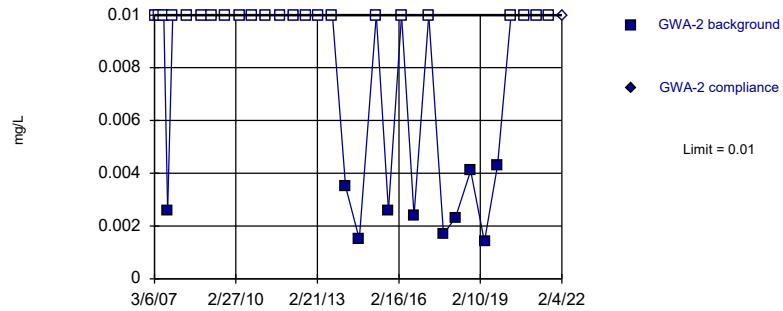


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Zinc Analysis Run 3/31/2022 2:11 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
 Intrawell Non-parametric

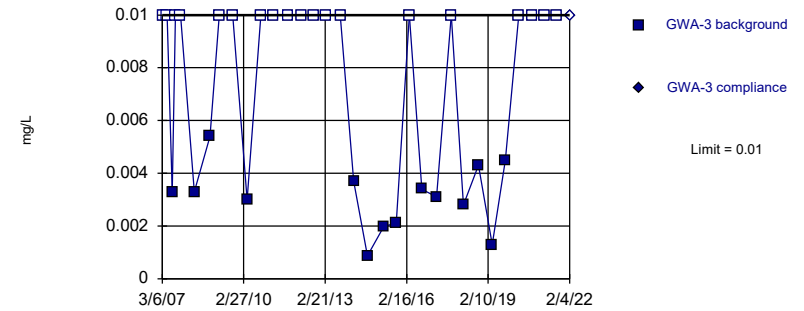


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 69.7% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Zinc Analysis Run 3/31/2022 2:11 PM View: PLs - Intrawell State
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
 Intrawell Non-parametric

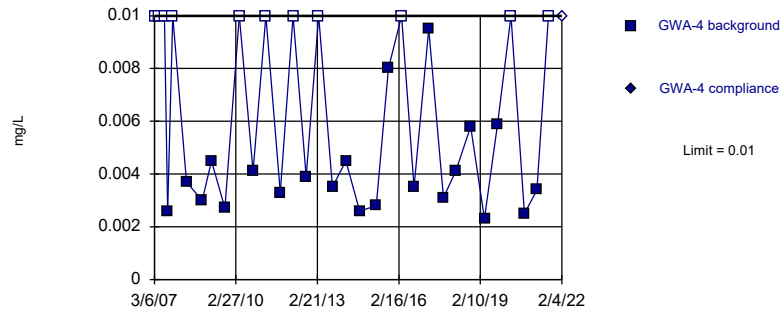


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 57.58% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Zinc Analysis Run 3/31/2022 2:12 PM View: PLs - Intrawell State
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
 Intrawell Non-parametric

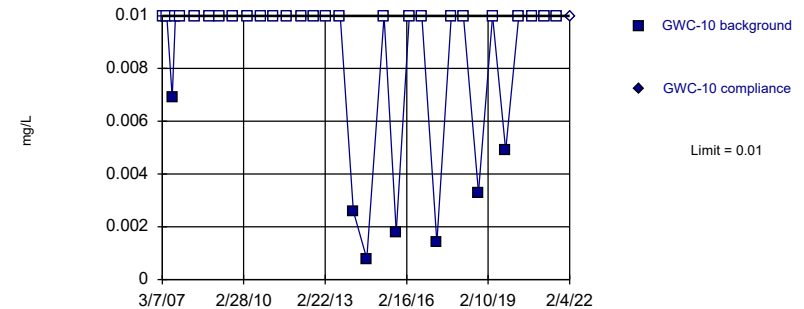


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 33 background values. 33.33% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Zinc Analysis Run 3/31/2022 2:12 PM View: PLs - Intrawell State
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
 Intrawell Non-parametric

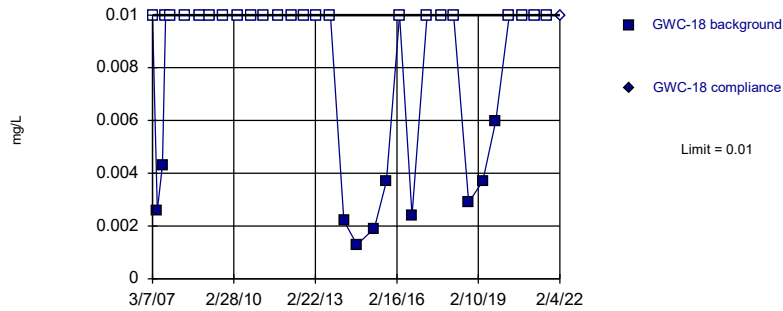


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 78.79% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Zinc Analysis Run 3/31/2022 2:12 PM View: PLs - Intrawell State
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

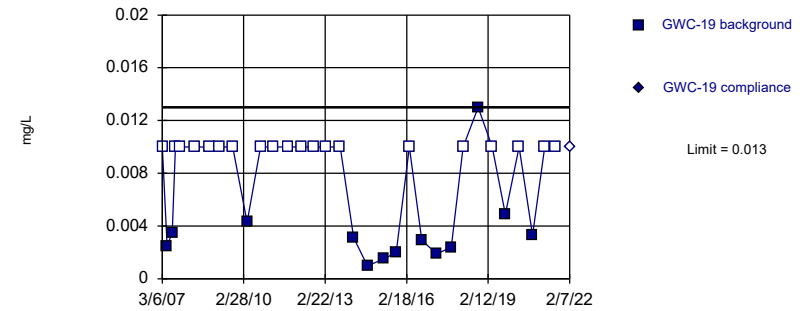


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 69.7% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Zinc Analysis Run 3/31/2022 2:12 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

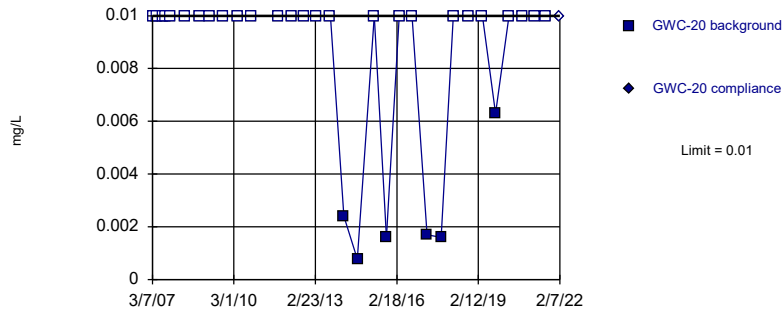


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 60.61% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Zinc Analysis Run 3/31/2022 2:12 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

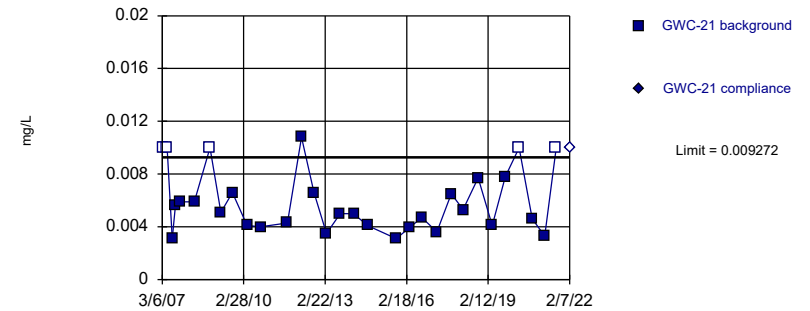


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 81.25% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Zinc Analysis Run 3/31/2022 2:12 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Parametric

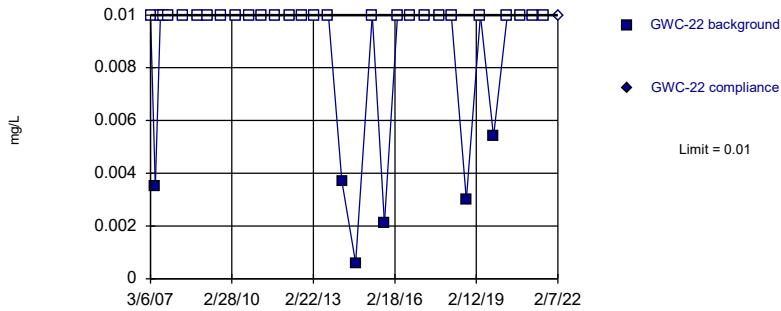


Background Data Summary (based on cube root transformation) (after Kaplan-Meier Adjustment): Mean=0.1676, Std. Dev.=0.01806, n=31, 16.13% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9081, critical = 0.902. Kappa = 2.354 (c=13, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0003376.

Constituent: Zinc Analysis Run 3/31/2022 2:12 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

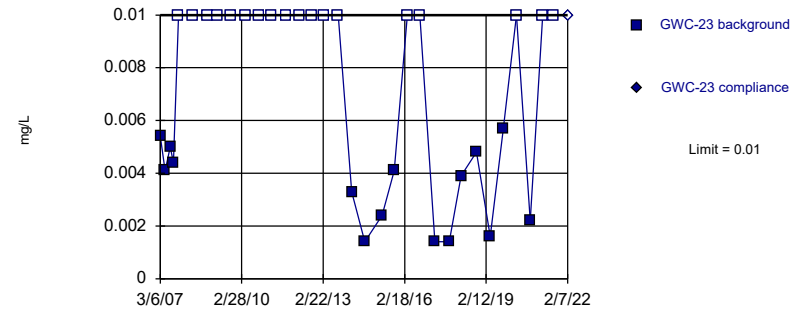


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 81.82% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Zinc Analysis Run 3/31/2022 2:12 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

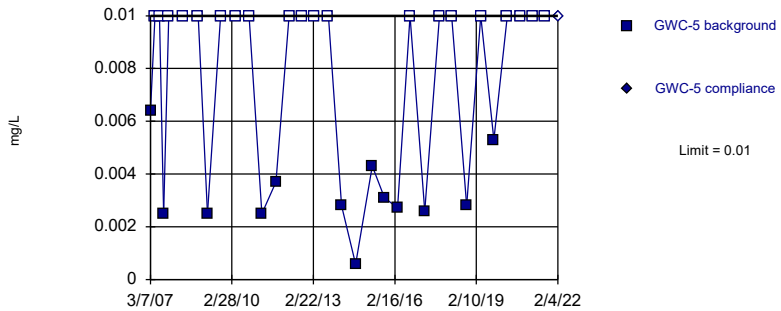


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 54.55% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Zinc Analysis Run 3/31/2022 2:12 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

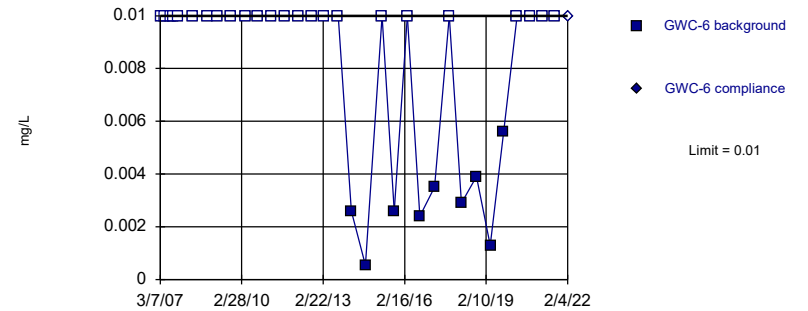


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 60.61% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Zinc Analysis Run 3/31/2022 2:12 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

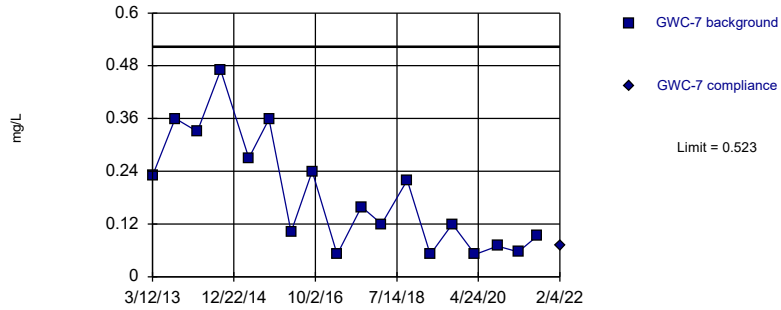


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 72.73% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Zinc Analysis Run 3/31/2022 2:12 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Parametric

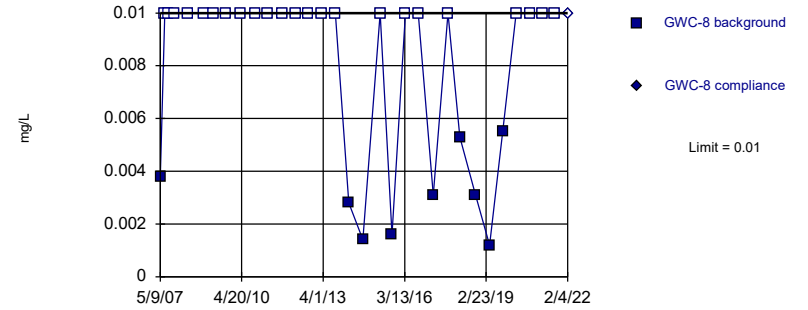


Background Data Summary: Mean=0.1863, Std. Dev.=0.1294, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8956, critical = 0.858. Kappa = 2.603 (c=13, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0003376.

Constituent: Zinc Analysis Run 3/31/2022 2:12 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric



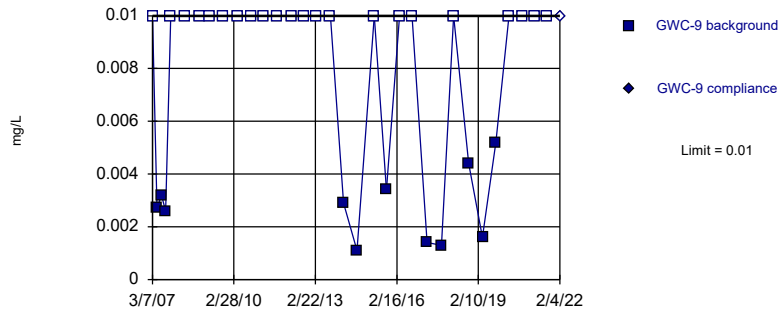
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 71.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Zinc Analysis Run 3/31/2022 2:12 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Zinc Analysis Run 3/31/2022 2:12 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1	GWA-1
3/6/2007	<0.005	
5/8/2007	<0.005	
7/7/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/9/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/1/2009	<0.005	
4/14/2010	<0.005	
10/13/2010	<0.005	
4/6/2011	<0.005	
10/10/2011	<0.005	
4/3/2012	<0.005	
9/24/2012	<0.005	
3/12/2013	<0.005	
9/11/2013	<0.005	
3/4/2014	<0.005	
9/3/2014	<0.005	
4/21/2015	<0.005	
9/30/2015	<0.005	
3/22/2016	<0.005	
5/17/2016	<0.005	
7/5/2016	<0.005	
9/7/2016	<0.005	
10/18/2016	<0.005	
12/6/2016	<0.005	
1/31/2017	<0.005	
3/23/2017	<0.005	
10/4/2017	<0.005	
3/14/2018	<0.005	
10/4/2018	<0.005	
4/8/2019	<0.005	
9/30/2019	<0.005	
3/26/2020	<0.005	
9/23/2020	<0.005	
3/8/2021	<0.005	
8/9/2021	<0.005	
2/4/2022		<0.005

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-2	GWA-2
3/6/2007	<0.005	
5/8/2007	<0.005	
7/7/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/9/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/1/2009	<0.005	
4/13/2010	<0.005	
10/7/2010	<0.005	
4/6/2011	<0.005	
10/6/2011	<0.005	
4/3/2012	<0.005	
9/19/2012	<0.005	
3/12/2013	<0.005	
9/9/2013	<0.005	
3/4/2014	<0.005	
9/3/2014	<0.005	
4/22/2015	<0.005	
9/30/2015	<0.005	
3/22/2016	<0.005	
5/17/2016	<0.005	
7/5/2016	<0.005	
9/7/2016	<0.005	
10/18/2016	<0.005	
12/7/2016	<0.005	
1/31/2017	<0.005	
3/23/2017	<0.005	
10/4/2017	<0.005	
3/14/2018	<0.005	
10/4/2018	<0.005	
4/8/2019	<0.005	
9/30/2019	<0.005	
3/26/2020	<0.005	
9/21/2020	<0.005	
3/9/2021	<0.005	
8/9/2021	<0.005	
2/4/2022		<0.005

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - Intrawell State
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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - Intrawell State

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - Intrawell State
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)

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - Intrawell State
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)

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - Intrawell State
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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - Intrawell State
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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - Intrawell State

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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - Intrawell State
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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - Intrawell State
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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - Intrawell State

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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - Intrawell State
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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - Intrawell State

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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - Intrawell State

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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - Intrawell State

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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - Intrawell State

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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - Intrawell State

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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - Intrawell State

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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - Intrawell State

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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1	GWA-1
3/6/2007	<0.0005	
5/8/2007	<0.0005	
7/7/2007	<0.0005	
8/28/2007	<0.0005	
11/6/2007	<0.0005	
5/9/2008	<0.0005	
12/3/2008	<0.0005	
4/7/2009	<0.0005	
10/1/2009	<0.0005	
4/14/2010	<0.0005	
10/13/2010	<0.0005	
4/6/2011	<0.0005	
10/10/2011	<0.0005	
4/3/2012	<0.0005	
9/24/2012	<0.0005	
3/12/2013	<0.0005	
9/11/2013	<0.0005	
3/4/2014	<0.0005	
9/3/2014	<0.0005	
4/21/2015	<0.0005	
9/30/2015	<0.0005	
3/22/2016	<0.0005	
5/17/2016	<0.0005	
7/5/2016	<0.0005	
9/7/2016	<0.0005	
10/18/2016	<0.0005	
12/6/2016	<0.0005	
1/31/2017	<0.0005	
3/23/2017	<0.0005	
10/4/2017	<0.0005	
3/14/2018	<0.0005	
10/4/2018	<0.0005	
4/8/2019	<0.0005	
9/30/2019	<0.0005	
3/26/2020	<0.0005	
9/23/2020	<0.0005	
3/8/2021	<0.0005	
8/9/2021	<0.0005	
2/4/2022		<0.0005

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-11	GWA-11
3/7/2007	<0.0005	
5/8/2007	<0.0005	
7/17/2007	<0.0005	
8/28/2007	<0.0005	
11/7/2007	<0.0005	
5/9/2008	<0.0005	
12/2/2008	<0.0005	
4/8/2009	<0.0005	
10/1/2009	<0.0005	
4/14/2010	<0.0005	
10/13/2010	<0.0005	
4/6/2011	<0.0005	
10/4/2011	<0.0005	
4/10/2012	<0.0005	
9/26/2012	<0.0005	
3/12/2013	<0.0005	
9/10/2013	<0.0005	
3/4/2014	<0.0005	
9/3/2014	<0.0005	
4/21/2015	<0.0005	
9/29/2015	<0.0005	
3/22/2016	<0.0005	
5/17/2016	<0.0005	
7/6/2016	<0.0005	
9/7/2016	<0.0005	
10/18/2016	<0.0005	
12/6/2016	<0.0005	
2/1/2017	<0.0005	
3/24/2017	<0.0005	
10/5/2017	<0.0005	
3/15/2018	<0.0005	
10/4/2018	<0.0005	
4/8/2019	<0.0005	
9/30/2019	<0.0005	
3/26/2020	<0.0005	
9/22/2020	<0.0005	
3/8/2021	<0.0005	
8/10/2021	<0.0005	
2/4/2022		<0.0005

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-2	GWA-2
3/6/2007	<0.0005	
5/8/2007	<0.0005	
7/7/2007	<0.0005	
8/28/2007	<0.0005	
11/6/2007	<0.0005	
5/9/2008	<0.0005	
12/3/2008	<0.0005	
4/7/2009	<0.0005	
10/1/2009	<0.0005	
4/13/2010	<0.0005	
10/7/2010	<0.0005	
4/6/2011	<0.0005	
10/6/2011	<0.0005	
4/3/2012	<0.0005	
9/19/2012	<0.0005	
3/12/2013	<0.0005	
9/9/2013	<0.0005	
3/4/2014	<0.0005	
9/3/2014	<0.0005	
4/22/2015	<0.0005	
9/30/2015	<0.0005	
3/22/2016	<0.0005	
5/17/2016	<0.0005	
7/5/2016	<0.0005	
9/7/2016	<0.0005	
10/18/2016	<0.0005	
12/7/2016	<0.0005	
1/31/2017	<0.0005	
3/23/2017	<0.0005	
10/4/2017	<0.0005	
3/14/2018	<0.0005	
10/4/2018	<0.0005	
4/8/2019	<0.0005	
9/30/2019	<0.0005	
3/26/2020	<0.0005	
9/21/2020	<0.0005	
3/9/2021	<0.0005	
8/9/2021	<0.0005	
2/4/2022		<0.0005

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-4	GWA-4
3/6/2007	<0.0005	
5/8/2007	<0.0005	
7/17/2007	<0.0005	
8/28/2007	<0.0005	
11/6/2007	<0.0005	
5/8/2008	<0.0005	
12/3/2008	<0.0005	
4/7/2009	<0.0005	
10/2/2009	<0.0005	
4/14/2010	<0.0005	
10/14/2010	<0.0005	
4/5/2011	<0.0005	
10/12/2011	<0.0005	
4/4/2012	<0.0005	
9/24/2012	<0.0005	
3/12/2013	<0.0005	
9/10/2013	<0.0005	
3/11/2014	<0.0005	
9/8/2014	<0.0005	
4/21/2015	<0.0005	
9/29/2015	<0.0005	
3/22/2016	<0.0005	
5/17/2016	<0.0005	
7/6/2016	<0.0005	
9/7/2016	<0.0005	
10/18/2016	<0.0005	
12/6/2016	<0.0005	
2/1/2017	<0.0005	
3/24/2017	<0.0005	
10/4/2017	<0.0005	
3/15/2018	<0.0005	
10/4/2018	<0.0005	
4/8/2019	<0.0005	
9/30/2019	<0.0005	
3/26/2020	<0.0005	
9/23/2020	<0.0005	
3/8/2021	<0.0005	
8/9/2021	<0.0005	
2/4/2022		<0.0005

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1	GWA-1
3/6/2007	<0.0005	
5/8/2007	<0.0005	
7/7/2007	<0.0005	
8/28/2007	<0.0005	
11/6/2007	<0.0005	
5/9/2008	<0.0005	
12/3/2008	<0.0005	
4/7/2009	<0.0005	
10/1/2009	<0.0005	
4/14/2010	<0.0005	
10/13/2010	<0.0005	
4/6/2011	<0.0005	
10/10/2011	<0.0005	
4/3/2012	<0.0005	
9/24/2012	<0.0005	
3/12/2013	<0.0005	
9/11/2013	<0.0005	
3/4/2014	<0.0005	
9/3/2014	<0.0005	
4/21/2015	<0.0005	
9/30/2015	<0.0005	
3/22/2016	<0.0005	
5/17/2016	<0.0005	
7/5/2016	<0.0005	
9/7/2016	<0.0005	
10/18/2016	<0.0005	
12/6/2016	<0.0005	
1/31/2017	<0.0005	
3/23/2017	<0.0005	
10/4/2017	<0.0005	
3/14/2018	<0.0005	
10/4/2018	<0.0005	
4/8/2019	<0.0005	
9/30/2019	<0.0005	
3/26/2020	<0.0005	
9/23/2020	<0.0005	
3/8/2021	<0.0005	
8/9/2021	<0.0005	
2/4/2022		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-11	GWA-11
3/7/2007	<0.0005	
5/8/2007	<0.0005	
7/17/2007	<0.0005	
8/28/2007	<0.0005	
11/7/2007	<0.0005	
5/9/2008	<0.0005	
12/2/2008	<0.0005	
4/8/2009	<0.0005	
10/1/2009	<0.0005	
4/14/2010	<0.0005	
10/13/2010	<0.0005	
4/6/2011	<0.0005	
10/4/2011	<0.0005	
4/10/2012	<0.0005	
9/26/2012	<0.0005	
3/12/2013	<0.0005	
9/10/2013	<0.0005	
3/4/2014	<0.0005	
9/3/2014	<0.0005	
4/21/2015	<0.0005	
9/29/2015	<0.0005	
3/22/2016	<0.0005	
5/17/2016	<0.0005	
7/6/2016	<0.0005	
9/7/2016	<0.0005	
10/18/2016	<0.0005	
12/6/2016	<0.0005	
2/1/2017	<0.0005	
3/24/2017	<0.0005	
10/5/2017	<0.0005	
3/15/2018	<0.0005	
10/4/2018	<0.0005	
4/8/2019	<0.0005	
9/30/2019	<0.0005	
3/26/2020	<0.0005	
9/22/2020	<0.0005	
3/8/2021	<0.0005	
8/10/2021	<0.0005	
2/4/2022		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-2	GWA-2
3/6/2007	<0.0005	
5/8/2007	<0.0005	
7/7/2007	<0.0005	
8/28/2007	<0.0005	
11/6/2007	<0.0005	
5/9/2008	<0.0005	
12/3/2008	<0.0005	
4/7/2009	<0.0005	
10/1/2009	<0.0005	
4/13/2010	<0.0005	
10/7/2010	<0.0005	
4/6/2011	<0.0005	
10/6/2011	<0.0005	
4/3/2012	<0.0005	
9/19/2012	<0.0005	
3/12/2013	<0.0005	
9/9/2013	<0.0005	
3/4/2014	<0.0005	
9/3/2014	<0.0005	
4/22/2015	<0.0005	
9/30/2015	<0.0005	
3/22/2016	<0.0005	
5/17/2016	<0.0005	
7/5/2016	<0.0005	
9/7/2016	<0.0005	
10/18/2016	<0.0005	
12/7/2016	<0.0005	
1/31/2017	<0.0005	
3/23/2017	<0.0005	
10/4/2017	<0.0005	
3/14/2018	<0.0005	
10/4/2018	<0.0005	
4/8/2019	<0.0005	
9/30/2019	<0.0005	
3/26/2020	<0.0005	
9/21/2020	<0.0005	
3/9/2021	<0.0005	
8/9/2021	<0.0005	
2/4/2022		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-3	GWA-3
3/6/2007	<0.0005	
5/8/2007	<0.0005	
7/17/2007	<0.0005	
8/28/2007	<0.0005	
11/6/2007	<0.0005	
5/8/2008	<0.0005	
12/3/2008	<0.0005	
4/7/2009	<0.0005	
10/2/2009	<0.0005	
4/14/2010	<0.0005	
10/14/2010	<0.0005	
4/5/2011	<0.0005	
10/12/2011	<0.0005	
4/4/2012	<0.0005	
9/26/2012	<0.0005	
3/12/2013	<0.0005	
9/10/2013	<0.0005	
3/11/2014	<0.0005	
9/8/2014	<0.0005	
4/21/2015	<0.0005	
9/29/2015	<0.0005	
3/22/2016	<0.0005	
5/17/2016	<0.0005	
7/5/2016	<0.0005	
9/7/2016	<0.0005	
10/18/2016	<0.0005	
12/6/2016	<0.0005	
2/1/2017	<0.0005	
3/23/2017	<0.0005	
10/4/2017	<0.0005	
3/15/2018	<0.0005	
10/4/2018	<0.0005	
4/5/2019	<0.0005	
9/30/2019	<0.0005	
3/26/2020	<0.0005	
9/23/2020	<0.0005	
3/8/2021	<0.0005	
8/9/2021	<0.0005	
2/4/2022		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - Intrawell State
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)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - Intrawell State

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)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - Intrawell State
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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - Intrawell State
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)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - Intrawell State
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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - Intrawell State
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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - Intrawell State
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)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - Intrawell State
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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - Intrawell State
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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - Intrawell State
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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - Intrawell State
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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - Intrawell State
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)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - Intrawell State
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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1	GWA-1
3/6/2007	<0.005	
5/8/2007	<0.005	
7/7/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/9/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/1/2009	<0.005	
4/14/2010	<0.005	
10/13/2010	<0.005	
4/6/2011	<0.005	
10/10/2011	<0.005	
4/3/2012	<0.005	
9/24/2012	<0.005	
3/12/2013	<0.005	
9/11/2013	<0.005	
3/4/2014	<0.005	
9/3/2014	<0.005	
4/21/2015	<0.005	
9/30/2015	<0.005	
3/22/2016	<0.005	
9/7/2016	<0.005	
3/23/2017	<0.005	
10/4/2017	<0.005	
3/14/2018	<0.005	
10/4/2018	<0.005	
4/8/2019	<0.005	
9/30/2019	<0.005	
3/26/2020	<0.005	
9/23/2020	<0.005	
3/8/2021	<0.005	
8/9/2021	<0.005	
2/4/2022		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - Intrawell State
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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State

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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - Intrawell State

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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State

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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
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)

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State

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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - Intrawell State
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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - Intrawell State
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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1	GWA-1
3/6/2007	<0.001	
5/8/2007	<0.001	
7/7/2007	<0.001	
8/28/2007	<0.001	
11/6/2007	<0.001	
5/9/2008	<0.001	
12/3/2008	<0.001	
4/7/2009	<0.001	
10/1/2009	<0.001	
4/14/2010	<0.001	
10/13/2010	<0.001	
4/6/2011	<0.001	
10/10/2011	<0.001	
4/3/2012	<0.001	
9/24/2012	<0.001	
3/12/2013	<0.001	
9/11/2013	<0.001	
3/4/2014	<0.001	
9/3/2014	<0.001	
4/21/2015	<0.001	
9/30/2015	<0.001	
3/22/2016	<0.001	
5/17/2016	<0.001	
7/5/2016	<0.001	
9/7/2016	<0.001	
10/18/2016	<0.001	
12/6/2016	<0.001	
1/31/2017	<0.001	
3/23/2017	<0.001	
10/4/2017	<0.001	
3/14/2018	<0.001	
10/4/2018	<0.001	
4/8/2019	<0.001	
9/30/2019	<0.001	
3/26/2020	<0.001	
9/23/2020	<0.001	
3/8/2021	<0.001	
8/9/2021	<0.001	
2/4/2022		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - Intrawell State
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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-2	GWA-2
3/6/2007	<0.001	
5/8/2007	<0.001	
7/7/2007	<0.001	
8/28/2007	<0.001	
11/6/2007	<0.001	
5/9/2008	<0.001	
12/3/2008	<0.001	
4/7/2009	<0.001	
10/1/2009	<0.001	
4/13/2010	<0.001	
10/7/2010	<0.001	
4/6/2011	<0.001	
10/6/2011	<0.001	
4/3/2012	<0.001	
9/19/2012	<0.001	
3/12/2013	<0.001	
9/9/2013	<0.001	
3/4/2014	<0.001	
9/3/2014	<0.001	
4/22/2015	<0.001	
9/30/2015	<0.001	
3/22/2016	<0.001	
5/17/2016	<0.001	
7/5/2016	<0.001	
9/7/2016	<0.001	
10/18/2016	<0.001	
12/7/2016	<0.001	
1/31/2017	<0.001	
3/23/2017	<0.001	
10/4/2017	<0.001	
3/14/2018	<0.001	
10/4/2018	<0.001	
4/8/2019	<0.001	
9/30/2019	<0.001	
3/26/2020	<0.001	
9/21/2020	<0.001	
3/9/2021	<0.001	
8/9/2021	<0.001	
2/4/2022		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - Intrawell State
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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-4	GWA-4
3/6/2007	<0.001	
5/8/2007	<0.001	
7/17/2007	<0.001	
8/28/2007	<0.001	
11/6/2007	<0.001	
5/8/2008	<0.001	
12/3/2008	<0.001	
4/7/2009	<0.001	
10/2/2009	<0.001	
4/14/2010	<0.001	
10/14/2010	<0.001	
4/5/2011	<0.001	
10/12/2011	<0.001	
4/4/2012	<0.001	
9/24/2012	<0.001	
3/12/2013	<0.001	
9/10/2013	<0.001	
3/11/2014	<0.001	
9/8/2014	<0.001	
4/21/2015	<0.001	
9/29/2015	<0.001	
3/22/2016	<0.001	
5/17/2016	<0.001	
7/6/2016	<0.001	
9/7/2016	<0.001	
10/18/2016	<0.001	
12/6/2016	<0.001	
2/1/2017	<0.001	
3/24/2017	<0.001	
10/4/2017	<0.001	
3/15/2018	<0.001	
10/4/2018	<0.001	
4/8/2019	<0.001	
9/30/2019	<0.001	
3/26/2020	<0.001	
9/23/2020	<0.001	
3/8/2021	<0.001	
8/9/2021	<0.001	
2/4/2022		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - Intrawell State

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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - Intrawell State
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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 3/31/2022 2:18 PM View: PLs - Intrawell State
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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 3/31/2022 2:19 PM View: PLs - Intrawell State
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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 3/31/2022 2:19 PM View: PLs - Intrawell State
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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 3/31/2022 2:19 PM View: PLs - Intrawell State

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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 3/31/2022 2:19 PM View: PLs - Intrawell State

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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 3/31/2022 2:19 PM View: PLs - Intrawell State
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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 3/31/2022 2:19 PM View: PLs - Intrawell State
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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 3/31/2022 2:19 PM View: PLs - IntraWell State

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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 3/31/2022 2:19 PM View: PLs - Intrawell State
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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 3/31/2022 2:19 PM View: PLs - Intrawell State
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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 3/31/2022 2:19 PM View: PLs - Intrawell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-11	GWA-11
3/7/2007	<0.01	
5/8/2007	<0.01	
7/17/2007	<0.01	
8/28/2007	<0.01	
11/7/2007	<0.01	
5/9/2008	<0.01	
12/2/2008	<0.01	
4/8/2009	<0.01	
10/1/2009	<0.01	
4/14/2010	<0.01	
10/13/2010	<0.01	
4/6/2011	<0.01	
10/4/2011	<0.01	
4/10/2012	<0.01	
9/26/2012	<0.01	
3/12/2013	<0.01	
9/10/2013	<0.01	
3/4/2014	0.002 (J)	
9/3/2014	0.002 (J)	
4/21/2015	0.002 (J)	
9/29/2015	0.0022 (J)	
3/22/2016	<0.01	
9/7/2016	0.0026 (J)	
3/24/2017	0.0024 (J)	
10/5/2017	0.0023 (J)	
3/15/2018	0.0026 (J)	
10/4/2018	0.0023 (J)	
4/8/2019	0.0023 (J)	
9/30/2019	0.0017 (J)	
3/26/2020	0.002 (J)	
9/22/2020	0.0014 (J)	
3/8/2021	0.001 (J)	
8/10/2021	0.0017 (J)	
2/4/2022		0.0019 (J)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 3/31/2022 2:19 PM View: PLs - Intrawell State
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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 3/31/2022 2:19 PM View: PLs - Intrawell State
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)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 3/31/2022 2:19 PM View: PLs - Intrawell State
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)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 3/31/2022 2:19 PM View: PLs - Intrawell State

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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 3/31/2022 2:19 PM View: PLs - Intrawell State

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)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 3/31/2022 2:19 PM View: PLs - IntraWell State

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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 3/31/2022 2:19 PM View: PLs - Intrawell State
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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 3/31/2022 2:19 PM View: PLs - Intrawell State
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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 3/31/2022 2:19 PM View: PLS - Intrawell State
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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 3/31/2022 2:19 PM View: PLs - Intrawell State
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)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 3/31/2022 2:19 PM View: PLS - Intrawell State

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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 3/31/2022 2:19 PM View: PLs - Intrawell State
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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 3/31/2022 2:19 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 3/31/2022 2:19 PM View: PLs - Intrawell State
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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 3/31/2022 2:19 PM View: PLs - IntraWell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-9	GWC-9
3/7/2007	<0.01	
5/8/2007	<0.01	
7/6/2007	<0.01	
8/28/2007	<0.01	
11/6/2007	<0.01	
5/8/2008	<0.01	
12/2/2008	<0.01	
4/8/2009	<0.01	
9/30/2009	<0.01	
4/13/2010	<0.01	
10/13/2010	<0.01	
4/5/2011	<0.01	
10/4/2011	<0.01	
4/4/2012	<0.01	
9/19/2012	<0.01	
3/12/2013	<0.01	
9/10/2013	0.003	
3/5/2014	0.0022 (J)	
9/3/2014	<0.01	
4/21/2015	0.0019 (J)	
9/29/2015	0.0019 (J)	
3/23/2016	<0.01	
9/8/2016	0.0023 (J)	
3/27/2017	0.0023 (J)	
10/5/2017	0.0024 (J)	
3/15/2018	0.0023 (J)	
10/5/2018	0.0025 (J)	
4/8/2019	0.0021 (J)	
10/1/2019	0.0022 (J)	
3/27/2020	0.0022 (J)	
9/24/2020	0.0024 (J)	
3/9/2021	0.0014 (J)	
8/10/2021	0.0019 (J)	
2/4/2022		0.0018 (J)

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 3/31/2022 2:19 PM View: PLs - IntraWell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1	GWA-1
3/6/2007	<0.005	
5/8/2007	<0.005	
7/7/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/9/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/1/2009	<0.005	
4/14/2010	<0.005	
10/13/2010	<0.005	
4/6/2011	<0.005	
10/10/2011	<0.005	
4/3/2012	<0.005	
9/24/2012	<0.005	
3/12/2013	<0.005	
9/11/2013	<0.005	
3/4/2014	<0.005	
9/3/2014	<0.005	
4/21/2015	<0.005	
9/30/2015	<0.005	
3/22/2016	<0.005	
5/17/2016	<0.005	
7/5/2016	<0.005	
9/7/2016	<0.005	
10/18/2016	<0.005	
12/6/2016	<0.005	
1/31/2017	<0.005	
3/23/2017	<0.005	
10/4/2017	<0.005	
3/14/2018	<0.005	
10/4/2018	<0.005	
4/8/2019	<0.005	
9/30/2019	<0.005	
3/26/2020	<0.005	
9/23/2020	<0.005	
3/8/2021	<0.005	
8/9/2021	<0.005	
2/4/2022		<0.005

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 3/31/2022 2:19 PM View: PLs - IntraWell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-11	GWA-11
3/7/2007	<0.005	
5/8/2007	<0.005	
7/17/2007	<0.005	
8/28/2007	<0.005	
11/7/2007	<0.005	
5/9/2008	<0.005	
12/2/2008	<0.005	
4/8/2009	<0.005	
10/1/2009	<0.005	
4/14/2010	<0.005	
10/13/2010	<0.005	
4/6/2011	<0.005	
10/4/2011	<0.005	
4/10/2012	<0.005	
9/26/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/4/2014	<0.005	
9/3/2014	<0.005	
4/21/2015	<0.005	
9/29/2015	<0.005	
3/22/2016	<0.005	
5/17/2016	<0.005	
7/6/2016	<0.005	
9/7/2016	<0.005	
10/18/2016	<0.005	
12/6/2016	<0.005	
2/1/2017	<0.005	
3/24/2017	<0.005	
10/5/2017	<0.005	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/8/2019	<0.005	
9/30/2019	<0.005	
3/26/2020	<0.005	
9/22/2020	<0.005	
3/8/2021	<0.005	
8/10/2021	<0.005	
2/4/2022		<0.005

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 3/31/2022 2:19 PM View: PLs - IntraWell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-2	GWA-2
3/6/2007	<0.005	
5/8/2007	<0.005	
7/7/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/9/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/1/2009	<0.005	
4/13/2010	<0.005	
10/7/2010	<0.005	
4/6/2011	<0.005	
10/6/2011	<0.005	
4/3/2012	<0.005	
9/19/2012	<0.005	
3/12/2013	<0.005	
9/9/2013	<0.005	
3/4/2014	<0.005	
9/3/2014	<0.005	
4/22/2015	<0.005	
9/30/2015	<0.005	
3/22/2016	<0.005	
5/17/2016	<0.005	
7/5/2016	<0.005	
9/7/2016	<0.005	
10/18/2016	<0.005	
12/7/2016	<0.005	
1/31/2017	<0.005	
3/23/2017	<0.005	
10/4/2017	<0.005	
3/14/2018	<0.005	
10/4/2018	<0.005	
4/8/2019	<0.005	
9/30/2019	<0.005	
3/26/2020	<0.005	
9/21/2020	<0.005	
3/9/2021	<0.005	
8/9/2021	<0.005	
2/4/2022		<0.005

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 3/31/2022 2:19 PM View: PLs - IntraWell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-3	GWA-3
3/6/2007	<0.005	
5/8/2007	<0.005	
7/17/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/8/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/2/2009	<0.005	
4/14/2010	<0.005	
10/14/2010	<0.005	
4/5/2011	<0.005	
10/12/2011	<0.005	
4/4/2012	<0.005	
9/26/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/11/2014	<0.005	
9/8/2014	<0.005	
4/21/2015	<0.005	
9/29/2015	<0.005	
3/22/2016	<0.005	
5/17/2016	<0.005	
7/5/2016	<0.005	
9/7/2016	<0.005	
10/18/2016	<0.005	
12/6/2016	<0.005	
2/1/2017	<0.005	
3/23/2017	<0.005	
10/4/2017	<0.005	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/5/2019	<0.005	
9/30/2019	<0.005	
3/26/2020	<0.005	
9/23/2020	<0.005	
3/8/2021	<0.005	
8/9/2021	<0.005	
2/4/2022		<0.005

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 3/31/2022 2:19 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 3/31/2022 2:19 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 3/31/2022 2:19 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 3/31/2022 2:19 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 3/31/2022 2:19 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 3/31/2022 2:19 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 3/31/2022 2:19 PM View: PLs - IntraWell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-11	GWA-11
3/7/2007	<0.01	
5/8/2007	<0.01	
7/17/2007	<0.01	
8/28/2007	<0.01	
11/7/2007	<0.01	
5/9/2008	<0.01	
12/2/2008	<0.01	
4/8/2009	<0.01	
10/1/2009	<0.01	
4/14/2010	<0.01	
10/13/2010	<0.01	
4/6/2011	<0.01	
10/4/2011	<0.01	
4/10/2012	<0.01	
9/26/2012	<0.01	
3/12/2013	<0.01	
9/10/2013	<0.01	
3/4/2014	<0.01	
9/3/2014	<0.01	
4/21/2015	<0.01	
9/29/2015	<0.01	
3/22/2016	<0.01	
9/7/2016	<0.01	
3/24/2017	<0.01	
10/5/2017	<0.01	
3/15/2018	<0.01	
10/4/2018	<0.01	
4/8/2019	<0.01	
9/30/2019	<0.01	
3/26/2020	<0.01	
9/22/2020	<0.01	
3/8/2021	<0.01	
8/10/2021	<0.01	
2/4/2022		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 3/31/2022 2:19 PM View: PLs - IntraWell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-2	GWA-2
3/6/2007	<0.01	
5/8/2007	<0.01	
7/7/2007	<0.01	
8/28/2007	<0.01	
11/6/2007	<0.01	
5/9/2008	<0.01	
12/3/2008	<0.01	
4/7/2009	<0.01	
10/1/2009	<0.01	
4/13/2010	<0.01	
10/7/2010	<0.01	
4/6/2011	<0.01	
10/6/2011	<0.01	
4/3/2012	<0.01	
9/19/2012	<0.01	
3/12/2013	<0.01	
9/9/2013	<0.01	
3/4/2014	<0.01	
9/3/2014	<0.01	
4/22/2015	<0.01	
9/30/2015	<0.01	
3/22/2016	<0.01	
9/7/2016	<0.01	
3/23/2017	<0.01	
10/4/2017	<0.01	
3/14/2018	<0.01	
10/4/2018	<0.01	
4/8/2019	<0.01	
9/30/2019	<0.01	
3/26/2020	<0.01	
9/21/2020	<0.01	
3/9/2021	<0.01	
8/9/2021	<0.01	
2/4/2022		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 3/31/2022 2:19 PM View: PLs - IntraWell State
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-3	GWA-3
3/6/2007	<0.01	
5/8/2007	<0.01	
7/17/2007	<0.01	
8/28/2007	<0.01	
11/6/2007	<0.01	
5/8/2008	<0.01	
12/3/2008	<0.01	
4/7/2009	<0.01	
10/2/2009	<0.01	
4/14/2010	<0.01	
10/14/2010	<0.01	
4/5/2011	<0.01	
10/12/2011	<0.01	
4/4/2012	<0.01	
9/26/2012	<0.01	
3/12/2013	<0.01	
9/10/2013	<0.01	
3/11/2014	<0.01	
9/8/2014	<0.01	
4/21/2015	<0.01	
9/29/2015	<0.01	
3/22/2016	<0.01	
9/7/2016	<0.01	
3/23/2017	<0.01	
10/4/2017	<0.01	
3/15/2018	<0.01	
10/4/2018	<0.01	
4/5/2019	<0.01	
9/30/2019	<0.01	
3/26/2020	<0.01	
9/23/2020	<0.01	
3/8/2021	<0.01	
8/9/2021	<0.01	
2/4/2022		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 3/31/2022 2:19 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 3/31/2022 2:19 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 3/31/2022 2:19 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 3/31/2022 2:19 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 3/31/2022 2:19 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 3/31/2022 2:19 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 3/31/2022 2:19 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 3/31/2022 2:19 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 3/31/2022 2:19 PM View: PLs - IntraWell State

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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 3/31/2022 2:19 PM View: PLs - IntraWell State

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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 3/31/2022 2:19 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 3/31/2022 2:19 PM View: PLs - IntraWell State

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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 3/31/2022 2:19 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 3/31/2022 2:19 PM View: PLs - Intrawell State

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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 3/31/2022 2:19 PM View: PLs - IntraWell State

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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 3/31/2022 2:19 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 3/31/2022 2:19 PM View: PLs - IntraWell State

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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 3/31/2022 2:19 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 3/31/2022 2:19 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 3/31/2022 2:19 PM View: PLs - IntraWell State

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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 3/31/2022 2:19 PM View: PLs - IntraWell State

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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 3/31/2022 2:19 PM View: PLs - IntraWell State
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 3/31/2022 2:19 PM View: PLs - IntraWell State
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

FIGURE G.

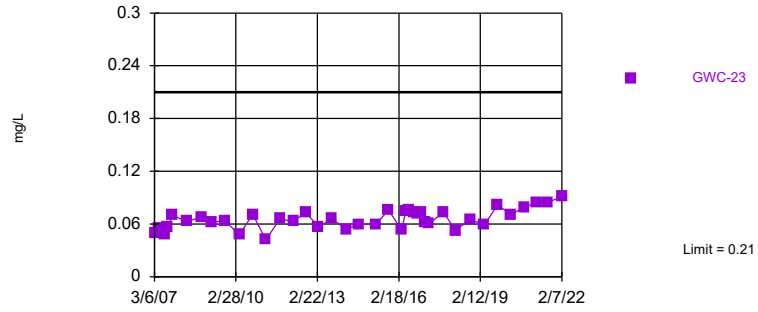
Interwell Prediction Limits (Appendix I Two-Step) - All Results (No Significant)

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 3/28/2022, 11:22 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Barium (mg/L)	GWC-23	0.21	n/a	2/7/2022	0.091	No	195	n/a	n/a	0	n/a	n/a	0.00005196 NP (normality) 1 of 2

Within Limit

Prediction Limit
Interwell Non-parametric



Prediction Limit

Constituent: Barium (mg/L) Analysis Run 3/28/2022 11:22 AM View: Interwell PL Two-Step

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-4 (bg)	GWA-3 (bg)	GWA-2 (bg)	GWC-23	GWA-11 (bg)
3/6/2007	0.032	0.13	0.17	0.12	0.05	
3/7/2007						0.03
5/8/2007	0.04	0.12	0.21	0.11		0.032
5/9/2007					0.055	
7/7/2007	0.041			0.11		
7/17/2007		0.12	0.21		0.048	0.028
8/28/2007	0.044	0.13	0.2	0.13		0.03
8/29/2007					0.056	
11/6/2007	0.044	0.12	0.19	0.12		
11/7/2007					0.07	0.032
5/7/2008					0.063	
5/8/2008		0.13	0.2			
5/9/2008	0.03			0.12		0.032
12/2/2008						0.036
12/3/2008	0.047	0.14	0.18	0.12		
12/5/2008					0.068	
4/7/2009	0.032	0.097	0.2	0.13		
4/8/2009						0.04
4/14/2009					0.062	
10/1/2009	0.043			0.14	0.064	0.039
10/2/2009		0.11	0.2			
4/13/2010				0.15		
4/14/2010	0.032	0.059	0.2		0.048	0.041
10/7/2010				0.16		
10/13/2010	0.046				0.071	0.039
10/14/2010		0.053	0.18			
4/5/2011		0.042	0.16			
4/6/2011	0.034			0.14	0.042	0.034
10/4/2011						0.032
10/6/2011				0.16		
10/10/2011	0.038					
10/12/2011		0.048	0.15		0.066	
4/3/2012	0.0363			0.165		
4/4/2012		0.044	0.165			
4/9/2012					0.0628	
4/10/2012						0.0425
9/19/2012				0.16	0.073	
9/24/2012	0.041	0.048				
9/26/2012			0.17			0.035
3/12/2013	0.041	0.043	0.17	0.16		0.035
3/13/2013					0.057	
9/9/2013				0.17		
9/10/2013		0.042	0.18		0.066	0.035
9/11/2013	0.048					
3/4/2014	0.036			0.16		0.031
3/11/2014		0.04	0.17		0.054	
9/3/2014	0.04			0.17	0.06	0.033
9/8/2014		0.042	0.16			
4/21/2015	0.033	0.05	0.16			0.03
4/22/2015				0.17		
4/23/2015					0.06	
9/29/2015		0.044	0.14			0.031

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 3/28/2022 11:22 AM View: Interwell PL Two-Step
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-4 (bg)	GWA-3 (bg)	GWA-2 (bg)	GWC-23	GWA-11 (bg)
9/30/2015	0.042			0.15	0.076	
3/22/2016	0.0326	0.0397	0.188	0.197		0.0327
3/23/2016					0.0533	
5/17/2016	0.0387	0.0351	0.193	0.178		0.0323
5/19/2016					0.074	
7/5/2016	0.0403		0.172	0.182		
7/6/2016		0.0475				0.0344
7/7/2016					0.0766	
9/7/2016	0.0413	0.0415	0.164	0.172		0.0324
9/8/2016					0.0726	
10/18/2016	0.0409	0.0424	0.138	0.174		0.0311
10/19/2016					0.072	
12/6/2016	0.0408	0.0528	0.149			0.0311
12/7/2016				0.167	0.0732	
1/31/2017	0.0435			0.176		
2/1/2017		0.0482	0.121			0.0332
2/3/2017					0.0619	
3/23/2017	0.038		0.143	0.157		
3/24/2017		0.0595				0.032
3/27/2017					0.0602	
10/4/2017	0.0396	0.0486	0.139	0.143		
10/5/2017					0.0734	0.0325
3/14/2018	0.039			0.17		
3/15/2018		0.04	0.17		0.053	0.031
10/4/2018	0.039	0.05	0.16	0.18		0.033
10/5/2018					0.065	
4/5/2019			0.13			
4/8/2019	0.031	0.047		0.15	0.059	0.031
9/30/2019	0.042	0.051	0.14	0.17		0.03
10/1/2019					0.082	
3/26/2020	0.032	0.049	0.14	0.16	0.071	0.031
9/21/2020				0.18		
9/22/2020						0.031
9/23/2020	0.041	0.043	0.14		0.079	
3/8/2021	0.035	0.052	0.12			0.031
3/9/2021				0.17	0.085	
8/9/2021	0.046	0.034	0.12	0.19		
8/10/2021					0.085	0.03
2/4/2022	0.038	0.037	0.081	0.18		0.031
2/7/2022					0.091	

FIGURE H.

Intrawell Prediction Limits (Appendix III) - Significant Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 3/31/2022, 1:53 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Calcium (mg/L)	GWA-2	52.85	n/a	2/4/2022	57.6	Yes	17	43.1	4.018	0	None	No	0.0006269 Param Intra 1 of 2
Calcium (mg/L)	GWC-18	49.06	n/a	2/4/2022	56.1	Yes	18	40.94	3.386	0	None	No	0.0006269 Param Intra 1 of 2
Calcium (mg/L)	GWC-20	68.63	n/a	2/7/2022	68.7	Yes	18	55.11	5.638	0	None	No	0.0006269 Param Intra 1 of 2
Calcium (mg/L)	GWC-23	53.47	n/a	2/7/2022	64.9	Yes	17	39.06	5.938	0	None	No	0.0006269 Param Intra 1 of 2
Calcium (mg/L)	GWC-9	39.64	n/a	2/4/2022	39.8	Yes	17	35.42	1.737	0	None	No	0.0006269 Param Intra 1 of 2

Intrawell Prediction Limits (Appendix III) - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 3/31/2022, 1:53 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWA-1	0.05	n/a	2/4/2022	0.018J	No	17	n/a	n/a	11.76	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Boron (mg/L)	GWA-11	0.04333	n/a	2/4/2022	0.037J	No	17	0.03634	0.002879	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWA-2	0.1026	n/a	2/4/2022	0.083	No	17	0.08614	0.006798	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWA-3	0.1862	n/a	2/4/2022	0.094	No	17	0.1478	0.01583	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWA-4	0.1386	n/a	2/4/2022	0.06	No	17	0.09064	0.01974	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-10	0.04341	n/a	2/4/2022	0.037J	No	17	0.03398	0.003885	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-18	0.1513	n/a	2/4/2022	0.12	No	17	0.13	0.008789	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-19	0.2063	n/a	2/7/2022	0.15	No	17	0.1738	0.01337	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-20	0.05	n/a	2/7/2022	0.015J	No	17	n/a	n/a	5.882	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Boron (mg/L)	GWC-21	0.1228	n/a	2/7/2022	0.018J	No	17	0.3332	0.06753	0	None	x^(1/3)	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-22	0.08087	n/a	2/7/2022	0.064	No	17	0.06702	0.00571	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-23	0.0809	n/a	2/7/2022	0.052	No	16	0.1789	0.04295	6.25	None	sqrt(x)	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-5	0.08192	n/a	2/4/2022	0.04	No	17	0.05951	0.009236	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-6	0.04728	n/a	2/4/2022	0.039J	No	18	0.03999	0.003041	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-7	0.07297	n/a	2/4/2022	0.055	No	17	0.05303	0.008219	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-8	0.088	n/a	2/4/2022	0.055	No	18	n/a	n/a	0	n/a	n/a	0.005373	NP Intra (normality) 1 of 2
Boron (mg/L)	GWC-9	0.05	n/a	2/4/2022	0.013J	No	17	n/a	n/a	5.882	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Calcium (mg/L)	GWA-1	20.89	n/a	2/4/2022	18.3	No	17	16.2	1.932	5.882	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWA-11	26.42	n/a	2/4/2022	23.7	No	17	20.14	2.587	5.882	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWA-2	52.85	n/a	2/4/2022	57.6	Yes	17	43.1	4.018	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWA-3	90.64	n/a	2/4/2022	59	No	17	75.75	6.137	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWA-4	122.6	n/a	2/4/2022	97.3	No	17	86.21	14.99	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-10	60.32	n/a	2/4/2022	52.8	No	19	40.93	8.193	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-18	49.06	n/a	2/4/2022	56.1	Yes	18	40.94	3.386	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-19	51.43	n/a	2/7/2022	49	No	18	44.52	2.882	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-20	68.63	n/a	2/7/2022	68.7	Yes	18	55.11	5.638	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-21	94.52	n/a	2/7/2022	39.7	No	19	48.75	19.33	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-22	52.63	n/a	2/7/2022	52.6	No	17	47.89	1.955	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-23	53.47	n/a	2/7/2022	64.9	Yes	17	39.06	5.938	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-5	91.67	n/a	2/4/2022	79.5	No	17	75.27	6.759	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-6	75.59	n/a	2/4/2022	71.2	No	17	64.12	4.724	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-7	73.87	n/a	2/4/2022	68.3	No	17	39.29	14.25	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-8	107.1	n/a	2/4/2022	92.6	No	19	68.9	16.13	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-9	39.64	n/a	2/4/2022	39.8	Yes	17	35.42	1.737	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWA-1	1.619	n/a	2/4/2022	0.99J	No	17	0.1658	0.1303	0	None	ln(x)	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWA-11	2.058	n/a	2/4/2022	1.2	No	17	1.43	0.2592	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWA-2	3.046	n/a	2/4/2022	2.3	No	17	2.365	0.2806	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWA-3	5.301	n/a	2/4/2022	1.1	No	17	3.626	0.6902	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWA-4	10.38	n/a	2/4/2022	3.3	No	17	5.864	1.863	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-10	2.237	n/a	2/4/2022	1.3	No	19	1.512	0.3062	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-18	1.802	n/a	2/4/2022	0.88J	No	17	1.711	0.6329	0	None	x^2	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-19	2.623	n/a	2/7/2022	1.1	No	17	1.764	0.3539	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-20	2.379	n/a	2/7/2022	1.2	No	18	1.577	0.3346	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-21	3.92	n/a	2/7/2022	2.7	No	18	2.504	0.5908	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-22	2.086	n/a	2/7/2022	1	No	17	1.436	0.2681	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-23	2.249	n/a	2/7/2022	0.7J	No	17	1.397	0.3512	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-5	4.201	n/a	2/4/2022	1.9	No	17	2.822	0.5683	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-6	2.452	n/a	2/4/2022	1.6	No	17	1.86	0.2439	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-7	2.289	n/a	2/4/2022	1.8	No	17	1.612	0.2791	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-8	3.284	n/a	2/4/2022	3.2	No	19	2.034	0.5279	0	None	No	0.0006269	Param Intra 1 of 2

Intrawell Prediction Limits (Appendix III) - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 3/31/2022, 1:53 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chloride (mg/L)	GWC-9	1.765	n/a	2/4/2022	0.78J	No	17	1.099	0.2742	0	None	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWA-1	0.1904	n/a	2/4/2022	0.087J	No	17	0.1011	0.03681	5.882	None	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWA-11	0.1644	n/a	2/4/2022	0.068J	No	17	0.07655	0.0362	17.65	Kaplan-Meier	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWA-2	0.2383	n/a	2/4/2022	0.085J	No	17	0.1233	0.04738	5.882	None	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWA-3	0.484	n/a	2/4/2022	0.084J	No	17	0.2083	0.1136	5.882	None	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWA-4	0.4826	n/a	2/4/2022	0.11	No	17	0.4315	0.1085	0	None	sqrt(x)	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-10	0.1902	n/a	2/4/2022	0.07J	No	17	0.1044	0.03536	11.76	None	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-18	0.218	n/a	2/4/2022	0.12	No	17	0.1375	0.03319	5.882	None	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-19	0.2528	n/a	2/7/2022	0.1	No	17	0.1435	0.04503	5.882	None	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-20	0.1931	n/a	2/7/2022	0.058J	No	17	0.2872	0.06277	5.882	None	sqrt(x)	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-21	0.2126	n/a	2/7/2022	0.05ND	No	17	0.08559	0.05234	23.53	Kaplan-Meier	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-22	0.151	n/a	2/7/2022	0.059J	No	17	0.08591	0.02682	5.882	None	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-23	0.1833	n/a	2/7/2022	0.082J	No	17	0.1043	0.03254	5.882	None	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-5	0.33	n/a	2/4/2022	0.05ND	No	17	n/a	n/a	17.65	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-6	0.3078	n/a	2/4/2022	0.058J	No	17	0.3089	0.1013	11.76	None	sqrt(x)	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-7	0.514	n/a	2/4/2022	0.14	No	17	0.6093	0.07904	0	None	x^(1/3)	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-8	0.4	n/a	2/4/2022	0.12	No	18	n/a	n/a	0	n/a	n/a	0.005373	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-9	0.1716	n/a	2/4/2022	0.076J	No	17	0.0917	0.03293	5.882	None	No	0.0006269	Param Intra 1 of 2
pH (SU)	GWA-1	7.381	6.536	2/4/2022	7.18	No	17	6.958	0.1741	0	None	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWA-11	7.054	6.388	2/4/2022	6.92	No	17	6.721	0.1372	0	None	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWA-2	7.234	6.539	2/4/2022	6.98	No	17	6.886	0.1432	0	None	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWA-3	7.212	6.33	2/4/2022	6.75	No	17	6.771	0.1818	0	None	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWA-4	7.16	6.365	2/4/2022	7.11	No	17	6.762	0.1637	0	None	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-10	7.72	6.825	2/4/2022	7.51	No	18	7.272	0.1867	0	None	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-18	7.787	7.382	2/4/2022	7.73	No	17	7.585	0.08345	0	None	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-19	7.783	7.194	2/7/2022	7.61	No	19	7.488	0.1243	0	None	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-20	7.608	6.972	2/7/2022	7.57	No	20	7.29	0.1358	0	None	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-21	7.693	5.612	2/7/2022	6.58	No	17	6.652	0.4288	0	None	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-22	7.958	7.287	2/7/2022	7.85	No	18	7.623	0.1399	0	None	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-23	7.52	6.662	2/7/2022	7.05	No	17	7.091	0.1769	0	None	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-5	7.21	6.445	2/4/2022	6.92	No	17	6.828	0.1576	0	None	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-6	7.319	6.708	2/4/2022	7.21	No	18	7.014	0.1274	0	None	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-7	6.768	5.558	2/4/2022	6.7	No	18	6.163	0.2524	0	None	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-8	7.787	6.575	2/4/2022	7.07	No	20	7.181	0.259	0	None	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-9	7.324	6.313	2/4/2022	7.1	No	17	6.819	0.2084	0	None	No	0.0003135	Param Intra 1 of 2
Sulfate (mg/L)	GWA-1	6.6	n/a	2/4/2022	4	No	17	n/a	n/a	0	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWA-11	15.25	n/a	2/4/2022	10.4	No	17	12.17	1.271	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWA-2	22.46	n/a	2/4/2022	21.1	No	17	15.77	2.757	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWA-3	215.8	n/a	2/4/2022	73.5	No	17	11	1.519	0	None	sqrt(x)	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWA-4	321.2	n/a	2/4/2022	170	No	17	177.4	59.29	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-10	33.9	n/a	2/4/2022	14.4	No	18	n/a	n/a	0	n/a	n/a	0.005373	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWC-18	14.45	n/a	2/4/2022	8.9	No	17	10.5	1.628	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-19	20.64	n/a	2/7/2022	16.9	No	17	16.5	1.709	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-20	80.7	n/a	2/7/2022	66.3	No	9	53.13	8.981	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-21	54.24	n/a	2/7/2022	25.9	No	17	31.49	9.375	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-22	13.34	n/a	2/7/2022	8.2	No	17	7.635	2.352	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-23	43	n/a	2/7/2022	13	No	17	n/a	n/a	0	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWC-5	145.9	n/a	2/4/2022	80.1	No	17	4.427	0.2289	0	None	ln(x)	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-6	144.4	n/a	2/4/2022	101	No	21	108.3	15.56	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-7	178.3	n/a	2/4/2022	78.3	No	17	109.7	28.29	0	None	No	0.0006269	Param Intra 1 of 2

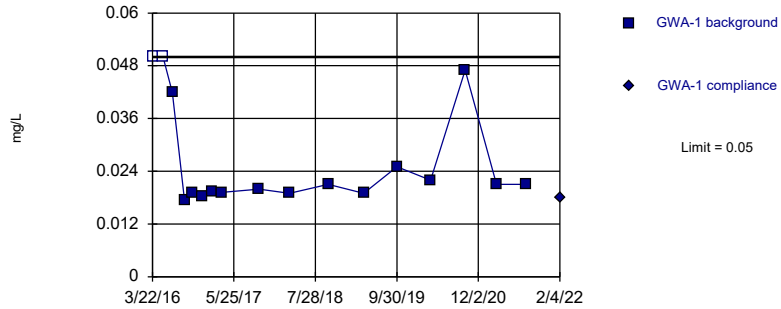
Intrawell Prediction Limits (Appendix III) - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 3/31/2022, 1:53 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Sulfate (mg/L)	GWC-8	60.46	n/a	2/4/2022	25.8	No	17	40.99	8.027	0	None	No	0.0006269 Param Intra 1 of 2
Sulfate (mg/L)	GWC-9	85.39	n/a	2/4/2022	69.2	No	18	69.08	6.805	0	None	No	0.0006269 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-1	163.4	n/a	2/4/2022	107	No	17	102.9	24.95	0	None	No	0.0006269 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-11	179.4	n/a	2/4/2022	125	No	17	121.6	23.82	0	None	No	0.0006269 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-2	268.6	n/a	2/4/2022	245	No	17	221.5	19.41	0	None	No	0.0006269 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-3	653	n/a	2/4/2022	325	No	17	n/a	n/a	0	n/a	n/a	0.005914 NP Intra (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWA-4	733.8	n/a	2/4/2022	496	No	17	507.8	93.12	0	None	No	0.0006269 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-10	268.9	n/a	2/4/2022	214	No	17	179.4	36.87	0	None	No	0.0006269 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-18	248.3	n/a	2/4/2022	225	No	16	202.1	18.8	0	None	No	0.0006269 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-19	281.8	n/a	2/7/2022	218	No	16	233.4	19.68	0	None	No	0.0006269 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-20	310.9	n/a	2/7/2022	268	No	17	237.4	30.3	0	None	No	0.0006269 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-21	398.1	n/a	2/7/2022	161	No	19	200.5	83.46	0	None	No	0.0006269 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-22	324	n/a	2/7/2022	207	No	17	n/a	n/a	0	n/a	n/a	0.005914 NP Intra (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-23	290.6	n/a	2/7/2022	224	No	17	196.4	38.83	0	None	No	0.0006269 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-5	511	n/a	2/4/2022	360	No	17	n/a	n/a	0	n/a	n/a	0.005914 NP Intra (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-6	423.2	n/a	2/4/2022	335	No	19	332.2	38.42	0	None	No	0.0006269 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-7	358.6	n/a	2/4/2022	310	No	17	264.9	38.59	0	None	No	0.0006269 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-8	444.9	n/a	2/4/2022	349	No	19	285	67.54	0	None	No	0.0006269 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-9	310.7	n/a	2/4/2022	225	No	17	226.2	34.82	0	None	No	0.0006269 Param Intra 1 of 2

Within Limit

Prediction Limit
 Intrawell Non-parametric

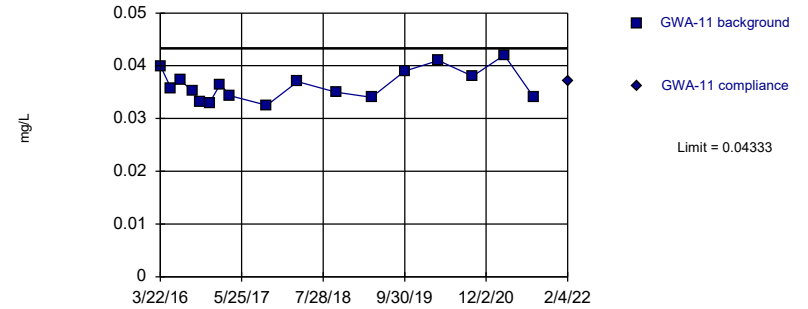


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 17 background values. 11.76% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Boron Analysis Run 3/31/2022 1:45 PM View: PL's Intrawell Federal
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
 Intrawell Parametric

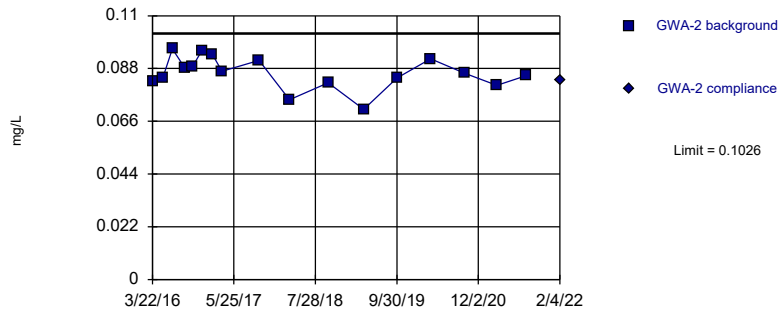


Background Data Summary: Mean=0.03634, Std. Dev.=0.002879, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9447, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Boron Analysis Run 3/31/2022 1:45 PM View: PL's Intrawell Federal
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
 Intrawell Parametric

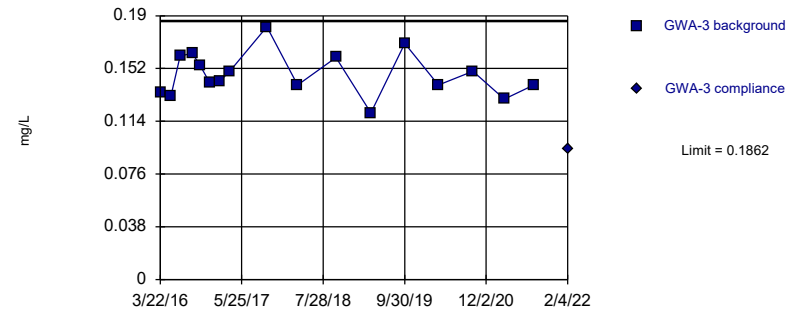


Background Data Summary: Mean=0.08614, Std. Dev.=0.006798, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9622, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Boron Analysis Run 3/31/2022 1:45 PM View: PL's Intrawell Federal
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
 Intrawell Parametric

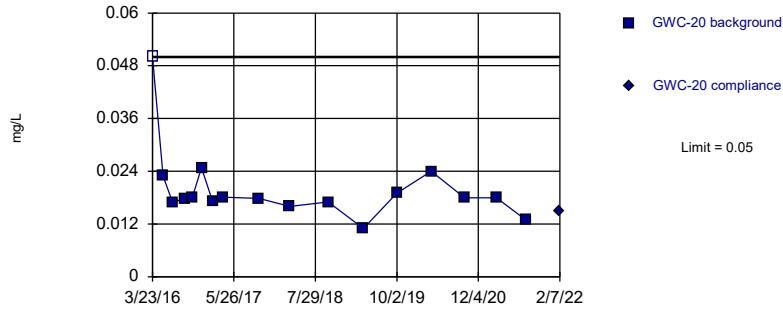


Background Data Summary: Mean=0.1478, Std. Dev.=0.01583, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9764, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Boron Analysis Run 3/31/2022 1:45 PM View: PL's Intrawell Federal
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

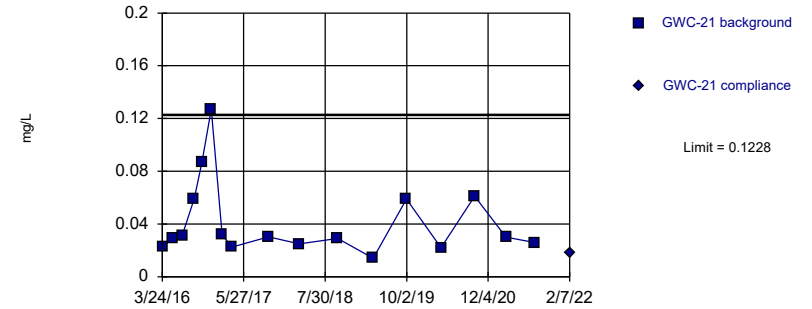


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 17 background values. 5.882% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Boron Analysis Run 3/31/2022 1:45 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Parametric

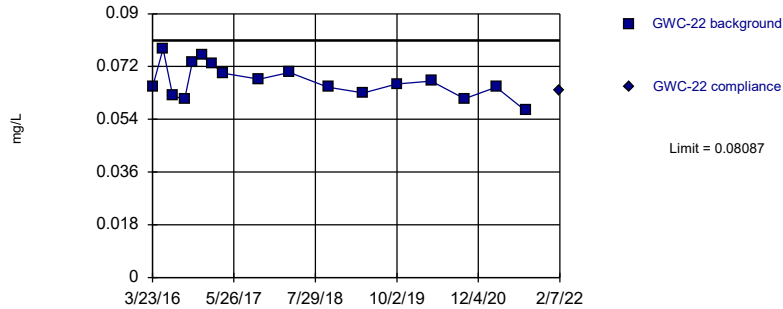


Background Data Summary (based on cube root transformation): Mean=0.3332, Std. Dev.=0.06753, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8582, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Boron Analysis Run 3/31/2022 1:45 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Parametric

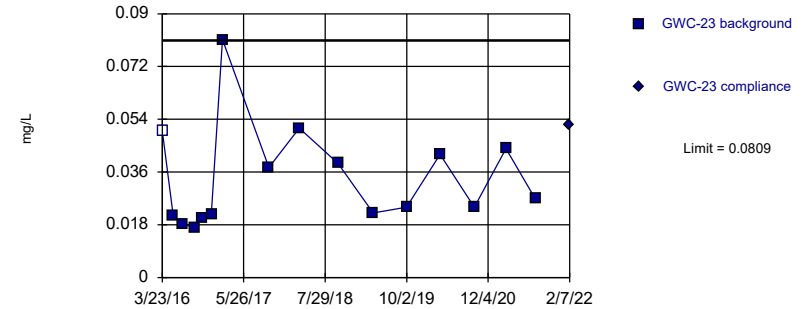


Background Data Summary: Mean=0.06702, Std. Dev.=0.00571, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.977, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Boron Analysis Run 3/31/2022 1:45 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Parametric

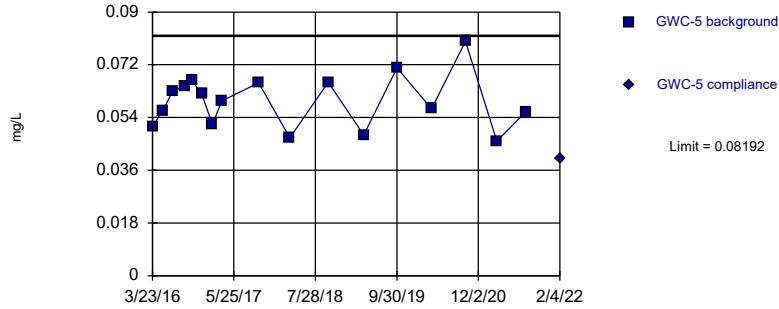


Background Data Summary (based on square root transformation): Mean=0.1789, Std. Dev.=0.04295, n=16, 6.25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8873, critical = 0.844. Kappa = 2.456 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Boron Analysis Run 3/31/2022 1:45 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Parametric

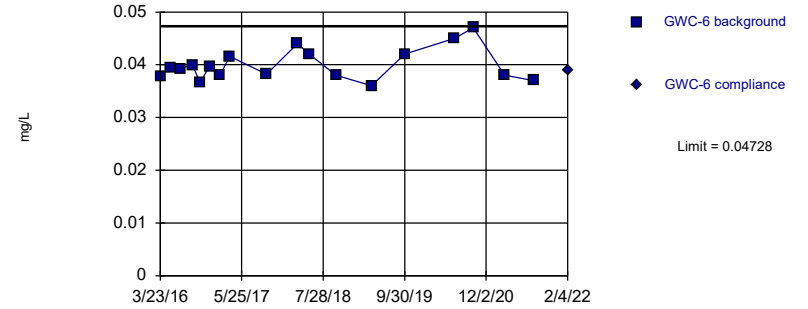


Background Data Summary: Mean=0.05951, Std. Dev.=0.009236, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9628, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Boron Analysis Run 3/31/2022 1:45 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Parametric

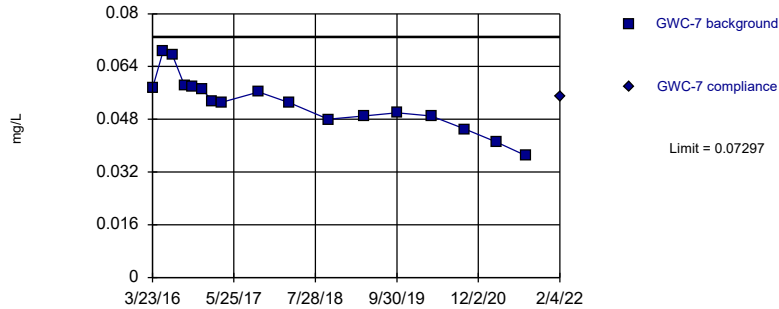


Background Data Summary: Mean=0.03999, Std. Dev.=0.003041, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9202, critical = 0.858. Kappa = 2.397 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Boron Analysis Run 3/31/2022 1:45 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Parametric

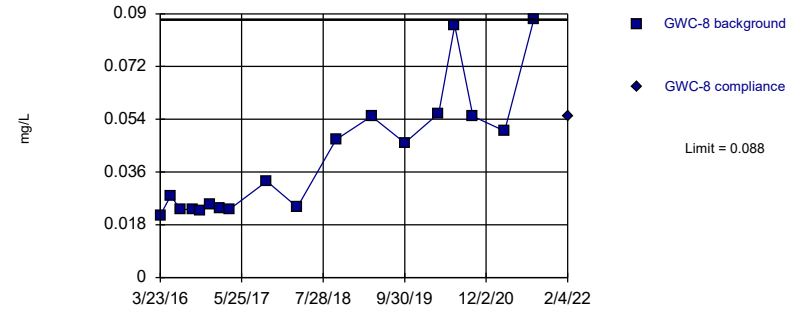


Background Data Summary: Mean=0.05303, Std. Dev.=0.008219, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9661, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Boron Analysis Run 3/31/2022 1:45 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

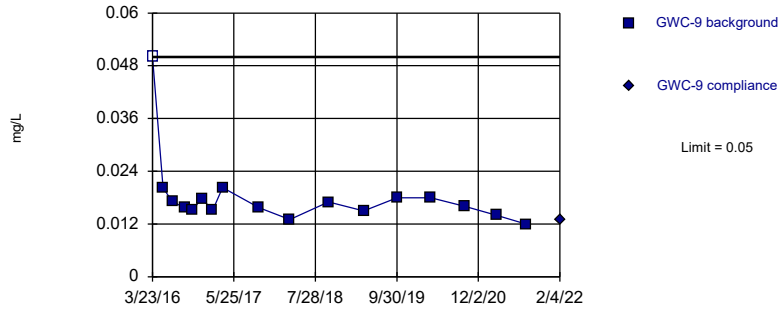


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 18 background values. Well-constituent pair annual alpha = 0.01072. Individual comparison alpha = 0.005373 (1 of 2).

Constituent: Boron Analysis Run 3/31/2022 1:45 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

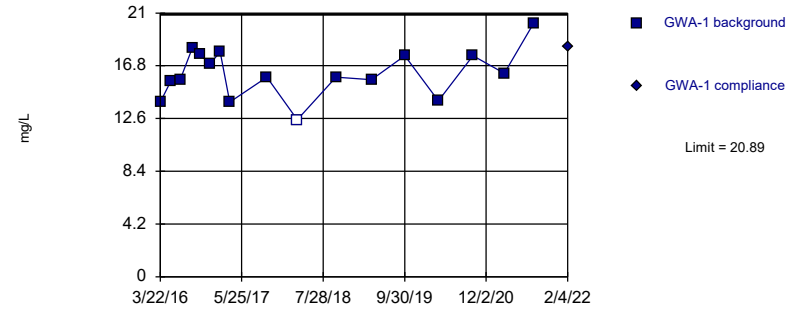


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 17 background values. 5.882% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Boron Analysis Run 3/31/2022 1:45 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Parametric

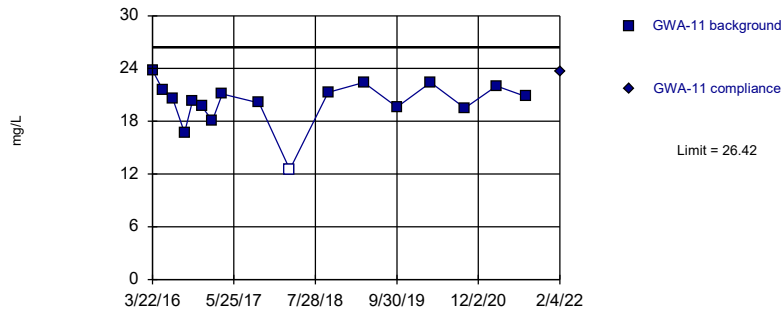


Background Data Summary: Mean=16.2, Std. Dev.=1.932, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9669, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 3/31/2022 1:45 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Parametric

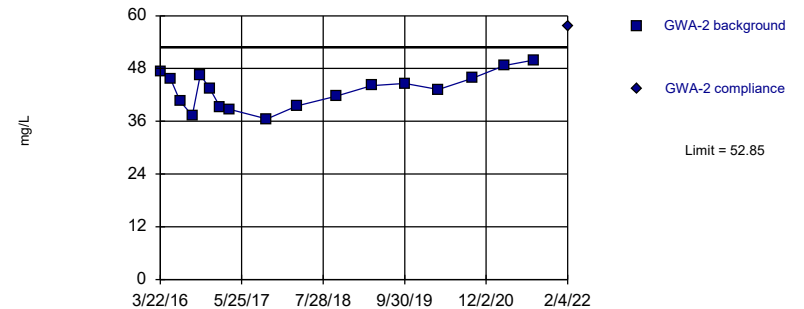


Background Data Summary: Mean=20.14, Std. Dev.=2.587, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.865, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 3/31/2022 1:45 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Exceeds Limit

Prediction Limit
Intrawell Parametric

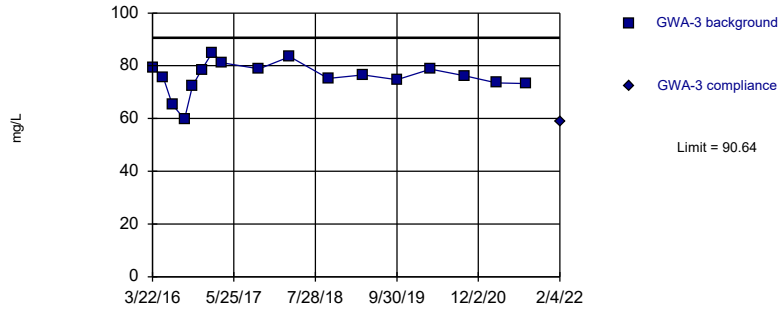


Background Data Summary: Mean=43.1, Std. Dev.=4.018, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9699, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 3/31/2022 1:45 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Parametric

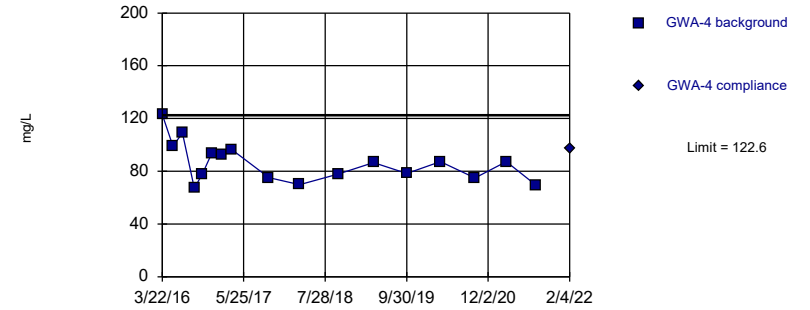


Background Data Summary: Mean=75.75, Std. Dev.=6.137, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9123, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 3/31/2022 1:45 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Parametric

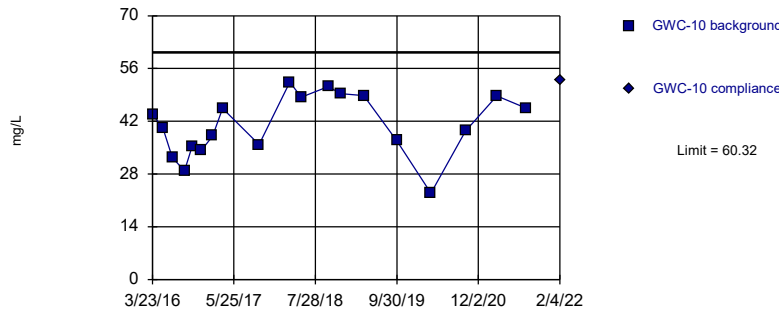


Background Data Summary: Mean=86.21, Std. Dev.=14.99, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9274, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 3/31/2022 1:45 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Parametric

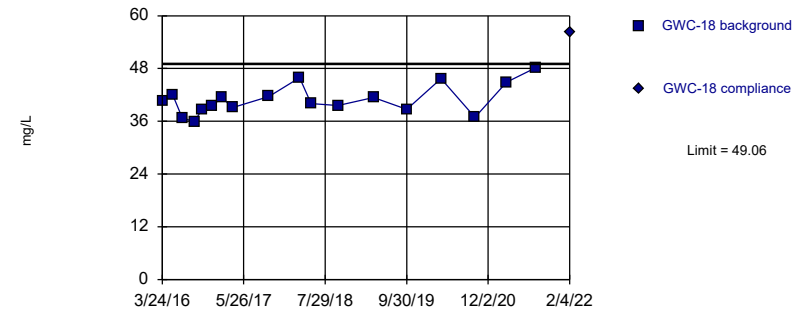


Background Data Summary: Mean=40.93, Std. Dev.=8.193, n=19. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9517, critical = 0.863. Kappa = 2.368 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 3/31/2022 1:45 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Exceeds Limit

Prediction Limit
Intrawell Parametric

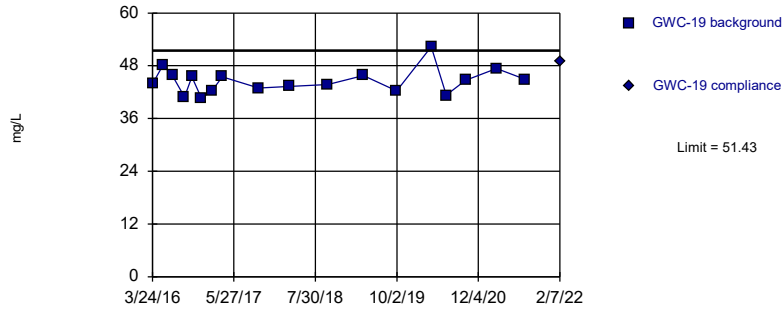


Background Data Summary: Mean=40.94, Std. Dev.=3.386, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9429, critical = 0.858. Kappa = 2.397 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 3/31/2022 1:45 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Parametric

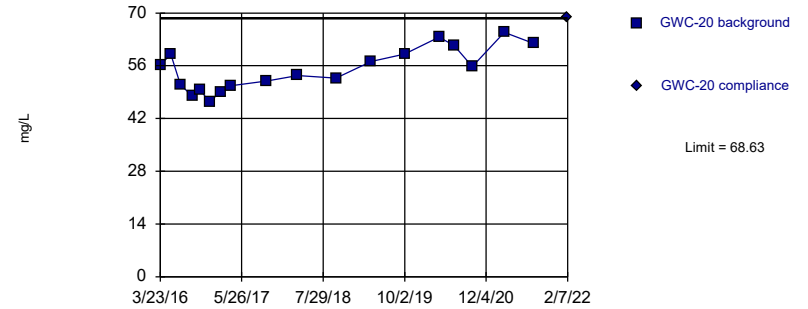


Background Data Summary: Mean=44.52, Std. Dev.=2.882, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9312, critical = 0.858. Kappa = 2.397 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 3/31/2022 1:45 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Exceeds Limit

Prediction Limit Intrawell Parametric

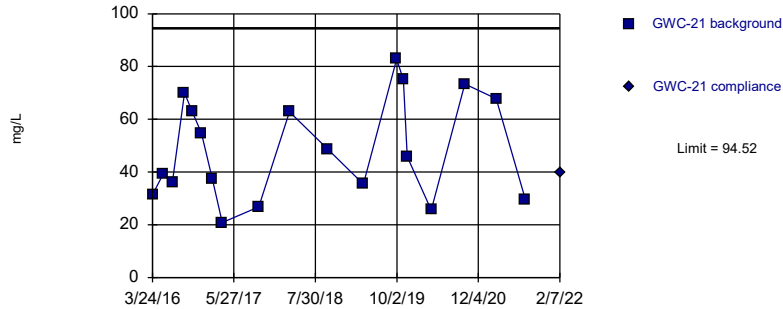


Background Data Summary: Mean=55.11, Std. Dev.=5.638, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9578, critical = 0.858. Kappa = 2.397 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 3/31/2022 1:45 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Parametric

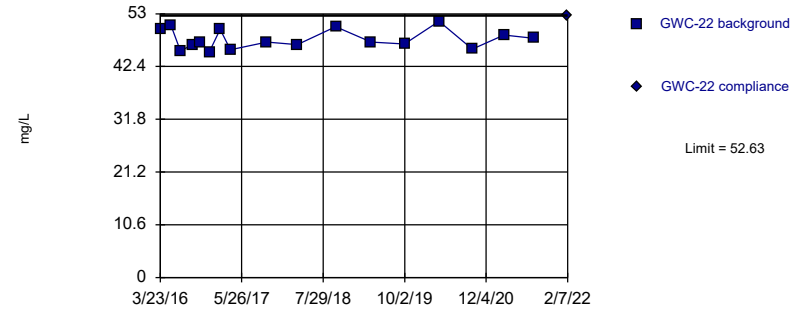


Background Data Summary: Mean=48.75, Std. Dev.=19.33, n=19. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9335, critical = 0.863. Kappa = 2.368 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 3/31/2022 1:45 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Parametric

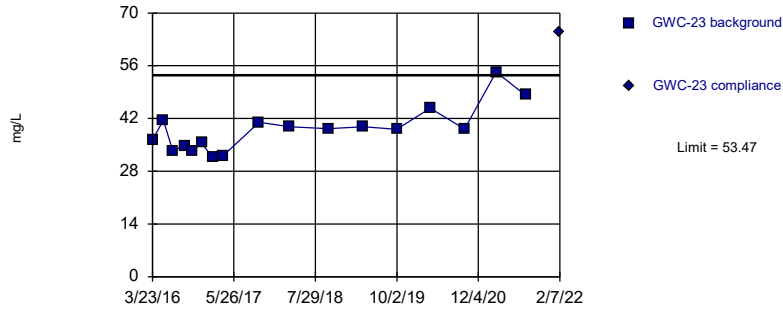


Background Data Summary: Mean=47.89, Std. Dev.=1.955, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9237, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 3/31/2022 1:45 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Exceeds Limit

Prediction Limit
Intrawell Parametric

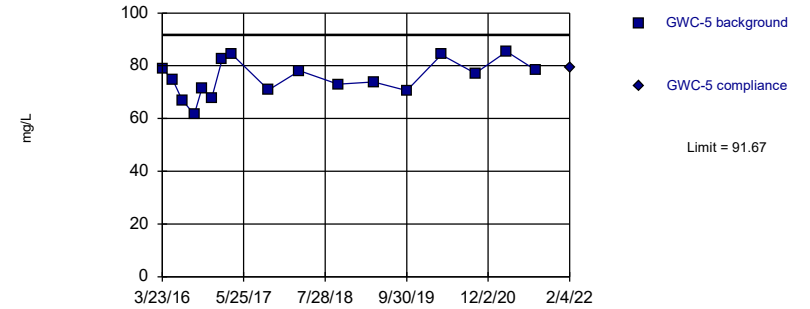


Background Data Summary: Mean=39.06, Std. Dev.=5.938, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9118, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 3/31/2022 1:45 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Parametric

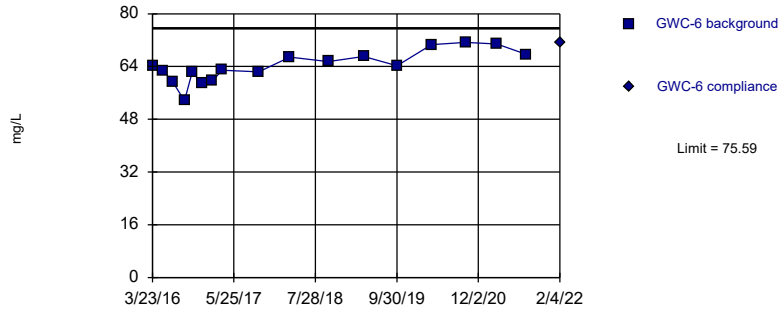


Background Data Summary: Mean=75.27, Std. Dev.=6.759, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9688, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 3/31/2022 1:45 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Parametric

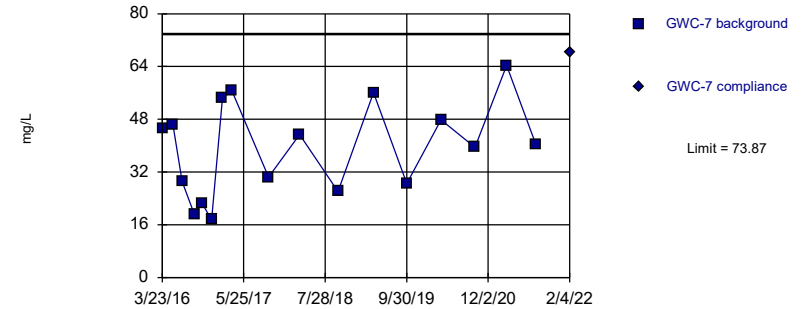


Background Data Summary: Mean=64.12, Std. Dev.=4.724, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9646, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 3/31/2022 1:45 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

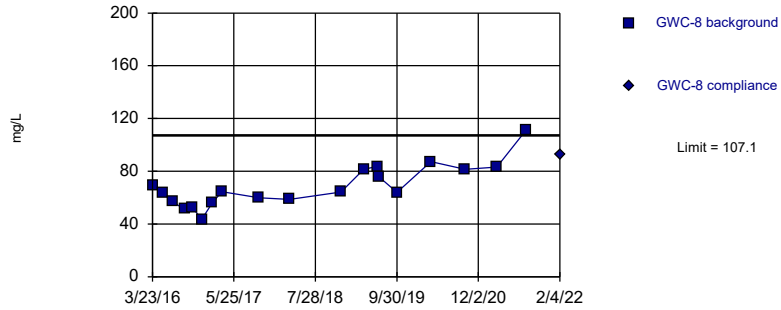
Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=39.29, Std. Dev.=14.25, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9572, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 3/31/2022 1:45 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

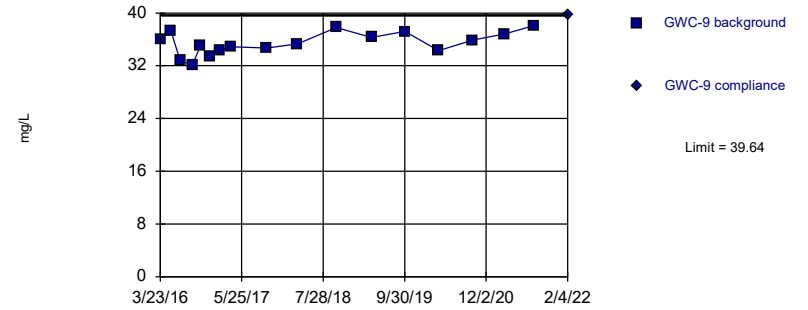
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=68.9, Std. Dev.=16.13, n=19. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9359, critical = 0.863. Kappa = 2.368 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 3/31/2022 1:46 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

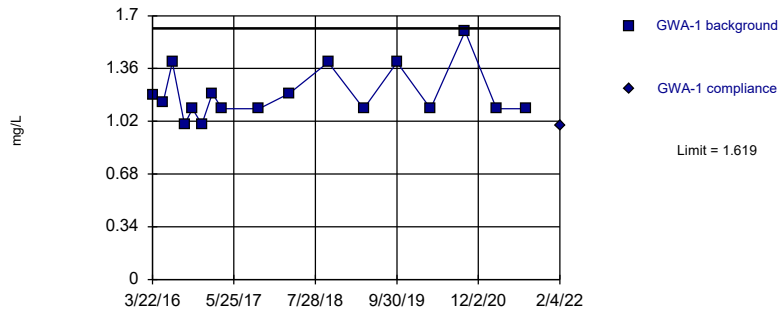
Exceeds Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=35.42, Std. Dev.=1.737, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9739, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 3/31/2022 1:46 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

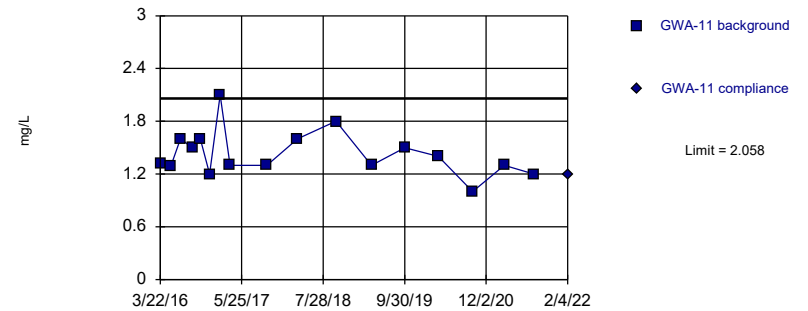
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary (based on natural log transformation): Mean=0.1658, Std. Dev.=0.1303, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8588, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 3/31/2022 1:46 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit Prediction Limit
Intrawell Parametric

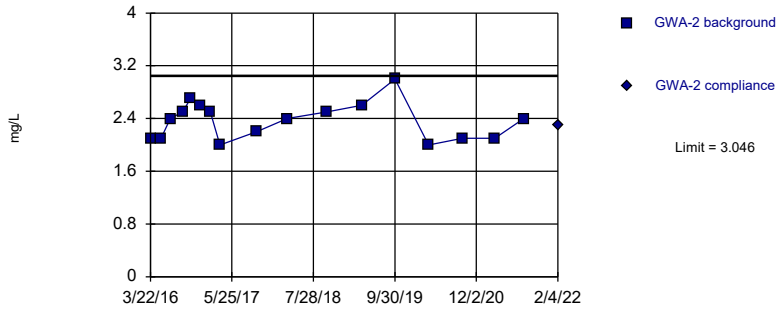


Background Data Summary: Mean=1.43, Std. Dev.=0.2592, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9159, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 3/31/2022 1:46 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Parametric

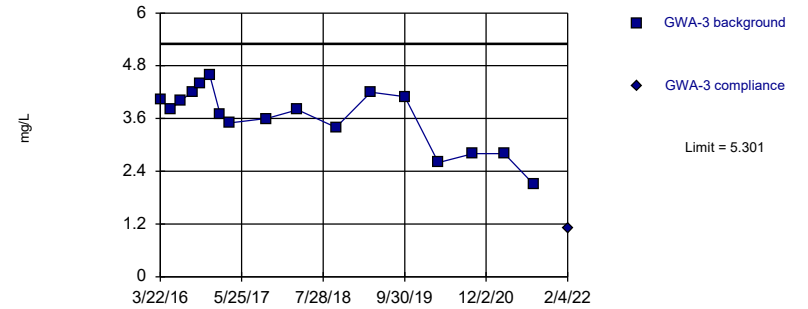


Background Data Summary: Mean=2.365, Std. Dev.=0.2806, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9256, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 3/31/2022 1:46 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Parametric

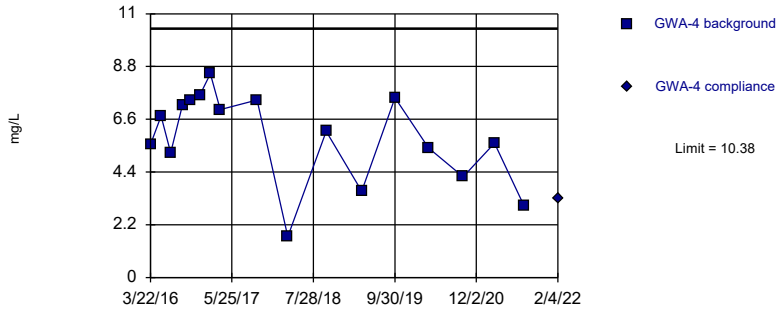


Background Data Summary: Mean=3.626, Std. Dev.=0.6902, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9312, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 3/31/2022 1:46 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Parametric

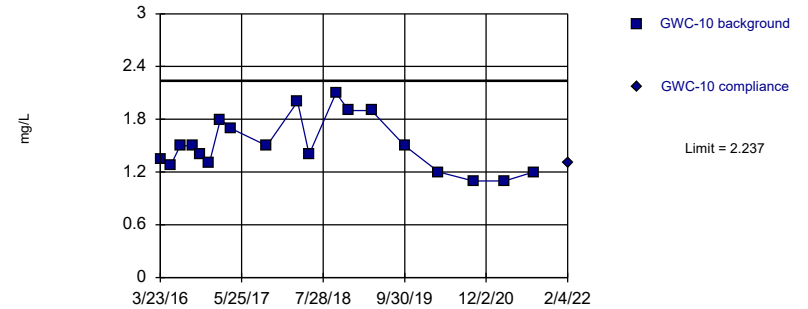


Background Data Summary: Mean=5.864, Std. Dev.=1.863, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9316, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 3/31/2022 1:46 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

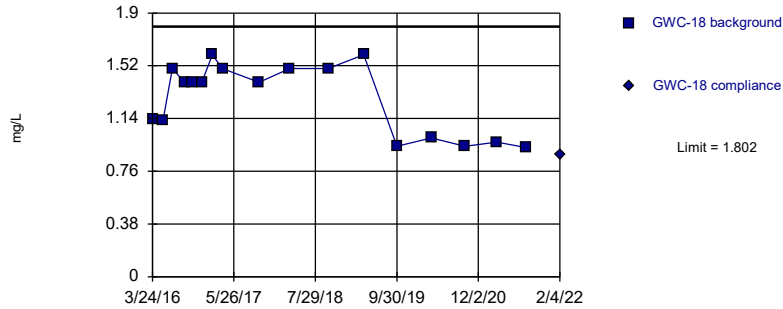
Prediction Limit Intrawell Parametric



Background Data Summary: Mean=1.512, Std. Dev.=0.3062, n=19. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9321, critical = 0.863. Kappa = 2.368 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 3/31/2022 1:46 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

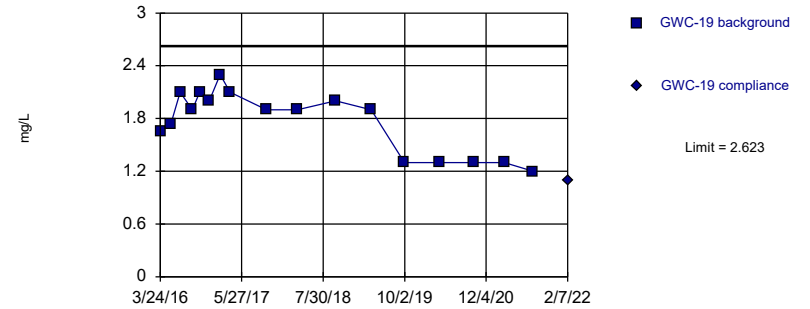
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary (based on square transformation): Mean=1.711, Std. Dev.=0.6329, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8586, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 3/31/2022 1:46 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

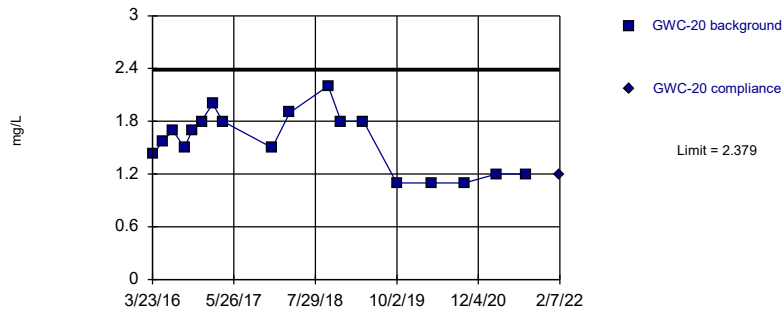
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=1.764, Std. Dev.=0.3539, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8795, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 3/31/2022 1:46 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

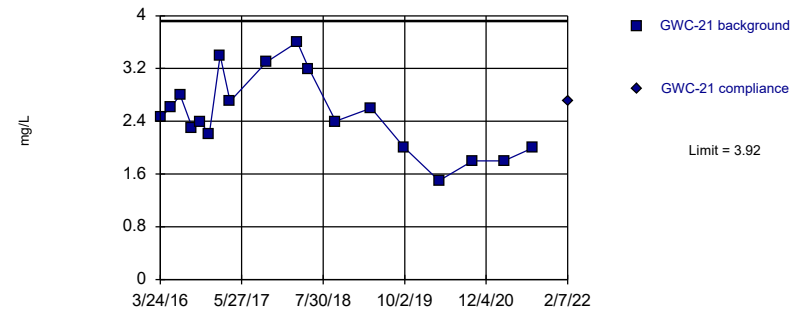
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=1.577, Std. Dev.=0.3346, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9345, critical = 0.858. Kappa = 2.397 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 3/31/2022 1:46 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

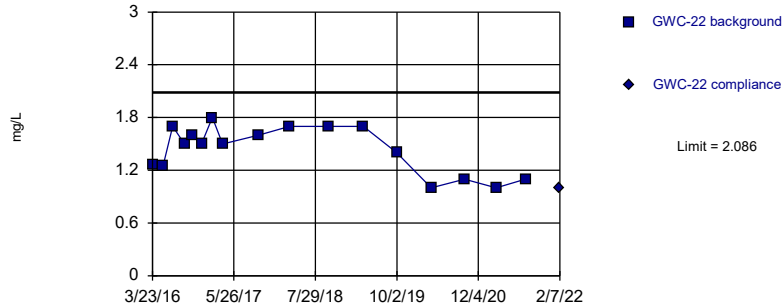
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=2.504, Std. Dev.=0.5908, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9679, critical = 0.858. Kappa = 2.397 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 3/31/2022 1:46 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

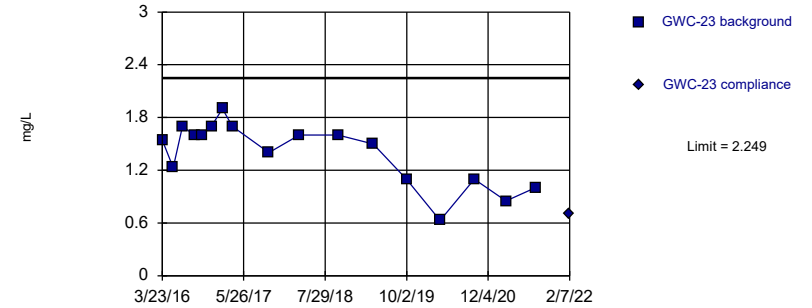
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=1.436, Std. Dev.=0.2681, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9027, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 3/31/2022 1:46 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

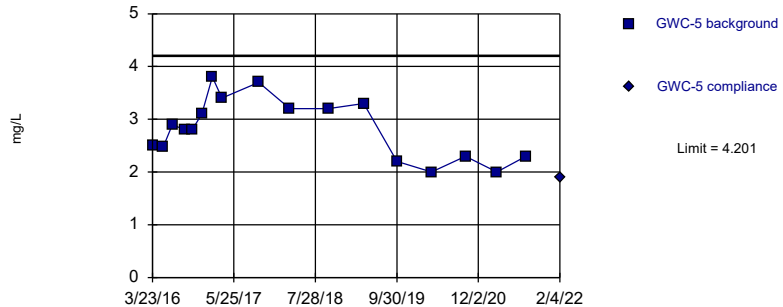
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=1.397, Std. Dev.=0.3512, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9117, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 3/31/2022 1:46 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

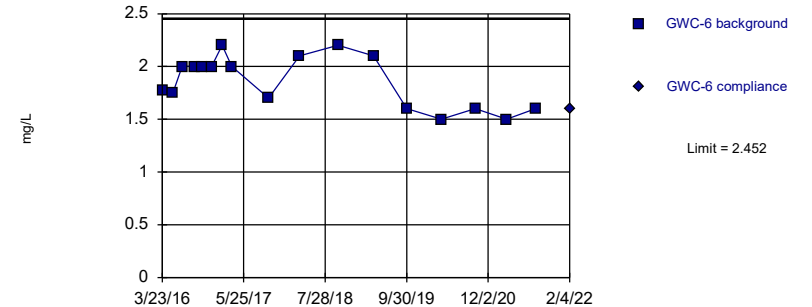
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=2.822, Std. Dev.=0.5683, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9529, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 3/31/2022 1:46 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

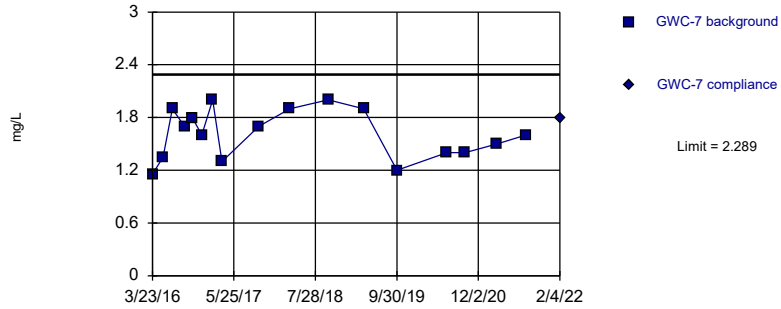
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=1.86, Std. Dev.=0.2439, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8965, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 3/31/2022 1:46 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

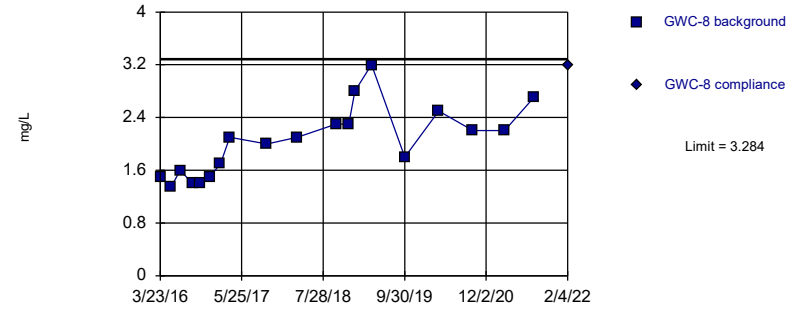
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=1.612, Std. Dev.=0.2791, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9378, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 3/31/2022 1:46 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

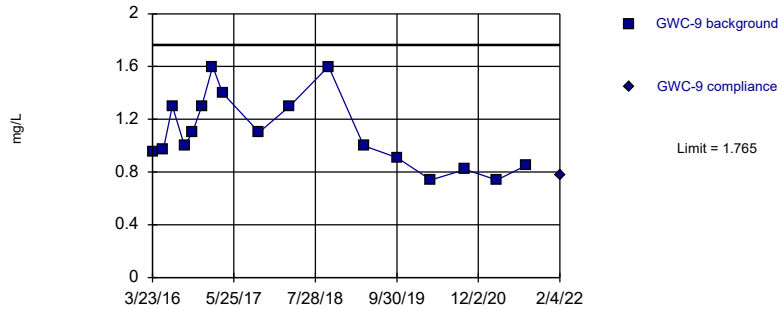
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=2.034, Std. Dev.=0.5279, n=19. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9442, critical = 0.863. Kappa = 2.368 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 3/31/2022 1:46 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

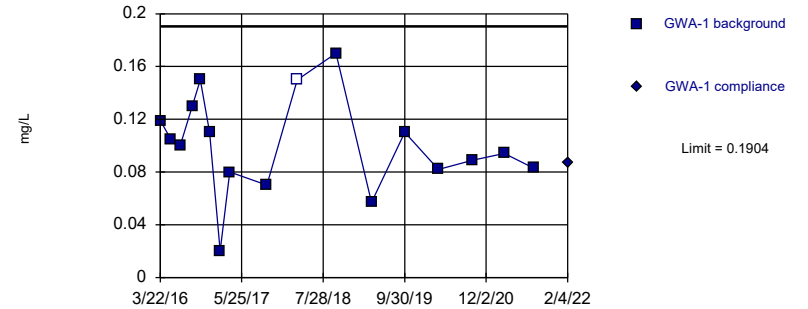
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=1.099, Std. Dev.=0.2742, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9267, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 3/31/2022 1:46 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit Prediction Limit
Intrawell Parametric

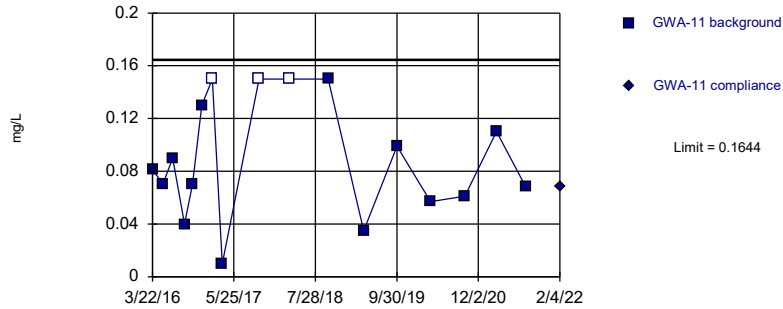


Background Data Summary: Mean=0.1011, Std. Dev.=0.03681, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9799, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 3/31/2022 1:46 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Parametric

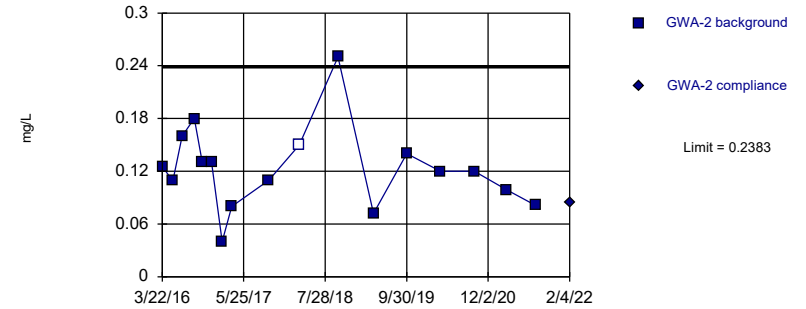


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.07655, Std. Dev.=0.0362, n=17, 17.65% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9297, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 3/31/2022 1:46 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Parametric

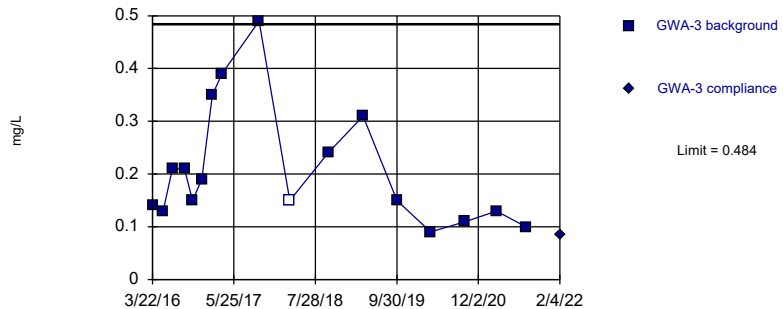


Background Data Summary: Mean=0.1233, Std. Dev.=0.04738, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9415, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 3/31/2022 1:46 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Parametric

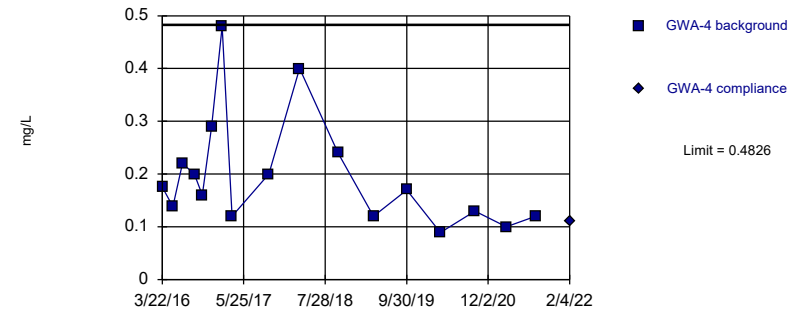


Background Data Summary: Mean=0.2083, Std. Dev.=0.1136, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8567, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 3/31/2022 1:46 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Parametric

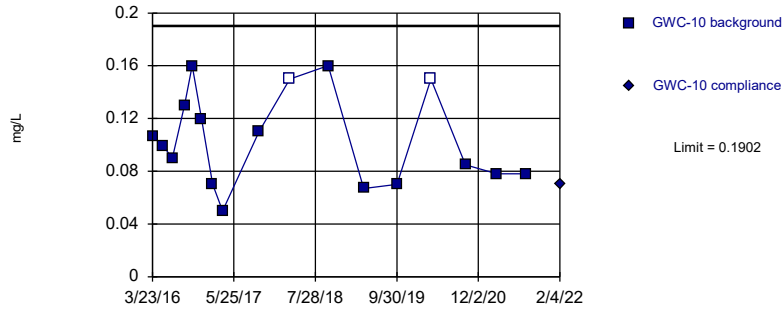


Background Data Summary (based on square root transformation): Mean=0.4315, Std. Dev.=0.1085, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8983, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 3/31/2022 1:46 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Parametric

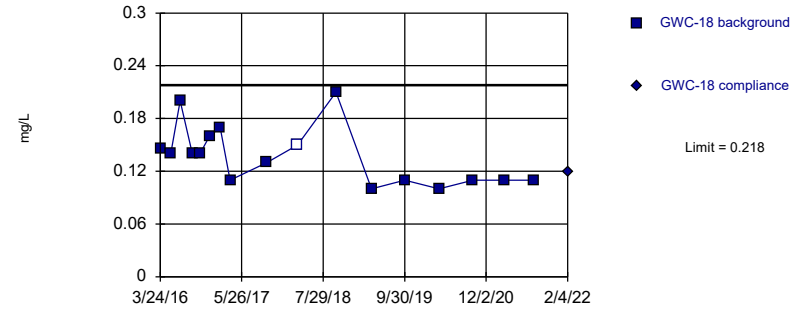


Background Data Summary: Mean=0.1044, Std. Dev.=0.03536, n=17, 11.76% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9287, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 3/31/2022 1:46 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Parametric

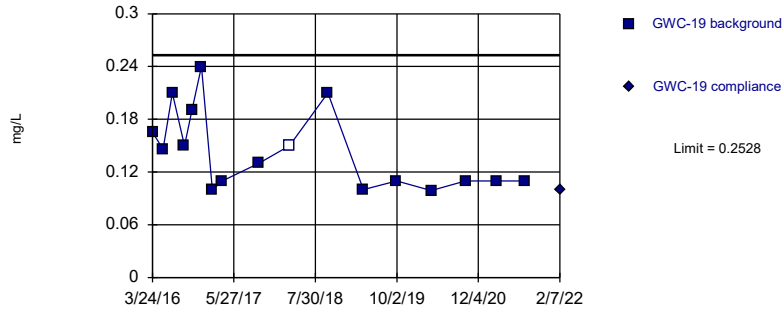


Background Data Summary: Mean=0.1375, Std. Dev.=0.03319, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8897, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 3/31/2022 1:46 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Parametric

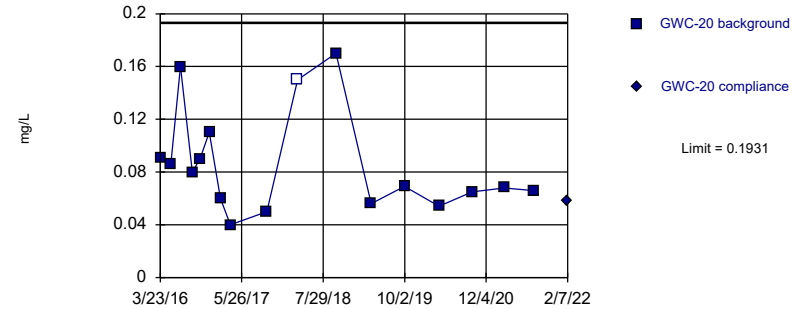


Background Data Summary: Mean=0.1435, Std. Dev.=0.04503, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8591, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 3/31/2022 1:46 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

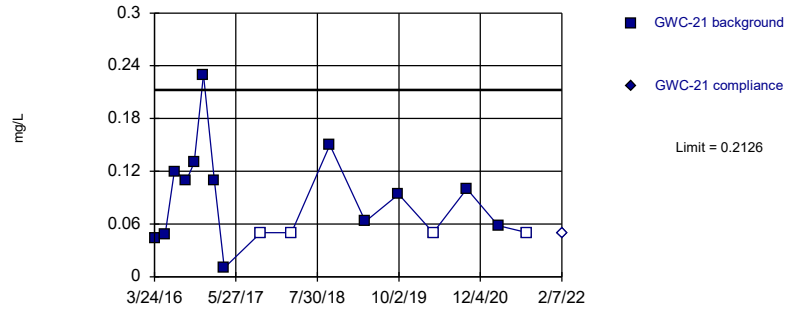
Prediction Limit
Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.2872, Std. Dev.=0.06277, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9019, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 3/31/2022 1:46 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

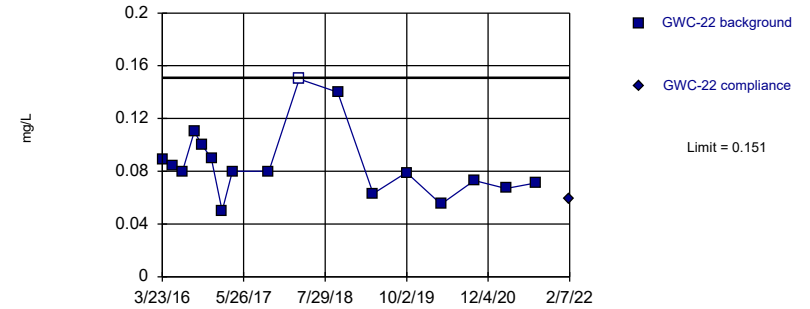
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.08559, Std. Dev.=0.05234, n=17, 23.53% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8873, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 3/31/2022 1:46 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

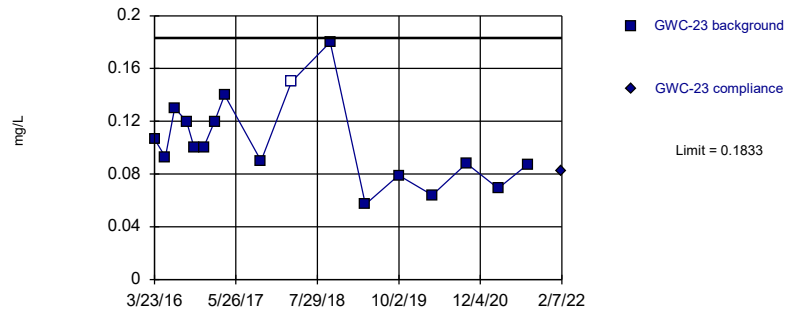
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.08591, Std. Dev.=0.02682, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.886, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 3/31/2022 1:46 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

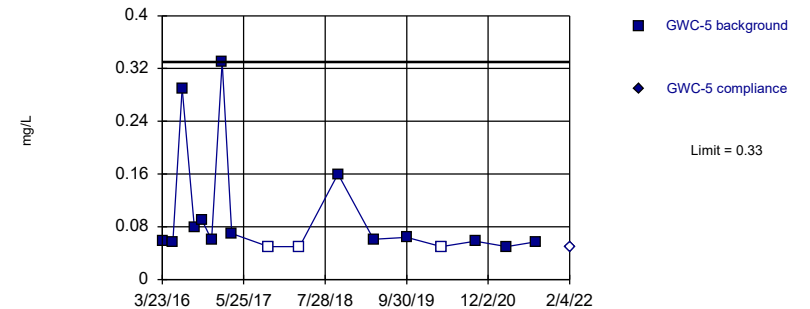
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.1043, Std. Dev.=0.03254, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9591, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 3/31/2022 1:46 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit Prediction Limit
Intrawell Non-parametric

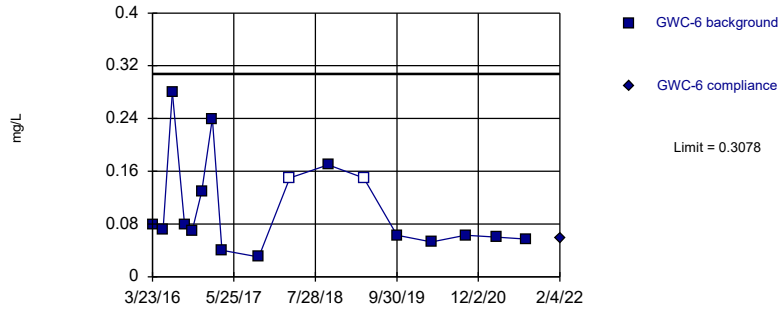


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 17 background values. 17.65% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Fluoride Analysis Run 3/31/2022 1:46 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
 Intrawell Parametric

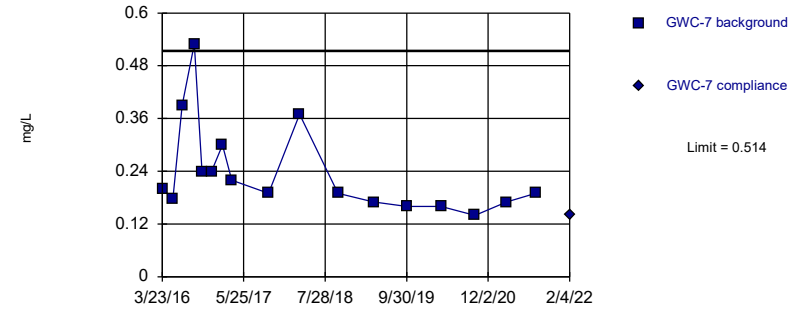


Background Data Summary (based on square root transformation): Mean=0.3089, Std. Dev.=0.1013, n=17, 11.76% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8988, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 3/31/2022 1:46 PM View: PL's Intrawell Federal
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
 Intrawell Parametric

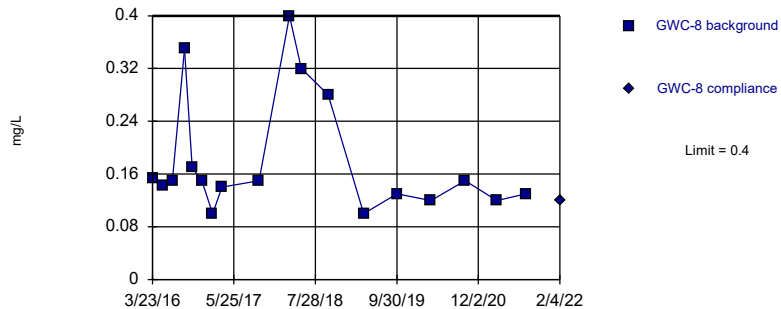


Background Data Summary (based on cube root transformation): Mean=0.6093, Std. Dev.=0.07904, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8552, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 3/31/2022 1:46 PM View: PL's Intrawell Federal
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
 Intrawell Non-parametric

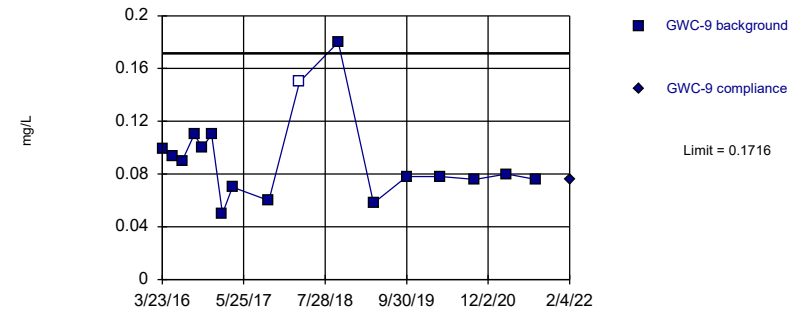


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 18 background values. Well-constituent pair annual alpha = 0.01072. Individual comparison alpha = 0.005373 (1 of 2).

Constituent: Fluoride Analysis Run 3/31/2022 1:46 PM View: PL's Intrawell Federal
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
 Intrawell Parametric

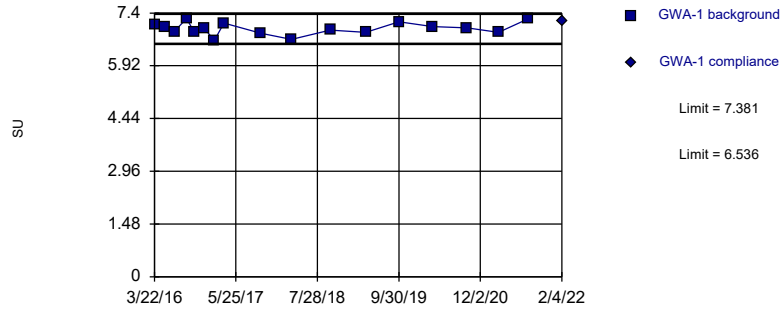


Background Data Summary: Mean=0.0917, Std. Dev.=0.03293, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8739, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 3/31/2022 1:46 PM View: PL's Intrawell Federal
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limits

Prediction Limit Intrawell Parametric

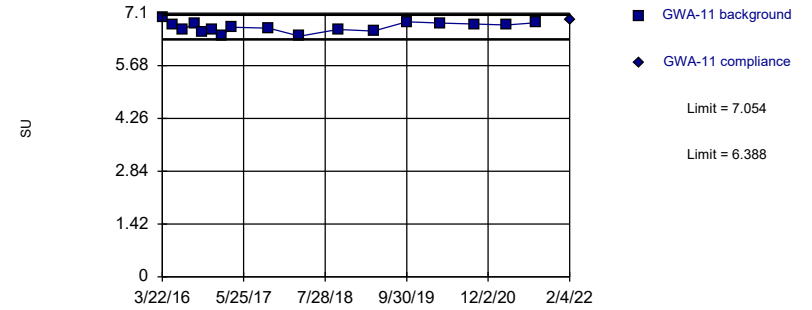


Background Data Summary: Mean=6.958, Std. Dev.=0.1741, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9626, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 3/31/2022 1:46 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limits

Prediction Limit Intrawell Parametric

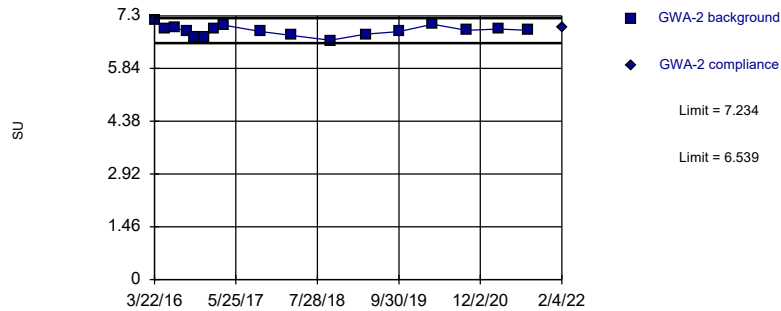


Background Data Summary: Mean=6.721, Std. Dev.=0.1372, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.975, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 3/31/2022 1:46 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limits

Prediction Limit Intrawell Parametric

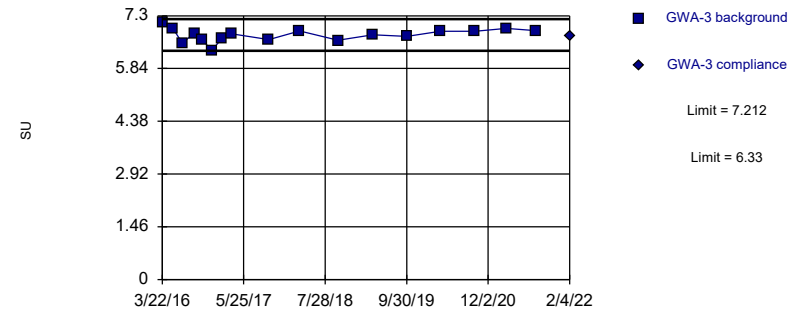


Background Data Summary: Mean=6.886, Std. Dev.=0.1432, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9848, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 3/31/2022 1:46 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limits

Prediction Limit Intrawell Parametric

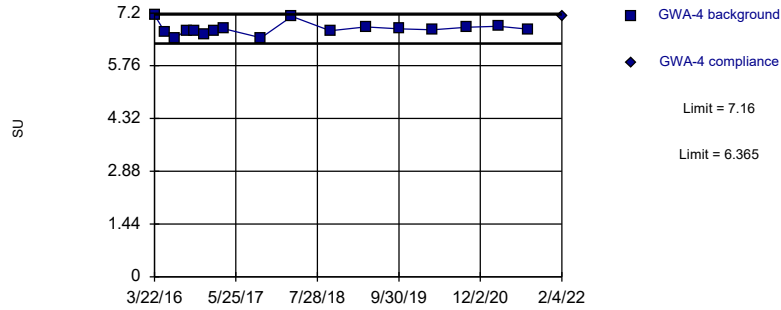


Background Data Summary: Mean=6.771, Std. Dev.=0.1818, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9702, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 3/31/2022 1:46 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limits

Prediction Limit
Intrawell Parametric

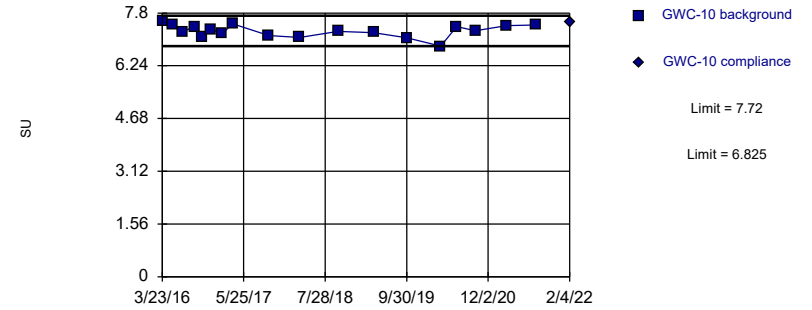


Background Data Summary: Mean=6.762, Std. Dev.=0.1637, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8768, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 3/31/2022 1:47 PM View: PL's Intrawell Federal
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limits

Prediction Limit
Intrawell Parametric

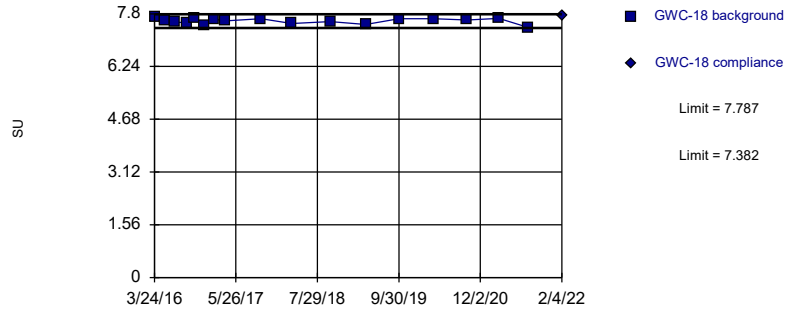


Background Data Summary: Mean=7.272, Std. Dev.=0.1867, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9572, critical = 0.858. Kappa = 2.397 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 3/31/2022 1:47 PM View: PL's Intrawell Federal
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limits

Prediction Limit
Intrawell Parametric

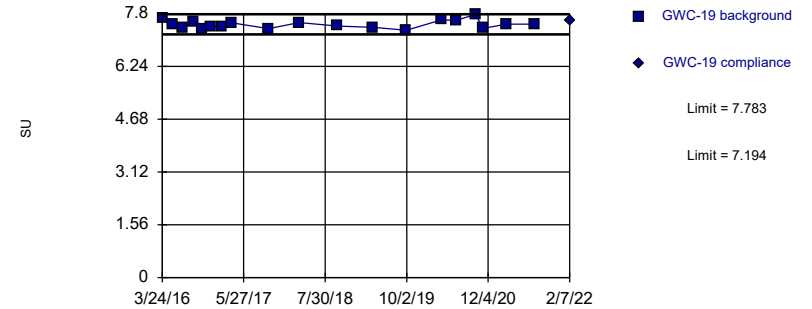


Background Data Summary: Mean=7.585, Std. Dev.=0.08345, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9407, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 3/31/2022 1:47 PM View: PL's Intrawell Federal
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limits

Prediction Limit
Intrawell Parametric

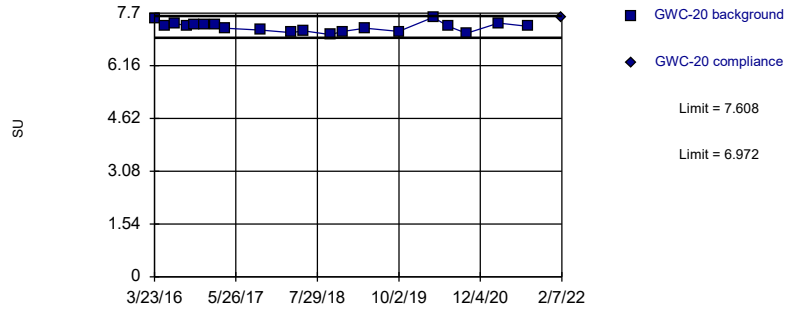


Background Data Summary: Mean=7.488, Std. Dev.=0.1243, n=19. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9518, critical = 0.863. Kappa = 2.368 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 3/31/2022 1:47 PM View: PL's Intrawell Federal
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limits

Prediction Limit
Intrawell Parametric

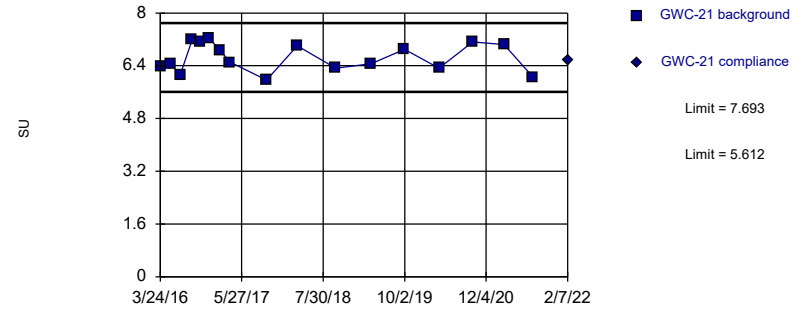


Background Data Summary: Mean=7.29, Std. Dev.=0.1358, n=20. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9576, critical = 0.868. Kappa = 2.338 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 3/31/2022 1:47 PM View: PL's Intrawell Federal
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limits

Prediction Limit
Intrawell Parametric

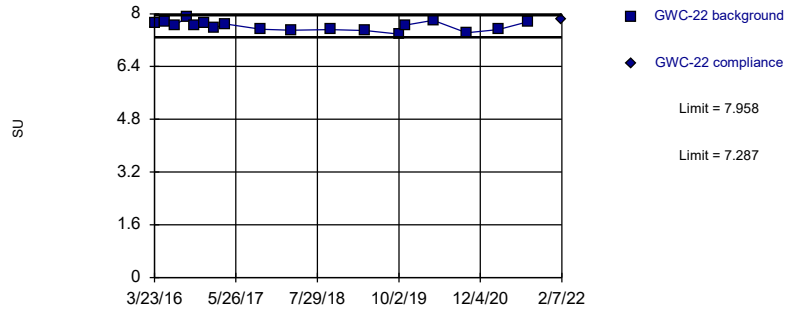


Background Data Summary: Mean=6.652, Std. Dev.=0.4288, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9143, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 3/31/2022 1:47 PM View: PL's Intrawell Federal
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limits

Prediction Limit
Intrawell Parametric

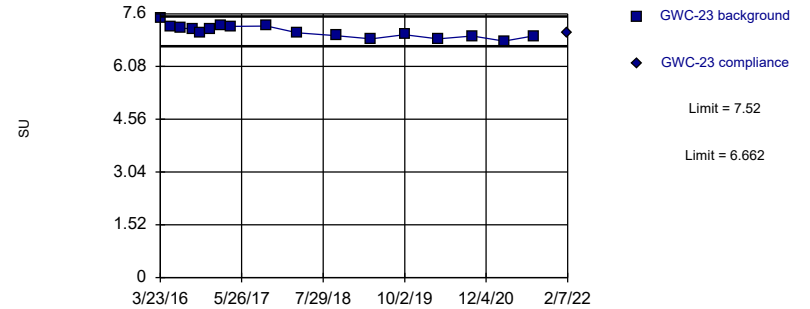


Background Data Summary: Mean=7.623, Std. Dev.=0.1399, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9729, critical = 0.858. Kappa = 2.397 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 3/31/2022 1:47 PM View: PL's Intrawell Federal
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limits

Prediction Limit
Intrawell Parametric

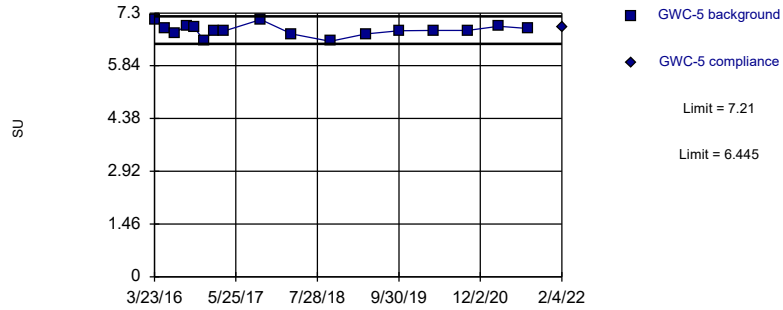


Background Data Summary: Mean=7.091, Std. Dev.=0.1769, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9577, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 3/31/2022 1:47 PM View: PL's Intrawell Federal
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limits

Prediction Limit
Intrawell Parametric

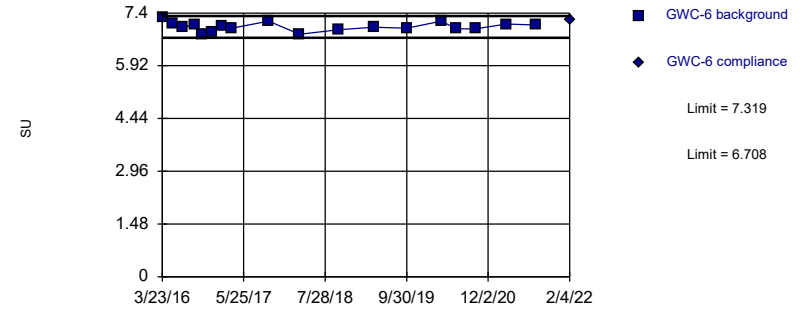


Background Data Summary: Mean=6.828, Std. Dev.=0.1576, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9511, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 3/31/2022 1:47 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limits

Prediction Limit
Intrawell Parametric

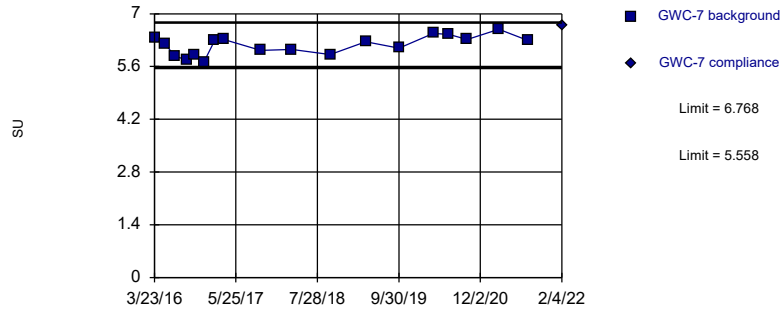


Background Data Summary: Mean=7.014, Std. Dev.=0.1274, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.972, critical = 0.858. Kappa = 2.397 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 3/31/2022 1:47 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limits

Prediction Limit
Intrawell Parametric

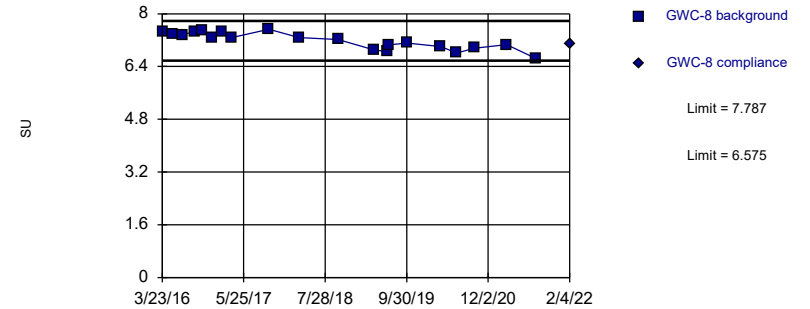


Background Data Summary: Mean=6.163, Std. Dev.=0.2524, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9585, critical = 0.858. Kappa = 2.397 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 3/31/2022 1:47 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limits

Prediction Limit
Intrawell Parametric

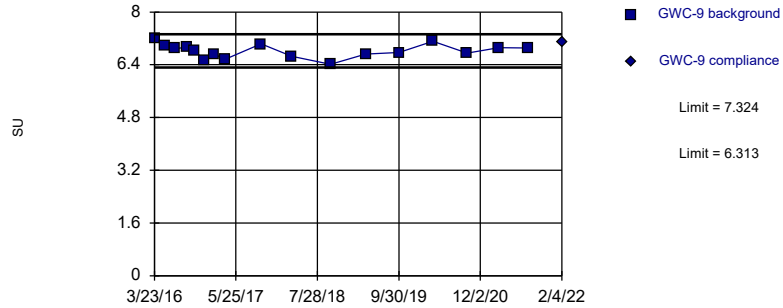


Background Data Summary: Mean=7.181, Std. Dev.=0.259, n=20. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.944, critical = 0.868. Kappa = 2.338 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 3/31/2022 1:47 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limits

Prediction Limit
Intrawell Parametric

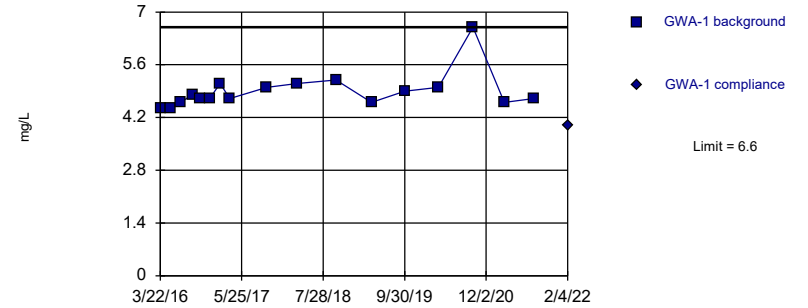


Background Data Summary: Mean=6.819, Std. Dev.=0.2084, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9871, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 3/31/2022 1:47 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

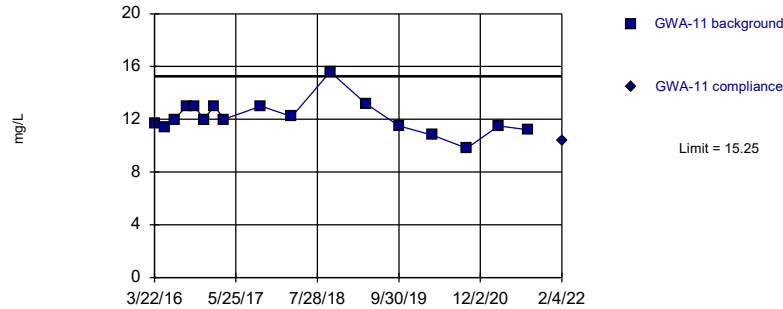


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 17 background values. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Sulfate Analysis Run 3/31/2022 1:47 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Parametric

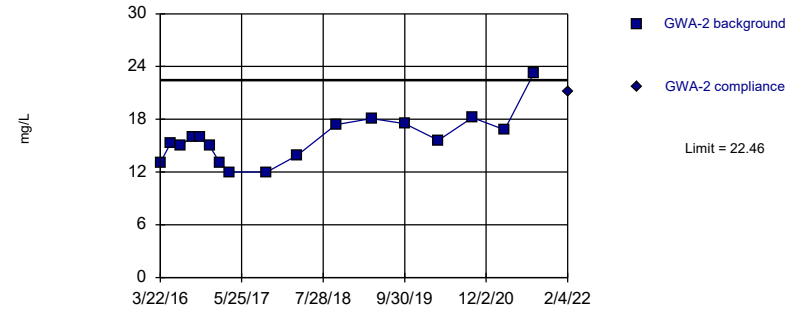


Background Data Summary: Mean=12.17, Std. Dev.=1.271, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9199, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 3/31/2022 1:47 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

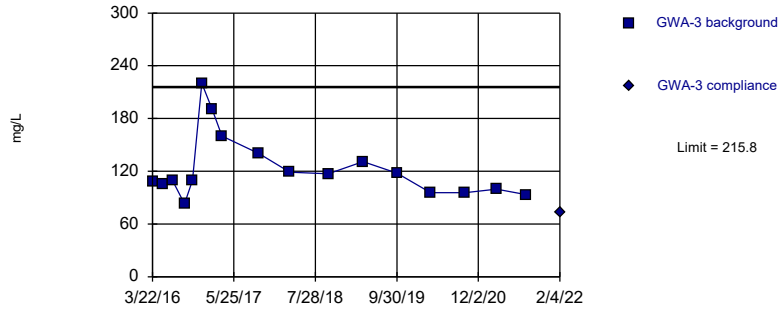
Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=15.77, Std. Dev.=2.757, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9235, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 3/31/2022 1:47 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

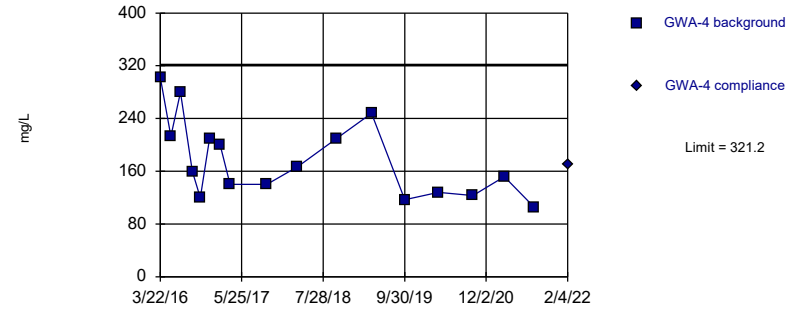
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=11, Std. Dev.=1.519, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8704, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 3/31/2022 1:47 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

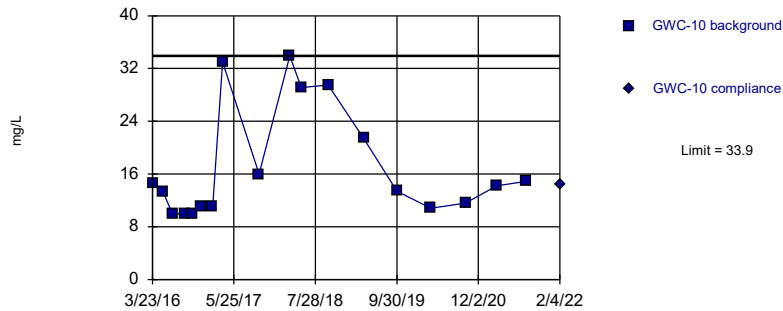
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=177.4, Std. Dev.=59.29, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9106, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 3/31/2022 1:47 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

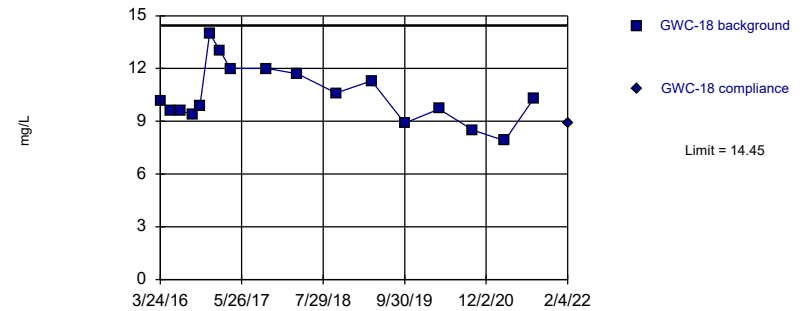
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 18 background values. Well-constituent pair annual alpha = 0.01072. Individual comparison alpha = 0.005373 (1 of 2).

Constituent: Sulfate Analysis Run 3/31/2022 1:47 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit Prediction Limit
Intrawell Parametric

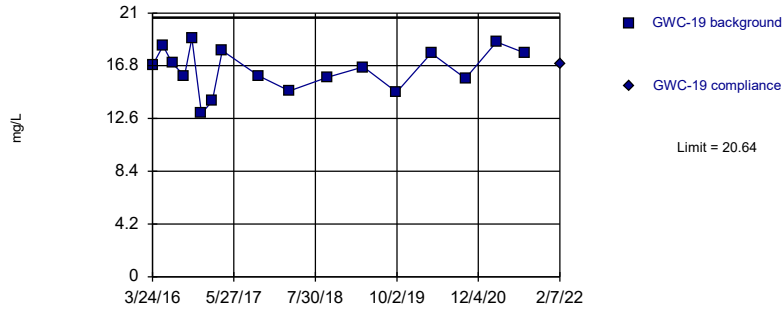


Background Data Summary: Mean=10.5, Std. Dev.=1.628, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9653, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 3/31/2022 1:47 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Parametric

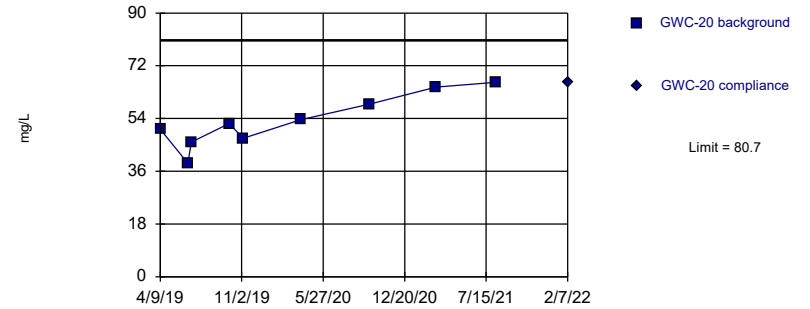


Background Data Summary: Mean=16.5, Std. Dev.=1.709, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9647, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 3/31/2022 1:47 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Parametric

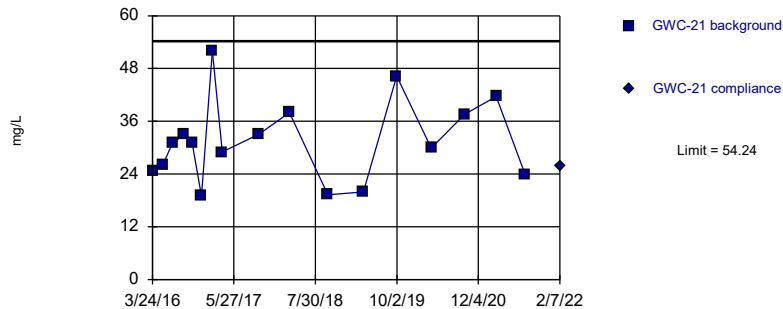


Background Data Summary: Mean=53.13, Std. Dev.=8.981, n=9. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9672, critical = 0.764. Kappa = 3.069 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 3/31/2022 1:47 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Parametric

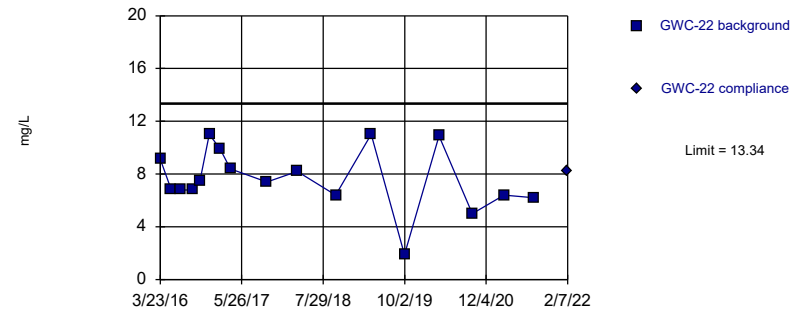


Background Data Summary: Mean=31.49, Std. Dev.=9.375, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9525, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 3/31/2022 1:47 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Parametric

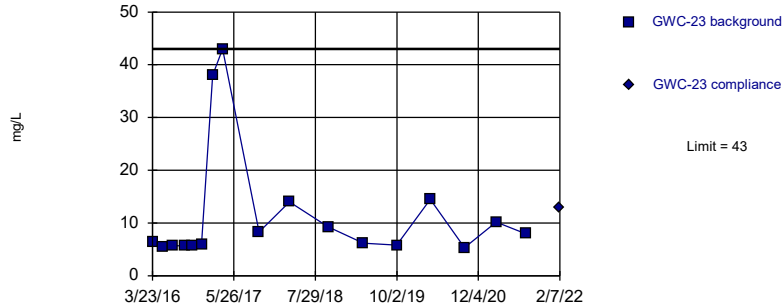


Background Data Summary: Mean=7.635, Std. Dev.=2.352, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9334, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 3/31/2022 1:47 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

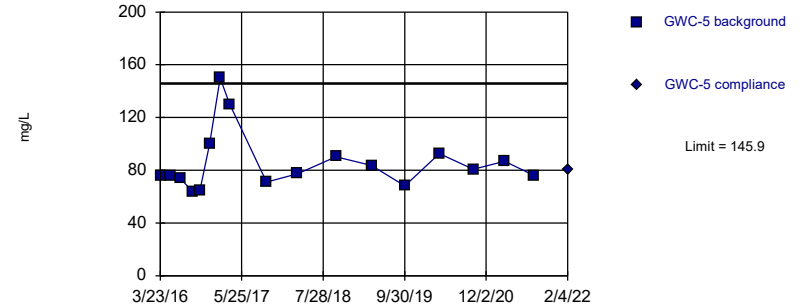


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 17 background values. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Sulfate Analysis Run 3/31/2022 1:47 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Parametric

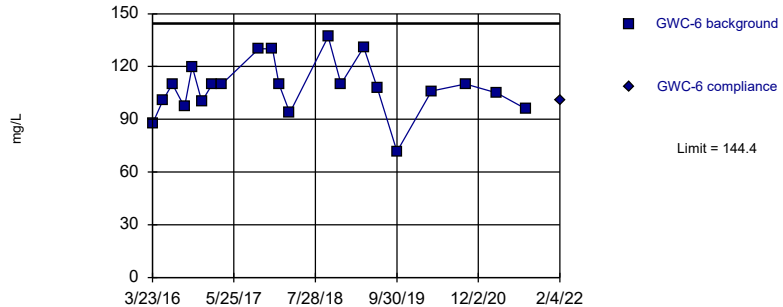


Background Data Summary (based on natural log transformation): Mean=4.427, Std. Dev.=0.2289, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8706, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 3/31/2022 1:47 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Parametric

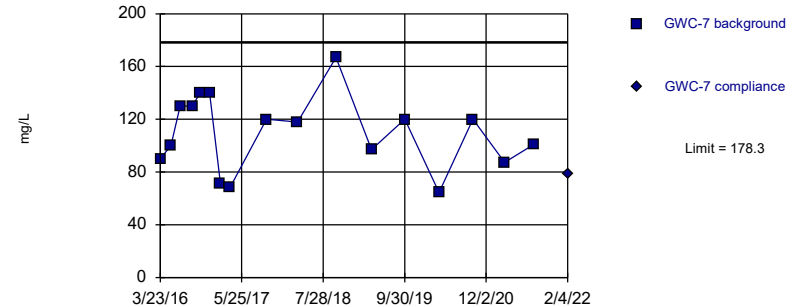


Background Data Summary: Mean=108.3, Std. Dev.=15.56, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9498, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 3/31/2022 1:47 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Parametric

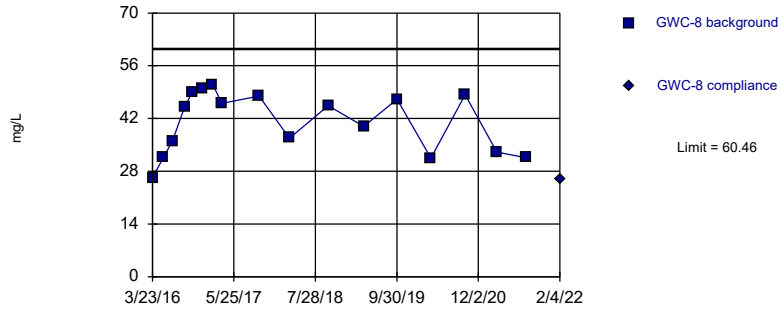


Background Data Summary: Mean=109.7, Std. Dev.=28.29, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.965, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 3/31/2022 1:47 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Parametric

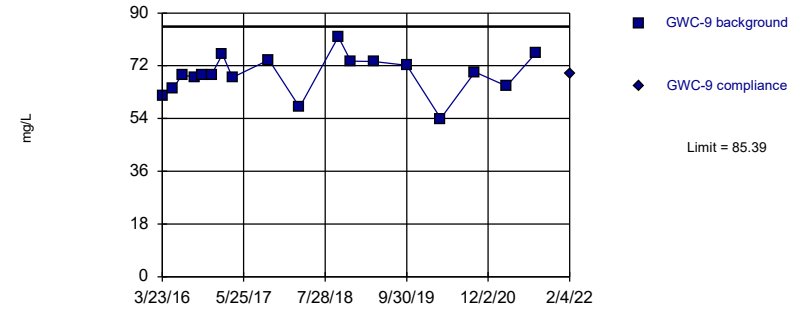


Background Data Summary: Mean=40.99, Std. Dev.=8.027, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8958, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 3/31/2022 1:47 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Parametric

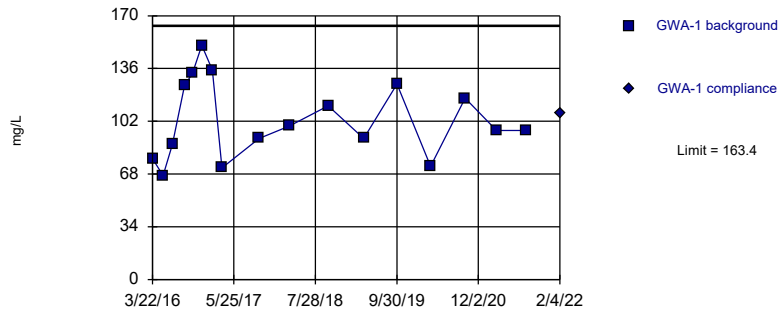


Background Data Summary: Mean=69.08, Std. Dev.=6.805, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9703, critical = 0.858. Kappa = 2.397 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 3/31/2022 1:47 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Parametric

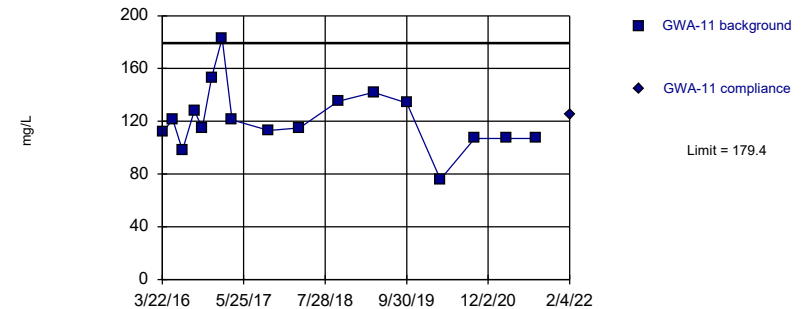


Background Data Summary: Mean=102.9, Std. Dev.=24.95, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9534, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Total Dissolved Solids Analysis Run 3/31/2022 1:47 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

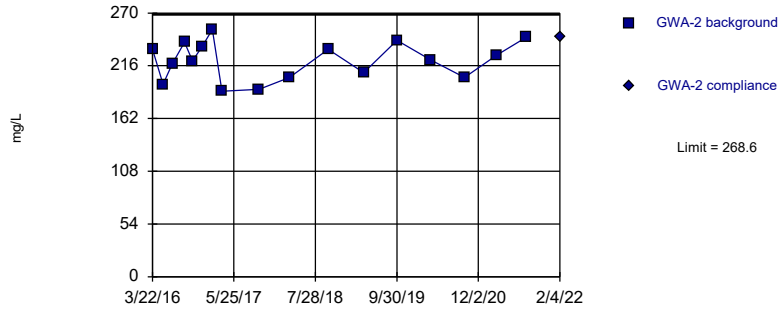
Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=121.6, Std. Dev.=23.82, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9387, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Total Dissolved Solids Analysis Run 3/31/2022 1:47 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

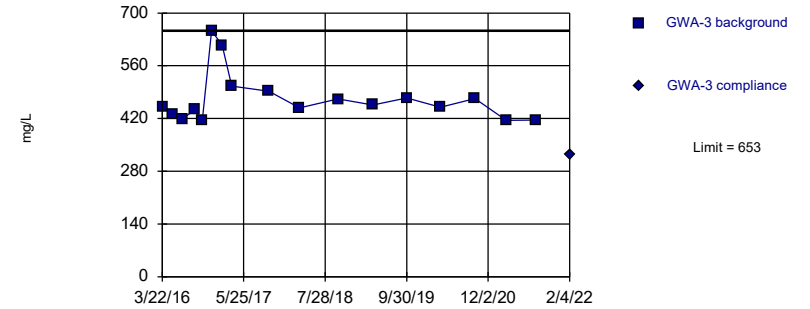
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=221.5, Std. Dev.=19.41, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9562, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Total Dissolved Solids Analysis Run 3/31/2022 1:47 PM View: PL's Intrawell Federal Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

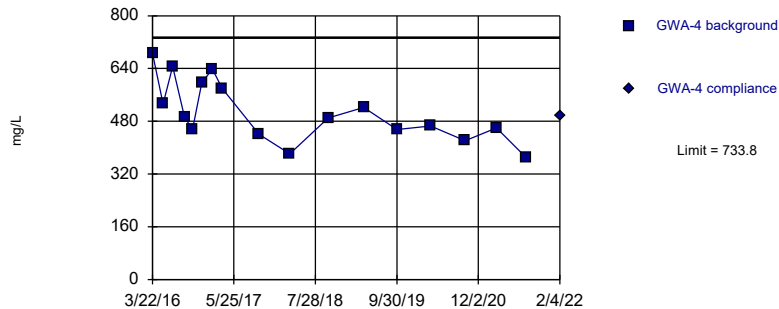
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 17 background values. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Total Dissolved Solids Analysis Run 3/31/2022 1:47 PM View: PL's Intrawell Federal Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

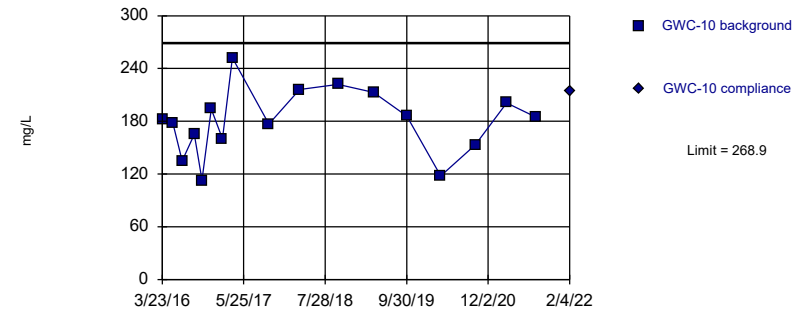
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=507.8, Std. Dev.=93.12, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9475, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Total Dissolved Solids Analysis Run 3/31/2022 1:47 PM View: PL's Intrawell Federal Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit Prediction Limit
Intrawell Parametric

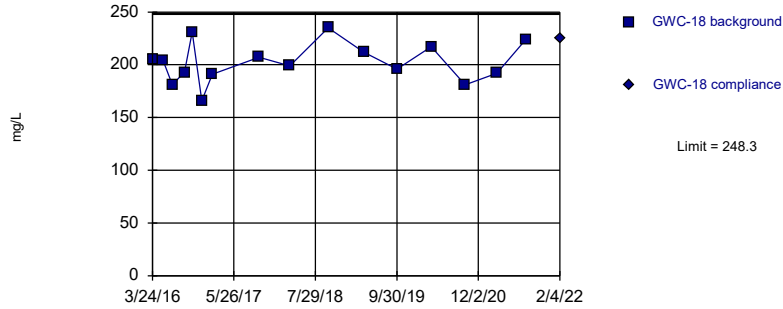


Background Data Summary: Mean=179.4, Std. Dev.=36.87, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9794, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Total Dissolved Solids Analysis Run 3/31/2022 1:47 PM View: PL's Intrawell Federal Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Parametric

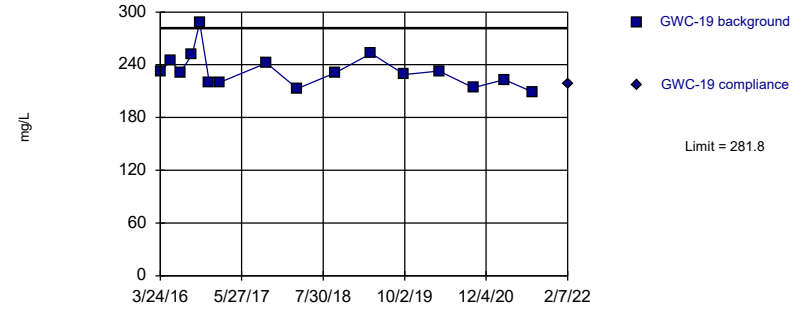


Background Data Summary: Mean=202.1, Std. Dev.=18.8, n=16. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9819, critical = 0.844. Kappa = 2.456 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Total Dissolved Solids Analysis Run 3/31/2022 1:47 PM View: PL's Intrawell Federal Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Parametric

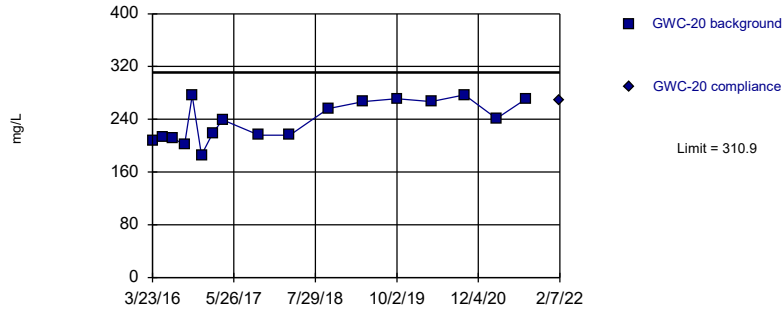


Background Data Summary: Mean=233.4, Std. Dev.=19.68, n=16. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.89, critical = 0.844. Kappa = 2.456 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Total Dissolved Solids Analysis Run 3/31/2022 1:47 PM View: PL's Intrawell Federal Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Parametric

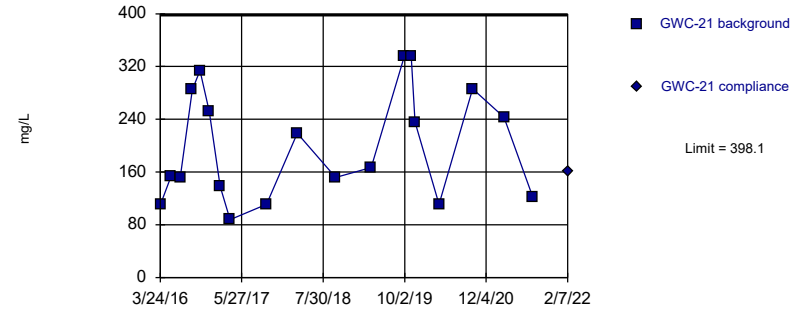


Background Data Summary: Mean=237.4, Std. Dev.=30.3, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8982, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Total Dissolved Solids Analysis Run 3/31/2022 1:47 PM View: PL's Intrawell Federal Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Parametric

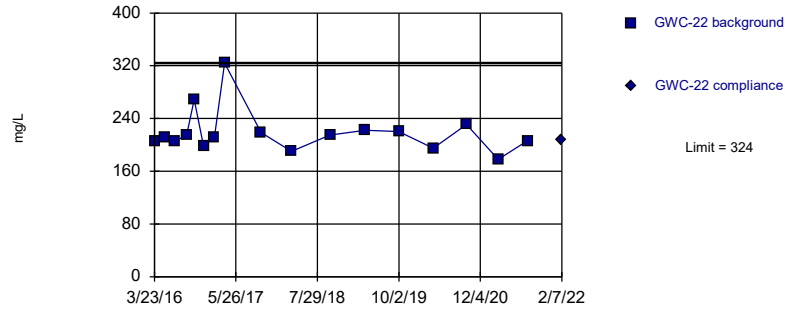


Background Data Summary: Mean=200.5, Std. Dev.=83.46, n=19. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.908, critical = 0.863. Kappa = 2.368 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Total Dissolved Solids Analysis Run 3/31/2022 1:47 PM View: PL's Intrawell Federal Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

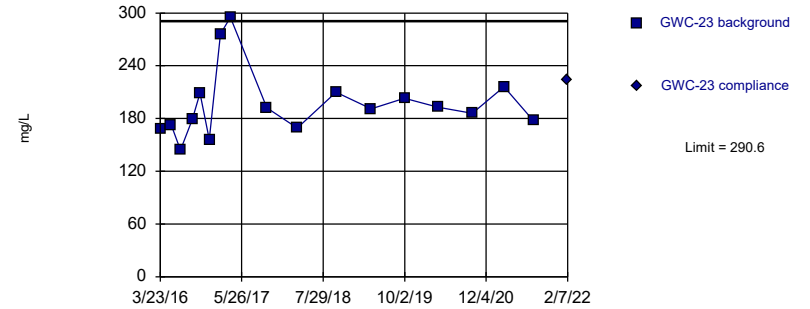


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 17 background values. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Total Dissolved Solids Analysis Run 3/31/2022 1:48 PM View: PL's Intrawell Federal Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Parametric

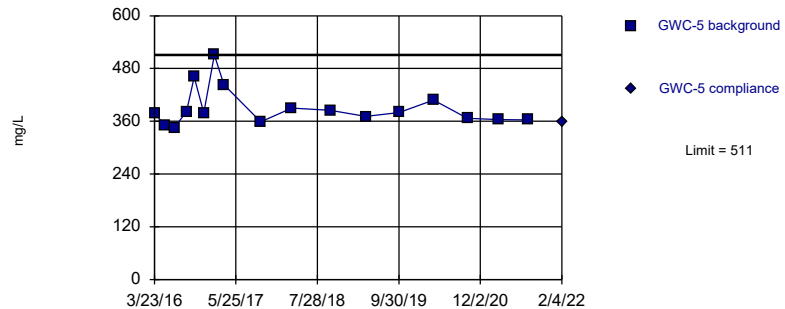


Background Data Summary: Mean=196.4, Std. Dev.=38.83, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8611, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Total Dissolved Solids Analysis Run 3/31/2022 1:48 PM View: PL's Intrawell Federal Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

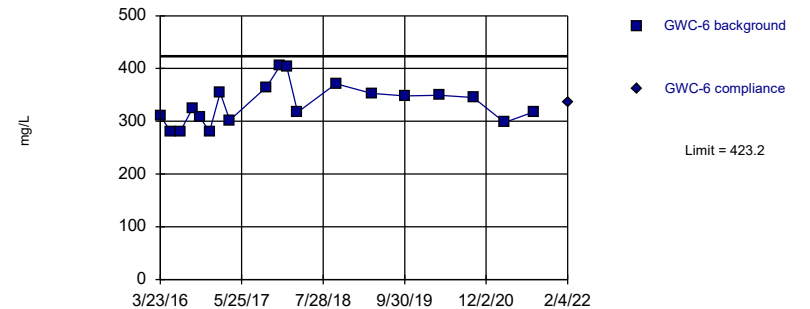


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 17 background values. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Total Dissolved Solids Analysis Run 3/31/2022 1:48 PM View: PL's Intrawell Federal Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Parametric



Background Data Summary: Mean=332.2, Std. Dev.=38.42, n=19. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9424, critical = 0.863. Kappa = 2.368 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Total Dissolved Solids Analysis Run 3/31/2022 1:48 PM View: PL's Intrawell Federal Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 3/31/2022 1:53 PM View: PL's IntraWell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1	GWA-1
3/22/2016	<0.1	
5/17/2016	<0.1	
7/5/2016	0.0419 (J)	
9/7/2016	0.0174 (J)	
10/18/2016	0.0192 (J)	
12/6/2016	0.0182 (J)	
1/31/2017	0.0193 (J)	
3/23/2017	0.0192 (J)	
10/4/2017	0.0199 (J)	
3/14/2018	0.019 (J)	
10/4/2018	0.021 (J)	
4/8/2019	0.019 (J)	
9/30/2019	0.025 (J)	
3/26/2020	0.022 (J)	
9/23/2020	0.047 (J)	
3/8/2021	0.021 (J)	
8/9/2021	0.021 (J)	
2/4/2022		0.018 (J)

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 3/31/2022 1:53 PM View: PL's Intrawell Federal
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)

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 3/31/2022 1:53 PM View: PL's IntraWell Federal
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

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 3/31/2022 1:53 PM View: PL's IntraWell Federal
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

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 3/31/2022 1:53 PM View: PL's Intrawell Federal
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

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 3/31/2022 1:53 PM View: PL's IntraWell Federal
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)

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 3/31/2022 1:53 PM View: PL's IntraWell Federal
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

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 3/31/2022 1:53 PM View: PL's IntraWell Federal
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

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 3/31/2022 1:53 PM View: PL's IntraWell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-20	GWC-20
3/23/2016	<0.1	
5/18/2016	0.0229 (J)	
7/7/2016	0.0169 (J)	
9/8/2016	0.0178 (J)	
10/19/2016	0.018 (J)	
12/7/2016	0.0248 (J)	
2/3/2017	0.0171 (J)	
3/27/2017	0.0181 (J)	
10/5/2017	0.0178 (J)	
3/16/2018	0.016 (J)	
10/5/2018	0.017 (J)	
4/9/2019	0.011 (J)	
10/1/2019	0.019 (J)	
3/31/2020	0.024 (J)	
9/23/2020	0.018 (J)	
3/10/2021	0.018 (J)	
8/10/2021	0.013 (J)	
2/7/2022		0.015 (J)

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 3/31/2022 1:53 PM View: PL's IntraWell Federal
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)

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 3/31/2022 1:53 PM View: PL's IntraWell Federal
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

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 3/31/2022 1:53 PM View: PL's Intrawell Federal
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

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 3/31/2022 1:53 PM View: PL's Intrawell Federal
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

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 3/31/2022 1:53 PM View: PL's IntraWell Federal
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)

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 3/31/2022 1:53 PM View: PL's Intrawell Federal
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

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 3/31/2022 1:53 PM View: PL's Intrawell Federal
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

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 3/31/2022 1:53 PM View: PL's IntraWell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-9	GWC-9
3/23/2016	<0.1	
5/18/2016	0.0202 (J)	
7/6/2016	0.0171 (J)	
9/8/2016	0.0157 (J)	
10/19/2016	0.0152 (J)	
12/8/2016	0.0178 (J)	
2/2/2017	0.0151 (J)	
3/27/2017	0.0203 (J)	
10/5/2017	0.0157 (J)	
3/15/2018	0.013 (J)	
10/5/2018	0.017 (J)	
4/8/2019	0.015 (J)	
10/1/2019	0.018 (J)	
3/27/2020	0.018 (J)	
9/24/2020	0.016 (J)	
3/9/2021	0.014 (J)	
8/10/2021	0.012 (J)	
2/4/2022		0.013 (J)

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 3/31/2022 1:53 PM View: PL's Intrawell Federal
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

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 3/31/2022 1:53 PM View: PL's Intrawell Federal
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

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 3/31/2022 1:53 PM View: PL's Intrawell Federal
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

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 3/31/2022 1:53 PM View: PL's Intrawell Federal
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)

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 3/31/2022 1:53 PM View: PL's Intrawell Federal
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

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's Intrawell Federal
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

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's Intrawell Federal
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

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's Intrawell Federal
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

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's Intrawell Federal
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

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's Intrawell Federal
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

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's Intrawell Federal
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

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's Intrawell Federal
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

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's Intrawell Federal
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

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's Intrawell Federal
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

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's Intrawell Federal
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

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's Intrawell Federal
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

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's Intrawell Federal
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

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's IntraWell Federal
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)

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's IntraWell Federal
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

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's IntraWell Federal
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

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's IntraWell Federal
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

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's IntraWell Federal
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)

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's IntraWell Federal
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

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's IntraWell Federal
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)

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's IntraWell Federal
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

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's IntraWell Federal
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

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's IntraWell Federal
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

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's IntraWell Federal
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

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's IntraWell Federal
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)

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's IntraWell Federal
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

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's IntraWell Federal
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

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's IntraWell Federal
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

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's IntraWell Federal
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

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's IntraWell Federal
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)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's Intrawell Federal
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)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-11	GWA-11
3/22/2016	0.0811 (J)	
5/17/2016	0.0706 (J)	
7/6/2016	0.09 (J)	
9/7/2016	0.04 (J)	
10/18/2016	0.07 (J)	
12/6/2016	0.13 (J)	
2/1/2017	<0.3	
3/24/2017	0.01 (J)	
10/5/2017	<0.3	
3/15/2018	<0.3	
10/4/2018	0.15 (J)	
4/8/2019	0.035 (J)	
9/30/2019	0.099 (J)	
3/26/2020	0.057 (J)	
9/22/2020	0.061 (J)	
3/8/2021	0.11	
8/10/2021	0.068 (J)	
2/4/2022		0.068 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's Intrawell Federal
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)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's Intrawell Federal
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)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's Intrawell Federal
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)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's Intrawell Federal
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)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's Intrawell Federal
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

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's Intrawell Federal
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

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's Intrawell Federal
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)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's Intrawell Federal
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

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's Intrawell Federal
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)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's Intrawell Federal
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)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's Intrawell Federal
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

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's Intrawell Federal
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)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's Intrawell Federal
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

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's Intrawell Federal
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

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's Intrawell Federal
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)

Prediction Limit

Constituent: pH (SU) Analysis Run 3/31/2022 1:54 PM View: PL's Intrawell Federal
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

Prediction Limit

Constituent: pH (SU) Analysis Run 3/31/2022 1:54 PM View: PL's Intrawell Federal
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

Prediction Limit

Constituent: pH (SU) Analysis Run 3/31/2022 1:54 PM View: PL's Intrawell Federal
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

Prediction Limit

Constituent: pH (SU) Analysis Run 3/31/2022 1:54 PM View: PL's Intrawell Federal
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

Prediction Limit

Constituent: pH (SU) Analysis Run 3/31/2022 1:54 PM View: PL's Intrawell Federal
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

Prediction Limit

Constituent: pH (SU) Analysis Run 3/31/2022 1:54 PM View: PL's Intrawell Federal
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

Prediction Limit

Constituent: pH (SU) Analysis Run 3/31/2022 1:54 PM View: PL's Intrawell Federal
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

Prediction Limit

Constituent: pH (SU) Analysis Run 3/31/2022 1:54 PM View: PL's Intrawell Federal
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

Prediction Limit

Constituent: pH (SU) Analysis Run 3/31/2022 1:54 PM View: PL's Intrawell Federal
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

Prediction Limit

Constituent: pH (SU) Analysis Run 3/31/2022 1:54 PM View: PL's Intrawell Federal
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

Prediction Limit

Constituent: pH (SU) Analysis Run 3/31/2022 1:54 PM View: PL's IntraWell Federal
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

Prediction Limit

Constituent: pH (SU) Analysis Run 3/31/2022 1:54 PM View: PL's Intrawell Federal
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

Prediction Limit

Constituent: pH (SU) Analysis Run 3/31/2022 1:54 PM View: PL's Intrawell Federal
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

Prediction Limit

Constituent: pH (SU) Analysis Run 3/31/2022 1:54 PM View: PL's Intrawell Federal
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

Prediction Limit

Constituent: pH (SU) Analysis Run 3/31/2022 1:54 PM View: PL's Intrawell Federal
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

Prediction Limit

Constituent: pH (SU) Analysis Run 3/31/2022 1:54 PM View: PL's Intrawell Federal
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

Prediction Limit

Constituent: pH (SU) Analysis Run 3/31/2022 1:54 PM View: PL's Intrawell Federal
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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's Intrawell Federal
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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's Intrawell Federal
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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's Intrawell Federal
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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-3	GWA-3
3/22/2016	107.476	
5/17/2016	106	
7/5/2016	110	
9/7/2016	83	
10/18/2016	110	
12/6/2016	220	
2/1/2017	190	
3/23/2017	160	
10/4/2017	140	
3/15/2018	119	
10/4/2018	117	
4/5/2019	131	
9/30/2019	118	
3/26/2020	95.8	
9/23/2020	95.6	
3/8/2021	99.5	
8/9/2021	93.3	
2/4/2022		73.5

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's Intrawell Federal
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)

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's Intrawell Federal
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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's Intrawell Federal
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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's Intrawell Federal
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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's Intrawell Federal
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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's Intrawell Federal
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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's Intrawell Federal
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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-23	GWC-23
3/23/2016	6.2867	
5/19/2016	5.42	
7/7/2016	5.7	
9/8/2016	5.7	
10/19/2016	5.8	
12/7/2016	5.9	
2/3/2017	38	
3/27/2017	43	
10/5/2017	8.3	
3/15/2018	14	
10/5/2018	9.3	
4/8/2019	6.2	
10/1/2019	5.8	
3/26/2020	14.5	
9/23/2020	5.3	
3/9/2021	10.2	
8/10/2021	8	
2/7/2022		13

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's Intrawell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-5	GWC-5
3/23/2016	76.011	
5/17/2016	76.2	
7/6/2016	74	
9/7/2016	64	
10/18/2016	65	
12/8/2016	100	
2/1/2017	150	
3/23/2017	130	
10/4/2017	71	
3/16/2018	77.4	
10/4/2018	90.3	
4/9/2019	83.6	
10/1/2019	68.1	
3/31/2020	92.6	
9/25/2020	80.7	
3/9/2021	86.9	
8/10/2021	76.1	
2/4/2022		80.1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's Intrawell Federal
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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's Intrawell Federal
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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's Intrawell Federal
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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's Intrawell Federal
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

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's IntraWell Federal
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

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's IntraWell Federal
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

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's IntraWell Federal
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

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's IntraWell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-3	GWA-3
3/22/2016	451	
5/17/2016	430	
7/5/2016	418	
9/7/2016	443	
10/18/2016	415	
12/6/2016	653	
2/1/2017	615	
3/23/2017	506	
10/4/2017	492	
3/15/2018	448	
10/4/2018	472	
4/5/2019	456	
9/30/2019	475	
3/26/2020	450	
9/23/2020	473	
3/8/2021	415	
8/9/2021	416	
2/4/2022		325

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's IntraWell Federal
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-4	GWA-4
3/22/2016	686	
5/17/2016	533	
7/6/2016	646	
9/7/2016	493	
10/18/2016	455	
12/6/2016	597	
2/1/2017	638	
3/24/2017	579	
10/4/2017	440	
3/15/2018	381	
10/4/2018	490	
4/8/2019	522	
9/30/2019	455	
3/26/2020	466	
9/23/2020	421	
3/8/2021	460	
8/9/2021	371	
2/4/2022		496

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's IntraWell Federal
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

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's IntraWell Federal
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

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's IntraWell Federal
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

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's IntraWell Federal
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

Prediction Limit

Constituent: T Total Dissolved Solids (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's IntraWell Federal
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

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's IntraWell Federal
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

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's IntraWell Federal
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

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's IntraWell Federal
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

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's IntraWell Federal
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

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's IntraWell Federal
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

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's IntraWell Federal
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

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/31/2022 1:54 PM View: PL's IntraWell Federal
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

FIGURE I.

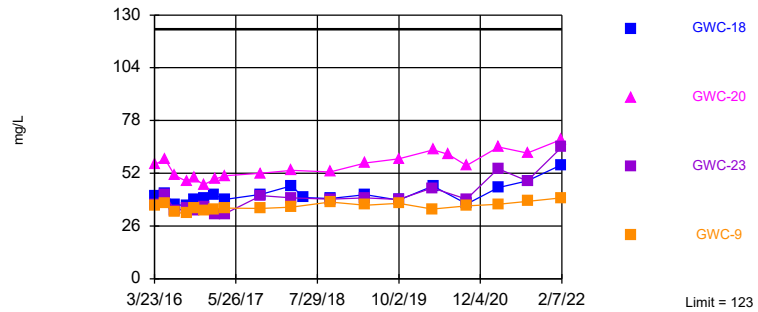
Interwell Prediction Limits (Appendix III Two-Step) - All Results (No Significant)

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 3/28/2022, 11:33 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method	
Calcium (mg/L)	GWC-18	123	n/a	2/4/2022	56.1	No	90	n/a	n/a	2.222	n/a	n/a	0.0002358	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-20	123	n/a	2/7/2022	68.7	No	90	n/a	n/a	2.222	n/a	n/a	0.0002358	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-23	123	n/a	2/7/2022	64.9	No	90	n/a	n/a	2.222	n/a	n/a	0.0002358	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-9	123	n/a	2/4/2022	39.8	No	90	n/a	n/a	2.222	n/a	n/a	0.0002358	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 Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 90 background values. 2.222% NDs. Annual per-constituent alpha = 0.005644. Individual comparison alpha = 0.0002358 (1 of 2). Comparing 4 points to limit. Assumes 8 future values.

Constituent: Calcium Analysis Run 3/28/2022 11:32 AM View: Interwell Two-Step App III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 3/28/2022 11:33 AM View: Interwell Two-Step App III

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-4 (bg)	GWA-3 (bg)	GWA-2 (bg)	GWA-11 (bg)	GWC-20	GWC-23	GWC-9	GWC-18
3/22/2016	13.9	123	79.3	47.4	23.8				
3/23/2016						56.3	36.4	36	
3/24/2016									40.7
5/17/2016	15.6	99.2	75.8	45.5	21.5				
5/18/2016						59		37.3	41.9
5/19/2016							41.5		
7/5/2016	15.7		65.3	40.5					
7/6/2016		109			20.6			32.8	
7/7/2016						50.9	33.5		36.8
9/7/2016	18.2	67.2	59.8	37.3	16.7				
9/8/2016						48	34.7	32.1	35.9
10/18/2016	17.7	77.9	72.4	46.6	20.3				
10/19/2016						49.7	33.4	35	38.7
12/6/2016	16.9	93.3	78.6		19.7				
12/7/2016				43.5		46.4	35.5		
12/8/2016								33.4	39.4
1/31/2017	17.9			39.2					
2/1/2017		92.8	85		18.1				
2/2/2017								34.3	41.5
2/3/2017						49	31.7		
3/23/2017	13.9		81.2	38.7					
3/24/2017		96.3			21.1				
3/27/2017						50.7	32	34.9	39.1
10/4/2017	15.9	75.1	78.8	36.5					
10/5/2017					20.1	52	41	34.7	41.6
3/14/2018	<25			39.5					
3/15/2018		69.9	83.5		<25		39.8	35.3	
3/16/2018						53.4			45.9
5/16/2018									40
10/4/2018	15.9 (J)	77.8	75.2	41.7	21.3 (J)				
10/5/2018						52.7	39.3	37.8	39.6
4/5/2019			76.5						
4/8/2019	15.7	86.6		44.1	22.4		39.8	36.3	
4/9/2019						57.1			41.4
9/30/2019	17.6	78.3	74.7	44.6	19.6				
10/1/2019						59.1	39.1	37.2	38.7
3/26/2020	14	87.4	78.7	43.2	22.4		44.7		
3/27/2020								34.3	
3/30/2020									45.7
3/31/2020						63.6			
6/19/2020						61.4 (R)			
9/21/2020				45.8					
9/22/2020					19.5				
9/23/2020	17.6	74.9	76.2			55.8	39.2		
9/24/2020								35.9	36.9
3/8/2021	16.2 (M1)	87.2	73.5		22				
3/9/2021				48.7			54.3	36.8	44.9
3/10/2021						64.9			
8/9/2021	20.2	69.7	73.2	49.9					
8/10/2021					20.8	62	48.2	38.1	48.2
2/4/2022	18.3	97.3	59 (M1)	57.6	23.7			39.8	56.1
2/7/2022						68.7	64.9		

FIGURE J.

Trend Tests (Prediction Limit Exceedances) - Significant Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 3/28/2022, 11:43 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium (mg/L)	GWA-2 (bg)	0.003814	424	214	Yes	39	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-3 (bg)	-0.00523	-468	-214	Yes	39	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-4 (bg)	-0.002673	-295	-214	Yes	39	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWC-23	0.001527	296	214	Yes	39	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-20	2.784	97	74	Yes	19	0	n/a	n/a	0.01	NP

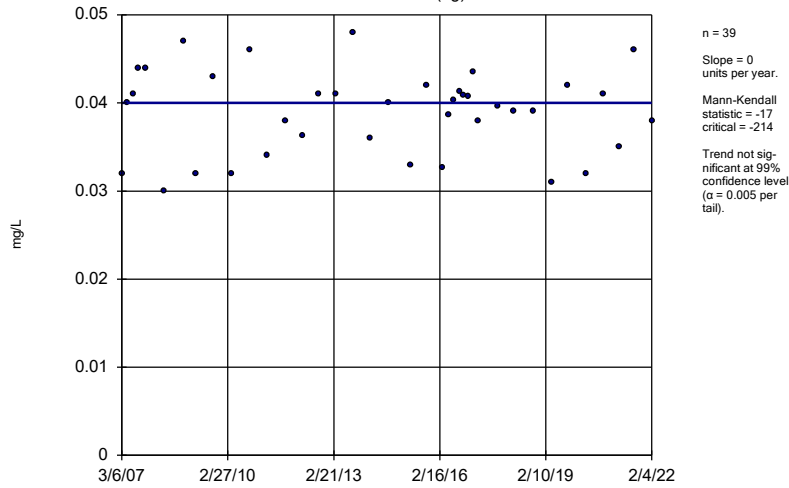
Trend Tests (Prediction Limit Exceedances) - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 3/28/2022, 11:43 AM

<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Normality</u>	<u>Xform</u>	<u>Alpha</u>	<u>Method</u>
Barium (mg/L)	GWA-1 (bg)	0	-17	-214	No	39	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-11 (bg)	-0.0001807	-185	-214	No	39	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-2 (bg)	0.003814	424	214	Yes	39	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-3 (bg)	-0.00523	-468	-214	Yes	39	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-4 (bg)	-0.002673	-295	-214	Yes	39	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWC-23	0.001527	296	214	Yes	39	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-1 (bg)	0.2607	37	68	No	18	5.556	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-11 (bg)	0.2331	14	68	No	18	5.556	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-2 (bg)	1.452	49	68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-3 (bg)	-0.711	-29	-68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-4 (bg)	-2.912	-39	-68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-18	1.331	58	74	No	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-20	2.784	97	74	Yes	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-23	2.593	68	68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-9	0.7095	66	68	No	18	0	n/a	n/a	0.01	NP

Sen's Slope Estimator

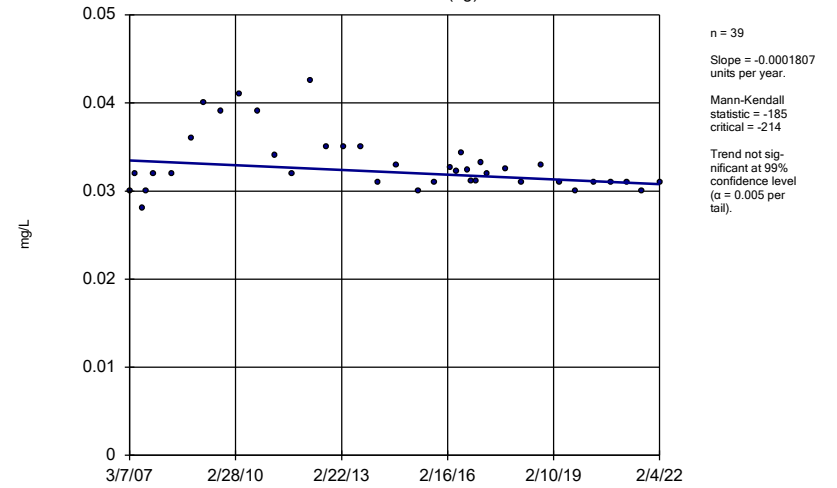
GWA-1 (bg)



Constituent: Barium Analysis Run 3/28/2022 11:42 AM View: Trend Tests - PL Exceedances
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sen's Slope Estimator

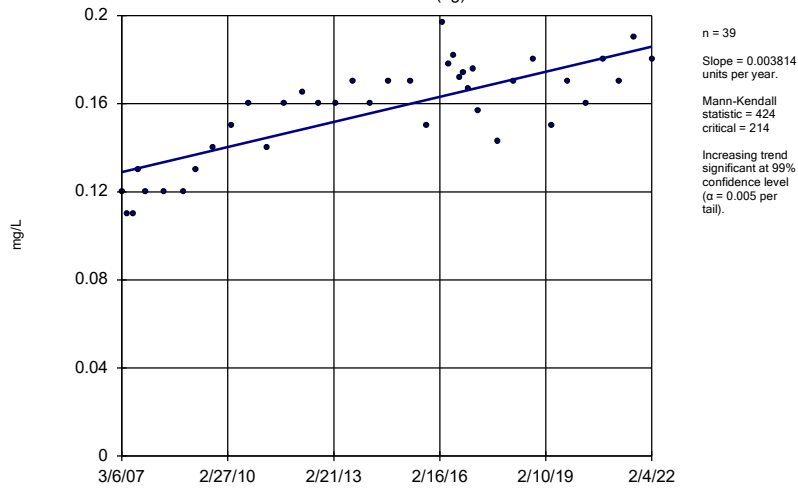
GWA-11 (bg)



Constituent: Barium Analysis Run 3/28/2022 11:42 AM View: Trend Tests - PL Exceedances
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sen's Slope Estimator

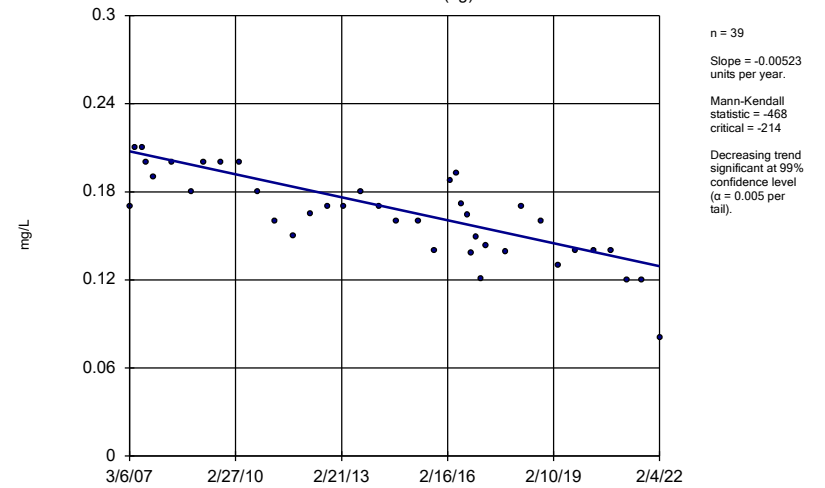
GWA-2 (bg)



Constituent: Barium Analysis Run 3/28/2022 11:42 AM View: Trend Tests - PL Exceedances
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sen's Slope Estimator

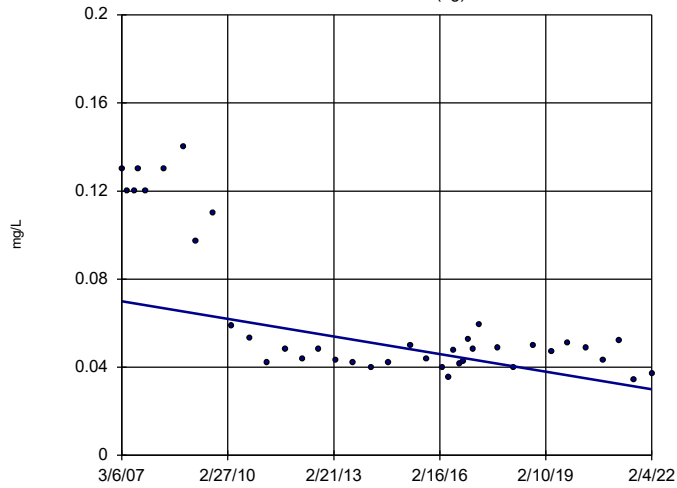
GWA-3 (bg)



Constituent: Barium Analysis Run 3/28/2022 11:42 AM View: Trend Tests - PL Exceedances
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sen's Slope Estimator

GWA-4 (bg)

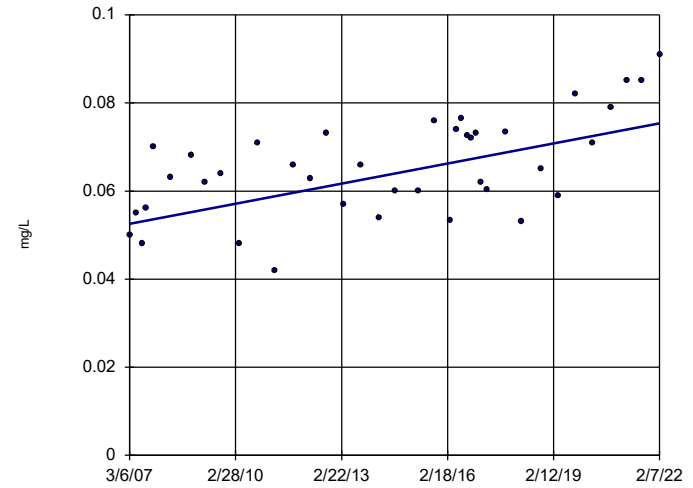


n = 39
 Slope = -0.002673
 units per year.
 Mann-Kendall
 statistic = -295
 critical = -214
 Decreasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Barium Analysis Run 3/28/2022 11:42 AM View: Trend Tests - PL Exceedances
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sen's Slope Estimator

GWC-23

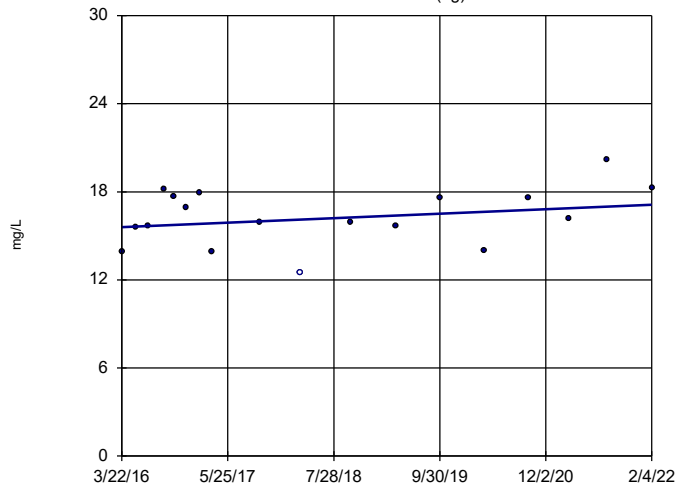


n = 39
 Slope = 0.001527
 units per year.
 Mann-Kendall
 statistic = 296
 critical = 214
 Increasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Barium Analysis Run 3/28/2022 11:42 AM View: Trend Tests - PL Exceedances
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sen's Slope Estimator

GWA-1 (bg)

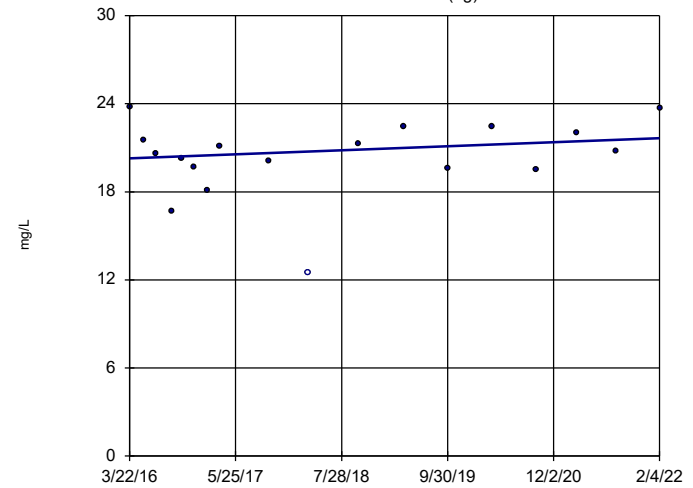


n = 18
 Slope = 0.2607
 units per year.
 Mann-Kendall
 statistic = 37
 critical = 68
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Calcium Analysis Run 3/28/2022 11:42 AM View: Trend Tests - PL Exceedances
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sen's Slope Estimator

GWA-11 (bg)

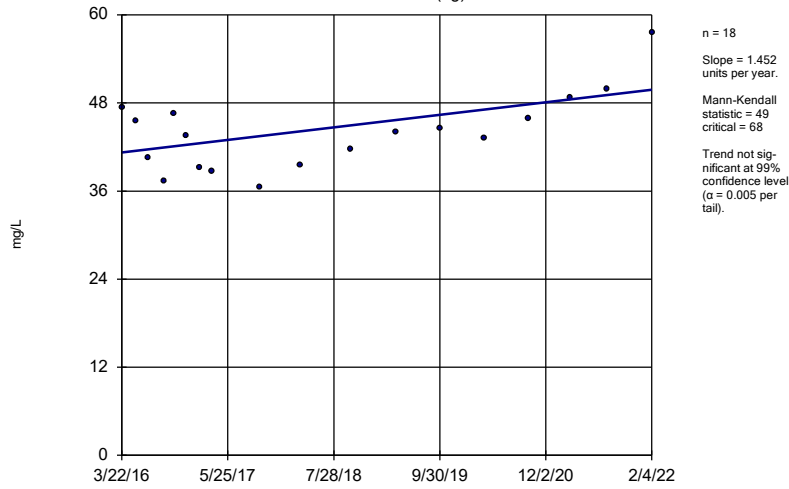


n = 18
 Slope = 0.2331
 units per year.
 Mann-Kendall
 statistic = 14
 critical = 68
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Calcium Analysis Run 3/28/2022 11:42 AM View: Trend Tests - PL Exceedances
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sen's Slope Estimator

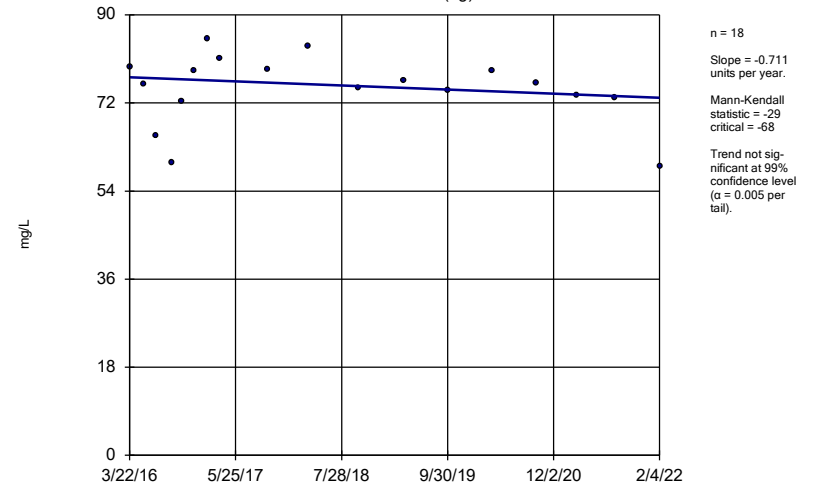
GWA-2 (bg)



Constituent: Calcium Analysis Run 3/28/2022 11:42 AM View: Trend Tests - PL Exceedances
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sen's Slope Estimator

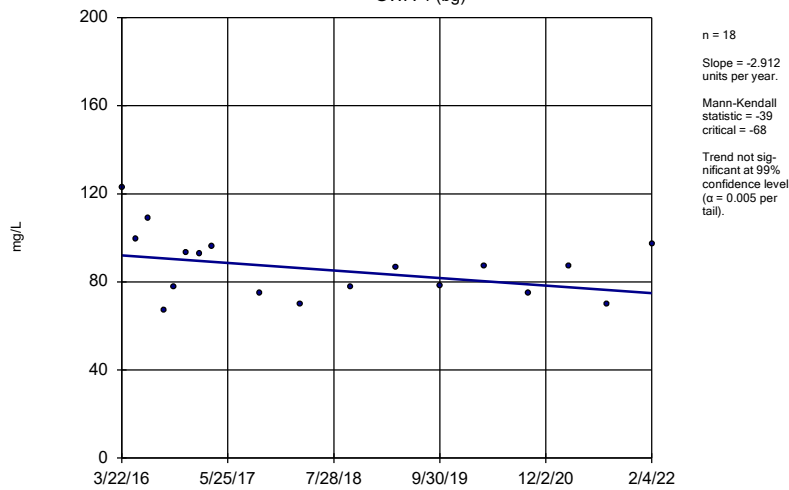
GWA-3 (bg)



Constituent: Calcium Analysis Run 3/28/2022 11:42 AM View: Trend Tests - PL Exceedances
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sen's Slope Estimator

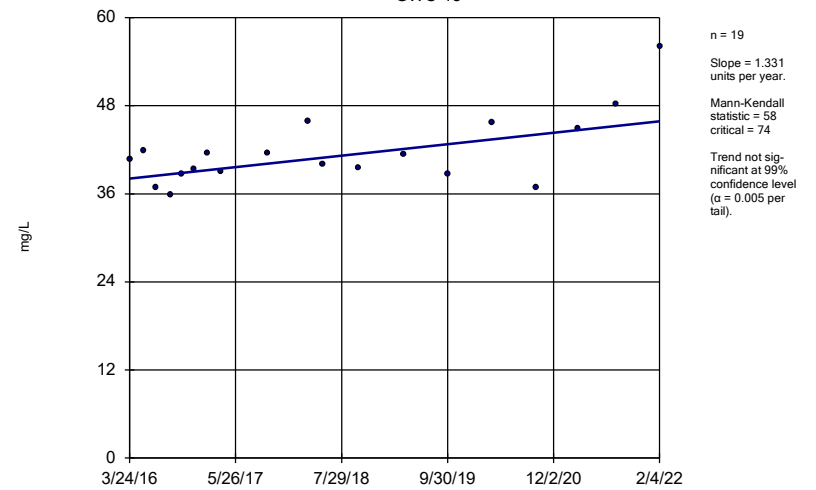
GWA-4 (bg)



Constituent: Calcium Analysis Run 3/28/2022 11:42 AM View: Trend Tests - PL Exceedances
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sen's Slope Estimator

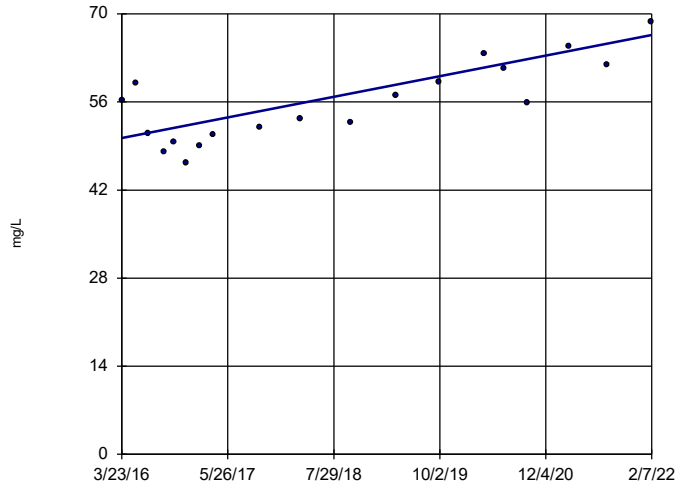
GWC-18



Constituent: Calcium Analysis Run 3/28/2022 11:42 AM View: Trend Tests - PL Exceedances
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sen's Slope Estimator

GWC-20

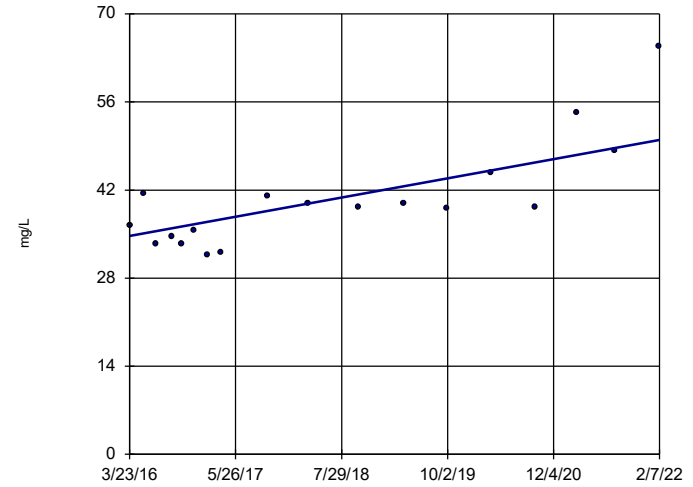


n = 19
 Slope = 2.784 units per year.
 Mann-Kendall statistic = 97
 critical = 74
 Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 3/28/2022 11:42 AM View: Trend Tests - PL Exceedances
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sen's Slope Estimator

GWC-23

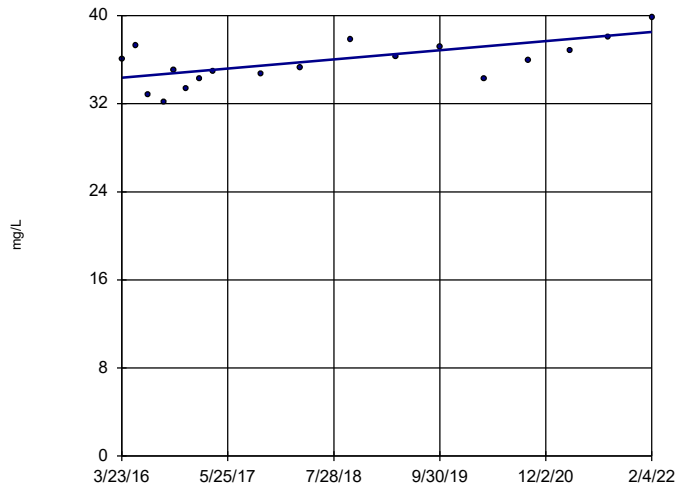


n = 18
 Slope = 2.593 units per year.
 Mann-Kendall statistic = 68
 critical = 68
 Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 3/28/2022 11:42 AM View: Trend Tests - PL Exceedances
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sen's Slope Estimator

GWC-9



n = 18
 Slope = 0.7095 units per year.
 Mann-Kendall statistic = 66
 critical = 68
 Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 3/28/2022 11:42 AM View: Trend Tests - PL Exceedances
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill