Prepared for

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

2025 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 GW6581E

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Geosyntec
consultants

CERTIFICATION STATEMENT

This *2025 Semiannual Groundwater Monitoring and Corrective Action Report, Plant Hammond Huffaker Road Landfill* has been prepared in accordance with the United States Environmental Protection Agency Coal Combustion Residual Rule (40 Code of Federal Regulations [CFR] 257 Subpart D), specifically § 257.90(e), and the Georgia Environmental Protection Division Rules for Solid Waste Management, Rule 391-3-4-.10 Coal Combustion Residuals and Rule 391-3-4-.14 Groundwater Monitoring and Corrective Action by a qualified groundwater scientist or engineer with Geosyntec Consultants, Inc. I hereby certify that I am a qualified groundwater scientist, in accordance with the Georgia Rules of Solid Waste Management 391-3-4-.01.

August 29, 2025

Whitney Law
Georgia Professional Engineer No. 36641

Date

SUMMARY

This summary of the *2025 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 2025 (referred to herein as the "semiannual reporting period") at Georgia Power Company's (Georgia Power's) Plant Hammond Huffaker Road Landfill (the landfill or the site). This summary was prepared by Geosyntec Consultants, Inc. (Geosyntec) on behalf of Georgia Power to meet the requirements listed in Part A, Section 6[1] of the United States Environmental Protection Agency (USEPA) Coal Combustion Residual Rule (federal CCR Rule) (40 Code of Federal Regulations [CFR] 257 Subpart D).

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

Plant Hammond Huffaker Road Landfill

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

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

accordance with the permit-issued Design and Operations (D&O) Plan began in 2007, prior to disposal activities, and continues to date. Routine sampling and reporting in accordance with the federal CCR Rule began after the background groundwater conditions were established between March 2016 to March 2017. Based on groundwater conditions at the landfill, a detection monitoring program has been established since October 2017.

During the semiannual reporting period, Geosyntec conducted one groundwater sampling event in February 2025. Groundwater samples were submitted to Pace Analytical Services, LLC, for analysis. Per the federal CCR Rule, groundwater results for the February 2025 data set were evaluated in accordance with the certified statistical methods. That evaluation showed no statistically significant values of Appendix III[2] constituents.

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

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

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
2.3 Additional Groundwater Evaluation 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 7
3.4 Laboratory Analyses 8
3.5 Quality Assurance and Quality Control 8

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 2025 Semiannual Event 11

5.0 MONITORING PROGRAM STATUS 12

6.0 CONCLUSIONS AND FUTURE ACTIONS 13

7.0 REFERENCES 14

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 2025

LIST OF APPENDICES

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

LIST OF ACRONYMS

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

1.0 INTRODUCTION

Groundwater monitoring is currently conducted at the Georgia Power Company (Georgia Power) Plant Hammond, Huffaker Road Landfill (the landfill or the site) to comply with the landfill's solid waste permit number 057-022D (LI), as issued by the Georgia Environmental Protection Division (GA EPD), and in accordance with Georgia Solid Waste Management Rules for Groundwater Monitoring and Corrective Action of a municipal solid waste landfill, Rule 391-3-4.14. The landfill is also subject to the United States Environmental Protection Agency (USEPA) Coal Combustion Residual Rule (federal CCR Rule) (40 Code of Federal Regulations [CFR] 257 Subpart D) and the GA EPD Rules for Solid Waste Management 391-3-4-.10. Geosyntec Consultants, Inc. (Geosyntec) has prepared this *2025 Semiannual Groundwater Monitoring and Corrective Action Report* to document groundwater monitoring activities at the landfill. This report documents groundwater monitoring activities conducted at the landfill for the reporting period of January through June 2025 (referred to herein as the "semiannual reporting period"). This report satisfies the reporting requirements of applicable federal and state CCR Rule [§ 257.90(e), 391-3-4-.10] and GA EPD Solid Waste Management Rules (391-3-4-.14). For ease of reference when discussing aspects of the CCR Rule, only the federal CCR Rule is cited within this report.

1.1 Site Description and Background

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

Georgia Power proposes an expansion of the existing landfill to include the construction of Parcel F located south of Parcels A, B, and E. On January 31, 2025 GA EPD issued Site Limitations for the expansion of Parcel F, and in February of 2025 Georgia Power submitted an updated permit application, including the proposed expansion, as well as responses to EPD comments on the 2018 CCR permit submittal for Huffaker Road Landfill.. The proposed lateral expansion of Parcel F will increase the total permitted area of the landfill by approximately 214 acres, for a total of 413 acres.

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) and the SAR Addendum (Stantec, 2024). based on the work of Cressler (1970). The landfill is located in the Floyd Shale member of the Judy Mountain Syncline. The Floyd Shale is Mississippian in age and ranges from

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

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

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

1.3 Groundwater Monitoring Well Network

The existing groundwater monitoring system meets the requirements listed in § 257.91 and 391-3-4.14(8); a groundwater monitoring system was installed at the landfill that consists of a sufficient number of wells installed at appropriate locations and depths to yield groundwater samples from the uppermost aquifer to represent the groundwater quality both upgradient of the unit (i.e., background conditions) and passing the waste boundary of the unit. The number, spacing, and depths of the groundwater monitoring wells were selected based on the characterization of site specific hydrogeologic conditions. The locations of the detection monitoring wells are presented on **Figure 2**; well construction details are listed in **Table 1**.

1.4 Landfill Underdrain Monitoring Point

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

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

2.0 GROUNDWATER MONITORING ACTIVITIES

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

2.1 Monitoring Well Installation and Maintenance

Monitoring wells are inspected semiannually to evaluate if any repairs or corrective actions are necessary to meet the requirements of the Georgia Water Well Standards Act (O.C.G.A. § 12-5-134(5)(d)(vii)). In February 2025, 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 2025 (**Table 2**). Groundwater samples were collected from each detection monitoring well shown on **Figure 2** and analyzed for the state-modified list of Appendix I constituents and Appendix III constituents stipulated by the August 2017 permit modification (GA EPD, 2017) (list of constituents presented in Section 1.1 of this report). The analytical and statistical results of the event conducted during the semiannual reporting period are discussed in Sections 3 and 4, respectively.

2.3 Additional Groundwater Evaluation

Supplemental groundwater samples were collected from the entire detection monitoring well network during the February 2025 monitoring event (**Table 2**) and were analyzed for additional major ions [magnesium, potassium, sodium and alkalinity (bicarbonate, carbonate, total)] as well as iron, manganese, and sulfide. The data were collected in support of evaluating, as necessary, the geochemical composition of the groundwater at the Site. The laboratory reports associated with the data are provided in **Appendix B**.

3.0 SAMPLE METHODOLOGY AND ANALYSIS

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

3.1 Groundwater Level Measurement

A synoptic round of depth-to-groundwater-level measurements were recorded from the monitoring well network during the February 2025 detection monitoring event and used to calculate the corresponding groundwater elevations, which are presented in **Table 3**. The February 2025 reported elevations are generally consistent with groundwater elevations reported for prior monitoring events.

The groundwater elevation data were used to prepare potentiometric surface map for the February 2025 event, which is presented on **Figure 3**. Interpretation of the potentiometric surface contours indicate that groundwater flow beneath the landfill is generally to the southeast in vicinity of Parcels A and B, and then south-southwest beneath Parcel E. These observed flow directions are consistent with previous observations.

3.2 Groundwater Gradient and Flow Velocity

The horizontal groundwater hydraulic gradients beneath the landfill were calculated using the groundwater elevation data from the February 2025 event, and between two pairs of data points located approximately along interpreted groundwater flow paths to account for changing flow directions across the site, as discussed in Section 3.1. For Parcels A and B, the horizontal hydraulic gradient was calculated between GWA-1 and GWC-7; for Parcel E, GWC-9 and GWC-20 were used for the gradient calculation. The gradient calculations are presented in **Table 4.** The general trajectories of the flow paths used in the calculations are shown on **Figure 3**.

As presented in **Table 4**, the hydraulic gradient underneath Parcels A and B applying the data from February 2025, was calculated to be 0.022 feet per foot (ft/ft), whereas the hydraulic gradient underneath Parcel E was calculated to be 0.016 ft/ft.

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

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

where:

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

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

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

h_1 and h_2 = Groundwater elevation at location 1 and 2

L = distance between location 1 and 2

n_e = Effective porosity

Prior site investigations indicate groundwater within the unconfined aquifer flows predominantly through the heavily to moderately weathered shale layer (SCS, 2002). The average hydraulic conductivity for this zone (0.248 feet per day [ft/day]) was computed from slug test data derived from five locations across the site (SCS, 2002). An estimated effective porosity of 0.20 is used for the flow rate calculation, based on interpreted values for weathered shale (Freeze/Cherry, 1979). With these variables determined, and accounting for the hydraulic gradients discussed above, the average groundwater flow velocity underneath Parcels A and B was calculated to be 0.028 ft/day. Similarly, the average groundwater flow velocity underneath Parcel E was calculated to be 0.020 ft/day. Calculated groundwater velocities across the Site are generally consistent with historical calculations and site-specific geology, therefore, confirming the groundwater monitoring network as properly located to monitor the uppermost aquifer.

3.3 Groundwater Sampling Procedures

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

An in-situ water quality field meter (AquaTROLL 400) was used to monitor and record field water quality parameters [i.e., pH, conductivity, dissolved oxygen (DO), temperature, and oxidation reduction potential (ORP)] during well purging to verify stabilization prior to sampling. Turbidity was monitored using a portable turbidity meter (i.e., LaMotte 2020we or similar). Groundwater samples were collected once the following stabilization criteria were met:

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

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

3.4 Laboratory Analyses

Laboratory analyses were performed by Pace Analytical, which is accredited by the National Environmental Laboratory Accreditation Program (NELAP). Pace Analytical maintains a NELAP certification for the permit specified constituents analyzed for this project. Analytical methods used for groundwater sample analysis, and associated results, are listed in the analytical laboratory reports included in **Appendix B**. The groundwater results from the February 2025 detection monitoring event are summarized in **Table 5**.

3.5 Quality Assurance and Quality Control

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

containers and submitted under the same chain of custody as the primary samples to Pace Analytical.

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

4.0 STATISTICAL ANALYSES

The following section summarizes the statistical approach applied to assess the groundwater data for the semiannual reporting period for potential statistically significant increases (SSIs) of permit stipulated constituents reported in downgradient detection wells relative to the available historical dataset. Because the landfill is currently independently managed under both Georgia's Solid Waste Management Rule 391-3-4.14 and Georgia's CCR Rule 391-3-4.10, which references the federal CCR Rule, two datasets are statistically evaluated per monitoring event. One dataset contains Appendix III constituents, which is applicable to both of the beforementioned rule sets. The other dataset contains the D&O-specified state-modified list of Appendix I constituents, applicable to Rule 391-3-4.14. The February 2025 data were analyzed by Groundwater Stats Consulting (GSC); the report generated from the analyses is provided in **Appendix C**.

4.1 Statistical Methods

Statistical analysis of the February 2025 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 2025 groundwater data for the D&O Appendix I constituents was performed pursuant to Rule 391-3-4-.14 and in accordance with the *Background Data Screening & Recommended Statistical Methods* report prepared by GSC (GSC, 2019) and the USEPA document *Statistical Analysis of Groundwater Data at RCRA Facilities Unified Guidance* (Unified Guidance) (USEPA, 2009).

On February 26, 2021, Georgia Power submitted a minor modification to implement a two-step statistical approach for the detection monitoring program to address initial SSIs over background for constituents currently using an intrawell statistical approach. This approach was approved by GA EPD in a letter dated April 19, 2021. The two-step analysis is similar in concept to the procedure used in detection monitoring programs where an interwell statistical limit is used to determine "background" (Unified Guidance, Chapter 7, Section 7.5).

The Sanitas groundwater statistical software was used to perform the statistical analyses. Sanitas is a decision-support software package that incorporates the statistical tests required of Subtitle C and D facilities by USEPA regulations and guidance as recommended in the Unified Guidance. Detailed statistical methods used for Appendix III and D&O Appendix I constituents are discussed in statistical analysis reports provided in **Appendix C** and summarized in Sections 4.1.1 and 4.1.2.

4.1.1 Statistical Methods – Appendix III Constituents

The PE-certified statistical approach used to evaluate groundwater data for the landfill for Appendix III constituents is the intrawell prediction limit (PL) method combined with a 1-of-2 resample plan. The intrawell PLs utilize historical data from within a given well to establish a statistical limit for comparison of compliance data at the same well. In this case, the data from the monitoring events conducted between March 2016 and August 2024 were used to establish background conditions. An "initial exceedance" occurs when any data from the well exceeds the PL. Intrawell statistical methods are a conservative first step that may be overly sensitive to natural variation, particularly for nonparametric limits with small background sample sizes. Therefore, for instances where an apparent exceedance over the PL is identified by intrawell statistical methods, interwell statistical methods may be used as a reasonable second step to determine if the initial exceedance is below sitewide background based on pooled upgradient well data.

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

4.1.2 Statistical Methods – Appendix I D&O Constituents

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

4.2 Statistical Analysis Results

The February 2025 groundwater data were analyzed by GSC, with the results from these analyses presented in the statistical analysis report included in **Appendix C**. Summaries of the statistical analysis are presented below for the semiannual reporting period.

4.2.1 February 2025 Semiannual Event

No confirmed SSI was observed for either Appendix III or Appendix I D&O constituents during the February 2025 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 *2025 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 February 2025 groundwater monitoring event. Groundwater monitoring at the landfill will continue under a detection monitoring program pursuant to the federal CCR Rule § 257.94 and Georgia's Solid Waste Management Rule 391-3-4.14(21-23). The next routine semiannual assessment monitoring event is scheduled for August 2025.

7.0 REFERENCES

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TABLES

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

Well ID	Well Designation	Location	Northing[1]	Easting[1]	Ground Surface Elevation[1] (feet)	Top of Casing Elevation[1] (feet)	Top of Screen Elevation[1] (feet)	Bottom of Screen Elevation[1] (feet)	Total Well Depth from (Feet Below Top of Casing)[2]	Groundwater Zone Screened	Installation Date
GWA-1	Detection	Upgradient	1565643.81	1952067.94	698.65	701.96	672.96	662.96	39.30	PWR/Bedrock	09/11/2001
GWA-2	Detection	Upgradient	1565590.06	1952640.89	679.04	681.59	666.08	656.08	25.81	PWR	02/05/2007
GWA-3	Detection	Upgradient	1565520.24	1953199.93	656.35	659.24	648.45	638.45	21.09	PWR	02/06/2007
GWA-4	Detection	Upgradient	1565519.87	1953687.10	653.98	656.93	645.84	635.84	21.39	PWR	02/06/2007
GWC-5	Detection	Downgradient	1565159.15	1953566.67	646.44	649.42	638.31	628.31	21.41	PWR	02/07/2007
GWC-6	Detection	Downgradient	1564397.56	1953919.86	653.86	656.35	624.07	614.07	42.58	PWR	07/20/2006
GWC-7	Detection	Downgradient	1564079.14	1953595.85	654.28	657.20	635.59	625.59	31.91	PWR	07/19/2006
GWC-8	Detection	Downgradient	1564000.62	1953095.72	653.96	656.64	639.81	629.81	27.13	PWR/Bedrock	07/18/2006
GWC-9	Detection	Downgradient	1563876.81	1952392.97	657.15	659.46	617.85	607.85	51.91	PWR	07/18/2006
GWC-10	Detection	Downgradient	1564308.39	1951975.66	664.08	667.58	643.90	633.90	33.98	PWR/Bedrock	07/20/2006
GWA-11	Detection	Upgradient	1564946.55	1952008.03	679.57	682.36	656.76	646.76	35.90	Clay/PWR	07/21/2006
GWC-18	Detection	Downgradient	1563320.44	1953391.49	638.45	641.31	594.59	584.59	57.02	PWR/Bedrock	07/12/2006
GWC-19	Detection	Downgradient	1562843.12	1952979.72	640.37	642.89	595.91	585.91	57.51	PWR	07/11/2006
GWC-20	Detection	Downgradient	1562472.78	1952332.31	623.09	625.76	601.88	591.88	34.18	PWR	07/17/2006
GWC-21	Detection	Downgradient	1562099.56	1951612.93	614.26	618.33	610.65	600.65	18.23	PWR/Bedrock	07/12/2006
GWC-22	Detection	Downgradient	1562778.89	1951618.67	621.82	625.00	593.39	583.39	41.91	PWR	07/13/2006
GWC-23	Detection	Downgradient	1563558.66	1951604.97	652.12	654.84	615.41	605.41	49.73	PWR	07/19/2006

Notes:
PWR = Partially Weathered Rock.
(1) Coordinates shown are in North American Datum (NAD) 1983, State Plane, Georgia-West, feet. Elevations shown are referenced to datum NAVD88, which indicates feet (ft) in elevation referenced to the North American Vertical Datum 1988.
(2) Total well depth accounts for sump if data provided on well construction logs.

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

Well ID	Hydraulic Location	Well Designation	February 11 2025 - February 12 2025
			Detection Event
Georgia Power Company - Plant Hammond Huffaker Road Landfill			
GWA-1	Upgradient	Detection	X
GWA-2	Upgradient	Detection	X
GWA-3	Upgradient	Detection	X
GWA-4	Upgradient	Detection	X
GWC-5	Downgradient	Detection	X
GWC-6	Downgradient	Detection	X
GWC-7	Downgradient	Detection	X
GWC-8	Downgradient	Detection	X
GWC-9	Downgradient	Detection	X
GWC-10	Downgradient	Detection	X
GWA-11	Upgradient	Detection	X
GWC-18	Downgradient	Detection	X
GWC-19	Downgradient	Detection	X
GWC-20	Downgradient	Detection	X
GWC-21	Downgradient	Detection	X
GWC-22	Downgradient	Detection	X
GWC-23	Downgradient	Detection	X

Notes:
X - Indicates well sampled during event
Detection Event includes Appendix I/III analytes.

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

		February 2025	
Well ID	Top of Casing Elevation[(1)] (feet)	Depth to Water (feet)	Groundwater Elevation[(1)] (feet)
GWA-1	701.96	11.53	690.43
GWA-2	681.59	5.63	675.96
GWA-3	659.24	4.60	654.64
GWA-4	656.93	9.61	647.32
GWC-5	649.42	5.07	644.35
GWC-6	656.35	16.07	640.28
GWC-7	657.20	15.52	641.68
GWC-8	656.64	12.33	644.31
GWC-9	659.46	14.45	645.01
GWC-10	667.58	14.13	653.45
GWA-11	682.36	16.25	666.11
GWC-18	641.31	13.25	628.06
GWC-19	642.89	19.58	623.31
GWC-20	625.76	3.87	621.89
GWC-21	618.33	4.85	613.48
GWC-22	625.00	2.77	622.23
GWC-23	654.84	9.25	645.59

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

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

Gauging Event	Well Pair	Groundwater Elevations in Well Pairs[(1)] (ft)		Change in Elevation (ft)	Distance Between Well 1 and Well 2 (L) (ft)	Hydraulic Gradient (i) (ft/ft)	Average Hydraulic Conductivity (K_h) (ft/day)	Estimated Effective Porosity (n_e)	Calculated Groundwater Flow Velocity (V) (ft/day)
February 2025	GWA-1 to GWC-7	690.43	641.68	48.75	2,196	0.022	0.248	0.20	0.028
February 2025	GWC-9 to GWC-20	645.01	621.89	23.12	1,418	0.016	0.248	0.20	0.020

Notes:
ft = feet
ft/day = feet per day
ft/ft = feet per foot
ft/year = feet per year
K_h = Average horizontal hydraulic conductivity
Average horizontal hydraulic conductivity (K_h) of 2.248 feet per day (ft/day) was computed from slug test data derived from five locations across the site.
n_e = effective porosity
V = groundwater flow velocity
Groundwater flow velocity equation: $V= (K_h * i)/n_e$
$i = h_1-h_2/L$ = horizontal hydraulic gradient (h_1 and h_2 = groundwater elevation at location 1 and 2)
L = distance between location 1 and 2 along the flow path. See Figure 3 for illustrated flow paths.
(1) Elevations shown are referenced to datum NAVD88, which indicates feet in elevation referenced to the North American Vertical Datum 1988.

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

	Sample Location	GWA-1	GWA-2	GWA-3	GWA-4	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
	Sample Date	02/11/2025	02/11/2025	02/11/2025	02/11/2025	02/11/2025	02/12/2025	02/12/2025	02/12/2025	02/11/2025
ANALYTE	UNITS									
APPENDIX III										
Boron	mg/L	0.019 J	0.094	0.11	0.044	0.046	0.044	0.026 J	0.042	0.017 J
Calcium	mg/L	14.1	57.2	65.7	76.0	75.5	69.3	18.5	91.8	40.9
Chloride	mg/L	1.3	2.7	1.3	2.0	2.7	1.5	1.9	2.1	1.0
Fluoride	mg/L	0.087 J	0.075 J	0.087 J	0.12	0.050 J	0.091 J	0.25	0.15	0.068 J
pH, Field	SU	6.89	6.76	6.76	6.98	6.90	7.15	5.76	7.09	6.89
Sulfate	mg/L	3.7	33.8	94.4	155	91.7	95.0	107	43.8	79.2
TDS	mg/L	101	292	376	430	420	322	243	341	247
D&O Plan[(1)]										
Antimony	mg/L	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050
Arsenic	mg/L	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	0.0063	< 0.0012	< 0.0012
Barium	mg/L	0.033	0.20	0.081	0.035	0.073	0.14	0.040	0.14	0.071
Beryllium	mg/L	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	0.00016 J	< 0.00015	< 0.00015
Cadmium	mg/L	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012
Chromium	mg/L	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012
Cobalt	mg/L	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	0.030	< 0.0012	< 0.0012
Copper	mg/L	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012
Lead	mg/L	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025
Nickel	mg/L	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	0.14	< 0.0012	0.0025 J
Selenium	mg/L	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012
Silver	mg/L	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025
Thallium	mg/L	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015
Vanadium	mg/L	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025
Zinc	mg/L	< 0.0025	< 0.0025	< 0.0025	< 0.0025	0.0029 J	< 0.0025	0.22	< 0.0025	< 0.0025
Additional Parameters										
Bicarbonate Alkalinity as CaCO3	mg/L	64.6	231	242	142	220	164	23.0	269	91.0
Carbonate Alkalinity as CaCO3	mg/L	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Total Alkalinity as CaCO3	mg/L	64.6	231	242	142	220	164	23.0	269	91.0
Iron	mg/L	2.4	2.7	1.2	0.89	2.4	2.6	38.3	1.1	6.7
Magnesium	mg/L	5.5	21.7	29.5	28.6	25.2	17.0	13.3	14.7	13.3
Manganese	mg/L	0.20	0.22	0.35	0.053	0.29	0.071	1.3	0.36 J	0.16
Potassium	mg/L	0.35 J	0.60	0.69	1.9	0.75	0.56	2.3	0.67	0.43 J
Sodium	mg/L	4.0	12.8	23.8	6.6	13.1	11.3	5.3	12.9	6.9
Sulfide	mg/L	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022

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

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

	Sample Location	GWC-10	GWA-11	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23
	Sample Date	02/11/2025	02/11/2025	02/12/2025	02/11/2025	02/11/2025	02/11/2025	02/11/2025	02/12/2025
ANALYTE	UNITS								
APPENDIX III									
Boron	mg/L	0.041	0.039 J	0.14	0.16	0.018 J	0.021 J	0.069	0.019 J
Calcium	mg/L	46.2	21.0	43.6	48.6	63.9	28.1	50.1	42.8
Chloride	mg/L	1.3	1.3	0.80 J	1.4	1.5	5.5	1.4	1.0
Fluoride	mg/L	0.072 J	0.055 J	0.14	0.099 J	0.060 J	< 0.050	0.064 J	0.12
pH, Field	SU	7.47	6.84	7.73	7.50	7.28	6.40	7.58	7.24
Sulfate	mg/L	10.5	9.7	7.4	26.8	67.8	18.3	7.1	4.8
TDS	mg/L	199	134	192	264	291	131	221	173
D&O Plan[(1)]									
Antimony	mg/L	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050
Arsenic	mg/L	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012
Barium	mg/L	0.14	0.031	0.082	0.15	0.14	0.054	0.091	0.068
Beryllium	mg/L	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015
Cadmium	mg/L	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012
Chromium	mg/L	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012
Cobalt	mg/L	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	0.0026 J	< 0.0012	< 0.0012
Copper	mg/L	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012
Lead	mg/L	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025
Nickel	mg/L	< 0.0012	0.0022 J	< 0.0012	< 0.0012	< 0.0012	0.0052	< 0.0012	< 0.0012
Selenium	mg/L	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012
Silver	mg/L	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025
Thallium	mg/L	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015
Vanadium	mg/L	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025
Zinc	mg/L	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	0.0058 J	< 0.0025	0.0029 J
Additional Parameters									
Bicarbonate Alkalinity as CaCO3	mg/L	166	85.7	180	205	160	75.8	189	146
Carbonate Alkalinity as CaCO3	mg/L	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Total Alkalinity as CaCO3	mg/L	166	85.7	180	205	160	75.8	189	146
Iron	mg/L	1.6	1.6	0.023 J	0.89	2.1	0.72	1.2	1.9
Magnesium	mg/L	9.8	6.2	14.2	11.6	13.3	5.1	10.4	10.5
Manganese	mg/L	0.072	0.10	0.015 J	0.065	0.13	0.20	0.072	0.051
Potassium	mg/L	0.40 J	0.33 J	0.56	0.37 J	0.29 J	0.58	0.32 J	0.77
Sodium	mg/L	7.8	7.8	11.6	21.2	4.6	4.7	10.4	5.0
Sulfide	mg/L	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022

FIGURES

N

LEGEND

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

Note:
1. Aerial photograph source: Nearmap September 2024 and Georgia Power Company, January 2025.

0 250 500 1,000

SCALE IN FEET

SITE LOCATION MAP

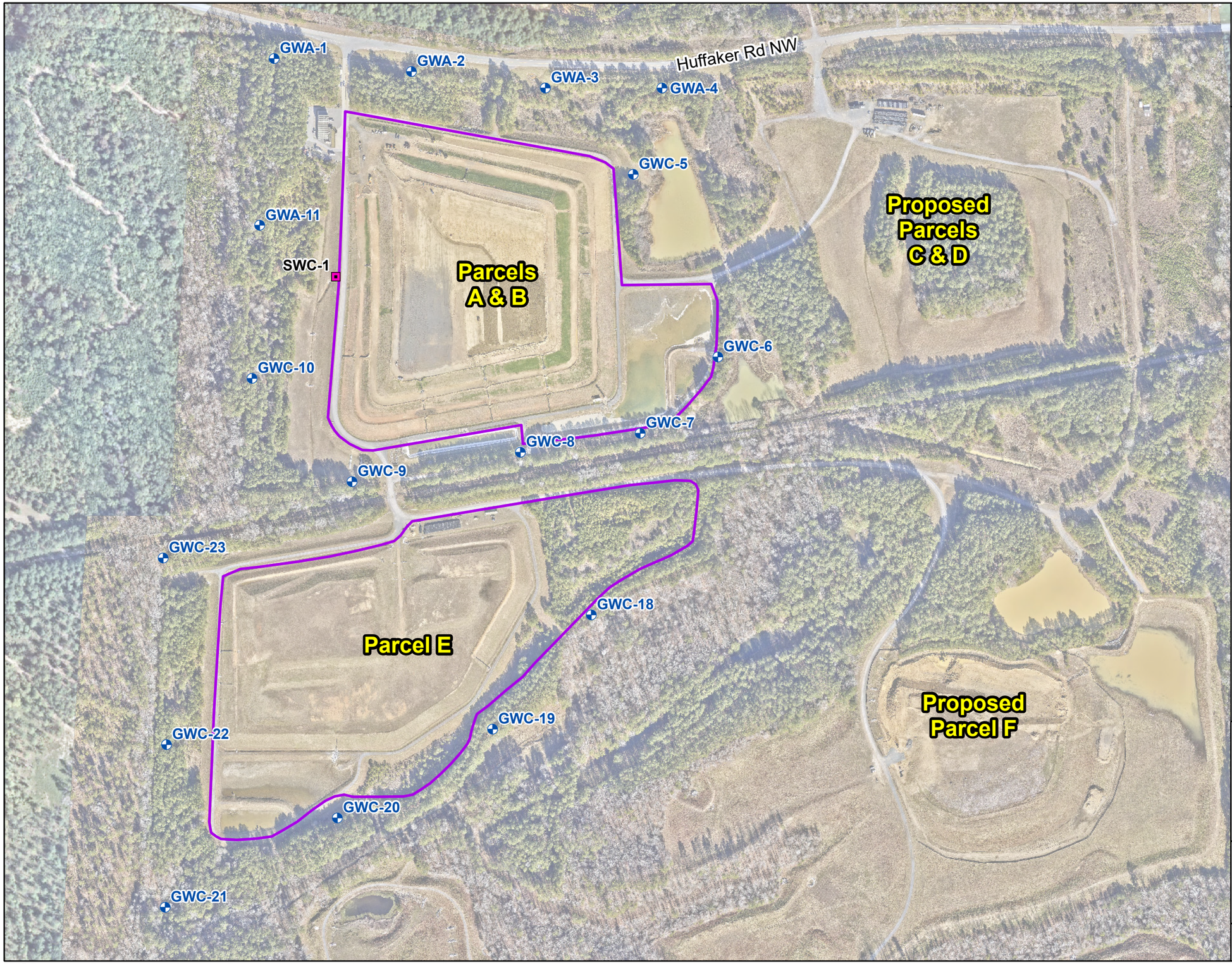
GEORGIA POWER COMPANY
PLANT HAMMOND HUFFAKER ROAD LANDFILL
FLOYD COUNTY, GEORGIA

Prepared For: Georgia Power

Prepared By: Geosyntec consultants

KENNESAW, GA | AUGUST 2025

FIGURE 1



N

LEGEND

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

Note:
1. Aerial photograph source: Nearmap September 2024 and Georgia Power Company, January 2025.

0 200 400 800

SCALE IN FEET

MONITORING WELL NETWORK MAP

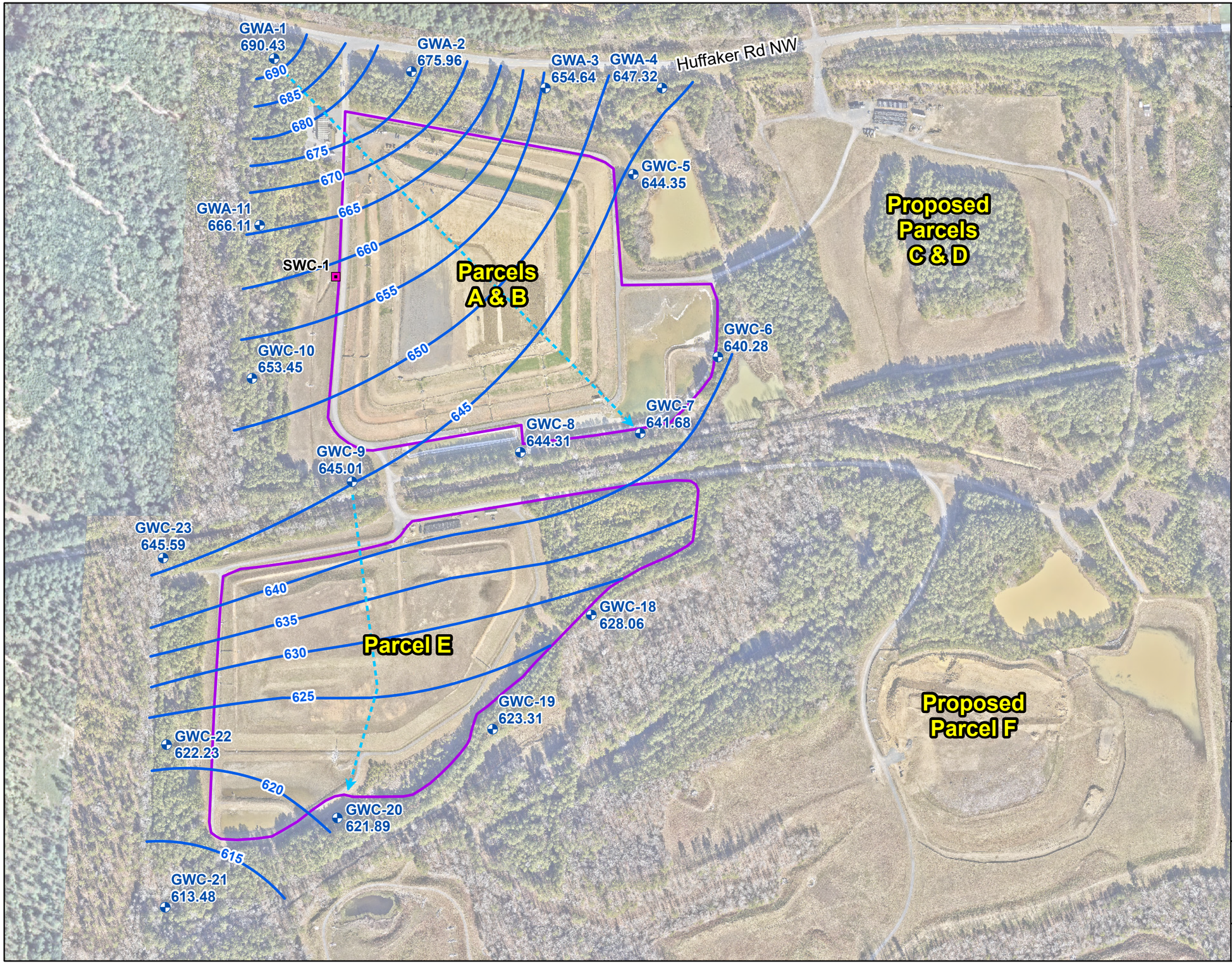
GEORGIA POWER COMPANY
PLANT HAMMOND HUFFAKER ROAD LANDFILL
FLOYD COUNTY, GEORGIA

Prepared For: Georgia Power

Prepared By: Geosyntec consultants

KENNESAW, GA | AUGUST 2025

FIGURE 2



N

LEGEND

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

GEORGIA REGISTERED No. PE036571 PROFESSIONAL ENGINEER WHITNEY B. LAW

Note:
1. Water elevation recorded on February 10, 2025. Elevation provided in feet (ft) referenced to the North American Vertical Datum (NAVD) 88.
2. Aerial photograph source: Nearmap September 2024 and Georgia Power Company, January 2025.

0 200 400 800

SCALE IN FEET

POTENTIOMETRIC SURFACE CONTOUR MAP - FEBRUARY 2025

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

Prepared For: Georgia Power

Prepared By: Geosyntec consultants

KENNESAW, GA | AUGUST 2025

FIGURE 3

Geosyntec
consultants

APPENDIX A

Well Maintenance and Repair Documentation Memorandum

Geosyntec consultants

1255 Roberts Boulevard, Suite 200
Kennesaw, Georgia 30144
PH 678.202.9500
FAX 678.202.9501
www.geosyntec.com

MEMORANDUM

DATE: April 23, 2025

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

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

FROM: Geosyntec Consultants

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

Geosyntec Consultants has prepared this memorandum to provide documentation of groundwater monitoring well maintenance and/or repair performed at the Plant Hammond Huffaker Road Landfill during the 2025 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	2/10/2025	All Wells	Checked and cleared weep holes of debris.

Attachment
Well Inspection Summary Table

Well Inspection

Site Name: Huffaker Road Landfill

Date: 2/10/2025

Permit Number: 057-022D (LI)

Field Conditions: Cloudy, 50° F

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

Well Inspection

Site Name: Huffaker Road Landfill

Date: 2/10/2025

Permit Number: 057-022D (LI)

Field Conditions: Cloudy, 50° F

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

Well Inspection

Site Name: Huffaker Road Landfill

Date: 2/10/2025

Permit Number: 057-022D (LI)

Field Conditions: Cloudy, 50° F

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

Well Inspection

Site Name: Huffaker Road Landfill

Date: 2/10/2025

Permit Number: 057-022D (LI)

Field Conditions: Cloudy, 50° F

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

Geosyntec
consultants

APPENDIX B

Analytical Laboratory Results and Field Sampling Forms

LABORATORY ANALYTICAL RESULTS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

March 20, 2025

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

RE: Project: Huffaker Road Landfill
Pace Project No.: 92779374

Dear Kristen Jurinko:

Enclosed are the analytical results for sample(s) received by the laboratory between February 12, 2025 and February 14, 2025. 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 - West Columbia

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

Sincerely,

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

Enclosures

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

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Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: Huffaker Road Landfill
Pace Project No.: 92779374

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 West Columbia

106 Vantage Point Drive, West Columbia, SC 29172
Alaska Dept. of Energy Conservation, Cert# 20-002
California ELAP, cert# 3049
DoD, DoD QSM V5.4, cert# I.2224
DOE, DoD/DOE QSM V5.4, cert# I.2224.01
Florida, Dept. of Health, cert# E87653-70
Georgia, Env. Protection Division, cert# E87653
Illinois, EPA NELAP, cert# 2000552024-9
Kansas, Dept. of Health and Environment, cert# E-10417
Kentucky, Dept. for Env. Protection, UST, cert# 103582
Kentucky, Dept. for Env. Protection, cert# 98037
Louisiana, Dept. of Environmental Quality, cert# 5125
North Carolina, DEQ, Water Resources, cert# 329
New Jersey, Dept. of Env. Protection, cert# NLC 240005
Oklahoma, Dept. of Env. Quality, cert# 2023-175
Oregon, ELAP, cert# 4181-006
Pennsylvania, Dept. of Env. Protection, cert# 003
South Carolina, Dept. of Env. Services, cert# 32010001
Texas, Commission on Env. Quality, cert# TX-C24-00083
Virginia, Dept. of General Services, cert# 13080
Wisconsin, Dept. of Natural Resources, cert# 399136100

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SAMPLE SUMMARY

Project: Huffaker Road Landfill
Pace Project No.: 92779374

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92779374001	**HAM-GWA-1**	Water	02/11/25 12:45	02/12/25 16:16
92779374002	**HAM-GWA-2**	Water	02/11/25 10:15	02/12/25 16:16
92779374003	**HAM-GWA-3**	Water	02/11/25 10:52	02/12/25 16:16
92779374004	**HAM-GWA-4**	Water	02/11/25 09:31	02/12/25 16:16
92779374005	**HAM-GWA-11**	Water	02/11/25 10:56	02/12/25 16:16
92779374006	**HAM-GWC-5**	Water	02/11/25 15:44	02/12/25 16:16
92779374007	**HAM-GWC-9**	Water	02/11/25 15:52	02/12/25 16:16
92779374008	**HAM-GWC-10**	Water	02/11/25 12:54	02/12/25 16:16
92779374009	**HAM-HLF-GWC-19**	Water	02/11/25 16:22	02/12/25 16:16
92779374010	**HAM-GWC-20**	Water	02/11/25 14:30	02/12/25 16:16
92779374011	**HAM-GWC-21**	Water	02/11/25 14:47	02/12/25 16:16
92779374012	**HAM-GWC-22**	Water	02/11/25 12:51	02/12/25 16:16
92779374013	**HAM-HLF-FD-01**	Water	02/11/25 00:00	02/12/25 16:16
92779374014	**HAM-HLF-EB-01**	Water	02/11/25 16:15	02/12/25 16:16
92779374015	**HAM-HLF-FB-01**	Water	02/11/25 16:00	02/12/25 16:16
92779374016	**HAM-HLF-GWC-6**	Water	02/12/25 10:57	02/14/25 16:10
92779374017	**HAM-GWC-7**	Water	02/12/25 11:45	02/14/25 16:10
92779374018	**HAM-HLF-GWC-8**	Water	02/12/25 10:14	02/14/25 16:10
92779374019	**HAM-GWC-18**	Water	02/12/25 09:45	02/14/25 16:10
92779374020	**HAM-GWC-23**	Water	02/12/25 10:15	02/14/25 16:10
92779374021	**HAM-HLF-EB-02**	Water	02/12/25 10:50	02/14/25 16:10
92779374022	**HAM-HLF-FB-02**	Water	02/12/25 10:45	02/14/25 16:10
92779374023	**HAM-HLF-FD-02**	Water	02/12/25 00:00	02/14/25 16:10

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SAMPLE ANALYTE COUNT

Project: Huffaker Road Landfill
Pace Project No.: 92779374

Lab ID	Sample ID	Method	Analysts	Analytes Reported
92779374001	**HAM-GWA-1**	SM 2320B-2011	SMS	3
		SM 2540C-2015	CDM	1
		SM 4500-S2D-2011	JP1	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1, BW	22
92779374002	**HAM-GWA-2**	SM 2320B-2011	SMS	3
		SM 2540C-2015	CDM	1
		SM 4500-S2D-2011	JP1	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1, BW	22
92779374003	**HAM-GWA-3**	SM 2320B-2011	SMS	3
		SM 2540C-2015	CDM	1
		SM 4500-S2D-2011	JP1	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1, BW	22
92779374004	**HAM-GWA-4**	SM 2320B-2011	SMS	3
		SM 2540C-2015	CDM	1
		SM 4500-S2D-2011	JP1	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1, BW	22
92779374005	**HAM-GWA-11**	SM 2320B-2011	SMS	3
		SM 2540C-2015	CDM	1
		SM 4500-S2D-2011	JP1	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1, BW	22
92779374006	**HAM-GWC-5**	SM 2320B-2011	SMS	3
		SM 2540C-2015	CDM	1
		SM 4500-S2D-2011	JP1	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1, BW	22
92779374007	**HAM-GWC-9**	SM 2320B-2011	SMS	3
		SM 2540C-2015	CDM	1
		SM 4500-S2D-2011	JP1	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1, BW	22
92779374008	**HAM-GWC-10**	SM 2320B-2011	SMS	3
		SM 2540C-2015	CDM	1

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SAMPLE ANALYTE COUNT

Project: Huffaker Road Landfill
Pace Project No.: 92779374

Lab ID	Sample ID	Method	Analysts	Analytes Reported
		SM 4500-S2D-2011	JP1	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1, BW	22
92779374009	**HAM-HLF-GWC-19**	SM 2320B-2011	SMS	3
		SM 2540C-2015	CDM	1
		SM 4500-S2D-2011	JP1	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1, BW	22
92779374010	**HAM-GWC-20**	SM 2320B-2011	SMS	3
		SM 2540C-2015	CDM	1
		SM 4500-S2D-2011	JP1	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1, BW	22
92779374011	**HAM-GWC-21**	SM 2320B-2011	SMS	3
		SM 2540C-2015	CDM	1
		SM 4500-S2D-2011	JP1	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1, BW	22
92779374012	**HAM-GWC-22**	SM 2320B-2011	SMS	3
		SM 2540C-2015	CDM	1
		SM 4500-S2D-2011	JP1	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1, BW	22
92779374013	**HAM-HLF-FD-01**	SM 2540C-2015	CDM	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1	17
92779374014	**HAM-HLF-EB-01**	SM 2540C-2015	CDM	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1	17
92779374015	**HAM-HLF-FB-01**	SM 2540C-2015	CDM	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1	17
92779374016	**HAM-HLF-GWC-6**	SM 2320B-2011	SMS	3
		SM 2540C-2015	CMW1	1
		SM 4500-S2D-2011	JP1	1
		EPA 300.0 Rev 2.1 1993	JCM	3
		EPA 6020B	BK1	22

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SAMPLE ANALYTE COUNT

Project: Huffaker Road Landfill
Pace Project No.: 92779374

Lab ID	Sample ID	Method	Analysts	Analytes Reported
92779374017	**HAM-GWC-7**	SM 2320B-2011	SMS	3
		SM 2540C-2015	CMW1	1
		SM 4500-S2D-2011	JP1	1
		EPA 300.0 Rev 2.1 1993	JCM	3
		EPA 6020B	BK1	22
92779374018	**HAM-HLF-GWC-8**	SM 2320B-2011	SMS	3
		SM 2540C-2015	CMW1	1
		SM 4500-S2D-2011	JP1	1
		EPA 300.0 Rev 2.1 1993	JCM	3
		EPA 6020B	BK1	22
92779374019	**HAM-GWC-18**	SM 2320B-2011	SMS	3
		SM 2540C-2015	CMW1	1
		SM 4500-S2D-2011	JP1	1
		EPA 300.0 Rev 2.1 1993	JCM	3
		EPA 6020B	BK1	22
92779374020	**HAM-GWC-23**	SM 2320B-2011	SMS	3
		SM 2540C-2015	CMW1	1
		SM 4500-S2D-2011	JP1	1
		EPA 300.0 Rev 2.1 1993	JCM	3
		EPA 6020B	BK1	22
92779374021	**HAM-HLF-EB-02**	SM 2540C-2015	CMW1	1
		EPA 300.0 Rev 2.1 1993	JCM	3
		EPA 6020B	BK1	17
92779374022	**HAM-HLF-FB-02**	SM 2540C-2015	CMW1	1
		EPA 300.0 Rev 2.1 1993	JCM	3
		EPA 6020B	BK1	17
92779374023	**HAM-HLF-FD-02**	SM 2540C-2015	CMW1	1
		EPA 300.0 Rev 2.1 1993	JCM	3
		EPA 6020B	BK1	17

PASI-A = Pace Analytical Services - Asheville
PASI-WC = Pace Analytical Services - West Columbia

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SUMMARY OF DETECTION

Project: Huffaker Road Landfill
Pace Project No.: 92779374

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92779374001	**HAM-GWA-1**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	64.6	mg/L	5.0	02/20/25 20:21	
SM 2320B-2011	Alkalinity, Total as CaCO3	64.6	mg/L	5.0	02/20/25 20:21	
SM 2540C-2015	Total Dissolved Solids	101	mg/L	25.0	02/14/25 18:28	
EPA 300.0 Rev 2.1 1993	Chloride	1.3	mg/L	1.0	02/13/25 18:54	
EPA 300.0 Rev 2.1 1993	Fluoride	0.087J	mg/L	0.10	02/13/25 18:54	
EPA 300.0 Rev 2.1 1993	Sulfate	3.7	mg/L	1.0	02/13/25 18:54	
EPA 6020B	Barium	0.033	mg/L	0.0050	03/13/25 12:33	
EPA 6020B	Boron	0.019J	mg/L	0.040	03/16/25 16:33	
EPA 6020B	Calcium	14.1	mg/L	1.0	03/13/25 12:33	M1
EPA 6020B	Iron	2.4	mg/L	0.040	03/13/25 12:33	
EPA 6020B	Magnesium	5.5	mg/L	0.050	03/13/25 12:33	
EPA 6020B	Manganese	0.20	mg/L	0.040	03/13/25 12:33	
EPA 6020B	Potassium	0.35J	mg/L	0.50	03/13/25 12:33	
EPA 6020B	Sodium	4.0	mg/L	1.0	03/13/25 12:33	
92779374002	**HAM-GWA-2**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	231	mg/L	5.0	02/20/25 20:28	
SM 2320B-2011	Alkalinity, Total as CaCO3	231	mg/L	5.0	02/20/25 20:28	
SM 2540C-2015	Total Dissolved Solids	292	mg/L	25.0	02/14/25 18:28	
EPA 300.0 Rev 2.1 1993	Chloride	2.7	mg/L	1.0	02/13/25 19:08	
EPA 300.0 Rev 2.1 1993	Fluoride	0.075J	mg/L	0.10	02/13/25 19:08	
EPA 300.0 Rev 2.1 1993	Sulfate	33.8	mg/L	1.0	02/13/25 19:08	
EPA 6020B	Barium	0.20	mg/L	0.0050	03/13/25 13:06	
EPA 6020B	Boron	0.094	mg/L	0.040	03/16/25 17:18	
EPA 6020B	Calcium	57.2	mg/L	1.0	03/13/25 13:06	M1
EPA 6020B	Iron	2.7	mg/L	0.040	03/13/25 13:06	
EPA 6020B	Magnesium	21.7	mg/L	0.050	03/13/25 13:06	M1
EPA 6020B	Manganese	0.22	mg/L	0.040	03/13/25 13:06	
EPA 6020B	Potassium	0.60	mg/L	0.50	03/13/25 13:06	
EPA 6020B	Sodium	12.8	mg/L	1.0	03/13/25 13:06	
92779374003	**HAM-GWA-3**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	242	mg/L	5.0	02/20/25 20:36	
SM 2320B-2011	Alkalinity, Total as CaCO3	242	mg/L	5.0	02/20/25 20:36	
SM 2540C-2015	Total Dissolved Solids	376	mg/L	25.0	02/14/25 18:29	
EPA 300.0 Rev 2.1 1993	Chloride	1.3	mg/L	1.0	02/13/25 19:22	
EPA 300.0 Rev 2.1 1993	Fluoride	0.087J	mg/L	0.10	02/13/25 19:22	
EPA 300.0 Rev 2.1 1993	Sulfate	94.4	mg/L	1.0	02/13/25 19:22	
EPA 6020B	Barium	0.081	mg/L	0.0050	03/13/25 13:51	
EPA 6020B	Boron	0.11	mg/L	0.040	03/16/25 18:21	
EPA 6020B	Calcium	65.7	mg/L	5.0	03/13/25 20:09	
EPA 6020B	Iron	1.2	mg/L	0.040	03/13/25 13:51	
EPA 6020B	Magnesium	29.5	mg/L	0.050	03/13/25 13:51	
EPA 6020B	Manganese	0.35	mg/L	0.040	03/13/25 13:51	
EPA 6020B	Potassium	0.69	mg/L	0.50	03/13/25 13:51	
EPA 6020B	Sodium	23.8	mg/L	1.0	03/13/25 13:51	
92779374004	**HAM-GWA-4**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	142	mg/L	5.0	02/20/25 20:44	

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SUMMARY OF DETECTION

Project: Huffaker Road Landfill
Pace Project No.: 92779374

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92779374004	**HAM-GWA-4**					
SM 2320B-2011	Alkalinity, Total as CaCO3	142	mg/L	5.0	02/20/25 20:44	
SM 2540C-2015	Total Dissolved Solids	430	mg/L	25.0	02/14/25 18:29	
EPA 300.0 Rev 2.1 1993	Chloride	2.0	mg/L	1.0	02/13/25 20:03	
EPA 300.0 Rev 2.1 1993	Fluoride	0.12	mg/L	0.10	02/13/25 20:03	
EPA 300.0 Rev 2.1 1993	Sulfate	155	mg/L	4.0	02/14/25 02:20	
EPA 6020B	Barium	0.035	mg/L	0.0050	03/13/25 13:57	
EPA 6020B	Boron	0.044	mg/L	0.040	03/16/25 18:30	
EPA 6020B	Calcium	76.0	mg/L	5.0	03/13/25 20:15	
EPA 6020B	Iron	0.89	mg/L	0.040	03/13/25 13:57	
EPA 6020B	Magnesium	28.6	mg/L	0.050	03/13/25 13:57	
EPA 6020B	Manganese	0.053	mg/L	0.040	03/13/25 13:57	
EPA 6020B	Potassium	1.9	mg/L	0.50	03/13/25 13:57	
EPA 6020B	Sodium	6.6	mg/L	1.0	03/13/25 13:57	
92779374005	**HAM-GWA-11**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	85.7	mg/L	5.0	02/20/25 20:52	
SM 2320B-2011	Alkalinity, Total as CaCO3	85.7	mg/L	5.0	02/20/25 20:52	
SM 2540C-2015	Total Dissolved Solids	134	mg/L	25.0	02/14/25 18:29	
EPA 300.0 Rev 2.1 1993	Chloride	1.3	mg/L	1.0	02/13/25 20:17	
EPA 300.0 Rev 2.1 1993	Fluoride	0.055J	mg/L	0.10	02/13/25 20:17	
EPA 300.0 Rev 2.1 1993	Sulfate	9.7	mg/L	1.0	02/13/25 20:17	
EPA 6020B	Barium	0.031	mg/L	0.0050	03/13/25 14:04	
EPA 6020B	Boron	0.039J	mg/L	0.040	03/16/25 18:40	
EPA 6020B	Calcium	21.0	mg/L	1.0	03/13/25 14:04	
EPA 6020B	Iron	1.6	mg/L	0.040	03/13/25 14:04	
EPA 6020B	Magnesium	6.2	mg/L	0.050	03/13/25 14:04	
EPA 6020B	Manganese	0.10	mg/L	0.040	03/13/25 14:04	
EPA 6020B	Nickel	0.0022J	mg/L	0.0050	03/13/25 14:04	
EPA 6020B	Potassium	0.33J	mg/L	0.50	03/13/25 14:04	
EPA 6020B	Sodium	7.8	mg/L	1.0	03/13/25 14:04	
92779374006	**HAM-GWC-5**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	220	mg/L	5.0	02/20/25 20:59	
SM 2320B-2011	Alkalinity, Total as CaCO3	220	mg/L	5.0	02/20/25 20:59	
SM 2540C-2015	Total Dissolved Solids	420	mg/L	25.0	02/14/25 18:29	
EPA 300.0 Rev 2.1 1993	Chloride	2.7	mg/L	1.0	02/13/25 20:31	
EPA 300.0 Rev 2.1 1993	Fluoride	0.050J	mg/L	0.10	02/13/25 20:31	
EPA 300.0 Rev 2.1 1993	Sulfate	91.7	mg/L	2.0	02/14/25 02:35	
EPA 6020B	Barium	0.073	mg/L	0.0050	03/13/25 14:10	
EPA 6020B	Boron	0.046	mg/L	0.040	03/16/25 18:49	
EPA 6020B	Calcium	75.5	mg/L	5.0	03/13/25 20:22	
EPA 6020B	Iron	2.4	mg/L	0.040	03/13/25 14:10	
EPA 6020B	Magnesium	25.2	mg/L	0.050	03/13/25 14:10	
EPA 6020B	Manganese	0.29	mg/L	0.040	03/13/25 14:10	
EPA 6020B	Potassium	0.75	mg/L	0.50	03/13/25 14:10	
EPA 6020B	Sodium	13.1	mg/L	1.0	03/13/25 14:10	
EPA 6020B	Zinc	0.0029J	mg/L	0.020	03/13/25 14:10	

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SUMMARY OF DETECTION

Project: Huffaker Road Landfill
Pace Project No.: 92779374

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92779374007	**HAM-GWC-9**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	91.0	mg/L	5.0	02/20/25 21:07	
SM 2320B-2011	Alkalinity, Total as CaCO3	91.0	mg/L	5.0	02/20/25 21:07	
SM 2540C-2015	Total Dissolved Solids	247	mg/L	25.0	02/14/25 18:29	
EPA 300.0 Rev 2.1 1993	Chloride	1.0	mg/L	1.0	02/13/25 20:45	
EPA 300.0 Rev 2.1 1993	Fluoride	0.068J	mg/L	0.10	02/13/25 20:45	
EPA 300.0 Rev 2.1 1993	Sulfate	79.2	mg/L	1.0	02/13/25 20:45	
EPA 6020B	Barium	0.071	mg/L	0.0050	03/13/25 14:16	
EPA 6020B	Boron	0.017J	mg/L	0.040	03/16/25 18:58	
EPA 6020B	Calcium	40.9	mg/L	1.0	03/13/25 14:16	
EPA 6020B	Iron	6.7	mg/L	0.040	03/13/25 14:16	
EPA 6020B	Magnesium	13.3	mg/L	0.050	03/13/25 14:16	
EPA 6020B	Manganese	0.16	mg/L	0.040	03/13/25 14:16	
EPA 6020B	Nickel	0.0025J	mg/L	0.0050	03/13/25 14:16	
EPA 6020B	Potassium	0.43J	mg/L	0.50	03/13/25 14:16	
EPA 6020B	Sodium	6.9	mg/L	1.0	03/13/25 14:16	
92779374008	**HAM-GWC-10**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	166	mg/L	5.0	02/20/25 21:24	
SM 2320B-2011	Alkalinity, Total as CaCO3	166	mg/L	5.0	02/20/25 21:24	
SM 2540C-2015	Total Dissolved Solids	199	mg/L	25.0	02/14/25 18:29	
EPA 300.0 Rev 2.1 1993	Chloride	1.3	mg/L	1.0	02/13/25 20:59	
EPA 300.0 Rev 2.1 1993	Fluoride	0.072J	mg/L	0.10	02/13/25 20:59	
EPA 300.0 Rev 2.1 1993	Sulfate	10.5	mg/L	1.0	02/13/25 20:59	
EPA 6020B	Barium	0.14	mg/L	0.0050	03/13/25 14:23	
EPA 6020B	Boron	0.041	mg/L	0.040	03/16/25 19:07	
EPA 6020B	Calcium	46.2	mg/L	1.0	03/13/25 14:23	
EPA 6020B	Iron	1.6	mg/L	0.040	03/13/25 14:23	
EPA 6020B	Magnesium	9.8	mg/L	0.050	03/13/25 14:23	
EPA 6020B	Manganese	0.072	mg/L	0.040	03/13/25 14:23	
EPA 6020B	Potassium	0.40J	mg/L	0.50	03/13/25 14:23	
EPA 6020B	Sodium	7.8	mg/L	1.0	03/13/25 14:23	
92779374009	**HAM-HLF-GWC-19**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	205	mg/L	5.0	02/20/25 21:31	
SM 2320B-2011	Alkalinity, Total as CaCO3	205	mg/L	5.0	02/20/25 21:31	
SM 2540C-2015	Total Dissolved Solids	264	mg/L	25.0	02/14/25 18:30	
EPA 300.0 Rev 2.1 1993	Chloride	1.4	mg/L	1.0	02/13/25 21:41	
EPA 300.0 Rev 2.1 1993	Fluoride	0.099J	mg/L	0.10	02/13/25 21:41	
EPA 300.0 Rev 2.1 1993	Sulfate	26.8	mg/L	1.0	02/13/25 21:41	
EPA 6020B	Barium	0.15	mg/L	0.0050	03/13/25 14:29	
EPA 6020B	Boron	0.16	mg/L	0.040	03/16/25 19:16	
EPA 6020B	Calcium	48.6	mg/L	1.0	03/13/25 14:29	
EPA 6020B	Iron	0.89	mg/L	0.040	03/13/25 14:29	
EPA 6020B	Magnesium	11.6	mg/L	0.050	03/13/25 14:29	
EPA 6020B	Manganese	0.065	mg/L	0.040	03/13/25 14:29	
EPA 6020B	Potassium	0.37J	mg/L	0.50	03/13/25 14:29	
EPA 6020B	Sodium	21.2	mg/L	1.0	03/13/25 14:29	

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(704)875-9092

SUMMARY OF DETECTION

Project: Huffaker Road Landfill
Pace Project No.: 92779374

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92779374010	**HAM-GWC-20**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	160	mg/L	5.0	02/20/25 21:39	
SM 2320B-2011	Alkalinity, Total as CaCO3	160	mg/L	5.0	02/20/25 21:39	
SM 2540C-2015	Total Dissolved Solids	291	mg/L	25.0	02/14/25 18:30	
EPA 300.0 Rev 2.1 1993	Chloride	1.5	mg/L	1.0	02/13/25 21:55	
EPA 300.0 Rev 2.1 1993	Fluoride	0.060J	mg/L	0.10	02/13/25 21:55	
EPA 300.0 Rev 2.1 1993	Sulfate	67.8	mg/L	1.0	02/13/25 21:55	
EPA 6020B	Barium	0.14	mg/L	0.0050	03/13/25 14:49	
EPA 6020B	Boron	0.018J	mg/L	0.040	03/16/25 19:25	
EPA 6020B	Calcium	63.9	mg/L	5.0	03/13/25 20:28	
EPA 6020B	Iron	2.1	mg/L	0.040	03/13/25 14:49	
EPA 6020B	Magnesium	13.3	mg/L	0.050	03/13/25 14:49	
EPA 6020B	Manganese	0.13	mg/L	0.040	03/13/25 14:49	
EPA 6020B	Potassium	0.29J	mg/L	0.50	03/13/25 14:49	
EPA 6020B	Sodium	4.6	mg/L	1.0	03/13/25 14:49	
92779374011	**HAM-GWC-21**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	75.8	mg/L	5.0	02/20/25 21:47	
SM 2320B-2011	Alkalinity, Total as CaCO3	75.8	mg/L	5.0	02/20/25 21:47	
SM 2540C-2015	Total Dissolved Solids	131	mg/L	25.0	02/14/25 18:30	
EPA 300.0 Rev 2.1 1993	Chloride	5.5	mg/L	1.0	02/13/25 22:09	
EPA 300.0 Rev 2.1 1993	Sulfate	18.3	mg/L	1.0	02/13/25 22:09	
EPA 6020B	Barium	0.054	mg/L	0.0050	03/13/25 14:55	
EPA 6020B	Boron	0.021J	mg/L	0.040	03/16/25 19:52	
EPA 6020B	Calcium	28.1	mg/L	1.0	03/13/25 14:55	
EPA 6020B	Cobalt	0.0026J	mg/L	0.0050	03/13/25 14:55	
EPA 6020B	Iron	0.72	mg/L	0.040	03/13/25 14:55	
EPA 6020B	Magnesium	5.1	mg/L	0.050	03/13/25 14:55	
EPA 6020B	Manganese	0.20	mg/L	0.040	03/13/25 14:55	
EPA 6020B	Nickel	0.0052	mg/L	0.0050	03/13/25 14:55	
EPA 6020B	Potassium	0.58	mg/L	0.50	03/13/25 14:55	
EPA 6020B	Sodium	4.7	mg/L	1.0	03/13/25 14:55	
EPA 6020B	Zinc	0.0058J	mg/L	0.020	03/13/25 14:55	
92779374012	**HAM-GWC-22**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	189	mg/L	5.0	02/20/25 21:54	
SM 2320B-2011	Alkalinity, Total as CaCO3	189	mg/L	5.0	02/20/25 21:54	
SM 2540C-2015	Total Dissolved Solids	221	mg/L	25.0	02/14/25 18:30	
EPA 300.0 Rev 2.1 1993	Chloride	1.4	mg/L	1.0	02/13/25 22:51	
EPA 300.0 Rev 2.1 1993	Fluoride	0.064J	mg/L	0.10	02/13/25 22:51	
EPA 300.0 Rev 2.1 1993	Sulfate	7.1	mg/L	1.0	02/13/25 22:51	
EPA 6020B	Barium	0.091	mg/L	0.0050	03/13/25 15:02	
EPA 6020B	Boron	0.069	mg/L	0.040	03/16/25 20:01	
EPA 6020B	Calcium	50.1	mg/L	1.0	03/13/25 15:02	
EPA 6020B	Iron	1.2	mg/L	0.040	03/13/25 15:02	
EPA 6020B	Magnesium	10.4	mg/L	0.050	03/13/25 15:02	
EPA 6020B	Manganese	0.072	mg/L	0.040	03/13/25 15:02	
EPA 6020B	Potassium	0.32J	mg/L	0.50	03/13/25 15:02	
EPA 6020B	Sodium	10.4	mg/L	1.0	03/13/25 15:02	

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Huntersville, NC 28078
(704)875-9092

SUMMARY OF DETECTION

Project: Huffaker Road Landfill
Pace Project No.: 92779374

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92779374013	**HAM-HLF-FD-01**					
SM 2540C-2015	Total Dissolved Solids	132	mg/L	25.0	02/14/25 18:30	
EPA 300.0 Rev 2.1 1993	Chloride	5.5	mg/L	1.0	02/13/25 23:05	
EPA 300.0 Rev 2.1 1993	Sulfate	18.2	mg/L	1.0	02/13/25 23:05	
EPA 6020B	Barium	0.053	mg/L	0.0050	03/11/25 18:11	
EPA 6020B	Boron	0.019J	mg/L	0.040	03/11/25 18:11	
EPA 6020B	Calcium	27.8	mg/L	10.0	03/13/25 13:38	
EPA 6020B	Cobalt	0.0025J	mg/L	0.0050	03/11/25 18:11	
EPA 6020B	Nickel	0.0054	mg/L	0.0050	03/11/25 18:11	
EPA 6020B	Zinc	0.0054J	mg/L	0.020	03/11/25 18:11	
92779374016	**HAM-HLF-GWC-6**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	164	mg/L	5.0	02/20/25 13:27	
SM 2320B-2011	Alkalinity, Total as CaCO3	164	mg/L	5.0	02/20/25 13:27	
SM 2540C-2015	Total Dissolved Solids	322	mg/L	25.0	02/18/25 18:07	
EPA 300.0 Rev 2.1 1993	Chloride	1.5	mg/L	1.0	02/18/25 05:34	
EPA 300.0 Rev 2.1 1993	Fluoride	0.091J	mg/L	0.10	02/18/25 05:34	
EPA 300.0 Rev 2.1 1993	Sulfate	95.0	mg/L	1.0	02/18/25 05:34	
EPA 6020B	Barium	0.14	mg/L	0.0050	03/11/25 18:38	
EPA 6020B	Boron	0.044	mg/L	0.040	03/11/25 18:38	
EPA 6020B	Calcium	69.3	mg/L	10.0	03/12/25 11:20	
EPA 6020B	Iron	2.6	mg/L	0.040	03/11/25 18:38	
EPA 6020B	Magnesium	17.0	mg/L	0.050	03/11/25 18:38	
EPA 6020B	Manganese	0.071	mg/L	0.040	03/11/25 18:38	
EPA 6020B	Potassium	0.56	mg/L	0.50	03/11/25 18:38	
EPA 6020B	Sodium	11.3	mg/L	1.0	03/11/25 18:38	
92779374017	**HAM-GWC-7**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	23.0	mg/L	5.0	02/20/25 13:35	
SM 2320B-2011	Alkalinity, Total as CaCO3	23.0	mg/L	5.0	02/20/25 13:35	
SM 2540C-2015	Total Dissolved Solids	243	mg/L	25.0	02/18/25 18:07	
EPA 300.0 Rev 2.1 1993	Chloride	1.9	mg/L	1.0	02/18/25 05:49	
EPA 300.0 Rev 2.1 1993	Fluoride	0.25	mg/L	0.10	02/18/25 05:49	
EPA 300.0 Rev 2.1 1993	Sulfate	107	mg/L	3.0	02/18/25 16:38	
EPA 6020B	Arsenic	0.0063	mg/L	0.0050	03/11/25 18:47	
EPA 6020B	Barium	0.040	mg/L	0.0050	03/11/25 18:47	
EPA 6020B	Beryllium	0.00016J	mg/L	0.00050	03/11/25 18:47	
EPA 6020B	Boron	0.026J	mg/L	0.040	03/11/25 18:47	
EPA 6020B	Calcium	18.5	mg/L	1.0	03/11/25 18:47	
EPA 6020B	Cobalt	0.030	mg/L	0.0050	03/11/25 18:47	
EPA 6020B	Iron	38.3	mg/L	0.40	03/12/25 11:29	
EPA 6020B	Magnesium	13.3	mg/L	0.050	03/11/25 18:47	
EPA 6020B	Manganese	1.3	mg/L	0.40	03/12/25 11:29	
EPA 6020B	Nickel	0.14	mg/L	0.0050	03/11/25 18:47	
EPA 6020B	Potassium	2.3	mg/L	0.50	03/11/25 18:47	
EPA 6020B	Sodium	5.3	mg/L	1.0	03/11/25 18:47	
EPA 6020B	Zinc	0.22	mg/L	0.020	03/11/25 18:47	
92779374018	**HAM-HLF-GWC-8**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	269	mg/L	5.0	02/20/25 13:41	

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Huntersville, NC 28078
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SUMMARY OF DETECTION

Project: Huffaker Road Landfill
Pace Project No.: 92779374

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92779374018	**HAM-HLF-GWC-8**					
SM 2320B-2011	Alkalinity, Total as CaCO3	269	mg/L	5.0	02/20/25 13:41	
SM 2540C-2015	Total Dissolved Solids	341	mg/L	25.0	02/18/25 17:54	
EPA 300.0 Rev 2.1 1993	Chloride	2.1	mg/L	1.0	02/18/25 06:05	
EPA 300.0 Rev 2.1 1993	Fluoride	0.15	mg/L	0.10	02/18/25 06:05	
EPA 300.0 Rev 2.1 1993	Sulfate	43.8	mg/L	1.0	02/18/25 06:05	
EPA 6020B	Barium	0.14	mg/L	0.0050	03/11/25 18:56	
EPA 6020B	Boron	0.042	mg/L	0.040	03/11/25 18:56	
EPA 6020B	Calcium	91.8	mg/L	10.0	03/12/25 11:38	
EPA 6020B	Iron	1.1	mg/L	0.040	03/11/25 18:56	
EPA 6020B	Magnesium	14.7	mg/L	0.050	03/11/25 18:56	
EPA 6020B	Manganese	0.36J	mg/L	0.40	03/12/25 11:38	
EPA 6020B	Potassium	0.67	mg/L	0.50	03/11/25 18:56	
EPA 6020B	Sodium	12.9	mg/L	1.0	03/11/25 18:56	
92779374019	**HAM-GWC-18**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	180	mg/L	5.0	02/20/25 13:49	
SM 2320B-2011	Alkalinity, Total as CaCO3	180	mg/L	5.0	02/20/25 13:49	
SM 2540C-2015	Total Dissolved Solids	192	mg/L	25.0	02/18/25 17:54	
EPA 300.0 Rev 2.1 1993	Chloride	0.80J	mg/L	1.0	02/18/25 06:21	
EPA 300.0 Rev 2.1 1993	Fluoride	0.14	mg/L	0.10	02/18/25 06:21	
EPA 300.0 Rev 2.1 1993	Sulfate	7.4	mg/L	1.0	02/18/25 06:21	
EPA 6020B	Barium	0.082	mg/L	0.0050	03/11/25 19:05	
EPA 6020B	Boron	0.14	mg/L	0.040	03/11/25 19:05	
EPA 6020B	Calcium	43.6	mg/L	10.0	03/12/25 11:47	
EPA 6020B	Iron	0.023J	mg/L	0.040	03/11/25 19:05	
EPA 6020B	Magnesium	14.2	mg/L	0.050	03/11/25 19:05	
EPA 6020B	Manganese	0.015J	mg/L	0.040	03/11/25 19:05	
EPA 6020B	Potassium	0.56	mg/L	0.50	03/11/25 19:05	
EPA 6020B	Sodium	11.6	mg/L	1.0	03/11/25 19:05	
92779374020	**HAM-GWC-23**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	146	mg/L	5.0	02/20/25 13:56	
SM 2320B-2011	Alkalinity, Total as CaCO3	146	mg/L	5.0	02/20/25 13:56	
SM 2540C-2015	Total Dissolved Solids	173	mg/L	25.0	02/18/25 17:54	
EPA 300.0 Rev 2.1 1993	Chloride	1.0	mg/L	1.0	02/18/25 07:09	
EPA 300.0 Rev 2.1 1993	Fluoride	0.12	mg/L	0.10	02/18/25 07:09	
EPA 300.0 Rev 2.1 1993	Sulfate	4.8	mg/L	1.0	02/18/25 07:09	
EPA 6020B	Barium	0.068	mg/L	0.0050	03/11/25 19:14	
EPA 6020B	Boron	0.019J	mg/L	0.040	03/11/25 19:14	
EPA 6020B	Calcium	42.8	mg/L	10.0	03/12/25 11:56	
EPA 6020B	Iron	1.9	mg/L	0.040	03/11/25 19:14	
EPA 6020B	Magnesium	10.5	mg/L	0.050	03/11/25 19:14	
EPA 6020B	Manganese	0.051	mg/L	0.040	03/11/25 19:14	
EPA 6020B	Potassium	0.77	mg/L	0.50	03/11/25 19:14	
EPA 6020B	Sodium	5.0	mg/L	1.0	03/11/25 19:14	
EPA 6020B	Zinc	0.0029J	mg/L	0.020	03/11/25 19:14	
92779374022	**HAM-HLF-FB-02**					
EPA 6020B	Zinc	0.0026J	mg/L	0.020	03/11/25 19:50	

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(704)875-9092

SUMMARY OF DETECTION

Project: Huffaker Road Landfill
Pace Project No.: 92779374

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92779374023	**HAM-HLF-FD-02**					
SM 2540C-2015	Total Dissolved Solids	325	mg/L	25.0	02/18/25 17:55	
EPA 300.0 Rev 2.1 1993	Chloride	1.5	mg/L	1.0	02/18/25 15:36	
EPA 300.0 Rev 2.1 1993	Fluoride	0.093J	mg/L	0.10	02/18/25 15:36	
EPA 300.0 Rev 2.1 1993	Sulfate	99.1	mg/L	1.0	02/18/25 15:36	
EPA 6020B	Barium	0.15	mg/L	0.0050	03/11/25 20:17	
EPA 6020B	Boron	0.043	mg/L	0.040	03/11/25 20:17	
EPA 6020B	Calcium	69.6	mg/L	10.0	03/12/25 12:23	

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Huntersville, NC 28078
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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92779374

Sample: HAM-GWA-1 **Lab ID: 92779374001** Collected: 02/11/25 12:45 Received: 02/12/25 16:16 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**64.6**	mg/L	5.0	5.0	1		02/20/25 20:21		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/20/25 20:21		
Alkalinity, Total as CaCO3	**64.6**	mg/L	5.0	5.0	1		02/20/25 20:21		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**101**	mg/L	25.0	25.0	1		02/14/25 18:28		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville								
Sulfide	ND	mg/L	0.10	0.022	1		02/14/25 06:25	18496-25-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**1.3**	mg/L	1.0	0.60	1		02/13/25 18:54	16887-00-6	
Fluoride	**0.087J**	mg/L	0.10	0.050	1		02/13/25 18:54	16984-48-8	
Sulfate	**3.7**	mg/L	1.0	0.50	1		02/13/25 18:54	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/09/25 08:20	03/13/25 12:33	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 12:33	7440-38-2	
Barium	**0.033**	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 12:33	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/09/25 08:20	03/13/25 12:33	7440-41-7	
Boron	**0.019J**	mg/L	0.040	0.0062	1	03/09/25 08:20	03/16/25 16:33	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/09/25 08:20	03/13/25 12:33	7440-43-9	
Calcium	**14.1**	mg/L	1.0	0.10	1	03/09/25 08:20	03/13/25 12:33	7440-70-2	M1
Chromium	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 12:33	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 12:33	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 12:33	7440-50-8	
Iron	**2.4**	mg/L	0.040	0.012	1	03/09/25 08:20	03/13/25 12:33	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/09/25 08:20	03/13/25 12:33	7439-92-1	
Magnesium	**5.5**	mg/L	0.050	0.010	1	03/09/25 08:20	03/13/25 12:33	7439-95-4	
Manganese	**0.20**	mg/L	0.040	0.0012	1	03/09/25 08:20	03/13/25 12:33	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 12:33	7440-02-0	
Potassium	**0.35J**	mg/L	0.50	0.10	1	03/09/25 08:20	03/13/25 12:33	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 12:33	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/09/25 08:20	03/13/25 12:33	7440-22-4	
Sodium	**4.0**	mg/L	1.0	0.15	1	03/09/25 08:20	03/13/25 12:33	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/09/25 08:20	03/13/25 12:33	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/09/25 08:20	03/13/25 12:33	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/09/25 08:20	03/13/25 12:33	7440-66-6	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92779374

Sample: HAM-GWA-2 **Lab ID: 92779374002** Collected: 02/11/25 10:15 Received: 02/12/25 16:16 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**231**	mg/L	5.0	5.0	1		02/20/25 20:28		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/20/25 20:28		
Alkalinity, Total as CaCO3	**231**	mg/L	5.0	5.0	1		02/20/25 20:28		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**292**	mg/L	25.0	25.0	1		02/14/25 18:28		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville								
Sulfide	ND	mg/L	0.10	0.022	1		02/14/25 06:26	18496-25-8	
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		02/13/25 19:08	16887-00-6	
Fluoride	**0.075J**	mg/L	0.10	0.050	1		02/13/25 19:08	16984-48-8	
Sulfate	**33.8**	mg/L	1.0	0.50	1		02/13/25 19:08	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/09/25 08:20	03/13/25 13:06	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 13:06	7440-38-2	
Barium	**0.20**	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 13:06	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/09/25 08:20	03/13/25 13:06	7440-41-7	
Boron	**0.094**	mg/L	0.040	0.0062	1	03/09/25 08:20	03/16/25 17:18	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/09/25 08:20	03/13/25 13:06	7440-43-9	
Calcium	**57.2**	mg/L	1.0	0.10	1	03/09/25 08:20	03/13/25 13:06	7440-70-2	M1
Chromium	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 13:06	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 13:06	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 13:06	7440-50-8	
Iron	**2.7**	mg/L	0.040	0.012	1	03/09/25 08:20	03/13/25 13:06	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/09/25 08:20	03/13/25 13:06	7439-92-1	
Magnesium	**21.7**	mg/L	0.050	0.010	1	03/09/25 08:20	03/13/25 13:06	7439-95-4	M1
Manganese	**0.22**	mg/L	0.040	0.0012	1	03/09/25 08:20	03/13/25 13:06	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 13:06	7440-02-0	
Potassium	**0.60**	mg/L	0.50	0.10	1	03/09/25 08:20	03/13/25 13:06	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 13:06	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/09/25 08:20	03/13/25 13:06	7440-22-4	
Sodium	**12.8**	mg/L	1.0	0.15	1	03/09/25 08:20	03/13/25 13:06	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/09/25 08:20	03/13/25 13:06	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/09/25 08:20	03/13/25 13:06	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/09/25 08:20	03/13/25 13:06	7440-66-6	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92779374

Sample: HAM-GWA-3 **Lab ID: 92779374003** Collected: 02/11/25 10:52 Received: 02/12/25 16:16 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**242**	mg/L	5.0	5.0	1		02/20/25 20:36		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/20/25 20:36		
Alkalinity, Total as CaCO3	**242**	mg/L	5.0	5.0	1		02/20/25 20:36		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**376**	mg/L	25.0	25.0	1		02/14/25 18:29		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville								
Sulfide	ND	mg/L	0.10	0.022	1		02/14/25 06:27	18496-25-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**1.3**	mg/L	1.0	0.60	1		02/13/25 19:22	16887-00-6	
Fluoride	**0.087J**	mg/L	0.10	0.050	1		02/13/25 19:22	16984-48-8	
Sulfate	**94.4**	mg/L	1.0	0.50	1		02/13/25 19:22	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/09/25 08:20	03/13/25 13:51	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 13:51	7440-38-2	
Barium	**0.081**	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 13:51	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/09/25 08:20	03/13/25 13:51	7440-41-7	
Boron	**0.11**	mg/L	0.040	0.0062	1	03/09/25 08:20	03/16/25 18:21	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/09/25 08:20	03/13/25 13:51	7440-43-9	
Calcium	**65.7**	mg/L	5.0	0.50	5	03/09/25 08:20	03/13/25 20:09	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 13:51	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 13:51	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 13:51	7440-50-8	
Iron	**1.2**	mg/L	0.040	0.012	1	03/09/25 08:20	03/13/25 13:51	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/09/25 08:20	03/13/25 13:51	7439-92-1	
Magnesium	**29.5**	mg/L	0.050	0.010	1	03/09/25 08:20	03/13/25 13:51	7439-95-4	
Manganese	**0.35**	mg/L	0.040	0.0012	1	03/09/25 08:20	03/13/25 13:51	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 13:51	7440-02-0	
Potassium	**0.69**	mg/L	0.50	0.10	1	03/09/25 08:20	03/13/25 13:51	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 13:51	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/09/25 08:20	03/13/25 13:51	7440-22-4	
Sodium	**23.8**	mg/L	1.0	0.15	1	03/09/25 08:20	03/13/25 13:51	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/09/25 08:20	03/13/25 13:51	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/09/25 08:20	03/13/25 13:51	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/09/25 08:20	03/13/25 13:51	7440-66-6	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92779374

Sample: HAM-GWA-4 **Lab ID: 92779374004** Collected: 02/11/25 09:31 Received: 02/12/25 16:16 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**142**	mg/L	5.0	5.0	1		02/20/25 20:44		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/20/25 20:44		
Alkalinity, Total as CaCO3	**142**	mg/L	5.0	5.0	1		02/20/25 20:44		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**430**	mg/L	25.0	25.0	1		02/14/25 18:29		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville								
Sulfide	ND	mg/L	0.10	0.022	1		02/14/25 06:27	18496-25-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**2.0**	mg/L	1.0	0.60	1		02/13/25 20:03	16887-00-6	
Fluoride	**0.12**	mg/L	0.10	0.050	1		02/13/25 20:03	16984-48-8	
Sulfate	**155**	mg/L	4.0	2.0	4		02/14/25 02:20	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/09/25 08:20	03/13/25 13:57	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 13:57	7440-38-2	
Barium	**0.035**	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 13:57	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/09/25 08:20	03/13/25 13:57	7440-41-7	
Boron	**0.044**	mg/L	0.040	0.0062	1	03/09/25 08:20	03/16/25 18:30	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/09/25 08:20	03/13/25 13:57	7440-43-9	
Calcium	**76.0**	mg/L	5.0	0.50	5	03/09/25 08:20	03/13/25 20:15	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 13:57	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 13:57	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 13:57	7440-50-8	
Iron	**0.89**	mg/L	0.040	0.012	1	03/09/25 08:20	03/13/25 13:57	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/09/25 08:20	03/13/25 13:57	7439-92-1	
Magnesium	**28.6**	mg/L	0.050	0.010	1	03/09/25 08:20	03/13/25 13:57	7439-95-4	
Manganese	**0.053**	mg/L	0.040	0.0012	1	03/09/25 08:20	03/13/25 13:57	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 13:57	7440-02-0	
Potassium	**1.9**	mg/L	0.50	0.10	1	03/09/25 08:20	03/13/25 13:57	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 13:57	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/09/25 08:20	03/13/25 13:57	7440-22-4	
Sodium	**6.6**	mg/L	1.0	0.15	1	03/09/25 08:20	03/13/25 13:57	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/09/25 08:20	03/13/25 13:57	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/09/25 08:20	03/13/25 13:57	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/09/25 08:20	03/13/25 13:57	7440-66-6	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92779374

Sample: HAM-GWA-11 **Lab ID: 92779374005** Collected: 02/11/25 10:56 Received: 02/12/25 16:16 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**85.7**	mg/L	5.0	5.0	1		02/20/25 20:52		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/20/25 20:52		
Alkalinity, Total as CaCO3	**85.7**	mg/L	5.0	5.0	1		02/20/25 20:52		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**134**	mg/L	25.0	25.0	1		02/14/25 18:29		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville								
Sulfide	ND	mg/L	0.10	0.022	1		02/14/25 06:28	18496-25-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**1.3**	mg/L	1.0	0.60	1		02/13/25 20:17	16887-00-6	
Fluoride	**0.055J**	mg/L	0.10	0.050	1		02/13/25 20:17	16984-48-8	
Sulfate	**9.7**	mg/L	1.0	0.50	1		02/13/25 20:17	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/09/25 08:20	03/13/25 14:04	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 14:04	7440-38-2	
Barium	**0.031**	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 14:04	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/09/25 08:20	03/13/25 14:04	7440-41-7	
Boron	**0.039J**	mg/L	0.040	0.0062	1	03/09/25 08:20	03/16/25 18:40	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/09/25 08:20	03/13/25 14:04	7440-43-9	
Calcium	**21.0**	mg/L	1.0	0.10	1	03/09/25 08:20	03/13/25 14:04	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 14:04	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 14:04	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 14:04	7440-50-8	
Iron	**1.6**	mg/L	0.040	0.012	1	03/09/25 08:20	03/13/25 14:04	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/09/25 08:20	03/13/25 14:04	7439-92-1	
Magnesium	**6.2**	mg/L	0.050	0.010	1	03/09/25 08:20	03/13/25 14:04	7439-95-4	
Manganese	**0.10**	mg/L	0.040	0.0012	1	03/09/25 08:20	03/13/25 14:04	7439-96-5	
Nickel	**0.0022J**	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 14:04	7440-02-0	
Potassium	**0.33J**	mg/L	0.50	0.10	1	03/09/25 08:20	03/13/25 14:04	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 14:04	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/09/25 08:20	03/13/25 14:04	7440-22-4	
Sodium	**7.8**	mg/L	1.0	0.15	1	03/09/25 08:20	03/13/25 14:04	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/09/25 08:20	03/13/25 14:04	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/09/25 08:20	03/13/25 14:04	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/09/25 08:20	03/13/25 14:04	7440-66-6	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92779374

Sample: HAM-GWC-5 **Lab ID: 92779374006** Collected: 02/11/25 15:44 Received: 02/12/25 16:16 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**220**	mg/L	5.0	5.0	1		02/20/25 20:59		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/20/25 20:59		
Alkalinity, Total as CaCO3	**220**	mg/L	5.0	5.0	1		02/20/25 20:59		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**420**	mg/L	25.0	25.0	1		02/14/25 18:29		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville								
Sulfide	ND	mg/L	0.10	0.022	1		02/14/25 06:29	18496-25-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**2.7**	mg/L	1.0	0.60	1		02/13/25 20:31	16887-00-6	
Fluoride	**0.050J**	mg/L	0.10	0.050	1		02/13/25 20:31	16984-48-8	
Sulfate	**91.7**	mg/L	2.0	1.0	2		02/14/25 02:35	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/09/25 08:20	03/13/25 14:10	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 14:10	7440-38-2	
Barium	**0.073**	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 14:10	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/09/25 08:20	03/13/25 14:10	7440-41-7	
Boron	**0.046**	mg/L	0.040	0.0062	1	03/09/25 08:20	03/16/25 18:49	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/09/25 08:20	03/13/25 14:10	7440-43-9	
Calcium	**75.5**	mg/L	5.0	0.50	5	03/09/25 08:20	03/13/25 20:22	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 14:10	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 14:10	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 14:10	7440-50-8	
Iron	**2.4**	mg/L	0.040	0.012	1	03/09/25 08:20	03/13/25 14:10	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/09/25 08:20	03/13/25 14:10	7439-92-1	
Magnesium	**25.2**	mg/L	0.050	0.010	1	03/09/25 08:20	03/13/25 14:10	7439-95-4	
Manganese	**0.29**	mg/L	0.040	0.0012	1	03/09/25 08:20	03/13/25 14:10	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 14:10	7440-02-0	
Potassium	**0.75**	mg/L	0.50	0.10	1	03/09/25 08:20	03/13/25 14:10	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 14:10	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/09/25 08:20	03/13/25 14:10	7440-22-4	
Sodium	**13.1**	mg/L	1.0	0.15	1	03/09/25 08:20	03/13/25 14:10	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/09/25 08:20	03/13/25 14:10	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/09/25 08:20	03/13/25 14:10	7440-62-2	
Zinc	**0.0029J**	mg/L	0.020	0.0025	1	03/09/25 08:20	03/13/25 14:10	7440-66-6	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92779374

Sample: HAM-GWC-9 **Lab ID: 92779374007** Collected: 02/11/25 15:52 Received: 02/12/25 16:16 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**91.0**	mg/L	5.0	5.0	1		02/20/25 21:07		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/20/25 21:07		
Alkalinity, Total as CaCO3	**91.0**	mg/L	5.0	5.0	1		02/20/25 21:07		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**247**	mg/L	25.0	25.0	1		02/14/25 18:29		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville								
Sulfide	ND	mg/L	0.10	0.022	1		02/14/25 06:29	18496-25-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**1.0**	mg/L	1.0	0.60	1		02/13/25 20:45	16887-00-6	
Fluoride	**0.068J**	mg/L	0.10	0.050	1		02/13/25 20:45	16984-48-8	
Sulfate	**79.2**	mg/L	1.0	0.50	1		02/13/25 20:45	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/09/25 08:20	03/13/25 14:16	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 14:16	7440-38-2	
Barium	**0.071**	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 14:16	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/09/25 08:20	03/13/25 14:16	7440-41-7	
Boron	**0.017J**	mg/L	0.040	0.0062	1	03/09/25 08:20	03/16/25 18:58	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/09/25 08:20	03/13/25 14:16	7440-43-9	
Calcium	**40.9**	mg/L	1.0	0.10	1	03/09/25 08:20	03/13/25 14:16	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 14:16	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 14:16	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 14:16	7440-50-8	
Iron	**6.7**	mg/L	0.040	0.012	1	03/09/25 08:20	03/13/25 14:16	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/09/25 08:20	03/13/25 14:16	7439-92-1	
Magnesium	**13.3**	mg/L	0.050	0.010	1	03/09/25 08:20	03/13/25 14:16	7439-95-4	
Manganese	**0.16**	mg/L	0.040	0.0012	1	03/09/25 08:20	03/13/25 14:16	7439-96-5	
Nickel	**0.0025J**	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 14:16	7440-02-0	
Potassium	**0.43J**	mg/L	0.50	0.10	1	03/09/25 08:20	03/13/25 14:16	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 14:16	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/09/25 08:20	03/13/25 14:16	7440-22-4	
Sodium	**6.9**	mg/L	1.0	0.15	1	03/09/25 08:20	03/13/25 14:16	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/09/25 08:20	03/13/25 14:16	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/09/25 08:20	03/13/25 14:16	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/09/25 08:20	03/13/25 14:16	7440-66-6	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92779374

Sample: HAM-GWC-10 **Lab ID: 92779374008** Collected: 02/11/25 12:54 Received: 02/12/25 16:16 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**166**	mg/L	5.0	5.0	1		02/20/25 21:24		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/20/25 21:24		
Alkalinity, Total as CaCO3	**166**	mg/L	5.0	5.0	1		02/20/25 21:24		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**199**	mg/L	25.0	25.0	1		02/14/25 18:29		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville								
Sulfide	ND	mg/L	0.10	0.022	1		02/14/25 06:29	18496-25-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**1.3**	mg/L	1.0	0.60	1		02/13/25 20:59	16887-00-6	
Fluoride	**0.072J**	mg/L	0.10	0.050	1		02/13/25 20:59	16984-48-8	
Sulfate	**10.5**	mg/L	1.0	0.50	1		02/13/25 20:59	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/09/25 08:20	03/13/25 14:23	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 14:23	7440-38-2	
Barium	**0.14**	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 14:23	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/09/25 08:20	03/13/25 14:23	7440-41-7	
Boron	**0.041**	mg/L	0.040	0.0062	1	03/09/25 08:20	03/16/25 19:07	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/09/25 08:20	03/13/25 14:23	7440-43-9	
Calcium	**46.2**	mg/L	1.0	0.10	1	03/09/25 08:20	03/13/25 14:23	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 14:23	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 14:23	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 14:23	7440-50-8	
Iron	**1.6**	mg/L	0.040	0.012	1	03/09/25 08:20	03/13/25 14:23	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/09/25 08:20	03/13/25 14:23	7439-92-1	
Magnesium	**9.8**	mg/L	0.050	0.010	1	03/09/25 08:20	03/13/25 14:23	7439-95-4	
Manganese	**0.072**	mg/L	0.040	0.0012	1	03/09/25 08:20	03/13/25 14:23	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 14:23	7440-02-0	
Potassium	**0.40J**	mg/L	0.50	0.10	1	03/09/25 08:20	03/13/25 14:23	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 14:23	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/09/25 08:20	03/13/25 14:23	7440-22-4	
Sodium	**7.8**	mg/L	1.0	0.15	1	03/09/25 08:20	03/13/25 14:23	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/09/25 08:20	03/13/25 14:23	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/09/25 08:20	03/13/25 14:23	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/09/25 08:20	03/13/25 14:23	7440-66-6	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92779374

Sample: HAM-HLF-GWC-19 **Lab ID: 92779374009** Collected: 02/11/25 16:22 Received: 02/12/25 16:16 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**205**	mg/L	5.0	5.0	1		02/20/25 21:31		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/20/25 21:31		
Alkalinity, Total as CaCO3	**205**	mg/L	5.0	5.0	1		02/20/25 21:31		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**264**	mg/L	25.0	25.0	1		02/14/25 18:30		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville								
Sulfide	ND	mg/L	0.10	0.022	1		02/14/25 06:30	18496-25-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**1.4**	mg/L	1.0	0.60	1		02/13/25 21:41	16887-00-6	
Fluoride	**0.099J**	mg/L	0.10	0.050	1		02/13/25 21:41	16984-48-8	
Sulfate	**26.8**	mg/L	1.0	0.50	1		02/13/25 21:41	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/09/25 08:20	03/13/25 14:29	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 14:29	7440-38-2	
Barium	**0.15**	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 14:29	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/09/25 08:20	03/13/25 14:29	7440-41-7	
Boron	**0.16**	mg/L	0.040	0.0062	1	03/09/25 08:20	03/16/25 19:16	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/09/25 08:20	03/13/25 14:29	7440-43-9	
Calcium	**48.6**	mg/L	1.0	0.10	1	03/09/25 08:20	03/13/25 14:29	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 14:29	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 14:29	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 14:29	7440-50-8	
Iron	**0.89**	mg/L	0.040	0.012	1	03/09/25 08:20	03/13/25 14:29	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/09/25 08:20	03/13/25 14:29	7439-92-1	
Magnesium	**11.6**	mg/L	0.050	0.010	1	03/09/25 08:20	03/13/25 14:29	7439-95-4	
Manganese	**0.065**	mg/L	0.040	0.0012	1	03/09/25 08:20	03/13/25 14:29	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 14:29	7440-02-0	
Potassium	**0.37J**	mg/L	0.50	0.10	1	03/09/25 08:20	03/13/25 14:29	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 14:29	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/09/25 08:20	03/13/25 14:29	7440-22-4	
Sodium	**21.2**	mg/L	1.0	0.15	1	03/09/25 08:20	03/13/25 14:29	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/09/25 08:20	03/13/25 14:29	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/09/25 08:20	03/13/25 14:29	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/09/25 08:20	03/13/25 14:29	7440-66-6	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92779374

Sample: HAM-GWC-20 **Lab ID: 92779374010** Collected: 02/11/25 14:30 Received: 02/12/25 16:16 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**160**	mg/L	5.0	5.0	1		02/20/25 21:39		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/20/25 21:39		
Alkalinity, Total as CaCO3	**160**	mg/L	5.0	5.0	1		02/20/25 21:39		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**291**	mg/L	25.0	25.0	1		02/14/25 18:30		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville								
Sulfide	ND	mg/L	0.10	0.022	1		02/14/25 06:32	18496-25-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**1.5**	mg/L	1.0	0.60	1		02/13/25 21:55	16887-00-6	
Fluoride	**0.060J**	mg/L	0.10	0.050	1		02/13/25 21:55	16984-48-8	
Sulfate	**67.8**	mg/L	1.0	0.50	1		02/13/25 21:55	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/09/25 08:20	03/13/25 14:49	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 14:49	7440-38-2	
Barium	**0.14**	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 14:49	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/09/25 08:20	03/13/25 14:49	7440-41-7	
Boron	**0.018J**	mg/L	0.040	0.0062	1	03/09/25 08:20	03/16/25 19:25	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/09/25 08:20	03/13/25 14:49	7440-43-9	
Calcium	**63.9**	mg/L	5.0	0.50	5	03/09/25 08:20	03/13/25 20:28	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 14:49	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 14:49	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 14:49	7440-50-8	
Iron	**2.1**	mg/L	0.040	0.012	1	03/09/25 08:20	03/13/25 14:49	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/09/25 08:20	03/13/25 14:49	7439-92-1	
Magnesium	**13.3**	mg/L	0.050	0.010	1	03/09/25 08:20	03/13/25 14:49	7439-95-4	
Manganese	**0.13**	mg/L	0.040	0.0012	1	03/09/25 08:20	03/13/25 14:49	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 14:49	7440-02-0	
Potassium	**0.29J**	mg/L	0.50	0.10	1	03/09/25 08:20	03/13/25 14:49	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 14:49	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/09/25 08:20	03/13/25 14:49	7440-22-4	
Sodium	**4.6**	mg/L	1.0	0.15	1	03/09/25 08:20	03/13/25 14:49	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/09/25 08:20	03/13/25 14:49	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/09/25 08:20	03/13/25 14:49	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/09/25 08:20	03/13/25 14:49	7440-66-6	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92779374

Sample: HAM-GWC-21 **Lab ID: 92779374011** Collected: 02/11/25 14:47 Received: 02/12/25 16:16 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**75.8**	mg/L	5.0	5.0	1		02/20/25 21:47		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/20/25 21:47		
Alkalinity, Total as CaCO3	**75.8**	mg/L	5.0	5.0	1		02/20/25 21:47		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**131**	mg/L	25.0	25.0	1		02/14/25 18:30		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville								
Sulfide	ND	mg/L	0.10	0.022	1		02/14/25 06:34	18496-25-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**5.5**	mg/L	1.0	0.60	1		02/13/25 22:09	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/13/25 22:09	16984-48-8	
Sulfate	**18.3**	mg/L	1.0	0.50	1		02/13/25 22:09	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/09/25 08:20	03/13/25 14:55	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 14:55	7440-38-2	
Barium	**0.054**	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 14:55	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/09/25 08:20	03/13/25 14:55	7440-41-7	
Boron	**0.021J**	mg/L	0.040	0.0062	1	03/09/25 08:20	03/16/25 19:52	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/09/25 08:20	03/13/25 14:55	7440-43-9	
Calcium	**28.1**	mg/L	1.0	0.10	1	03/09/25 08:20	03/13/25 14:55	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 14:55	7440-47-3	
Cobalt	**0.0026J**	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 14:55	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 14:55	7440-50-8	
Iron	**0.72**	mg/L	0.040	0.012	1	03/09/25 08:20	03/13/25 14:55	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/09/25 08:20	03/13/25 14:55	7439-92-1	
Magnesium	**5.1**	mg/L	0.050	0.010	1	03/09/25 08:20	03/13/25 14:55	7439-95-4	
Manganese	**0.20**	mg/L	0.040	0.0012	1	03/09/25 08:20	03/13/25 14:55	7439-96-5	
Nickel	**0.0052**	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 14:55	7440-02-0	
Potassium	**0.58**	mg/L	0.50	0.10	1	03/09/25 08:20	03/13/25 14:55	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 14:55	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/09/25 08:20	03/13/25 14:55	7440-22-4	
Sodium	**4.7**	mg/L	1.0	0.15	1	03/09/25 08:20	03/13/25 14:55	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/09/25 08:20	03/13/25 14:55	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/09/25 08:20	03/13/25 14:55	7440-62-2	
Zinc	**0.0058J**	mg/L	0.020	0.0025	1	03/09/25 08:20	03/13/25 14:55	7440-66-6	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92779374

Sample: HAM-GWC-22 **Lab ID: 92779374012** Collected: 02/11/25 12:51 Received: 02/12/25 16:16 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**189**	mg/L	5.0	5.0	1		02/20/25 21:54		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/20/25 21:54		
Alkalinity, Total as CaCO3	**189**	mg/L	5.0	5.0	1		02/20/25 21:54		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**221**	mg/L	25.0	25.0	1		02/14/25 18:30		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville								
Sulfide	ND	mg/L	0.10	0.022	1		02/14/25 06:34	18496-25-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**1.4**	mg/L	1.0	0.60	1		02/13/25 22:51	16887-00-6	
Fluoride	**0.064J**	mg/L	0.10	0.050	1		02/13/25 22:51	16984-48-8	
Sulfate	**7.1**	mg/L	1.0	0.50	1		02/13/25 22:51	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/09/25 08:20	03/13/25 15:02	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 15:02	7440-38-2	
Barium	**0.091**	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 15:02	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/09/25 08:20	03/13/25 15:02	7440-41-7	
Boron	**0.069**	mg/L	0.040	0.0062	1	03/09/25 08:20	03/16/25 20:01	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/09/25 08:20	03/13/25 15:02	7440-43-9	
Calcium	**50.1**	mg/L	1.0	0.10	1	03/09/25 08:20	03/13/25 15:02	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 15:02	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 15:02	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 15:02	7440-50-8	
Iron	**1.2**	mg/L	0.040	0.012	1	03/09/25 08:20	03/13/25 15:02	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/09/25 08:20	03/13/25 15:02	7439-92-1	
Magnesium	**10.4**	mg/L	0.050	0.010	1	03/09/25 08:20	03/13/25 15:02	7439-95-4	
Manganese	**0.072**	mg/L	0.040	0.0012	1	03/09/25 08:20	03/13/25 15:02	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 15:02	7440-02-0	
Potassium	**0.32J**	mg/L	0.50	0.10	1	03/09/25 08:20	03/13/25 15:02	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/09/25 08:20	03/13/25 15:02	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/09/25 08:20	03/13/25 15:02	7440-22-4	
Sodium	**10.4**	mg/L	1.0	0.15	1	03/09/25 08:20	03/13/25 15:02	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/09/25 08:20	03/13/25 15:02	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/09/25 08:20	03/13/25 15:02	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/09/25 08:20	03/13/25 15:02	7440-66-6	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92779374

Sample: HAM-HLF-FD-01 **Lab ID: 92779374013** Collected: 02/11/25 00:00 Received: 02/12/25 16:16 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**132**	mg/L	25.0	25.0	1		02/14/25 18:30		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**5.5**	mg/L	1.0	0.60	1		02/13/25 23:05	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/13/25 23:05	16984-48-8	
Sulfate	**18.2**	mg/L	1.0	0.50	1		02/13/25 23:05	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/10/25 10:48	03/11/25 18:11	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 18:11	7440-38-2	
Barium	**0.053**	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 18:11	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/10/25 10:48	03/11/25 18:11	7440-41-7	
Boron	**0.019J**	mg/L	0.040	0.0062	1	03/10/25 10:48	03/11/25 18:11	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/10/25 10:48	03/11/25 18:11	7440-43-9	
Calcium	**27.8**	mg/L	10.0	1.0	10	03/10/25 10:48	03/13/25 13:38	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 18:11	7440-47-3	
Cobalt	**0.0025J**	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 18:11	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 18:11	7440-50-8	
Lead	ND	mg/L	0.0010	0.00025	1	03/10/25 10:48	03/11/25 18:11	7439-92-1	
Nickel	**0.0054**	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 18:11	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 18:11	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/10/25 10:48	03/11/25 18:11	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00015	1	03/10/25 10:48	03/11/25 18:11	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/10/25 10:48	03/11/25 18:11	7440-62-2	
Zinc	**0.0054J**	mg/L	0.020	0.0025	1	03/10/25 10:48	03/11/25 18:11	7440-66-6	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92779374

Sample: HAM-HLF-EB-01 **Lab ID: 92779374014** Collected: 02/11/25 16:15 Received: 02/12/25 16:16 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	ND	mg/L	25.0	25.0	1		02/14/25 18:31		
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		02/13/25 23:19	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/13/25 23:19	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		02/13/25 23:19	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/10/25 10:48	03/11/25 18:20	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 18:20	7440-38-2	
Barium	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 18:20	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/10/25 10:48	03/11/25 18:20	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/10/25 10:48	03/11/25 18:20	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/10/25 10:48	03/11/25 18:20	7440-43-9	
Calcium	ND	mg/L	1.0	0.10	1	03/10/25 10:48	03/11/25 18:20	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 18:20	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 18:20	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 18:20	7440-50-8	
Lead	ND	mg/L	0.0010	0.00025	1	03/10/25 10:48	03/11/25 18:20	7439-92-1	
Nickel	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 18:20	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 18:20	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/10/25 10:48	03/11/25 18:20	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00015	1	03/10/25 10:48	03/11/25 18:20	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/10/25 10:48	03/11/25 18:20	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/10/25 10:48	03/11/25 18:20	7440-66-6	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92779374

Sample: HAM-HLF-FB-01 **Lab ID: 92779374015** Collected: 02/11/25 16:00 Received: 02/12/25 16:16 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	ND	mg/L	25.0	25.0	1		02/14/25 18:31		
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		02/13/25 23:33	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/13/25 23:33	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		02/13/25 23:33	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/10/25 10:48	03/11/25 18:29	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 18:29	7440-38-2	
Barium	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 18:29	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/10/25 10:48	03/11/25 18:29	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/10/25 10:48	03/11/25 18:29	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/10/25 10:48	03/11/25 18:29	7440-43-9	
Calcium	ND	mg/L	1.0	0.10	1	03/10/25 10:48	03/11/25 18:29	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 18:29	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 18:29	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 18:29	7440-50-8	
Lead	ND	mg/L	0.0010	0.00025	1	03/10/25 10:48	03/11/25 18:29	7439-92-1	
Nickel	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 18:29	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 18:29	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/10/25 10:48	03/11/25 18:29	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00015	1	03/10/25 10:48	03/11/25 18:29	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/10/25 10:48	03/11/25 18:29	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/10/25 10:48	03/11/25 18:29	7440-66-6	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92779374

Sample: HAM-HLF-GWC-6 **Lab ID: 92779374016** Collected: 02/12/25 10:57 Received: 02/14/25 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**164**	mg/L	5.0	5.0	1		02/20/25 13:27		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/20/25 13:27		
Alkalinity, Total as CaCO3	**164**	mg/L	5.0	5.0	1		02/20/25 13:27		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**322**	mg/L	25.0	25.0	1		02/18/25 18:07		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville								
Sulfide	ND	mg/L	0.10	0.022	1		02/19/25 01:44	18496-25-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**1.5**	mg/L	1.0	0.60	1		02/18/25 05:34	16887-00-6	
Fluoride	**0.091J**	mg/L	0.10	0.050	1		02/18/25 05:34	16984-48-8	
Sulfate	**95.0**	mg/L	1.0	0.50	1		02/18/25 05:34	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/10/25 10:48	03/11/25 18:38	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 18:38	7440-38-2	
Barium	**0.14**	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 18:38	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/10/25 10:48	03/11/25 18:38	7440-41-7	
Boron	**0.044**	mg/L	0.040	0.0062	1	03/10/25 10:48	03/11/25 18:38	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/10/25 10:48	03/11/25 18:38	7440-43-9	
Calcium	**69.3**	mg/L	10.0	1.0	10	03/10/25 10:48	03/12/25 11:20	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 18:38	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 18:38	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 18:38	7440-50-8	
Iron	**2.6**	mg/L	0.040	0.012	1	03/10/25 10:48	03/11/25 18:38	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/10/25 10:48	03/11/25 18:38	7439-92-1	
Magnesium	**17.0**	mg/L	0.050	0.010	1	03/10/25 10:48	03/11/25 18:38	7439-95-4	
Manganese	**0.071**	mg/L	0.040	0.0012	1	03/10/25 10:48	03/11/25 18:38	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 18:38	7440-02-0	
Potassium	**0.56**	mg/L	0.50	0.10	1	03/10/25 10:48	03/11/25 18:38	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 18:38	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/10/25 10:48	03/11/25 18:38	7440-22-4	
Sodium	**11.3**	mg/L	1.0	0.15	1	03/10/25 10:48	03/11/25 18:38	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/10/25 10:48	03/11/25 18:38	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/10/25 10:48	03/11/25 18:38	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/10/25 10:48	03/11/25 18:38	7440-66-6	

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(704)875-9092

ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92779374

Sample: HAM-GWC-7 **Lab ID: 92779374017** Collected: 02/12/25 11:45 Received: 02/14/25 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**23.0**	mg/L	5.0	5.0	1		02/20/25 13:35		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/20/25 13:35		
Alkalinity, Total as CaCO3	**23.0**	mg/L	5.0	5.0	1		02/20/25 13:35		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**243**	mg/L	25.0	25.0	1		02/18/25 18:07		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville								
Sulfide	ND	mg/L	0.10	0.022	1		02/19/25 01:45	18496-25-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**1.9**	mg/L	1.0	0.60	1		02/18/25 05:49	16887-00-6	
Fluoride	**0.25**	mg/L	0.10	0.050	1		02/18/25 05:49	16984-48-8	
Sulfate	**107**	mg/L	3.0	1.5	3		02/18/25 16:38	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/10/25 10:48	03/11/25 18:47	7440-36-0	
Arsenic	**0.0063**	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 18:47	7440-38-2	
Barium	**0.040**	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 18:47	7440-39-3	
Beryllium	**0.00016J**	mg/L	0.00050	0.00015	1	03/10/25 10:48	03/11/25 18:47	7440-41-7	
Boron	**0.026J**	mg/L	0.040	0.0062	1	03/10/25 10:48	03/11/25 18:47	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/10/25 10:48	03/11/25 18:47	7440-43-9	
Calcium	**18.5**	mg/L	1.0	0.10	1	03/10/25 10:48	03/11/25 18:47	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 18:47	7440-47-3	
Cobalt	**0.030**	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 18:47	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 18:47	7440-50-8	
Iron	**38.3**	mg/L	0.40	0.12	10	03/10/25 10:48	03/12/25 11:29	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/10/25 10:48	03/11/25 18:47	7439-92-1	
Magnesium	**13.3**	mg/L	0.050	0.010	1	03/10/25 10:48	03/11/25 18:47	7439-95-4	
Manganese	**1.3**	mg/L	0.40	0.012	10	03/10/25 10:48	03/12/25 11:29	7439-96-5	
Nickel	**0.14**	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 18:47	7440-02-0	
Potassium	**2.3**	mg/L	0.50	0.10	1	03/10/25 10:48	03/11/25 18:47	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 18:47	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/10/25 10:48	03/11/25 18:47	7440-22-4	
Sodium	**5.3**	mg/L	1.0	0.15	1	03/10/25 10:48	03/11/25 18:47	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/10/25 10:48	03/11/25 18:47	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/10/25 10:48	03/11/25 18:47	7440-62-2	
Zinc	**0.22**	mg/L	0.020	0.0025	1	03/10/25 10:48	03/11/25 18:47	7440-66-6	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92779374

Sample: HAM-HLF-GWC-8 **Lab ID: 92779374018** Collected: 02/12/25 10:14 Received: 02/14/25 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**269**	mg/L	5.0	5.0	1		02/20/25 13:41		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/20/25 13:41		
Alkalinity, Total as CaCO3	**269**	mg/L	5.0	5.0	1		02/20/25 13:41		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**341**	mg/L	25.0	25.0	1		02/18/25 17:54		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville								
Sulfide	ND	mg/L	0.10	0.022	1		02/19/25 01:46	18496-25-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**2.1**	mg/L	1.0	0.60	1		02/18/25 06:05	16887-00-6	
Fluoride	**0.15**	mg/L	0.10	0.050	1		02/18/25 06:05	16984-48-8	
Sulfate	**43.8**	mg/L	1.0	0.50	1		02/18/25 06:05	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/10/25 10:48	03/11/25 18:56	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 18:56	7440-38-2	
Barium	**0.14**	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 18:56	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/10/25 10:48	03/11/25 18:56	7440-41-7	
Boron	**0.042**	mg/L	0.040	0.0062	1	03/10/25 10:48	03/11/25 18:56	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/10/25 10:48	03/11/25 18:56	7440-43-9	
Calcium	**91.8**	mg/L	10.0	1.0	10	03/10/25 10:48	03/12/25 11:38	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 18:56	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 18:56	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 18:56	7440-50-8	
Iron	**1.1**	mg/L	0.040	0.012	1	03/10/25 10:48	03/11/25 18:56	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/10/25 10:48	03/11/25 18:56	7439-92-1	
Magnesium	**14.7**	mg/L	0.050	0.010	1	03/10/25 10:48	03/11/25 18:56	7439-95-4	
Manganese	**0.36J**	mg/L	0.40	0.012	10	03/10/25 10:48	03/12/25 11:38	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 18:56	7440-02-0	
Potassium	**0.67**	mg/L	0.50	0.10	1	03/10/25 10:48	03/11/25 18:56	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 18:56	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/10/25 10:48	03/11/25 18:56	7440-22-4	
Sodium	**12.9**	mg/L	1.0	0.15	1	03/10/25 10:48	03/11/25 18:56	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/10/25 10:48	03/11/25 18:56	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/10/25 10:48	03/11/25 18:56	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/10/25 10:48	03/11/25 18:56	7440-66-6	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92779374

Sample: HAM-GWC-18 **Lab ID: 92779374019** Collected: 02/12/25 09:45 Received: 02/14/25 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**180**	mg/L	5.0	5.0	1		02/20/25 13:49		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/20/25 13:49		
Alkalinity, Total as CaCO3	**180**	mg/L	5.0	5.0	1		02/20/25 13:49		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**192**	mg/L	25.0	25.0	1		02/18/25 17:54		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville								
Sulfide	ND	mg/L	0.10	0.022	1		02/19/25 01:46	18496-25-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**0.80J**	mg/L	1.0	0.60	1		02/18/25 06:21	16887-00-6	
Fluoride	**0.14**	mg/L	0.10	0.050	1		02/18/25 06:21	16984-48-8	
Sulfate	**7.4**	mg/L	1.0	0.50	1		02/18/25 06:21	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/10/25 10:48	03/11/25 19:05	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 19:05	7440-38-2	
Barium	**0.082**	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 19:05	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/10/25 10:48	03/11/25 19:05	7440-41-7	
Boron	**0.14**	mg/L	0.040	0.0062	1	03/10/25 10:48	03/11/25 19:05	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/10/25 10:48	03/11/25 19:05	7440-43-9	
Calcium	**43.6**	mg/L	10.0	1.0	10	03/10/25 10:48	03/12/25 11:47	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 19:05	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 19:05	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 19:05	7440-50-8	
Iron	**0.023J**	mg/L	0.040	0.012	1	03/10/25 10:48	03/11/25 19:05	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/10/25 10:48	03/11/25 19:05	7439-92-1	
Magnesium	**14.2**	mg/L	0.050	0.010	1	03/10/25 10:48	03/11/25 19:05	7439-95-4	
Manganese	**0.015J**	mg/L	0.040	0.0012	1	03/10/25 10:48	03/11/25 19:05	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 19:05	7440-02-0	
Potassium	**0.56**	mg/L	0.50	0.10	1	03/10/25 10:48	03/11/25 19:05	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 19:05	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/10/25 10:48	03/11/25 19:05	7440-22-4	
Sodium	**11.6**	mg/L	1.0	0.15	1	03/10/25 10:48	03/11/25 19:05	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/10/25 10:48	03/11/25 19:05	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/10/25 10:48	03/11/25 19:05	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/10/25 10:48	03/11/25 19:05	7440-66-6	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92779374

Sample: HAM-GWC-23 **Lab ID: 92779374020** Collected: 02/12/25 10:15 Received: 02/14/25 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**146**	mg/L	5.0	5.0	1		02/20/25 13:56		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/20/25 13:56		
Alkalinity, Total as CaCO3	**146**	mg/L	5.0	5.0	1		02/20/25 13:56		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**173**	mg/L	25.0	25.0	1		02/18/25 17:54		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville								
Sulfide	ND	mg/L	0.10	0.022	1		02/19/25 01:46	18496-25-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**1.0**	mg/L	1.0	0.60	1		02/18/25 07:09	16887-00-6	
Fluoride	**0.12**	mg/L	0.10	0.050	1		02/18/25 07:09	16984-48-8	
Sulfate	**4.8**	mg/L	1.0	0.50	1		02/18/25 07:09	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/10/25 10:48	03/11/25 19:14	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 19:14	7440-38-2	
Barium	**0.068**	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 19:14	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/10/25 10:48	03/11/25 19:14	7440-41-7	
Boron	**0.019J**	mg/L	0.040	0.0062	1	03/10/25 10:48	03/11/25 19:14	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/10/25 10:48	03/11/25 19:14	7440-43-9	
Calcium	**42.8**	mg/L	10.0	1.0	10	03/10/25 10:48	03/12/25 11:56	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 19:14	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 19:14	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 19:14	7440-50-8	
Iron	**1.9**	mg/L	0.040	0.012	1	03/10/25 10:48	03/11/25 19:14	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/10/25 10:48	03/11/25 19:14	7439-92-1	
Magnesium	**10.5**	mg/L	0.050	0.010	1	03/10/25 10:48	03/11/25 19:14	7439-95-4	
Manganese	**0.051**	mg/L	0.040	0.0012	1	03/10/25 10:48	03/11/25 19:14	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 19:14	7440-02-0	
Potassium	**0.77**	mg/L	0.50	0.10	1	03/10/25 10:48	03/11/25 19:14	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 19:14	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/10/25 10:48	03/11/25 19:14	7440-22-4	
Sodium	**5.0**	mg/L	1.0	0.15	1	03/10/25 10:48	03/11/25 19:14	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/10/25 10:48	03/11/25 19:14	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/10/25 10:48	03/11/25 19:14	7440-62-2	
Zinc	**0.0029J**	mg/L	0.020	0.0025	1	03/10/25 10:48	03/11/25 19:14	7440-66-6	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92779374

Sample: HAM-HLF-EB-02 **Lab ID: 92779374021** Collected: 02/12/25 10:50 Received: 02/14/25 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	ND	mg/L	25.0	25.0	1		02/18/25 17:54		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	ND	mg/L	1.0	0.60	1		02/17/25 23:46	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/17/25 23:46	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		02/17/25 23:46	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/10/25 10:48	03/11/25 19:41	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 19:41	7440-38-2	
Barium	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 19:41	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/10/25 10:48	03/11/25 19:41	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/10/25 10:48	03/11/25 19:41	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/10/25 10:48	03/11/25 19:41	7440-43-9	
Calcium	ND	mg/L	1.0	0.10	1	03/10/25 10:48	03/11/25 19:41	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 19:41	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 19:41	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 19:41	7440-50-8	
Lead	ND	mg/L	0.0010	0.00025	1	03/10/25 10:48	03/11/25 19:41	7439-92-1	
Nickel	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 19:41	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 19:41	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/10/25 10:48	03/11/25 19:41	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00015	1	03/10/25 10:48	03/11/25 19:41	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/10/25 10:48	03/11/25 19:41	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/10/25 10:48	03/11/25 19:41	7440-66-6	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92779374

Sample: HAM-HLF-FB-02 **Lab ID: 92779374022** Collected: 02/12/25 10:45 Received: 02/14/25 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	ND	mg/L	25.0	25.0	1		02/18/25 17:54		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	ND	mg/L	1.0	0.60	1		02/18/25 00:02	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/18/25 00:02	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		02/18/25 00:02	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/10/25 10:48	03/11/25 19:50	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 19:50	7440-38-2	
Barium	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 19:50	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/10/25 10:48	03/11/25 19:50	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/10/25 10:48	03/11/25 19:50	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/10/25 10:48	03/11/25 19:50	7440-43-9	
Calcium	ND	mg/L	1.0	0.10	1	03/10/25 10:48	03/11/25 19:50	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 19:50	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 19:50	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 19:50	7440-50-8	
Lead	ND	mg/L	0.0010	0.00025	1	03/10/25 10:48	03/11/25 19:50	7439-92-1	
Nickel	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 19:50	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 19:50	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/10/25 10:48	03/11/25 19:50	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00015	1	03/10/25 10:48	03/11/25 19:50	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/10/25 10:48	03/11/25 19:50	7440-62-2	
Zinc	**0.0026J**	mg/L	0.020	0.0025	1	03/10/25 10:48	03/11/25 19:50	7440-66-6	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92779374

Sample: HAM-HLF-FD-02 **Lab ID: 92779374023** Collected: 02/12/25 00:00 Received: 02/14/25 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**325**	mg/L	25.0	25.0	1		02/18/25 17:55		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**1.5**	mg/L	1.0	0.60	1		02/18/25 15:36	16887-00-6	
Fluoride	**0.093J**	mg/L	0.10	0.050	1		02/18/25 15:36	16984-48-8	
Sulfate	**99.1**	mg/L	1.0	0.50	1		02/18/25 15:36	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/10/25 10:48	03/11/25 20:17	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 20:17	7440-38-2	
Barium	**0.15**	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 20:17	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/10/25 10:48	03/11/25 20:17	7440-41-7	
Boron	**0.043**	mg/L	0.040	0.0062	1	03/10/25 10:48	03/11/25 20:17	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/10/25 10:48	03/11/25 20:17	7440-43-9	
Calcium	**69.6**	mg/L	10.0	1.0	10	03/10/25 10:48	03/12/25 12:23	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 20:17	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 20:17	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 20:17	7440-50-8	
Lead	ND	mg/L	0.0010	0.00025	1	03/10/25 10:48	03/11/25 20:17	7439-92-1	
Nickel	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 20:17	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0012	1	03/10/25 10:48	03/11/25 20:17	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/10/25 10:48	03/11/25 20:17	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00015	1	03/10/25 10:48	03/11/25 20:17	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/10/25 10:48	03/11/25 20:17	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/10/25 10:48	03/11/25 20:17	7440-66-6	

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QUALITY CONTROL DATA

Project: Huffaker Road Landfill
Pace Project No.: 92779374

QC Batch: 917434
QC Batch Method: SM 2320B-2011
Analysis Method: SM 2320B-2011
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92779374001, 92779374002, 92779374003, 92779374004, 92779374005, 92779374006, 92779374007, 92779374008, 92779374009, 92779374010, 92779374011, 92779374012

METHOD BLANK: 4715275 Matrix: Water
Associated Lab Samples: 92779374001, 92779374002, 92779374003, 92779374004, 92779374005, 92779374006, 92779374007, 92779374008, 92779374009, 92779374010, 92779374011, 92779374012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	5.0	02/20/25 18:38	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	5.0	5.0	02/20/25 18:38	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	5.0	5.0	02/20/25 18:38	

LABORATORY CONTROL SAMPLE: 4715276

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	47.2	94	80-120	

LABORATORY CONTROL SAMPLE: 4715277

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	50.8	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4715278 4715279

Parameter	Units	92779138010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	71.0	50	50	119	118	95	94	80-120	0	25	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4715280 4715281

Parameter	Units	92779138011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	188	50	50	222	245	68	114	80-120	10	25	M1

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QUALITY CONTROL DATA

Project: Huffaker Road Landfill
Pace Project No.: 92779374

QC Batch: 917443
QC Batch Method: SM 2320B-2011
Analysis Method: SM 2320B-2011
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92779374016, 92779374017, 92779374018, 92779374019, 92779374020

METHOD BLANK: 4715340 Matrix: Water
Associated Lab Samples: 92779374016, 92779374017, 92779374018, 92779374019, 92779374020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	5.0	02/20/25 11:31	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	5.0	5.0	02/20/25 11:31	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	5.0	5.0	02/20/25 11:31	

LABORATORY CONTROL SAMPLE: 4715341

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	51.4	103	80-120	

LABORATORY CONTROL SAMPLE: 4715342

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	52.6	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4715343 4715344

Parameter	Units	92778538048 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	102	50	50	148	148	91	92	80-120	0	25	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4715345 4715346

Parameter	Units	92778538049 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	166	50	50	208	211	83	90	80-120	2	25	

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QUALITY CONTROL DATA

Project: Huffaker Road Landfill
Pace Project No.: 92779374

QC Batch: 916401
QC Batch Method: SM 2540C-2015
Analysis Method: SM 2540C-2015
Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92779374001, 92779374002, 92779374003, 92779374004, 92779374005, 92779374006, 92779374007, 92779374008, 92779374009, 92779374010, 92779374011, 92779374012, 92779374013, 92779374014, 92779374015

METHOD BLANK: 4709997 Matrix: Water
Associated Lab Samples: 92779374001, 92779374002, 92779374003, 92779374004, 92779374005, 92779374006, 92779374007, 92779374008, 92779374009, 92779374010, 92779374011, 92779374012, 92779374013, 92779374014, 92779374015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	25.0	02/14/25 18:28	

LABORATORY CONTROL SAMPLE: 4709998

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	250	262	105	90-110	

SAMPLE DUPLICATE: 4709999

Parameter	Units	92778909015 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	850	849	0	25	

SAMPLE DUPLICATE: 4710000

Parameter	Units	92779374010 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	291	300	3	25	

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QUALITY CONTROL DATA

Project: Huffaker Road Landfill
Pace Project No.: 92779374

QC Batch: 917008
QC Batch Method: SM 2540C-2015
Analysis Method: SM 2540C-2015
Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92779374016, 92779374017

METHOD BLANK: 4712784 Matrix: Water
Associated Lab Samples: 92779374016, 92779374017

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	25.0	02/18/25 18:05	

LABORATORY CONTROL SAMPLE: 4712785

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	250	240	96	90-110	

SAMPLE DUPLICATE: 4712786

Parameter	Units	92778909017 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	722	719	0	25	

SAMPLE DUPLICATE: 4712787

Parameter	Units	92778171039 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	840	832	1	25	

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QUALITY CONTROL DATA

Project: Huffaker Road Landfill
Pace Project No.: 92779374

QC Batch: 917012 | Analysis Method: SM 2540C-2015
QC Batch Method: SM 2540C-2015 | Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92779374018, 92779374019, 92779374020, 92779374021, 92779374022, 92779374023

METHOD BLANK: 4712793 Matrix: Water
Associated Lab Samples: 92779374018, 92779374019, 92779374020, 92779374021, 92779374022, 92779374023

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	25.0	02/18/25 17:54	

LABORATORY CONTROL SAMPLE: 4712794

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	250	244	98	90-110	

SAMPLE DUPLICATE: 4712795

Parameter	Units	92779374018 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	341	348	2	25	

SAMPLE DUPLICATE: 4712796

Parameter	Units	92779989003 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	273	273	0	25	

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QUALITY CONTROL DATA

Project: Huffaker Road Landfill
Pace Project No.: 92779374

QC Batch: 916196
QC Batch Method: SM 4500-S2D-2011
Analysis Method: SM 4500-S2D-2011
Analysis Description: 4500S2D Sulfide Water
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92779374001, 92779374002, 92779374003, 92779374004, 92779374005, 92779374006, 92779374007, 92779374008, 92779374009

METHOD BLANK: 4708974 Matrix: Water
Associated Lab Samples: 92779374001, 92779374002, 92779374003, 92779374004, 92779374005, 92779374006, 92779374007, 92779374008, 92779374009

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Sulfide	mg/L	ND	0.10	0.022	02/14/25 06:18	

LABORATORY CONTROL SAMPLE: 4708975

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4708976 4708977

Parameter	Units	92779374002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfide	mg/L	ND	0.5	0.5	0.50	0.53	100	106	80-120	6	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4708978 4708979

Parameter	Units	92779374009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfide	mg/L	ND	0.5	0.5	0.51	0.52	101	105	80-120	3	10	

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QUALITY CONTROL DATA

Project: Huffaker Road Landfill
Pace Project No.: 92779374

QC Batch: 916199
QC Batch Method: SM 4500-S2D-2011
Analysis Method: SM 4500-S2D-2011
Analysis Description: 4500S2D Sulfide Water
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92779374010, 92779374011, 92779374012

METHOD BLANK: 4708988 Matrix: Water
Associated Lab Samples: 92779374010, 92779374011, 92779374012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Sulfide	mg/L	ND	0.10	0.022	02/14/25 06:31	

LABORATORY CONTROL SAMPLE: 4708989

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	0.5	0.55	109	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4708990 4708991

Parameter	Units	92779374010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfide	mg/L	ND	0.5	0.5	0.52	0.53	104	106	80-120	2	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4708992 4708993

Parameter	Units	92779657002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfide	mg/L	ND	0.5	0.5	0.44	0.44	88	89	80-120	1	10	

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QUALITY CONTROL DATA

Project: Huffaker Road Landfill
Pace Project No.: 92779374

QC Batch: 916812 | Analysis Method: SM 4500-S2D-2011
QC Batch Method: SM 4500-S2D-2011 | Analysis Description: 4500S2D Sulfide Water
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92779374016, 92779374017, 92779374018, 92779374019, 92779374020

METHOD BLANK: 4711805 Matrix: Water
Associated Lab Samples: 92779374016, 92779374017, 92779374018, 92779374019, 92779374020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Sulfide	mg/L	ND	0.10	0.022	02/19/25 01:43	

LABORATORY CONTROL SAMPLE: 4711806

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	0.5	0.55	109	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4711807 4711808

Parameter	Units	92779374016 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfide	mg/L	ND	0.5	0.5	0.55	0.55	110	110	80-120	0	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4711809 4711810

Parameter	Units	92779989003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfide	mg/L	0.025J	0.5	0.5	0.55	0.57	104	109	80-120	4	10	

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QUALITY CONTROL DATA

Project: Huffaker Road Landfill
Pace Project No.: 92779374

QC Batch: 915899
QC Batch Method: EPA 300.0 Rev 2.1 1993
Analysis Method: EPA 300.0 Rev 2.1 1993
Analysis Description: 300.0 IC Anions
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92779374001, 92779374002, 92779374003, 92779374004, 92779374005, 92779374006, 92779374007, 92779374008, 92779374009, 92779374010, 92779374011, 92779374012, 92779374013, 92779374014, 92779374015

METHOD BLANK: 4707330 Matrix: Water
Associated Lab Samples: 92779374001, 92779374002, 92779374003, 92779374004, 92779374005, 92779374006, 92779374007, 92779374008, 92779374009, 92779374010, 92779374011, 92779374012, 92779374013, 92779374014, 92779374015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	02/13/25 17:16	
Fluoride	mg/L	ND	0.10	0.050	02/13/25 17:16	
Sulfate	mg/L	ND	1.0	0.50	02/13/25 17:16	

LABORATORY CONTROL SAMPLE: 4707331

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	50.2	100	90-110	
Fluoride	mg/L	2.5	2.6	104	90-110	
Sulfate	mg/L	50	50.5	101	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4707332 4707333

Parameter	Units	92778760001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	14.0	50	50	62.8	64.5	98	101	90-110	3	10	
Fluoride	mg/L	ND	2.5	2.5	2.5	2.5	94	96	90-110	2	10	
Sulfate	mg/L	18.4	50	50	67.0	68.8	97	101	90-110	3	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4707334 4707335

Parameter	Units	92779374008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	1.3	50	50	51.6	52.1	101	101	90-110	1	10	
Fluoride	mg/L	0.072J	2.5	2.5	2.5	2.5	96	96	90-110	0	10	
Sulfate	mg/L	10.5	50	50	60.5	61.2	100	101	90-110	1	10	

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QUALITY CONTROL DATA

Project: Huffaker Road Landfill
Pace Project No.: 92779374

QC Batch: 916737
QC Batch Method: EPA 300.0 Rev 2.1 1993
Analysis Method: EPA 300.0 Rev 2.1 1993
Analysis Description: 300.0 IC Anions
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92779374016, 92779374017, 92779374018, 92779374019, 92779374020, 92779374021, 92779374022

METHOD BLANK: 4711391 Matrix: Water
Associated Lab Samples: 92779374016, 92779374017, 92779374018, 92779374019, 92779374020, 92779374021, 92779374022

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	02/17/25 22:27	
Fluoride	mg/L	ND	0.10	0.050	02/17/25 22:27	
Sulfate	mg/L	ND	1.0	0.50	02/17/25 22:27	

LABORATORY CONTROL SAMPLE: 4711392

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	51.0	102	90-110	
Fluoride	mg/L	2.5	2.5	101	90-110	
Sulfate	mg/L	50	51.1	102	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4711393 4711394

Parameter	Units	92779991001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	3.5	50	50	53.2	54.8	100	103	90-110	3	10	
Fluoride	mg/L	2.4	2.5	2.5	5.0	3.9	105	60	90-110	26	10	M1,R1
Sulfate	mg/L	85.5	50	50	110	111	49	52	90-110	1	10	M1

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4711395 4711396

Parameter	Units	92779374019 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	0.80J	50	50	52.9	52.4	104	103	90-110	1	10	
Fluoride	mg/L	0.14	2.5	2.5	2.8	2.8	108	108	90-110	0	10	
Sulfate	mg/L	7.4	50	50	60.3	59.7	106	105	90-110	1	10	

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QUALITY CONTROL DATA

Project: Huffaker Road Landfill
Pace Project No.: 92779374

QC Batch: 916738
QC Batch Method: EPA 300.0 Rev 2.1 1993
Analysis Method: EPA 300.0 Rev 2.1 1993
Analysis Description: 300.0 IC Anions
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92779374023

METHOD BLANK: 4711421 Matrix: Water
Associated Lab Samples: 92779374023

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	02/17/25 22:58	
Fluoride	mg/L	ND	0.10	0.050	02/17/25 22:58	
Sulfate	mg/L	ND	1.0	0.50	02/17/25 22:58	

LABORATORY CONTROL SAMPLE: 4711422

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	50.3	101	90-110	
Fluoride	mg/L	2.5	2.5	99	90-110	
Sulfate	mg/L	50	50.4	101	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4711423 4711424

Parameter	Units	92779977001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	11.7	50	50	63.0	64.7	103	106	90-110	3	10	
Fluoride	mg/L	0.30	2.5	2.5	3.1	3.2	111	116	90-110	4	10	M1
Sulfate	mg/L	155	50	50	190	191	70	70	90-110	0	10	M1

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4711425 4711426

Parameter	Units	92779987003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	2.8	50	50	53.8	56.7	102	108	90-110	5	10	
Fluoride	mg/L	0.093J	2.5	2.5	2.7	2.9	105	112	90-110	6	10	M1
Sulfate	mg/L	1.1	50	50	52.1	55.1	102	108	90-110	5	10	

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QUALITY CONTROL DATA

Project: Huffaker Road Landfill
Pace Project No.: 92779374

QC Batch: 921051
QC Batch Method: EPA 3005A
Analysis Method: EPA 6020B
Analysis Description: WC 6020B MET
Laboratory: Pace Analytical Services - West Columbia
Associated Lab Samples: 92779374001, 92779374002, 92779374003, 92779374004, 92779374005, 92779374006, 92779374007, 92779374008, 92779374009, 92779374010, 92779374011, 92779374012

METHOD BLANK: 4732980 Matrix: Water
Associated Lab Samples: 92779374001, 92779374002, 92779374003, 92779374004, 92779374005, 92779374006, 92779374007, 92779374008, 92779374009, 92779374010, 92779374011, 92779374012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	mg/L	ND	0.0030	0.00050	03/13/25 12:20	
Arsenic	mg/L	ND	0.0050	0.0012	03/13/25 12:20	
Barium	mg/L	ND	0.0050	0.0012	03/13/25 12:20	
Beryllium	mg/L	ND	0.00050	0.00015	03/13/25 12:20	
Boron	mg/L	ND	0.040	0.0062	03/16/25 16:14	
Cadmium	mg/L	ND	0.00050	0.00012	03/13/25 12:20	
Calcium	mg/L	ND	1.0	0.10	03/13/25 12:20	
Chromium	mg/L	ND	0.0050	0.0012	03/13/25 12:20	
Cobalt	mg/L	ND	0.0050	0.0012	03/13/25 12:20	
Copper	mg/L	ND	0.0050	0.0012	03/13/25 12:20	
Iron	mg/L	ND	0.040	0.012	03/13/25 12:20	
Lead	mg/L	ND	0.0010	0.00025	03/13/25 12:20	
Magnesium	mg/L	ND	0.050	0.010	03/13/25 12:20	
Manganese	mg/L	ND	0.040	0.0012	03/13/25 12:20	
Nickel	mg/L	ND	0.0050	0.0012	03/13/25 12:20	
Potassium	mg/L	ND	0.50	0.10	03/13/25 12:20	
Selenium	mg/L	ND	0.0050	0.0012	03/13/25 12:20	
Silver	mg/L	ND	0.0050	0.00025	03/13/25 12:20	
Sodium	mg/L	ND	1.0	0.15	03/13/25 12:20	
Thallium	mg/L	ND	0.0010	0.00015	03/13/25 12:20	
Vanadium	mg/L	ND	0.010	0.0025	03/13/25 12:20	
Zinc	mg/L	ND	0.020	0.0025	03/13/25 12:20	

LABORATORY CONTROL SAMPLE: 4732981

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	mg/L	0.1	0.10	103	80-120	
Arsenic	mg/L	0.1	0.10	104	80-120	
Barium	mg/L	0.1	0.10	102	80-120	
Beryllium	mg/L	0.1	0.10	101	80-120	
Boron	mg/L	0.1	0.10	100	80-120	
Cadmium	mg/L	0.1	0.10	103	80-120	
Calcium	mg/L	1	1.1	105	80-120	
Chromium	mg/L	0.1	0.11	106	80-120	
Cobalt	mg/L	0.1	0.11	110	80-120	
Copper	mg/L	0.1	0.11	106	80-120	
Iron	mg/L	1	1.1	106	80-120	

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QUALITY CONTROL DATA

Project: Huffaker Road Landfill
Pace Project No.: 92779374

LABORATORY CONTROL SAMPLE: 4732981

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	mg/L	0.1	0.10	105	80-120	
Magnesium	mg/L	1	1.0	104	80-120	
Manganese	mg/L	0.1	0.11	106	80-120	
Nickel	mg/L	0.1	0.11	107	80-120	
Potassium	mg/L	1	1.1	105	80-120	
Selenium	mg/L	0.1	0.10	104	80-120	
Silver	mg/L	0.1	0.10	104	80-120	
Sodium	mg/L	1	1.0	101	80-120	
Thallium	mg/L	0.1	0.11	108	80-120	
Vanadium	mg/L	0.1	0.10	104	80-120	
Zinc	mg/L	0.1	0.11	108	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4732982 4732983

Parameter	Units	92779374001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	mg/L	ND	0.1	0.1	0.10	0.10	102	101	75-125	1	20	
Arsenic	mg/L	ND	0.1	0.1	0.10	0.10	103	101	75-125	1	20	
Barium	mg/L	0.033	0.1	0.1	0.13	0.13	101	100	75-125	1	20	
Beryllium	mg/L	ND	0.1	0.1	0.10	0.099	100	99	75-125	0	20	
Boron	mg/L	0.019J	0.1	0.1	0.12	0.13	102	108	75-125	5	20	
Cadmium	mg/L	ND	0.1	0.1	0.10	0.10	101	103	75-125	2	20	
Calcium	mg/L	14.1	1	1	15.5	15.2	143	116	75-125	2	20	M1
Chromium	mg/L	ND	0.1	0.1	0.10	0.10	103	103	75-125	1	20	
Cobalt	mg/L	ND	0.1	0.1	0.11	0.11	108	107	75-125	1	20	
Copper	mg/L	ND	0.1	0.1	0.11	0.11	106	108	75-125	1	20	
Iron	mg/L	2.4	1	1	3.5	3.4	108	107	75-125	0	20	
Lead	mg/L	ND	0.1	0.1	0.10	0.11	104	107	75-125	3	20	
Magnesium	mg/L	5.5	1	1	6.6	6.5	109	102	75-125	1	20	
Manganese	mg/L	0.20	0.1	0.1	0.30	0.31	105	106	75-125	0	20	
Nickel	mg/L	ND	0.1	0.1	0.11	0.11	105	104	75-125	1	20	
Potassium	mg/L	0.35J	1	1	1.4	1.4	104	104	75-125	1	20	
Selenium	mg/L	ND	0.1	0.1	0.11	0.11	105	106	75-125	1	20	
Silver	mg/L	ND	0.1	0.1	0.10	0.10	101	103	75-125	2	20	
Sodium	mg/L	4.0	1	1	5.1	5.1	109	105	75-125	1	20	
Thallium	mg/L	ND	0.1	0.1	0.11	0.11	107	107	75-125	0	20	
Vanadium	mg/L	ND	0.1	0.1	0.10	0.10	102	103	75-125	0	20	
Zinc	mg/L	ND	0.1	0.1	0.11	0.11	109	107	75-125	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4732984 4732985

Parameter	Units	92779374002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	mg/L	ND	0.1	0.1	0.10	0.10	104	103	75-125	1	20	

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QUALITY CONTROL DATA

Project: Huffaker Road Landfill
Pace Project No.: 92779374

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4732984 4732985

Parameter	Units	92779374002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/L	ND	0.1	0.1	0.11	0.10	106	104	75-125	2	20	
Barium	mg/L	0.20	0.1	0.1	0.31	0.30	105	99	75-125	2	20	
Beryllium	mg/L	ND	0.1	0.1	0.099	0.099	99	99	75-125	0	20	
Boron	mg/L	0.094	0.1	0.1	0.20	0.20	102	102	75-125	0	20	
Cadmium	mg/L	ND	0.1	0.1	0.10	0.10	103	101	75-125	2	20	
Calcium	mg/L	57.2	1	1	57.6	58.0	38	76	75-125	1	20	M1
Chromium	mg/L	ND	0.1	0.1	0.10	0.10	103	102	75-125	2	20	
Cobalt	mg/L	ND	0.1	0.1	0.11	0.11	106	106	75-125	0	20	
Copper	mg/L	ND	0.1	0.1	0.11	0.11	108	106	75-125	2	20	
Iron	mg/L	2.7	1	1	3.8	3.7	109	102	75-125	2	20	
Lead	mg/L	ND	0.1	0.1	0.11	0.10	106	103	75-125	2	20	
Magnesium	mg/L	21.7	1	1	22.4	22.2	69	44	75-125	1	20	M1
Manganese	mg/L	0.22	0.1	0.1	0.32	0.32	102	101	75-125	0	20	
Nickel	mg/L	ND	0.1	0.1	0.11	0.10	105	104	75-125	1	20	
Potassium	mg/L	0.60	1	1	1.7	1.6	106	101	75-125	3	20	
Selenium	mg/L	ND	0.1	0.1	0.11	0.10	106	103	75-125	3	20	
Silver	mg/L	ND	0.1	0.1	0.10	0.099	102	99	75-125	3	20	
Sodium	mg/L	12.8	1	1	13.8	13.5	101	77	75-125	2	20	
Thallium	mg/L	ND	0.1	0.1	0.11	0.11	106	107	75-125	1	20	
Vanadium	mg/L	ND	0.1	0.1	0.10	0.10	103	102	75-125	2	20	
Zinc	mg/L	ND	0.1	0.1	0.11	0.11	111	107	75-125	3	20	

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QUALITY CONTROL DATA

Project: Huffaker Road Landfill
Pace Project No.: 92779374

QC Batch: 921052
QC Batch Method: EPA 3005A
Analysis Method: EPA 6020B
Analysis Description: WC 6020B MET
Laboratory: Pace Analytical Services - West Columbia
Associated Lab Samples: 92779374013, 92779374014, 92779374015, 92779374016, 92779374017, 92779374018, 92779374019, 92779374020, 92779374021, 92779374022, 92779374023

METHOD BLANK: 4732986 Matrix: Water
Associated Lab Samples: 92779374013, 92779374014, 92779374015, 92779374016, 92779374017, 92779374018, 92779374019, 92779374020, 92779374021, 92779374022, 92779374023

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	mg/L	ND	0.0030	0.00050	03/11/25 17:53	
Arsenic	mg/L	ND	0.0050	0.0012	03/11/25 17:53	
Barium	mg/L	ND	0.0050	0.0012	03/11/25 17:53	
Beryllium	mg/L	ND	0.00050	0.00015	03/11/25 17:53	
Boron	mg/L	ND	0.040	0.0062	03/11/25 17:53	
Cadmium	mg/L	ND	0.00050	0.00012	03/11/25 17:53	
Calcium	mg/L	ND	1.0	0.10	03/11/25 17:53	
Chromium	mg/L	ND	0.0050	0.0012	03/11/25 17:53	
Cobalt	mg/L	ND	0.0050	0.0012	03/11/25 17:53	
Copper	mg/L	ND	0.0050	0.0012	03/11/25 17:53	
Iron	mg/L	ND	0.040	0.012	03/11/25 17:53	
Lead	mg/L	ND	0.0010	0.00025	03/11/25 17:53	
Magnesium	mg/L	ND	0.050	0.010	03/11/25 17:53	
Manganese	mg/L	ND	0.040	0.0012	03/11/25 17:53	
Nickel	mg/L	ND	0.0050	0.0012	03/11/25 17:53	
Potassium	mg/L	ND	0.50	0.10	03/11/25 17:53	
Selenium	mg/L	ND	0.0050	0.0012	03/11/25 17:53	
Silver	mg/L	ND	0.0050	0.00025	03/11/25 17:53	
Sodium	mg/L	ND	1.0	0.15	03/11/25 17:53	
Thallium	mg/L	ND	0.0010	0.00015	03/11/25 17:53	
Vanadium	mg/L	ND	0.010	0.0025	03/11/25 17:53	
Zinc	mg/L	ND	0.020	0.0025	03/11/25 17:53	

LABORATORY CONTROL SAMPLE: 4732987

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	mg/L	0.1	0.097	97	80-120	
Arsenic	mg/L	0.1	0.093	93	80-120	
Barium	mg/L	0.1	0.10	100	80-120	
Beryllium	mg/L	0.1	0.097	97	80-120	
Boron	mg/L	0.1	0.097	97	80-120	
Cadmium	mg/L	0.1	0.097	97	80-120	
Calcium	mg/L	1	1.2	116	80-120	
Chromium	mg/L	0.1	0.10	103	80-120	
Cobalt	mg/L	0.1	0.10	103	80-120	
Copper	mg/L	0.1	0.11	111	80-120	
Iron	mg/L	1	1.1	106	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

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Huffaker Road Landfill
Pace Project No.: 92779374

LABORATORY CONTROL SAMPLE: 4732987

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	mg/L	0.1	0.10	101	80-120	
Magnesium	mg/L	1	1.1	106	80-120	
Manganese	mg/L	0.1	0.12	120	80-120	
Nickel	mg/L	0.1	0.11	108	80-120	
Potassium	mg/L	1	1.0	105	80-120	
Selenium	mg/L	0.1	0.092	92	80-120	
Silver	mg/L	0.1	0.10	103	80-120	
Sodium	mg/L	1	1.0	104	80-120	
Thallium	mg/L	0.1	0.10	104	80-120	
Vanadium	mg/L	0.1	0.10	103	80-120	
Zinc	mg/L	0.1	0.095	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4732988 4732989

Parameter	Units	92779985006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	mg/L	ND	0.1	0.1	0.099	0.098	99	98	75-125	1	20	
Arsenic	mg/L	ND	0.1	0.1	0.090	0.088	90	88	75-125	2	20	
Barium	mg/L	0.038	0.1	0.1	0.14	0.14	105	104	75-125	1	20	
Beryllium	mg/L	ND	0.1	0.1	0.096	0.096	96	96	75-125	0	20	
Boron	mg/L	1.5	0.1	0.1	1.6	1.6	134	137	75-125	0	20	M1
Cadmium	mg/L	ND	0.1	0.1	0.098	0.097	98	97	75-125	1	20	
Calcium	mg/L	169	1	1	167	163	-154	-590	75-125	3	20	M1
Chromium	mg/L	ND	0.1	0.1	0.096	0.095	95	95	75-125	0	20	
Cobalt	mg/L	0.0030J	0.1	0.1	0.096	0.095	94	92	75-125	1	20	
Copper	mg/L	ND	0.1	0.1	0.090	0.087	90	87	75-125	3	20	
Iron	mg/L	0.056	1	1	1.0	1.0	98	97	75-125	1	20	
Lead	mg/L	ND	0.1	0.1	0.094	0.093	94	93	75-125	1	20	
Magnesium	mg/L	24.9	1	1	25.8	25.9	86	100	75-125	1	20	
Manganese	mg/L	0.93	0.1	0.1	1.0	1.0	109	97	75-125	1	20	
Nickel	mg/L	0.0018J	0.1	0.1	0.094	0.092	92	90	75-125	2	20	
Potassium	mg/L	3.7	1	1	4.8	4.8	102	108	75-125	1	20	
Selenium	mg/L	ND	0.1	0.1	0.084	0.084	83	84	75-125	0	20	
Silver	mg/L	ND	0.1	0.1	0.097	0.095	97	95	75-125	2	20	
Sodium	mg/L	10.4	1	1	11.7	11.9	126	149	75-125	2	20	M1
Thallium	mg/L	ND	0.1	0.1	0.099	0.099	99	99	75-125	0	20	
Vanadium	mg/L	ND	0.1	0.1	0.098	0.099	98	99	75-125	0	20	
Zinc	mg/L	ND	0.1	0.1	0.083	0.081	82	80	75-125	3	20	

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REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: Huffaker Road Landfill
Pace Project No.: 92779374

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.
R1	RPD value was outside control limits.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Huffaker Road Landfill
Pace Project No.: 92779374

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92779374001	**HAM-GWA-1**	SM 2320B-2011	917434		
92779374002	**HAM-GWA-2**	SM 2320B-2011	917434		
92779374003	**HAM-GWA-3**	SM 2320B-2011	917434		
92779374004	**HAM-GWA-4**	SM 2320B-2011	917434		
92779374005	**HAM-GWA-11**	SM 2320B-2011	917434		
92779374006	**HAM-GWC-5**	SM 2320B-2011	917434		
92779374007	**HAM-GWC-9**	SM 2320B-2011	917434		
92779374008	**HAM-GWC-10**	SM 2320B-2011	917434		
92779374009	**HAM-HLF-GWC-19**	SM 2320B-2011	917434		
92779374010	**HAM-GWC-20**	SM 2320B-2011	917434		
92779374011	**HAM-GWC-21**	SM 2320B-2011	917434		
92779374012	**HAM-GWC-22**	SM 2320B-2011	917434		
92779374016	**HAM-HLF-GWC-6**	SM 2320B-2011	917443		
92779374017	**HAM-GWC-7**	SM 2320B-2011	917443		
92779374018	**HAM-HLF-GWC-8**	SM 2320B-2011	917443		
92779374019	**HAM-GWC-18**	SM 2320B-2011	917443		
92779374020	**HAM-GWC-23**	SM 2320B-2011	917443		
92779374001	**HAM-GWA-1**	SM 2540C-2015	916401		
92779374002	**HAM-GWA-2**	SM 2540C-2015	916401		
92779374003	**HAM-GWA-3**	SM 2540C-2015	916401		
92779374004	**HAM-GWA-4**	SM 2540C-2015	916401		
92779374005	**HAM-GWA-11**	SM 2540C-2015	916401		
92779374006	**HAM-GWC-5**	SM 2540C-2015	916401		
92779374007	**HAM-GWC-9**	SM 2540C-2015	916401		
92779374008	**HAM-GWC-10**	SM 2540C-2015	916401		
92779374009	**HAM-HLF-GWC-19**	SM 2540C-2015	916401		
92779374010	**HAM-GWC-20**	SM 2540C-2015	916401		
92779374011	**HAM-GWC-21**	SM 2540C-2015	916401		
92779374012	**HAM-GWC-22**	SM 2540C-2015	916401		
92779374013	**HAM-HLF-FD-01**	SM 2540C-2015	916401		
92779374014	**HAM-HLF-EB-01**	SM 2540C-2015	916401		
92779374015	**HAM-HLF-FB-01**	SM 2540C-2015	916401		
92779374016	**HAM-HLF-GWC-6**	SM 2540C-2015	917008		
92779374017	**HAM-GWC-7**	SM 2540C-2015	917008		
92779374018	**HAM-HLF-GWC-8**	SM 2540C-2015	917012		
92779374019	**HAM-GWC-18**	SM 2540C-2015	917012		
92779374020	**HAM-GWC-23**	SM 2540C-2015	917012		
92779374021	**HAM-HLF-EB-02**	SM 2540C-2015	917012		
92779374022	**HAM-HLF-FB-02**	SM 2540C-2015	917012		
92779374023	**HAM-HLF-FD-02**	SM 2540C-2015	917012		
92779374001	**HAM-GWA-1**	SM 4500-S2D-2011	916196		
92779374002	**HAM-GWA-2**	SM 4500-S2D-2011	916196		
92779374003	**HAM-GWA-3**	SM 4500-S2D-2011	916196		
92779374004	**HAM-GWA-4**	SM 4500-S2D-2011	916196		
92779374005	**HAM-GWA-11**	SM 4500-S2D-2011	916196		
92779374006	**HAM-GWC-5**	SM 4500-S2D-2011	916196		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Huffaker Road Landfill
Pace Project No.: 92779374

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92779374007	**HAM-GWC-9**	SM 4500-S2D-2011	916196		
92779374008	**HAM-GWC-10**	SM 4500-S2D-2011	916196		
92779374009	**HAM-HLF-GWC-19**	SM 4500-S2D-2011	916196		
92779374010	**HAM-GWC-20**	SM 4500-S2D-2011	916199		
92779374011	**HAM-GWC-21**	SM 4500-S2D-2011	916199		
92779374012	**HAM-GWC-22**	SM 4500-S2D-2011	916199		
92779374016	**HAM-HLF-GWC-6**	SM 4500-S2D-2011	916812		
92779374017	**HAM-GWC-7**	SM 4500-S2D-2011	916812		
92779374018	**HAM-HLF-GWC-8**	SM 4500-S2D-2011	916812		
92779374019	**HAM-GWC-18**	SM 4500-S2D-2011	916812		
92779374020	**HAM-GWC-23**	SM 4500-S2D-2011	916812		
92779374001	**HAM-GWA-1**	EPA 300.0 Rev 2.1 1993	915899		
92779374002	**HAM-GWA-2**	EPA 300.0 Rev 2.1 1993	915899		
92779374003	**HAM-GWA-3**	EPA 300.0 Rev 2.1 1993	915899		
92779374004	**HAM-GWA-4**	EPA 300.0 Rev 2.1 1993	915899		
92779374005	**HAM-GWA-11**	EPA 300.0 Rev 2.1 1993	915899		
92779374006	**HAM-GWC-5**	EPA 300.0 Rev 2.1 1993	915899		
92779374007	**HAM-GWC-9**	EPA 300.0 Rev 2.1 1993	915899		
92779374008	**HAM-GWC-10**	EPA 300.0 Rev 2.1 1993	915899		
92779374009	**HAM-HLF-GWC-19**	EPA 300.0 Rev 2.1 1993	915899		
92779374010	**HAM-GWC-20**	EPA 300.0 Rev 2.1 1993	915899		
92779374011	**HAM-GWC-21**	EPA 300.0 Rev 2.1 1993	915899		
92779374012	**HAM-GWC-22**	EPA 300.0 Rev 2.1 1993	915899		
92779374013	**HAM-HLF-FD-01**	EPA 300.0 Rev 2.1 1993	915899		
92779374014	**HAM-HLF-EB-01**	EPA 300.0 Rev 2.1 1993	915899		
92779374015	**HAM-HLF-FB-01**	EPA 300.0 Rev 2.1 1993	915899		
92779374016	**HAM-HLF-GWC-6**	EPA 300.0 Rev 2.1 1993	916737		
92779374017	**HAM-GWC-7**	EPA 300.0 Rev 2.1 1993	916737		
92779374018	**HAM-HLF-GWC-8**	EPA 300.0 Rev 2.1 1993	916737		
92779374019	**HAM-GWC-18**	EPA 300.0 Rev 2.1 1993	916737		
92779374020	**HAM-GWC-23**	EPA 300.0 Rev 2.1 1993	916737		
92779374021	**HAM-HLF-EB-02**	EPA 300.0 Rev 2.1 1993	916737		
92779374022	**HAM-HLF-FB-02**	EPA 300.0 Rev 2.1 1993	916737		
92779374023	**HAM-HLF-FD-02**	EPA 300.0 Rev 2.1 1993	916738		
92779374001	**HAM-GWA-1**	EPA 3005A	921051	EPA 6020B	922317
92779374002	**HAM-GWA-2**	EPA 3005A	921051	EPA 6020B	922317
92779374003	**HAM-GWA-3**	EPA 3005A	921051	EPA 6020B	922317
92779374004	**HAM-GWA-4**	EPA 3005A	921051	EPA 6020B	922317
92779374005	**HAM-GWA-11**	EPA 3005A	921051	EPA 6020B	922317
92779374006	**HAM-GWC-5**	EPA 3005A	921051	EPA 6020B	922317
92779374007	**HAM-GWC-9**	EPA 3005A	921051	EPA 6020B	922317
92779374008	**HAM-GWC-10**	EPA 3005A	921051	EPA 6020B	922317
92779374009	**HAM-HLF-GWC-19**	EPA 3005A	921051	EPA 6020B	922317
92779374010	**HAM-GWC-20**	EPA 3005A	921051	EPA 6020B	922317
92779374011	**HAM-GWC-21**	EPA 3005A	921051	EPA 6020B	922317
92779374012	**HAM-GWC-22**	EPA 3005A	921051	EPA 6020B	922317

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Huffaker Road Landfill
Pace Project No.: 92779374

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92779374013	**HAM-HLF-FD-01**	EPA 3005A	921052	EPA 6020B	921508
92779374014	**HAM-HLF-EB-01**	EPA 3005A	921052	EPA 6020B	921508
92779374015	**HAM-HLF-FB-01**	EPA 3005A	921052	EPA 6020B	921508
92779374016	**HAM-HLF-GWC-6**	EPA 3005A	921052	EPA 6020B	921508
92779374017	**HAM-GWC-7**	EPA 3005A	921052	EPA 6020B	921508
92779374018	**HAM-HLF-GWC-8**	EPA 3005A	921052	EPA 6020B	921508
92779374019	**HAM-GWC-18**	EPA 3005A	921052	EPA 6020B	921508
92779374020	**HAM-GWC-23**	EPA 3005A	921052	EPA 6020B	921508
92779374021	**HAM-HLF-EB-02**	EPA 3005A	921052	EPA 6020B	921508
92779374022	**HAM-HLF-FB-02**	EPA 3005A	921052	EPA 6020B	921508
92779374023	**HAM-HLF-FD-02**	EPA 3005A	921052	EPA 6020B	921508

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

Effective Date: 05/24/2024

Laboratory receiving samples:
Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐ Atlanta ☑ Kernersville ☐

Sample Condition Upon Receipt

Client Name: GA Power

Project #:

WO# : 92779374

92779374

Courier: ☐ Commercial ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☑ Pace ☐ Other:____

Custody Seal Present? ☑ Yes ☐ No Seals Intact? ☑ Yes ☐ No ☐ N/A

Date/Initials Person Examining Contents: 7/11/25 SCA

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

Biological Tissue Frozen? ☐ Yes ☐ No ☑ N/A

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

Cooler Temp: 3.1 Correction Factor: Add/Subtract (°C) 0.1

Cooler Temp Corrected (°C): 3.2

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

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

WO#: 92779374

PM: BV Due Date: 02/27/25

CLIENT: 92- GP-HAM

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

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

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

***Check all unpreserved Nitrates for chlorine

Project #

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

Client_____ Profile/EZ (Circle one)_____ Notes_____

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)		BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4B-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass Jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	DG94-40 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	KP7U-50 mL Plastic Unpreserved (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
CC		AS	AS				AS	AS																						
1		2	1				2	1																						
2		2	1				2	1																						
3		2	1				2	1																						
4		2	1				2	1																						
5		2	1				2	1																						
6		2	1				2	1																						
7		2	1				2	1																						
8		2	1				2	1																						
9		2	1				2	1																						
10		2	1				2	1																						
11		2	1				2	1																						
12		2	1				2	1																						

pH Adjustment Log for Preserved Samples

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

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

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

Effective Date: 05/24/2024

WO# : 92779374

PM: BV Due Date: 02/27/25

CLIENT: 92- GP-HAM

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

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

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

***Check all unpreserved Nitrates for chlorine

Project #

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

Client_____ Profile/EZ (Circle one)_____ Notes_____

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)		BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4B-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	DG94-40 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	KP7U-50 mL Plastic Unpreserved (N/A)	V/GK (3 vials per kit)-VPH-/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
CC		1	1																											
1		1	1				2																							
2		1	1				2																							
3		1	1				2																							
4																														
5																														
6																														
7																														
8																														
9																														
10																														
11																														
12																														

pH Adjustment Log for Preserved Samples

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

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

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CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 2

Section A Required Client Information:

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

Section B Required Project Information:

Report To:	SCS Contacts
Copy To:	Geosyntec Contacts
Purchase Order No.:	
Project Name:	Huffaker Road Landfill
Project Number:	

Section C Invoice Information:

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

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☑ OTHER CCR

Site Location STATE: GA

Section D Required Client Information

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

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

Requested Analysis Filtered (Y/N)

Analysis Test Y/N: N N N N N

Analysis Test: Chloride, Fluoride, Sulfate | TDS | Sb, As, Ba, Be, B, Cd, Ca, Cr, Co | Cu, Pb, Ni, Se, Ag, Tl, V, Zn | Major Ions (Profile 10839-2)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE DATE	COLLECTED COMPOSITE TIME	COLLECTED COMPOSITE DATE	COLLECTED COMPOSITE TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	HAM-GWA-1	WG	G	2/11/2025	1245				15	6	3		2				1	N	92779374 001
2	HAM-GWA-2	WG	G	2/11/2025	1015				15	6	3		2				1	N	002
3	HAM-GWA-3	WG	G	2/11/2025	1052				13	6	3		2				1	N	003
4	HAM-GWA-4	WG	G	2/11/2025	0931				13	6	3		2				1	N	004
5	HAM-GWA-11	WG	G	2/11/2025	1056				15	6	3		2				1	N	005
6	HAM-GWC-5	WG	G	2/11/2025	1544				14	6	3		2				1	N	006
7	HAM-GWC-9	WG	G	2/11/2025	1552				15	6	3		2				1	N	007
8	HAM-GWC-10	WG	G	2/11/2025	1254				15	6	3		2				1	N	008
9	HAM-HLF-GWC-19	WG	G	2/11/2025	1622	ART 2/11/2025			14	6	3		2				1	N	009
10	HAM-GWC-20	WG	G	2/11/2025	1430				14	6	3		2				1	N	010
11	HAM-GWC-21	WG	G	2/11/2025	1447				10	6	3		2				1	N	011
12	HAM-GWC-22	WG	G	2/11/2025	1251				13	6	3		2				1	N	012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
Task Code: HAM-CCR-ASSMT-2025S1	Thomas Kessler / Geo	2/12/2025	1230	Ryan Williams / Pace	2/12/25	1230	
	Ryan Williams / Pace	2/12/2025	1610		2/12	1610	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Amanda Tomlinson, Zain Webb, Thomas Kessler / Geosyntec Consultants, I

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 2/11/2025

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

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

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Page: 2 of 2

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Phone:	Fax:
Requested Due Date/TAT:	10 Day

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Copy To:	Geosyntec Contacts
Purchase Order No.:	
Project Name:	Huffaker Road Landfill
Project Number:	

Section C Invoice Information:

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

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☑ OTHER CCR

Site Location STATE: GA

Section D Required Client Information

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

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE DATE	COLLECTED COMPOSITE TIME	COLLECTED COMPOSITE DATE	COLLECTED COMPOSITE TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	Chloride, Fluoride, Sulfate	TDS	Sb, As, Ba, Be, B, Cd, Ca, Cr, Co	Cu, Pb, Ni, Se, Ag, Tl, V, Zn	Major Ions (Profile 10839-2):	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
																		Requested Analysis Filtered (Y/N)	N	N	N	N	N		92779374
1	HAM-HLF-FD-01	WG	G	2/11/2025	0000			14	6	3		2					1		X	X	X	X	X	N	013
2	HAM-HLF-EB-01	WG	G	2/11/2025	1615			14	4	2		1					1		X	X	X	X		N	014
3	HAM-HLF-FB-01	WG	G	2/11/2025	1600	ART 2/11/2025		14	4	2		1					1		X	X	X	X		N	015
4																									
5																									
6																									
7						ART																			
8						2/11/2025																			
9																									
10																									
11																									
12																									

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
Task Code: HAM-CCR-ASSMT-2025S1	Thomas Kessler/Geo	2/12/2025	1230	Ryan William / Pace	2/14/2025	1230	
	Ryan William / Pace	2/14/2025	1610		2/14	1610	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Amanda Tomlinson, Zain Webb, Thomas Kessler / Geosyntec Consultants, I

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 2/11/2025

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

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

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

Effective Date: 05/24/2024

aboratory receiving samples:
Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐ Atlanta ☑ Kernersville ☐

Sample Condition Upon Receipt

Client Name: GA Power

Project #:

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☑ Pace ☐ Other:____

Custody Seal Present? ☐ Yes ☑ No Seals Intact? ☐ Yes ☐ No ☑ N/A

Date/Initials Person Examining Contents: 2/14/25 CH

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

Biological Tissue Frozen? ☐ Yes ☐ No ☑ N/A

Thermometer: ☑ IR Gun ID: 083

Type of Ice: ☑ Wet ☐ Blue ☐ None

Cooler Temp: 1.2 Correction Factor: Add/Subtract (°C) +0.1

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

Cooler Temp Corrected (°C): 1.3

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

OMMENTS/SAMPLE DISCREPANCY

Field Data Required? ☐ Yes ☐ No

Lot ID of split containers:

ENT NOTIFICATION/RESOLUTION

erson contacted: Date/Time:

Project Manager SCURF Review: Date:

Project Manager SRF Review: Date:

ıaltrax ID: 69614

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.
Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg
**Bottom half of box is to list number of bottles
***Check all unpreserved Nitrates for chlorine

Project #

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

Client_____ Profile/EZ (Circle one)_____ Notes_____

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)		BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4B-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass Jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	DG9A-40 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	KP7U-50 mL Plastic Unpreserved (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
CC																													
1		2	1				2	1																					
2		2	1				2	1																					
3		2	1				2	1																					
4		2	1				2	1																					
5		2	1				2	1																					
6		1	1				2																						
7		1	1				2																						
8		1	1				2																						
9																													
10																													
11																													
12																													

pH Adjustment Log for Preserved Samples

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

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

Qualtrax ID: 69614

Pace Analytical

CHAIN-OF-CUSTODY / Analytical Request Document

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Page 1 of 1

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: GA Power	Report To: SCS Contacts	Attention: Southern Co.
Address: Atlanta, GA	Copy To: Geosyntec Contacts	Company Name:
		Address:
Email To: SCS Contacts	Purchase Order No.:	Pace Quote Reference:
Phone: Fax:	Project Name: Hallaker Road Landfill	Pace Project Manager: Bonnie Vang
Requested Due Date/TAT: 10 Day	Project Number:	Pace Profile #: 10839

REGULATORY AGENCY: NPDES / GROUND WATER / DRINKING WATER / UST / RCRA / ✓ OTHER CCR

Site Location STATE: GA

ITEM #	SAMPLE ID (A-Z, 0-9, /, -) Sample IDs MUST BE UNIQUE	MATRIX CODE	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	Residual Chlorine (Y/N)	Pace Project No. 92779374
1	HAM-HLF-GWC-6	WG	G	2/12/2025	1057		16	6	3		2				1	N	N	016
2	HAM-GWC-7	WG	G	2/12/2025	1145		15	6	3		2				1	N	N	017
3	HAM-HLF-GWC-8	WG	G	2/12/2025	1014		15	6	3		2				1	N	N	018
4	HAM-GWC-18	WG	G	2/12/2025	0945		14	6	3		2				1	N	N	019
5	HAM-GWC-23	WG	G	2/12/2025	1015		13	6	3		2				1	N	N	020
6	HAM-HLF-EB-02	WG	G	2/12/2025	1050		16	6	3		2				1	N	N	Matrix = WQ 021
7	HAM-HLF-FB-02	WG	G	2/12/2025	1045		16	6	3		2				1	N	N	Matrix = WQ 022
8	HAM-HLF-FD-02	WG	G	2/12/2025	0000		15	4	2		2					N	N	Matrix = WQ 023
9																		
10																		
11																		
12																		

Requested Analysis Filtered (Y/N): N N N N N

Analysis Test: Chloride, Fluoride, Sulfate; TDS; Sb, As, Ba, Be, B, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mn, Mo, Ag, Tl, V, Zn; Hg (Pace Profile #10839-2)

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Zain Webb / Geosyntec	2-14-25	1340	Ryan Williams / Pace	2/14/25	1340	
(8) No major ions for HAM-HLF-EB-02 and HAM-HLF-FB-02 C.H 2/14/25	Ryan Williams / Pace	2/14/25	1610	Charles Hanks	2/14/25	1610	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Amanda Tomlinson, Zain Webb, Thomas Kassler / Geosyntec Consultants.

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 2-13-25

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

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

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

VALIDATION REPORTS

Geosyntec consultants

180A Market Place Boulevard
Knoxville, TN 37922
PH 865.330.0037
www.geosyntec.com

Memorandum

Date:	8 July 2025
To:	Caroline Nelson
	Christine Hug
From:	Colleen Small
CC:	Kristoffer Henderson
Subject:	**Stage 2A Data Validation - Level II Data Deliverable – Pace Analytical Project Services, Project Number: 92779374**

SITE: Huffaker Road Landfill

INTRODUCTION

This report summarizes the findings of the Stage 2A data validation of seventeen groundwater samples, two field duplicates, two field blanks, and two equipment blanks, collected 11-12 February 2025, as part of the Plant Hammond sampling event.

The samples were analyzed at Pace Analytical Services – West Columbia, West Columbia, South Carolina, for the following analytical test:

- Metals by United States (US) Environmental Protection Agency (EPA) Methods 3005A/6020B

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

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

EXECUTIVE SUMMARY

Overall, based on this Stage 2A data validation covering the quality control (QC) parameters listed below and based on the information provided, the data as qualified are usable for supporting project objectives. The qualified data should be used within the limitations of the qualifications.

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

- US EPA Region IV Data Validation Standard Operating Procedures (US EPA Region IV, September 2011);
- US EPA National Functional Guidelines for Inorganic Superfund Methods Data Review, November 2020 (EPA 542-R-20-006); and
- Field Sampling Plan – All Sites, Georgia Power Company, Southern Company, January 2024, Revised May 2024.

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

Laboratory ID	Client ID
92779374001	HAM-GWA-1
92779374002	HAM-GWA-2
92779374003	HAM-GWA-3
92779374004	HAM-GWA-4
92779374005	HAM-GWA-11
92779374006	HAM-GWC-5
92779374007	HAM-GWC-9
92779374008	HAM-GWC-10
92779374009	HAM-HLF-GWC-19
92779374010	HAM-GWC-20
92779374011	HAM-GWC-21
92779374012	HAM-GWC-22

Laboratory ID	Client ID
92779374013	HAM-HLF-FD-01
92779374014	HAM-HLF-EB-01
92779374015	HAM-HLF-FB-01
92779374016	HAM-HLF-GWC-6
92779374017	HAM-GWC-7
92779374018	HAM-HLF-GWC-8
92779374019	HAM-GWC-18
92779374020	HAM-GWC-23
92779374021	HAM-HLF-EB-02
92779374022	HAM-HLF-FB-02
92779374023	HAM-HLF-FD-02

The laboratory reported results for the analytical method(s) requested for each sample on the chain of custody (COC).

The COC indicates the samples were received between 0-6 ºC. No preservation issues were noted by the laboratory.

The following issues were noted regarding the COC:

- Incorrect error corrections were observed on the COC for the samples collected on 12 February 2025 instead of the proper procedure of a single strike through, correction, and initials and date of person making the corrections.
- The affiliation for the receiving persons for the last sample transfers were not documented on the COCs for samples collected on 11 and 12 February 2025.
- Matrix code “WG” was documented on the COCs for the samples but was not indicated as a valid matrix code on the COCs.

1.0 METALS

The samples were analyzed for metals by US EPA Methods 3005A/6020B.

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 (1 per batch of 20 samples). The metals were not detected in the method blanks at or above the method detection limits (MDLs).

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

MS/MSDs were analyzed at the proper frequency for the number and types of samples analyzed (1 per batch of 20 samples). Two sample set specific MS/MSD pairs were reported for metals,

using samples HAM-GWA-1 and HAM-GWA-2. The recovery and relative percent difference (RPD) results were within the laboratory specified acceptance criteria, with the following exceptions.

The recovery of calcium in the MS using sample HAM-GWA-1 was high and outside of laboratory specified acceptance criteria. Since the calcium concentration in sample HAM-GWA-1 was greater than four times the spiked concentrations, no qualifications were applied to the data based on the MS/MSD recovery results.

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

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier*	DQM Reason Code(s)**
HAM-GWA-1	Calcium	14.1	M1	14.1	NA$^{\beta}$	MS3
HAM-GWA-2	Magnesium	21.7	M1	21.7	NA$^{\beta}$	MS3
HAM-GWA-2	Calcium	57.2	M1	57.2	NA$^{\beta}$	MS3

mg/L- milligram per liter
M1-Laboratory flag indicating that the matrix spike recovery exceeded QC limits.
NA$^{\beta}$-Not applicable. The laboratory flag was removed and no qualifications were applied to the data based on this validation.
* Validation qualifiers are defined in Attachment 1 at the end of this report
**DQM reason codes are defined in Attachment 2 at the end of this report

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

1.5 Laboratory Control Sample (LCS)

LCSs were analyzed at the proper frequency for the number and types of samples analyzed (1 per batch of 20 samples). LCSs were reported with each batch. The recovery results were within the laboratory specified acceptance criteria.

1.6 Equipment Blank

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

1.7 Field Blank

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

Zinc (0.026 mg/L) was detected at an estimated concentration greater than the MDL and less than the reporting limit (RL) in HAM-HLF-FB-02. Therefore, based on professional and technical judgement, the estimated concentration of zinc in the associated sample, HAM-GWC-23, was U qualified as not detected at or above the RL. Qualifications were not applied to associated samples with zinc concentrations greater than five times the blank contamination, based on professional and technical judgement.

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	DQM Reason Code(s)
HAM-GWC-23	Zinc	0.0029	J	0.020	U	BF|BFL

mg/L- milligram per liter
J-the result is less than RL but greater than the MDL and the concentration is an approximate value

1.8 Field Duplicate

Two field duplicate samples were collected with the sample set, HAM-HLF-FD-01 and HAM-HLF-FD-02. Acceptable precision (RPD < 30%) was demonstrated between the field duplicate and the original samples, HAM-GWC-21 and HAM-HLF-GWC-6, respectively.

The field duplicates, HAM-AP4-FD-01 and HAM-AP4-FD-02, were not analyzed for iron, magnesium, manganese, potassium, or sodium, as specified on the COCs.

1.9 Sensitivity

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

1.10 Electronic Data Deliverable Review

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

2.0 WET CHEMISTRY

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

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

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

2.1 Overall Assessment

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

2.2 Holding Times

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

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

2.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (1 per batch of 20 samples). The wet chemistry parameters were not detected in the method blanks at or above the MDLs.

2.4 Matrix Spike/Matrix Spike Duplicate

MS/MSDs were analyzed at the proper frequency for the number and types of samples analyzed (1 per batch of 20 samples). Two sample set specific MS/MSD pairs were reported for chloride, fluoride, and sulfate, using samples HAM-GWC-10 and HAM-GWC-18. Four sample set specific MS/MSD pairs were reported for sulfide, using samples HAM-GWA-2, HAM-HLF-GWC-19, HAM-GWC-20, and HAM-HLF-GWC-6. The recovery and RPD results were within the laboratory specified acceptance criteria.

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

2.5 Laboratory Control Sample

LCSs were analyzed at the proper frequency for the number and types of samples analyzed (1 per batch of 20 samples). LCSs were reported for each analysis and batch. The recovery results were within the laboratory specified acceptance criteria.

2.6 Laboratory Duplicate

Two laboratory duplicates were reported for TDS, using samples HAM-GWC-20 and HAM-HLF-GWC-8. The RPD results were within the laboratory specified acceptance criteria.

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

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

2.8 Field Blank

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

2.9 Field Duplicate

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

The field duplicates, HAM-AP4-FD-01 and HAM-AP4-FD-02, were not analyzed for alkalinity or sulfide, as specified on the COCs.

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.

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

DATA QUALIFIER DEFINITIONS

U The analyte was analyzed for but was not detected at or above the reported sample quantitation limit. Upon application of the U qualifier to a reported result, the definition changes to "not detected at or above the reported result."

J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

J+ The analyte was positively identified; however, the associated numerical value is likely to be higher than the concentration of the analyte in the sample due to positive bias of associated QC or calibration data or attributable to matrix interference.

J- The analyte was positively identified; however, the associated numerical value is likely to be lower than the concentration of the analyte in the sample due to negative bias of associated QC or calibration data or attributable to matrix interference.

UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

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

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

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

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

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

FIELD SAMPLING REPORTS

Low-Flow Test Report:

Test Date / Time: 2/11/2025 11:05:55 AM
Project: GP- Plant Hammond
Operator Name: A. Tomlinson

Location Name: GWA-1 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 29.3 ft** **Total Depth: 39.3 ft** **Initial Depth to Water: 11.83 ft**	**Pump Type: Peristaltic** **Tubing Type: Poly** **Pump Intake From TOC: 34.3 ft** **Estimated Total Volume Pumped: 20 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.33 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 850735**

Test Notes:
Six bottles: Metals, Inorganics, and TDS.

Weather Conditions:
Cloudy, 48 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	
2/11/2025 11:05 AM	00:00	7.31 pH	13.40 °C	171.63 µS/cm	0.93 mg/L	6.58 NTU	-47.0 mV	11.86 ft	200.00 ml/min
2/11/2025 11:10 AM	05:00	7.22 pH	14.27 °C	178.11 µS/cm	1.33 mg/L	4.46 NTU	-39.5 mV	11.92 ft	200.00 ml/min
2/11/2025 11:15 AM	10:00	7.18 pH	14.49 °C	170.43 µS/cm	4.80 mg/L	3.29 NTU	-41.0 mV	11.98 ft	200.00 ml/min
2/11/2025 11:20 AM	15:00	7.13 pH	14.62 °C	168.63 µS/cm	5.12 mg/L	3.44 NTU	-40.6 mV	12.02 ft	200.00 ml/min
2/11/2025 11:25 AM	20:00	7.12 pH	14.53 °C	163.28 µS/cm	5.06 mg/L	2.43 NTU	-58.7 mV	12.06 ft	200.00 ml/min
2/11/2025 11:30 AM	25:00	7.08 pH	14.58 °C	157.08 µS/cm	4.75 mg/L	2.46 NTU	-61.9 mV	12.08 ft	200.00 ml/min
2/11/2025 11:35 AM	30:00	7.02 pH	14.61 °C	154.89 µS/cm	1.77 mg/L	1.98 NTU	-45.8 mV	12.11 ft	200.00 ml/min
2/11/2025 11:40 AM	35:00	7.00 pH	14.67 °C	150.72 µS/cm	3.67 mg/L	1.97 NTU	-46.0 mV	12.14 ft	200.00 ml/min
2/11/2025 11:45 AM	40:00	7.02 pH	14.63 °C	149.11 µS/cm	3.33 mg/L	1.69 NTU	-47.4 mV	12.15 ft	200.00 ml/min
2/11/2025 11:50 AM	45:00	6.96 pH	14.67 °C	145.90 µS/cm	3.31 mg/L	1.55 NTU	-64.9 mV	12.16 ft	200.00 ml/min
2/11/2025 11:55 AM	50:00	6.95 pH	14.67 °C	145.81 µS/cm	2.99 mg/L	1.75 NTU	-64.7 mV	12.18 ft	200.00 ml/min
2/11/2025 12:00 PM	55:00	6.94 pH	14.76 °C	141.51 µS/cm	2.77 mg/L	1.73 NTU	-65.4 mV	12.18 ft	200.00 ml/min
2/11/2025 12:05 PM	01:00:00	6.92 pH	14.72 °C	139.53 µS/cm	2.58 mg/L	2.44 NTU	-65.6 mV	12.20 ft	200.00 ml/min

2/11/2025 12:10 PM	01:05:00	6.93 pH	14.70 °C	139.42 µS/cm	2.42 mg/L	1.39 NTU	-64.8 mV	12.20 ft	200.00 ml/min
2/11/2025 12:15 PM	01:10:00	6.93 pH	14.58 °C	138.22 µS/cm	2.19 mg/L	1.84 NTU	-65.9 mV	12.20 ft	200.00 ml/min
2/11/2025 12:20 PM	01:15:00	6.89 pH	14.57 °C	137.91 µS/cm	2.03 mg/L	1.78 NTU	-65.3 mV	12.20 ft	200.00 ml/min
2/11/2025 12:25 PM	01:20:00	6.92 pH	14.59 °C	137.78 µS/cm	0.88 mg/L	0.88 NTU	-49.8 mV	12.20 ft	200.00 ml/min
2/11/2025 12:30 PM	01:25:00	6.89 pH	14.71 °C	136.85 µS/cm	1.11 mg/L	0.94 NTU	-65.5 mV	12.20 ft	200.00 ml/min
2/11/2025 12:35 PM	01:30:00	6.88 pH	14.76 °C	136.63 µS/cm	1.00 mg/L	0.99 NTU	-65.1 mV	12.25 ft	200.00 ml/min
2/11/2025 12:40 PM	01:35:00	6.89 pH	14.76 °C	135.68 µS/cm	0.94 mg/L	0.99 NTU	-65.3 mV	12.25 ft	200.00 ml/min

Samples

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

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/11/2025 8:56:21 AM
Project: GP- Plant Hammond
Operator Name: A. Tomlinson

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: 5.90 ft**	**Pump Type: Peristaltic** **Tubing Type: Poly** **Pump Intake From TOC: 20.81 ft** **Estimated Total Volume Pumped: 16 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.64 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 850735**

Test Notes:
Six bottles: Metals, Inorganics, and TDS.

Weather Conditions:
Cloudy, 48 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	
2/11/2025 8:56 AM	00:00	6.93 pH	14.22 °C	467.15 µS/cm	0.28 mg/L	37.40 NTU	28.1 mV	6.40 ft	200.00 ml/min
2/11/2025 9:01 AM	05:00	6.76 pH	14.26 °C	469.51 µS/cm	0.61 mg/L	20.40 NTU	-4.9 mV	6.42 ft	200.00 ml/min
2/11/2025 9:06 AM	10:00	6.74 pH	14.39 °C	466.58 µS/cm	0.88 mg/L	22.30 NTU	-18.7 mV	6.44 ft	200.00 ml/min
2/11/2025 9:11 AM	15:00	6.74 pH	14.54 °C	467.29 µS/cm	0.76 mg/L	17.90 NTU	-31.8 mV	6.46 ft	200.00 ml/min
2/11/2025 9:16 AM	20:00	6.74 pH	14.67 °C	466.23 µS/cm	0.72 mg/L	23.10 NTU	-37.9 mV	6.48 ft	200.00 ml/min
2/11/2025 9:21 AM	25:00	6.74 pH	14.76 °C	467.97 µS/cm	0.65 mg/L	12.90 NTU	-70.5 mV	6.50 ft	200.00 ml/min
2/11/2025 9:26 AM	30:00	6.75 pH	14.76 °C	462.62 µS/cm	0.54 mg/L	11.20 NTU	-76.0 mV	6.50 ft	200.00 ml/min
2/11/2025 9:31 AM	35:00	6.75 pH	14.76 °C	464.47 µS/cm	0.49 mg/L	13.30 NTU	-79.1 mV	6.50 ft	200.00 ml/min
2/11/2025 9:36 AM	40:00	6.75 pH	14.85 °C	469.27 µS/cm	0.44 mg/L	10.00 NTU	-59.3 mV	6.52 ft	200.00 ml/min
2/11/2025 9:41 AM	45:00	6.74 pH	14.99 °C	467.74 µS/cm	0.40 mg/L	11.00 NTU	-65.2 mV	6.52 ft	200.00 ml/min
2/11/2025 9:46 AM	50:00	6.75 pH	14.90 °C	467.10 µS/cm	0.59 mg/L	11.80 NTU	-96.2 mV	6.52 ft	200.00 ml/min
2/11/2025 9:51 AM	55:00	6.74 pH	14.85 °C	466.82 µS/cm	0.55 mg/L	6.96 NTU	-102.1 mV	6.52 ft	200.00 ml/min
2/11/2025 9:56 AM	01:00:00	6.76 pH	14.94 °C	464.43 µS/cm	0.49 mg/L	7.00 NTU	-68.8 mV	6.52 ft	200.00 ml/min

2/11/2025 10:01 AM	01:05:00	6.74 pH	14.94 °C	462.63 µS/cm	0.45 mg/L	6.80 NTU	-66.7 mV	6.54 ft	200.00 ml/min
2/11/2025 10:06 AM	01:10:00	6.75 pH	14.88 °C	462.91 µS/cm	0.41 mg/L	7.61 NTU	-103.7 mV	6.54 ft	200.00 ml/min
2/11/2025 10:11 AM	01:15:00	6.76 pH	14.99 °C	462.53 µS/cm	0.37 mg/L	4.60 NTU	-71.6 mV	6.54 ft	200.00 ml/min

Samples

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

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/11/2025 10:02:40 AM
Project: GP-Plant Hammond
Operator Name: T. Kessler

Location Name: GWA-3 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 11.09 ft** **Total Depth: 21.09 ft** **Initial Depth to Water: 4.55 ft**	**Pump Type: Peristaltic** **Tubing Type: Poly** **Pump Intake From TOC: 16.09 ft** **Estimated Total Volume Pumped: 10 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: 989630**

Test Notes:
Six bottles: Metals, Inorganics, and TDS.

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	
2/11/2025 10:02 AM	00:00	7.00 pH	12.30 °C	646.69 µS/cm	3.24 mg/L	1.14 NTU	95.9 mV	4.90 ft	200.00 ml/min
2/11/2025 10:07 AM	05:00	6.93 pH	12.66 °C	619.02 µS/cm	2.57 mg/L	0.86 NTU	70.6 mV	4.95 ft	200.00 ml/min
2/11/2025 10:12 AM	10:00	6.88 pH	12.74 °C	611.80 µS/cm	2.17 mg/L	0.56 NTU	72.4 mV	4.95 ft	200.00 ml/min
2/11/2025 10:17 AM	15:00	6.85 pH	12.76 °C	608.47 µS/cm	1.87 mg/L	0.92 NTU	54.0 mV	4.95 ft	200.00 ml/min
2/11/2025 10:22 AM	20:00	6.82 pH	12.67 °C	603.46 µS/cm	1.57 mg/L	0.50 NTU	49.1 mV	4.95 ft	200.00 ml/min
2/11/2025 10:27 AM	25:00	6.80 pH	12.80 °C	602.35 µS/cm	1.47 mg/L	0.52 NTU	46.6 mV	4.95 ft	200.00 ml/min
2/11/2025 10:32 AM	30:00	6.79 pH	12.76 °C	603.48 µS/cm	1.36 mg/L	0.63 NTU	45.6 mV	4.95 ft	200.00 ml/min
2/11/2025 10:37 AM	35:00	6.77 pH	12.89 °C	592.94 µS/cm	1.23 mg/L	0.71 NTU	43.9 mV	4.95 ft	200.00 ml/min
2/11/2025 10:42 AM	40:00	6.75 pH	12.76 °C	590.08 µS/cm	1.11 mg/L	0.62 NTU	42.8 mV	4.95 ft	200.00 ml/min
2/11/2025 10:47 AM	45:00	6.76 pH	12.78 °C	593.19 µS/cm	1.12 mg/L	0.80 NTU	42.1 mV	4.95 ft	200.00 ml/min

Samples

Sample ID:	Description:

HAM-GWA-3	Grab.

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/11/2025 8:55:59 AM
Project: GP-Plant Hammond
Operator Name: T. Kessler

Location Name: GWA-4 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 11.39 ft** **Total Depth: 21.39 ft** **Initial Depth to Water: 9.56 ft**	**Pump Type: Peristaltic** **Tubing Type: Poly** **Pump Intake From TOC: 16.39 ft** **Estimated Total Volume Pumped: 7 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.29 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 989630**

Test Notes:
Six bottles: Metals, Inorganics, and TDS.

Weather Conditions:
Cloudy, 47 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	
2/11/2025 8:55 AM	00:00	7.41 pH	13.26 °C	586.42 µS/cm	1.29 mg/L	0.95 NTU	133.5 mV	9.75 ft	200.00 ml/min
2/11/2025 9:00 AM	05:00	7.25 pH	13.12 °C	576.17 µS/cm	1.14 mg/L	0.57 NTU	131.7 mV	9.77 ft	200.00 ml/min
2/11/2025 9:05 AM	10:00	7.20 pH	13.12 °C	578.54 µS/cm	1.05 mg/L	0.67 NTU	94.4 mV	9.80 ft	200.00 ml/min
2/11/2025 9:10 AM	15:00	7.14 pH	13.08 °C	581.59 µS/cm	0.97 mg/L	0.70 NTU	85.7 mV	9.82 ft	200.00 ml/min
2/11/2025 9:15 AM	20:00	7.07 pH	12.92 °C	588.64 µS/cm	0.88 mg/L	0.50 NTU	80.8 mV	9.85 ft	200.00 ml/min
2/11/2025 9:20 AM	25:00	7.03 pH	13.05 °C	590.34 µS/cm	0.82 mg/L	0.39 NTU	78.0 mV	9.85 ft	200.00 ml/min
2/11/2025 9:25 AM	30:00	6.98 pH	13.12 °C	594.62 µS/cm	0.73 mg/L	1.24 NTU	75.9 mV	9.85 ft	200.00 ml/min

Samples

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

Low-Flow Test Report:

Test Date / Time: 2/11/2025 9:56:49 AM
Project: GP-Plant Hammond
Operator Name: Z. Webb

Location Name: GWA-11 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 25.9 ft** **Total Depth: 35.9 ft** **Initial Depth to Water: 16.18 ft**	**Pump Type: Peristaltic** **Tubing Type: Polyethylene** **Pump Intake From TOC: 30.9 ft** **Estimated Total Volume Pumped: 12 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.45 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 883530**

Test Notes:
Six bottles: Metals, Inorganics, and TDS.

Weather Conditions:
Overcast, 50 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/11/2025 9:56 AM	00:00	7.27 pH	13.91 °C	178.72 µS/cm	0.69 mg/L	39.70 NTU	69.1 mV	16.18 ft	200.00 ml/min
2/11/2025 10:01 AM	05:00	7.07 pH	14.09 °C	179.93 µS/cm	0.68 mg/L	21.90 NTU	118.5 mV	16.51 ft	200.00 ml/min
2/11/2025 10:06 AM	10:00	6.97 pH	14.28 °C	180.33 µS/cm	0.63 mg/L	21.60 NTU	113.0 mV	16.59 ft	200.00 ml/min
2/11/2025 10:11 AM	15:00	6.91 pH	14.59 °C	179.23 µS/cm	0.67 mg/L	17.50 NTU	122.4 mV	16.61 ft	200.00 ml/min
2/11/2025 10:16 AM	20:00	6.87 pH	14.67 °C	179.60 µS/cm	0.65 mg/L	14.10 NTU	131.4 mV	16.63 ft	200.00 ml/min
2/11/2025 10:21 AM	25:00	6.86 pH	14.63 °C	179.56 µS/cm	0.64 mg/L	10.20 NTU	152.2 mV	16.63 ft	200.00 ml/min
2/11/2025 10:26 AM	30:00	6.85 pH	14.58 °C	181.50 µS/cm	0.67 mg/L	9.01 NTU	197.6 mV	16.63 ft	200.00 ml/min
2/11/2025 10:31 AM	35:00	6.85 pH	14.59 °C	179.18 µS/cm	0.75 mg/L	7.12 NTU	246.3 mV	16.63 ft	200.00 ml/min
2/11/2025 10:36 AM	40:00	6.84 pH	14.54 °C	178.12 µS/cm	0.73 mg/L	5.92 NTU	300.8 mV	16.63 ft	200.00 ml/min
2/11/2025 10:41 AM	45:00	6.84 pH	14.63 °C	179.27 µS/cm	0.75 mg/L	5.63 NTU	345.0 mV	16.63 ft	200.00 ml/min
2/11/2025 10:46 AM	50:00	6.84 pH	14.61 °C	180.35 µS/cm	0.73 mg/L	5.66 NTU	375.3 mV	16.63 ft	200.00 ml/min
2/11/2025 10:51 AM	55:00	6.84 pH	14.63 °C	179.83 µS/cm	0.72 mg/L	4.57 NTU	398.0 mV	16.63 ft	200.00 ml/min

Samples

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

Low-Flow Test Report:

Test Date / Time: 2/11/2025 2:44:33 PM
Project: GP-Plant Hammond
Operator Name: Z. Webb

Location Name: GWC-5 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 11.41 ft** **Total Depth: 21.41 ft** **Initial Depth to Water: 5.01 ft**	**Pump Type: Peristaltic** **Tubing Type: Polyethylene** **Pump Intake From TOC: 16.41 ft** **Estimated Total Volume Pumped: 12 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.26 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 883530**

Test Notes:
Six bottles: Metals, Inorganics, and TDS.

Weather Conditions:
Overcast, 55 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/11/2025 2:44 PM	00:00	8.49 pH	10.05 °C	584.02 µS/cm	4.38 mg/L	5.74 NTU	209.6 mV	5.01 ft	200.00 ml/min
2/11/2025 2:49 PM	05:00	7.36 pH	12.53 °C	601.19 µS/cm	1.52 mg/L	2.90 NTU	522.9 mV	5.18 ft	200.00 ml/min
2/11/2025 2:54 PM	10:00	7.05 pH	13.09 °C	591.47 µS/cm	1.23 mg/L	1.89 NTU	532.7 mV	5.22 ft	200.00 ml/min
2/11/2025 2:59 PM	15:00	6.94 pH	13.41 °C	591.45 µS/cm	0.94 mg/L	1.32 NTU	614.8 mV	5.24 ft	200.00 ml/min
2/11/2025 3:04 PM	20:00	6.91 pH	13.50 °C	591.54 µS/cm	0.83 mg/L	1.27 NTU	529.7 mV	5.25 ft	200.00 ml/min
2/11/2025 3:09 PM	25:00	6.90 pH	13.63 °C	590.92 µS/cm	0.71 mg/L	1.29 NTU	525.4 mV	5.26 ft	200.00 ml/min
2/11/2025 3:14 PM	30:00	6.90 pH	13.82 °C	594.94 µS/cm	0.59 mg/L	1.38 NTU	522.7 mV	5.27 ft	200.00 ml/min
2/11/2025 3:19 PM	35:00	6.90 pH	13.82 °C	595.41 µS/cm	0.48 mg/L	1.03 NTU	522.7 mV	5.27 ft	200.00 ml/min
2/11/2025 3:24 PM	40:00	6.90 pH	13.89 °C	596.39 µS/cm	0.39 mg/L	0.90 NTU	520.2 mV	5.27 ft	200.00 ml/min
2/11/2025 3:29 PM	45:00	6.91 pH	13.86 °C	589.29 µS/cm	0.33 mg/L	0.83 NTU	523.2 mV	5.27 ft	200.00 ml/min
2/11/2025 3:34 PM	50:00	6.91 pH	13.86 °C	594.02 µS/cm	0.28 mg/L	0.93 NTU	522.4 mV	5.27 ft	200.00 ml/min
2/11/2025 3:39 PM	55:00	6.90 pH	13.83 °C	589.43 µS/cm	0.27 mg/L	0.72 NTU	616.4 mV	5.27 ft	200.00 ml/min

Samples

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

Low-Flow Test Report:

Test Date / Time: 2/12/2025 10:22:18 AM
Project: GP-Plant Hammond
Operator Name: T. 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: 15.65 ft**	**Pump Type: Peristaltic** **Tubing Type: Poly** **Pump Intake From TOC: 37.58 ft** **Estimated Total Volume Pumped: 7 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.10 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 989630**

Test Notes:
Six bottles: Metals, Inorganics, and TDS.

Weather Conditions:
Rainy, 39 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	
2/12/2025 10:22 AM	00:00	7.12 pH	14.82 °C	482.60 µS/cm	0.54 mg/L	57.60 NTU	-64.1 mV	15.73 ft	200.00 ml/min
2/12/2025 10:27 AM	05:00	7.11 pH	15.41 °C	487.40 µS/cm	0.33 mg/L	16.30 NTU	-67.0 mV	15.75 ft	200.00 ml/min
2/12/2025 10:32 AM	10:00	7.11 pH	15.57 °C	492.40 µS/cm	0.31 mg/L	10.30 NTU	-68.7 mV	15.75 ft	200.00 ml/min
2/12/2025 10:37 AM	15:00	7.12 pH	15.79 °C	490.82 µS/cm	0.30 mg/L	3.88 NTU	-71.1 mV	15.75 ft	200.00 ml/min
2/12/2025 10:42 AM	20:00	7.14 pH	15.58 °C	490.71 µS/cm	0.29 mg/L	4.21 NTU	-72.3 mV	15.75 ft	200.00 ml/min
2/12/2025 10:47 AM	25:00	7.14 pH	15.48 °C	491.30 µS/cm	0.27 mg/L	3.42 NTU	-72.3 mV	15.75 ft	200.00 ml/min
2/12/2025 10:52 AM	30:00	7.15 pH	15.50 °C	492.90 µS/cm	0.27 mg/L	3.24 NTU	-72.9 mV	15.75 ft	200.00 ml/min

Samples

Sample ID:	Description:
HAM--HLF-GWC-6	Grab.
HAM-HLF-FD-02	Grab.

Low-Flow Test Report:

Test Date / Time: 2/12/2025 10:45:19 AM
Project: GP- Plant Hammond
Operator Name: A. Tomlinson

Location Name: GWC-7 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 21.91 ft** **Total Depth: 31.91 ft** **Initial Depth to Water: 15.08 ft**	**Pump Type: Peristaltic** **Tubing Type: Poly** **Pump Intake From TOC: 26.91 ft** **Estimated Total Volume Pumped: 12 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.37 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 850735**

Test Notes:
Six bottles: Metals, Inorganics, and TDS.

Weather Conditions:
Cloudy, rain, 44 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	
2/12/2025 10:45 AM	00:00	5.46 pH	13.49 °C	306.09 µS/cm	2.49 mg/L	55.00 NTU	191.4 mV	15.40 ft	200.00 ml/min
2/12/2025 10:50 AM	05:00	5.12 pH	14.08 °C	308.36 µS/cm	2.02 mg/L	34.50 NTU	167.1 mV	15.41 ft	200.00 ml/min
2/12/2025 10:55 AM	10:00	5.24 pH	14.34 °C	318.19 µS/cm	1.67 mg/L	21.00 NTU	114.4 mV	15.43 ft	200.00 ml/min
2/12/2025 11:00 AM	15:00	5.39 pH	14.63 °C	325.52 µS/cm	1.31 mg/L	20.90 NTU	89.6 mV	15.47 ft	200.00 ml/min
2/12/2025 11:05 AM	20:00	5.46 pH	14.50 °C	327.16 µS/cm	1.16 mg/L	13.30 NTU	78.8 mV	15.45 ft	200.00 ml/min
2/12/2025 11:10 AM	25:00	5.51 pH	14.49 °C	331.73 µS/cm	1.07 mg/L	9.10 NTU	71.4 mV	15.45 ft	200.00 ml/min
2/12/2025 11:15 AM	30:00	5.54 pH	14.49 °C	336.82 µS/cm	0.95 mg/L	7.35 NTU	63.4 mV	15.45 ft	200.00 ml/min
2/12/2025 11:20 AM	35:00	5.56 pH	14.72 °C	333.76 µS/cm	0.86 mg/L	5.84 NTU	61.1 mV	15.45 ft	200.00 ml/min
2/12/2025 11:25 AM	40:00	5.62 pH	14.69 °C	339.12 µS/cm	0.71 mg/L	4.58 NTU	51.3 mV	15.45 ft	200.00 ml/min
2/12/2025 11:30 AM	45:00	5.69 pH	14.77 °C	342.45 µS/cm	0.53 mg/L	4.83 NTU	37.2 mV	15.45 ft	200.00 ml/min
2/12/2025 11:35 AM	50:00	5.74 pH	14.50 °C	348.06 µS/cm	0.39 mg/L	3.92 NTU	30.6 mV	15.45 ft	200.00 ml/min
2/12/2025 11:40 AM	55:00	5.76 pH	14.58 °C	342.84 µS/cm	0.36 mg/L	4.68 NTU	28.3 mV	15.45 ft	200.00 ml/min

Samples

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

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/12/2025 9:05:21 AM
Project: GP- Plant Hammond
Operator Name: A. Tomlinson

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: 11.72 ft**	**Pump Type: Peristaltic** **Tubing Type: Poly** **Pump Intake From TOC: 22.13 ft** **Estimated Total Volume Pumped: 14 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 3.68 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 850735**

Test Notes:
Six bottles: Metals, Inorganics, and TDS.

Weather Conditions:
Cloudy, light rain, 43 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	
2/12/2025 9:05 AM	00:00	6.98 pH	13.72 °C	696.37 µS/cm	0.84 mg/L	47.00 NTU	46.6 mV	13.41 ft	200.00 ml/min
2/12/2025 9:10 AM	05:00	6.96 pH	13.98 °C	690.15 µS/cm	0.70 mg/L	41.80 NTU	31.5 mV	14.02 ft	200.00 ml/min
2/12/2025 9:15 AM	10:00	6.97 pH	13.91 °C	670.95 µS/cm	0.65 mg/L	27.90 NTU	14.1 mV	14.40 ft	200.00 ml/min
2/12/2025 9:20 AM	15:00	6.98 pH	13.94 °C	648.25 µS/cm	0.68 mg/L	24.60 NTU	4.2 mV	14.65 ft	200.00 ml/min
2/12/2025 9:25 AM	20:00	7.00 pH	13.90 °C	626.98 µS/cm	0.65 mg/L	20.00 NTU	-10.9 mV	14.82 ft	200.00 ml/min
2/12/2025 9:30 AM	25:00	7.02 pH	13.95 °C	600.37 µS/cm	0.57 mg/L	17.40 NTU	-19.3 mV	15.02 ft	200.00 ml/min
2/12/2025 9:35 AM	30:00	7.04 pH	13.86 °C	584.79 µS/cm	0.53 mg/L	12.60 NTU	-16.3 mV	15.05 ft	200.00 ml/min
2/12/2025 9:40 AM	35:00	7.05 pH	13.89 °C	573.92 µS/cm	0.55 mg/L	14.00 NTU	-19.7 mV	15.09 ft	200.00 ml/min
2/12/2025 9:45 AM	40:00	7.07 pH	14.05 °C	560.59 µS/cm	0.56 mg/L	9.69 NTU	-23.4 mV	15.21 ft	200.00 ml/min
2/12/2025 9:50 AM	45:00	7.07 pH	14.04 °C	559.65 µS/cm	0.54 mg/L	10.30 NTU	-25.4 mV	15.25 ft	200.00 ml/min
2/12/2025 9:55 AM	50:00	7.10 pH	13.98 °C	554.50 µS/cm	0.55 mg/L	9.39 NTU	-40.0 mV	15.25 ft	200.00 ml/min
2/12/2025 10:00 AM	55:00	7.09 pH	14.08 °C	556.12 µS/cm	0.52 mg/L	6.39 NTU	-30.4 mV	15.28 ft	200.00 ml/min
2/12/2025 10:05 AM	01:00:00	7.09 pH	14.36 °C	560.83 µS/cm	0.52 mg/L	5.43 NTU	-32.7 mV	15.34 ft	200.00 ml/min

2/12/2025 10:10 AM	01:05:00	7.09 pH	14.51 °C	559.16 µS/cm	0.52 mg/L	4.84 NTU	-33.9 mV	15.40 ft	200.00 ml/min

Samples

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

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/11/2025 3:18:05 PM
Project: GP- Plant Hammond
Operator Name: A. Tomlinson

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: 14.21 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: 0.33 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 850735**

Test Notes:
Six bottles: Metals, Inorganics, and TDS.

Weather Conditions:
Light rain, cloudy, 51 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	
2/11/2025 3:18 PM	00:00	7.19 pH	13.44 °C	359.40 µS/cm	1.52 mg/L	51.20 NTU	-88.1 mV	14.43 ft	200.00 ml/min
2/11/2025 3:23 PM	05:00	7.02 pH	14.55 °C	350.25 µS/cm	0.71 mg/L	9.70 NTU	-90.3 mV	14.47 ft	200.00 ml/min
2/11/2025 3:28 PM	10:00	6.97 pH	14.95 °C	351.33 µS/cm	0.62 mg/L	8.50 NTU	-90.8 mV	14.48 ft	200.00 ml/min
2/11/2025 3:33 PM	15:00	6.93 pH	15.01 °C	348.16 µS/cm	0.58 mg/L	4.28 NTU	-89.4 mV	14.50 ft	200.00 ml/min
2/11/2025 3:38 PM	20:00	6.91 pH	14.99 °C	346.52 µS/cm	0.56 mg/L	2.52 NTU	-89.0 mV	14.51 ft	200.00 ml/min
2/11/2025 3:43 PM	25:00	6.90 pH	15.07 °C	343.87 µS/cm	0.56 mg/L	2.66 NTU	-80.6 mV	14.53 ft	200.00 ml/min
2/11/2025 3:48 PM	30:00	6.89 pH	15.23 °C	343.06 µS/cm	0.56 mg/L	2.50 NTU	-100.2 mV	14.54 ft	200.00 ml/min

Samples

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

Low-Flow Test Report:

Test Date / Time: 2/11/2025 12:04:10 PM
Project: GP-Plant Hammond
Operator Name: Z. Webb

Location Name: GWC-10 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 23.98 ft** **Total Depth: 33.98 ft** **Initial Depth to Water: 13.89 ft**	**Pump Type: Peristaltic** **Tubing Type: Polyethylene** **Pump Intake From TOC: 28.98 ft** **Estimated Total Volume Pumped: 10 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.05 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 883530**

Test Notes:
Six bottles: Metals, Inorganics, and TDS.

Weather Conditions:
Overcast, 50 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/11/2025 12:04 PM	00:00	7.25 pH	13.82 °C	328.84 µS/cm	0.52 mg/L	67.10 NTU	-9.7 mV	13.89 ft	200.00 ml/min
2/11/2025 12:09 PM	05:00	7.36 pH	14.68 °C	321.19 µS/cm	0.38 mg/L	51.20 NTU	303.9 mV	13.93 ft	200.00 ml/min
2/11/2025 12:14 PM	10:00	7.40 pH	14.77 °C	320.21 µS/cm	0.34 mg/L	21.40 NTU	221.9 mV	13.94 ft	200.00 ml/min
2/11/2025 12:19 PM	15:00	7.43 pH	14.78 °C	317.02 µS/cm	0.30 mg/L	18.90 NTU	208.4 mV	13.94 ft	200.00 ml/min
2/11/2025 12:24 PM	20:00	7.45 pH	14.81 °C	315.53 µS/cm	0.35 mg/L	12.30 NTU	207.2 mV	13.94 ft	200.00 ml/min
2/11/2025 12:29 PM	25:00	7.45 pH	14.86 °C	314.80 µS/cm	0.44 mg/L	11.10 NTU	158.2 mV	13.94 ft	200.00 ml/min
2/11/2025 12:34 PM	30:00	7.46 pH	14.94 °C	312.86 µS/cm	0.34 mg/L	10.20 NTU	204.0 mV	13.94 ft	200.00 ml/min
2/11/2025 12:39 PM	35:00	7.47 pH	14.92 °C	311.32 µS/cm	0.29 mg/L	6.82 NTU	149.2 mV	13.94 ft	200.00 ml/min
2/11/2025 12:44 PM	40:00	7.47 pH	14.97 °C	309.38 µS/cm	0.27 mg/L	5.22 NTU	149.3 mV	13.94 ft	200.00 ml/min
2/11/2025 12:49 PM	45:00	7.47 pH	14.96 °C	307.27 µS/cm	0.24 mg/L	4.41 NTU	140.5 mV	13.94 ft	200.00 ml/min

Samples

Sample ID:	Description:

HAM-GWC-10	Grab.

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/12/2025 9:05:48 AM
Project: GP-Plant Hammond
Operator Name: T. Kessler

Location Name: GWC-18 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 47.02 ft** **Total Depth: 57.02 ft** **Initial Depth to Water: 12.86 ft**	**Pump Type: Peristaltic** **Tubing Type: Poly** **Pump Intake From TOC: 52.02 ft** **Estimated Total Volume Pumped: 8 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 1.46 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 989630**

Test Notes:
Six bottles: Metals, Inorganics, and TDS.

Weather Conditions:
Rainy, 39 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	
2/12/2025 9:05 AM	00:00	7.46 pH	14.34 °C	371.21 µS/cm	2.88 mg/L	1.07 NTU	125.1 mV	13.77 ft	200.00 ml/min
2/12/2025 9:10 AM	05:00	7.65 pH	14.54 °C	363.34 µS/cm	2.72 mg/L	0.27 NTU	123.4 mV	14.02 ft	200.00 ml/min
2/12/2025 9:15 AM	10:00	7.69 pH	14.18 °C	358.75 µS/cm	2.13 mg/L	0.33 NTU	100.0 mV	14.12 ft	200.00 ml/min
2/12/2025 9:20 AM	15:00	7.71 pH	14.19 °C	356.87 µS/cm	1.62 mg/L	0.21 NTU	77.7 mV	14.25 ft	200.00 ml/min
2/12/2025 9:25 AM	20:00	7.72 pH	14.03 °C	346.45 µS/cm	1.20 mg/L	0.31 NTU	41.0 mV	14.32 ft	200.00 ml/min
2/12/2025 9:30 AM	25:00	7.71 pH	13.81 °C	353.08 µS/cm	0.95 mg/L	0.11 NTU	42.7 mV	14.32 ft	200.00 ml/min
2/12/2025 9:35 AM	30:00	7.73 pH	13.76 °C	346.79 µS/cm	0.78 mg/L	0.15 NTU	23.1 mV	14.32 ft	200.00 ml/min
2/12/2025 9:40 AM	35:00	7.73 pH	14.12 °C	346.39 µS/cm	0.84 mg/L	0.64 NTU	19.4 mV	14.32 ft	200.00 ml/min

Samples

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

Low-Flow Test Report:

Test Date / Time: 2/11/2025 3:36:54 PM
Project: GP-Plant Hammond
Operator Name: T. Kessler

Location Name: GWC-19 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 47.51 ft** **Total Depth: 57.51 ft** **Initial Depth to Water: 19.3 ft**	**Pump Type: Peristaltic** **Tubing Type: Poly** **Pump Intake From TOC: 52.51 ft** **Estimated Total Volume Pumped: 7 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.4 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 989630**

Test Notes:
Six bottles: Metals, Inorganics, and TDS.

Weather Conditions:
Cloudy/Rainy, 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	
2/11/2025 3:36 PM	00:00	7.33 pH	13.53 °C	393.74 µS/cm	0.51 mg/L	3.12 NTU	-38.2 mV	19.64 ft	200.00 ml/min
2/11/2025 3:41 PM	05:00	7.41 pH	14.38 °C	391.01 µS/cm	0.25 mg/L	3.86 NTU	-67.6 mV	19.70 ft	200.00 ml/min
2/11/2025 3:46 PM	10:00	7.45 pH	14.67 °C	390.85 µS/cm	0.20 mg/L	3.68 NTU	-58.3 mV	19.70 ft	200.00 ml/min
2/11/2025 3:51 PM	15:00	7.45 pH	14.65 °C	395.02 µS/cm	0.17 mg/L	3.55 NTU	-59.8 mV	19.70 ft	200.00 ml/min
2/11/2025 3:56 PM	20:00	7.48 pH	14.60 °C	396.92 µS/cm	0.14 mg/L	3.37 NTU	-62.0 mV	19.70 ft	200.00 ml/min
2/11/2025 4:01 PM	25:00	7.49 pH	14.49 °C	397.63 µS/cm	0.12 mg/L	3.41 NTU	-62.4 mV	19.70 ft	200.00 ml/min
2/11/2025 4:06 PM	30:00	7.50 pH	14.40 °C	399.06 µS/cm	0.12 mg/L	2.82 NTU	-62.4 mV	19.70 ft	200.00 ml/min

Samples

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

Low-Flow Test Report:

Test Date / Time: 2/11/2025 1:55:36 PM
Project: GP- Plant Hammond
Operator Name: A. Tomlinson

Location Name: GWC-20 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 24.18 ft** **Total Depth: 34.18 ft** **Initial Depth to Water: 3.61 ft**	**Pump Type: Peristaltic** **Tubing Type: Poly** **Pump Intake From TOC: 29.18 ft** **Estimated Total Volume Pumped: 7 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 1.47 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 850735**

Test Notes:
Six bottles: Metals, Inorganics, and TDS.

Weather Conditions:
Cloudy, light rain, 48 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	
2/11/2025 1:55 PM	00:00	7.56 pH	13.54 °C	421.67 µS/cm	1.09 mg/L	12.30 NTU	27.3 mV	4.62 ft	200.00 ml/min
2/11/2025 2:00 PM	05:00	7.34 pH	13.44 °C	417.49 µS/cm	0.97 mg/L	14.60 NTU	-32.9 mV	4.74 ft	200.00 ml/min
2/11/2025 2:05 PM	10:00	7.29 pH	13.67 °C	421.25 µS/cm	0.70 mg/L	10.50 NTU	-40.1 mV	4.85 ft	200.00 ml/min
2/11/2025 2:10 PM	15:00	7.26 pH	13.87 °C	424.07 µS/cm	0.83 mg/L	7.69 NTU	-48.5 mV	4.95 ft	200.00 ml/min
2/11/2025 2:15 PM	20:00	7.27 pH	14.13 °C	426.17 µS/cm	0.73 mg/L	7.67 NTU	-59.8 mV	5.00 ft	200.00 ml/min
2/11/2025 2:20 PM	25:00	7.28 pH	14.08 °C	424.73 µS/cm	0.70 mg/L	9.63 NTU	-62.3 mV	5.04 ft	200.00 ml/min
2/11/2025 2:25 PM	30:00	7.28 pH	14.36 °C	425.43 µS/cm	0.70 mg/L	4.79 NTU	-69.8 mV	5.08 ft	200.00 ml/min

Samples

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

Low-Flow Test Report:

Test Date / Time: 2/11/2025 1:31:53 PM
Project: GP-Plant Hammond
Operator Name: T. Kessler

Location Name: GWC-21 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 8.23 ft** **Total Depth: 18.23 ft** **Initial Depth to Water: 4.78 ft**	**Pump Type: Peristaltic** **Tubing Type: Poly** **Pump Intake From TOC: 13.23 ft** **Estimated Total Volume Pumped: 15 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.17 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 989630**

Test Notes:
Six bottles: Metals, Inorganics, and TDS.

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	
2/11/2025 1:31 PM	00:00	7.11 pH	11.09 °C	350.51 µS/cm	3.14 mg/L	3.88 NTU	48.3 mV	4.95 ft	200.00 ml/min
2/11/2025 1:36 PM	05:00	7.04 pH	11.14 °C	348.58 µS/cm	3.04 mg/L	4.06 NTU	48.1 mV	4.95 ft	200.00 ml/min
2/11/2025 1:41 PM	10:00	7.00 pH	11.04 °C	342.47 µS/cm	2.82 mg/L	4.49 NTU	42.2 mV	4.95 ft	200.00 ml/min
2/11/2025 1:46 PM	15:00	6.91 pH	10.96 °C	322.97 µS/cm	2.42 mg/L	2.46 NTU	21.3 mV	4.95 ft	200.00 ml/min
2/11/2025 1:51 PM	20:00	6.84 pH	10.83 °C	307.18 µS/cm	2.15 mg/L	1.75 NTU	16.4 mV	4.95 ft	200.00 ml/min
2/11/2025 1:56 PM	25:00	6.78 pH	10.82 °C	292.79 µS/cm	1.95 mg/L	2.03 NTU	14.8 mV	4.95 ft	200.00 ml/min
2/11/2025 2:01 PM	30:00	6.70 pH	10.73 °C	273.60 µS/cm	1.69 mg/L	1.91 NTU	13.3 mV	4.95 ft	200.00 ml/min
2/11/2025 2:06 PM	35:00	6.65 pH	10.67 °C	255.36 µS/cm	1.47 mg/L	2.43 NTU	13.3 mV	4.95 ft	200.00 ml/min
2/11/2025 2:11 PM	40:00	6.59 pH	10.64 °C	244.65 µS/cm	1.34 mg/L	2.63 NTU	15.5 mV	4.95 ft	200.00 ml/min
2/11/2025 2:16 PM	45:00	6.55 pH	10.63 °C	236.91 µS/cm	1.16 mg/L	2.32 NTU	17.1 mV	4.95 ft	200.00 ml/min
2/11/2025 2:21 PM	50:00	6.51 pH	10.58 °C	224.18 µS/cm	1.00 mg/L	2.09 NTU	19.3 mV	4.95 ft	200.00 ml/min
2/11/2025 2:26 PM	55:00	6.47 pH	10.54 °C	215.74 µS/cm	0.86 mg/L	2.13 NTU	22.1 mV	4.95 ft	200.00 ml/min
2/11/2025 2:31 PM	01:00:00	6.43 pH	10.50 °C	206.59 µS/cm	0.74 mg/L	1.45 NTU	24.9 mV	4.95 ft	200.00 ml/min

2/11/2025 2:36 PM	01:05:00	6.42 pH	10.53 °C	205.17 µS/cm	0.65 mg/L	1.51 NTU	26.0 mV	4.95 ft	200.00 ml/min
2/11/2025 2:41 PM	01:10:00	6.40 pH	10.49 °C	201.86 µS/cm	0.58 mg/L	1.33 NTU	27.8 mV	4.95 ft	200.00 ml/min

Samples

Sample ID:	Description:
HAM-GWC-21	Grab.
HAM-HLF-FD-01	Grab.

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/11/2025 11:51:10 AM
Project: GP-Plant Hammond
Operator Name: T. Kessler

Location Name: GWC-22 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 31.91 ft** **Total Depth: 41.91 ft** **Initial Depth to Water: 2.68 ft**	**Pump Type: Peristaltic** **Tubing Type: Poly** **Pump Intake From TOC: 36.91 ft** **Estimated Total Volume Pumped: 12 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.69 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 989630**

Test Notes:
Six bottles: Metals, Inorganics, and TDS.

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	
2/11/2025 11:51 AM	00:00	7.63 pH	12.62 °C	341.01 µS/cm	2.16 mg/L	4.74 NTU	8.7 mV	3.36 ft	200.00 ml/min
2/11/2025 11:56 AM	05:00	7.49 pH	12.88 °C	345.28 µS/cm	1.09 mg/L	3.52 NTU	-29.1 mV	3.37 ft	200.00 ml/min
2/11/2025 12:01 PM	10:00	7.49 pH	12.94 °C	345.14 µS/cm	0.63 mg/L	2.27 NTU	-44.3 mV	3.37 ft	200.00 ml/min
2/11/2025 12:06 PM	15:00	7.51 pH	13.03 °C	345.95 µS/cm	0.69 mg/L	1.47 NTU	-52.0 mV	3.37 ft	200.00 ml/min
2/11/2025 12:11 PM	20:00	7.52 pH	12.94 °C	344.51 µS/cm	0.48 mg/L	2.11 NTU	-56.6 mV	3.37 ft	200.00 ml/min
2/11/2025 12:16 PM	25:00	7.53 pH	12.84 °C	345.61 µS/cm	0.42 mg/L	0.77 NTU	-61.2 mV	3.37 ft	200.00 ml/min
2/11/2025 12:21 PM	30:00	7.54 pH	12.94 °C	344.89 µS/cm	0.39 mg/L	0.65 NTU	-63.9 mV	3.37 ft	200.00 ml/min
2/11/2025 12:26 PM	35:00	7.56 pH	13.12 °C	344.21 µS/cm	0.40 mg/L	1.12 NTU	-66.6 mV	3.37 ft	200.00 ml/min
2/11/2025 12:31 PM	40:00	7.57 pH	13.23 °C	342.51 µS/cm	0.41 mg/L	1.01 NTU	-68.7 mV	3.37 ft	200.00 ml/min
2/11/2025 12:36 PM	45:00	7.58 pH	12.98 °C	343.34 µS/cm	0.38 mg/L	0.71 NTU	-68.7 mV	3.37 ft	200.00 ml/min
2/11/2025 12:41 PM	50:00	7.57 pH	13.15 °C	343.11 µS/cm	0.36 mg/L	1.13 NTU	-68.5 mV	3.37 ft	200.00 ml/min
2/11/2025 12:46 PM	55:00	7.58 pH	13.12 °C	342.91 µS/cm	0.41 mg/L	1.05 NTU	-67.7 mV	3.37 ft	200.00 ml/min

Samples

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

Low-Flow Test Report:

Test Date / Time: 2/12/2025 9:40:09 AM
Project: GP-Plant Hammond
Operator Name: Z. Webb

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: 8.68 ft**	**Pump Type: Peristaltic** **Tubing Type: Polyethylene** **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: 0.79 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 883530**

Test Notes:
Six bottles: Metals, Inorganics, and TDS.

Weather Conditions:
Rain, 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	
2/12/2025 9:40 AM	00:00	7.52 pH	11.80 °C	312.08 µS/cm	0.54 mg/L	30.70 NTU	-306.3 mV	8.68 ft	200.00 ml/min
2/12/2025 9:45 AM	05:00	7.44 pH	12.40 °C	299.91 µS/cm	0.59 mg/L	15.20 NTU	222.0 mV	9.13 ft	200.00 ml/min
2/12/2025 9:50 AM	10:00	7.37 pH	12.77 °C	300.17 µS/cm	0.55 mg/L	11.80 NTU	207.2 mV	9.28 ft	200.00 ml/min
2/12/2025 9:55 AM	15:00	7.32 pH	12.88 °C	296.99 µS/cm	0.48 mg/L	6.30 NTU	216.2 mV	9.36 ft	200.00 ml/min
2/12/2025 10:00 AM	20:00	7.28 pH	13.04 °C	291.90 µS/cm	0.36 mg/L	3.41 NTU	276.1 mV	9.41 ft	200.00 ml/min
2/12/2025 10:05 AM	25:00	7.26 pH	13.13 °C	290.16 µS/cm	0.29 mg/L	2.20 NTU	157.7 mV	9.45 ft	200.00 ml/min
2/12/2025 10:10 AM	30:00	7.24 pH	13.45 °C	287.70 µS/cm	0.25 mg/L	1.68 NTU	105.6 mV	9.47 ft	200.00 ml/min

Samples

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

CALIBRATION REPORTS

Site Name: GP - Plant Hammond

Field Instrumentation Calibration Form

Date: 2/11/2025

Calibrated By: A. Tomlinson

Field Conditions: 40s, cloudy

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aqua TROLL	850735
Turbidity Meter	LaMotte 2020e	1571 - 3019

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24010943	5/2025	ATR
pH (SU)	4.00	24010943	5/2025	ATR
pH (SU)	7.00	24009587	6/2025	ATR
pH (SU)	10.00	24004996	6/2025	ATR
D.O. (%)	N/A	24011792	N/A	N/A
ORP (mV)	228.0	24011792	4/2025	ATR

Calibration					
Time Start 0715		Time Finish 0740			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490.0	12.84	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	12.87	± 0.1	GWMP
pH (SU)	7.00	7.00	12.49	± 0.1	GWMP
pH (SU)	10.00	10.00	12.107	± 0.1	GWMP
D.O. (%)	N/A	100.8%	12.16	± 10%	NA
ORP (mV)	228.0	228.0	12.81	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0	± 10% of standard	EPA 2023
	1	1.00		
	10	10.00		

Calibration Check					
Time Start 1320		Time Finish 1335			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490.0	13.44	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	13.53	± 0.1	GWMP
pH (SU)	7.00	7.00	15.02	± 0.1	GWMP
pH (SU)	10.00	10.00	15.21	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0	± 10% of standard	EPA 2023
	1	1.00		
	10	10.00		

Notes:

Site Name: Plant Hammond

Calibrated By: T. Kressler

Field Instrumentation Calibration Form

Date: 7/11/2024

Field Conditions: Cloudy, 45°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Insitu/Hach-Hydrolab	9896351
Turbidity Meter	Lamotte	1139-TB

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24010943	5/2025	Insitu
pH (SU)	4.00	24010943	5/2025	Insitu
pH (SU)	7.00	24008587	6/2025	Insitu
pH (SU)	10.00	24000094418	6/2025	Insitu
D.O. (%)	N/A	—	—	—
ORP (mV)	228.0	24011792	6/2025	Insitu

Calibration					
Time Start 0714		Time Finish 0740			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	14.80	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	14.68	± 0.1	GWMP
pH (SU)	7.00	7.00	15.26	± 0.1	GWMP
pH (SU)	10.00	10.00	15.218	± 0.1	GWMP
D.O. (%)	N/A	100	15.23	± 10%	NA
ORP (mV)	228.0	228	15.53	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0	± 10% of standard	EPA 2023
	1	0.96		
	10	10.00		
	—	—		

Calibration Check					
Time Start 1121		Time Finish 1130			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4580	13.08	± 10% of standard	EPA 2023
pH (SU)	4.00	4.08	13.09	± 0.1	GWMP
pH (SU)	7.00	6.94	13.06	± 0.1	GWMP
pH (SU)	10.00	9.99	13.12	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0	± 10% of standard	EPA 2023
	1	.99		
	10	9.83		
	—	—		

Notes:

Site Name: Plant Hammond

Field Instrumentation Calibration Form

Date: 2-11-25

Calibrated By: Zain W.

Field Conditions: Overcast, 50°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTrol 400	883530
Turbidity Meter	LaMotte 2020e	4121-2623

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24010943	05/2025	AIR
pH (SU)	4.00	24010943	05/2025	AIR
pH (SU)	7.00	24008587	06/2025	AIR
pH (SU)	10.00	24004996	06/2025	AIR
D.O. (%)	N/A		—	AIR
ORP (mV)	228.0	24011992	06/2025	AIR

Calibration					
Time Start 0713			Time Finish 0743		
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	14.09	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	14.18	± 0.1	GWMP
pH (SU)	7.00	7.00	14.45	± 0.1	GWMP
pH (SU)	10.00	10.00	14.79	± 0.1	GWMP
D.O. (%)	N/A	100%	15.06	± 10%	NA
ORP (mV)	228.0	228.0	14.86	± 10	EPA 2023

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

Calibration Check					
Time Start 1347			Time Finish 1405		
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	12.34	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	12.76	± 0.1	GWMP
pH (SU)	7.00	7.00	13.54	± 0.1	GWMP
pH (SU)	10.00	10.00	13.91	± 0.1	GWMP

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

Notes:

Site Name: GP-Plant Hammond **Field Instrumentation Calibration Form** Date: 2/12/2025

Calibrated By: A. Tomlinson Field Conditions: 48°F, rain

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aqua TROLL	850735
Turbidity Meter	LaMotte 2020e	1571-309

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	2401094	5/2025	YSI
pH (SU)	4.00	2401094	5/2025	↓
pH (SU)	7.00	2400855	6/2025	
pH (SU)	10.00	2400499	6/2025	
D.O. (%)	N/A	N/A	N/A	
ORP (mV)	228.0	2401179	6/2025	

Calibration					
Time Start 0800		Time Finish 0820			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4,490.0	10.36	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	10.46	± 0.1	GWMP
pH (SU)	7.00	7.00	10.69	± 0.1	GWMP
pH (SU)	10.00	10.00	10.59	± 0.1	GWMP
D.O. (%)	N/A	100.1%	11.20	± 10%	NA
ORP (mV)	228.0	228.0	10.57	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0	± 10% of standard	EPA 2023
	1	1.00		
	10	10.0		

Calibration Check					
Time Start 1250		Time Finish 1300			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4,490.0	14.10	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	14.20	± 0.1	GWMP
pH (SU)	7.00	7.00	13.86	± 0.1	GWMP
pH (SU)	10.00	10.00	13.49	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.00	± 10% of standard	EPA 2023
	1	1.00		
	10	10.00		

Notes:

21/12/2025

Site Name: Plant Hammond

Field Instrumentation Calibration Form

Date: 2/12/2025

Calibrated By: T. Kessler

Field Conditions: Rainy, 39°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	In-Situ	989630
Turbidity Meter	Lamotte	T1359-2403

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24010943	05/2025	In-Situ
pH (SU)	4.00	24010943	05/2025	In-Situ
pH (SU)	7.00	24005587	06/2025	In-Situ
pH (SU)	10.00	24004986	06/2025	In-Situ
D.O. (%)	N/A	—	—	—
ORP (mV)	228.0	24011792	06/2025	In-Situ

Calibration					
Time Start 0753		Time Finish 0816			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	10.01	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	10.03	± 0.1	GWMP
pH (SU)	7.00	7.00	10.03	± 0.1	GWMP
pH (SU)	10.00	10.00	10.65	± 0.1	GWMP
D.O. (%)	N/A	100	11.74	± 10%	NA
ORP (mV)	228.0	228	10.82	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0	± 10% of standard	EPA 2023
	1	1.02		
	10	9.84		
	—	—		

Calibration Check					
Time Start 1200		Time Finish 1215			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4575.2	15.88	± 10% of standard	EPA 2023
pH (SU)	4.00	4.04	15.85	± 0.1	GWMP
pH (SU)	7.00	7.04	15.16	± 0.1	GWMP
pH (SU)	10.00	9.95	15.35	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0	± 10% of standard	EPA 2023
	1	1.05		
	10	9.95		
	—	—		

Notes:

Site Name: Plant Hammond

Field Instrumentation Calibration Form

Date: 2-12-25

Calibrated By: Zain W.

Field Conditions: Rain, 45°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aqua TROLL 600	883530
Turbidity Meter	LaMotte 2020e	4121-2623

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
Specific Conductance (µS/cm)	4,490	24010943	05/2025	AIR
pH (SU)	4.00	24010943	05/2025	AIR
pH (SU)	7.00	24008587	06/2025	AIR
pH (SU)	10.00	24004996	06/2025	AIR
D.O. (%)	N/A	–	–	AIR
ORP (mV)	228.0	24011792	06/2025	AIR

Calibration					
Time Start 0750		**Time Finish** 0815			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
Specific Conductance (µS/cm)	4,490	4490	10.83	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	10.85	± 0.1	GWMP
pH (SU)	7.00	7.00	11.74	± 0.1	GWMP
pH (SU)	10.00	10.00	12.07	± 0.1	GWMP
D.O. (%)	N/A	100.2	12.75	± 10%	NA
ORP (mV)	228.0	228.0	12.25	± 10	EPA 2023

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

Calibration Check					
Time Start 1500		**Time Finish** 1527			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
Specific Conductance (µS/cm)	4,490	4490	15.98	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	16.43	± 0.1	GWMP
pH (SU)	7.00	7.00	16.52	± 0.1	GWMP
pH (SU)	10.00	10.00	16.56	± 0.1	GWMP

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

Notes: Recalibrated ORP during midday

Geosyntec
consultants

APPENDIX C

Statistical Analyses Report

GROUNDWATER STATS CONSULTING

August 29, 2025

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

Re: Plant Hammond's Huffaker Road Landfill
Statistical Analysis – February 2025

Dear Ms. Jurinko,

Groundwater Stats Consulting, formerly the statistical consulting division of Sanitas Technologies, is pleased to provide the February 2025 Semi-Annual Groundwater Detection Monitoring statistical analysis of groundwater data for Georgia Power Company's Plant Hammond's Huffaker Road Landfill. The analysis complies with the federal rule for the Disposal of Coal Combustion Residuals (CCR) from Electric Utilities (CCR Rule, 2015), the Georgia Environmental Protection Division (EPD) Rules for Solid Waste Management Chapter 391-3-4-.10 and follows the United States Environmental Protection Agency (USEPA) Unified Guidance (2009).

Sampling began for the Georgia EPD parameters in 2007 and for the CCR program in 2016. At least 8 background samples have been collected at each of the groundwater monitoring wells. Semi-annual sampling for select constituents has been performed for several years in accordance with the Georgia Department of Natural Resources, Environmental Protection Division groundwater monitoring regulations; and all available data are screened in this report.

The monitoring well network, as provided by Southern Company Services, consists of the following:

- **Upgradient:** GWA-1, GWA-11, GWA-2, GWA-3, and GWA-4
- **Downgradient**: GWC-10, GWC-18, GWC-19, GWC-20, GWC-21, GWC-22, GWC-23, GWC-5, GWC-6, GWC-7, GWC-8, and GWC-9

Data were sent electronically to Groundwater Stats Consulting, and the statistical analysis was prepared according to the recommended statistical methodology provided in the Fall 2017 by Dr. Kirk Cameron, PhD Statistician with MacStat Consulting, primary author of the USEPA Unified Guidance. Data were sent electronically to Groundwater Stats Consulting, and the statistical analysis was reviewed by Kristina Rayner, Founder and Senior Statistician of Groundwater Stats Consulting. In 2024, Georgia Power Company completed a data audit and migration of all CCR related groundwater data to the EarthSoft EQuIS Database Management Program (EQuIS). Data were then exported from EQuIS to Groundwater Stats Consulting (GSC) for use in completing this statistical analysis. Georgia Power Company contracted an independent third-party consultant, Environmental Resources Management (ERM), to support the data audit and migration to EQuIS. Based on the results of the audit and statistical analysis results from GSC, EQuIS will now be used by Georgia Power Company and its third-party geologists and engineers for management of data imported by independent third-party laboratories and data exported by Georgia Power Company and its Consultants. The data will be used in preparation of report submittals, modeling, strategic planning, and other purposes appropriate and consistent with EQuIS's data management and reporting tools and capabilities.

The following constituents were evaluated:

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

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

A substitution of the most recent reporting limit is used for non-detect data. Reporting limits often decrease over time due to improved laboratory practices, which sometimes results in more conservative statistical limits compared to the previous statistical analysis. Such changes in reporting limits have occurred for beryllium, cadmium, chromium, cobalt, copper, fluoride, lead, nickel, selenium, silver, and zinc; therefore, prediction limits for these constituents have decreased over time at some of the wells. The most recent reporting limit is substituted on a well-by-well basis for computing intrawell prediction limits. Therefore, individual wells can have different substitutions for a given parameter depending on what the laboratory has reported for each well.

Time series plots for all well/constituent pairs are provided and are particularly useful for screening parameters detected in downgradient wells which require statistical analyses (Figure A). Additionally, a separate section of box plots is included for all constituents at upgradient and downgradient wells (Figure B). The time series plots are used to initially screen for suspected outliers and trends, while the box plots provide visual representation of variation within individual wells and between all wells. Values in background which have been flagged as outliers may be seen in a lighter font and as a disconnected symbol on the graphs. A summary of flagged outliers follows this report (Figure C).

In earlier analyses, data at all wells for constituents detected in downgradient wells were evaluated for the following: 1) outliers; 2) trends; 3) most appropriate statistical method based on site characteristics of groundwater data upgradient of the facility; and 4) eligibility of downgradient wells when intrawell statistical methods are recommended. Power curves were provided in the previous background update to demonstrate that the selected statistical methods for the parameters listed above comply with the USEPA Unified Guidance and the Georgia Environmental Protection Division Rules for Solid Waste Management Chapter 391-3-4-.10. The EPA suggests the selected statistical method should provide at least 55% power at 3 standard deviations or at least 80% power at 4 standard deviations. During the initial background screening of the Appendix III parameters, the 1-of-2 resample plan did not provide sufficient power; therefore, a 1-of-3 resample plan was initially recommended due to the limited background sample sizes in each of the wells at that time.

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

Georgia EPD Appendix I Constituents:

- Semi-Annual Sampling
- Intrawell Prediction Limits with 1-of-2 resample plan
- # Constituents: 15 (all Appendix I parameters)
- # Downgradient wells: 12

CCR Appendix III Constituents:

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

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

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

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

Two-Step Statistical Analysis

Intrawell statistical methods, combined with a 1-of-2 resample plan, may be used as a conservative first step for identifying potential facility impacts in downgradient wells. Intrawell methods use background data for individual wells and may be overly sensitive to spatial variation. In particular for nonparametric limits with small background sample sizes, the probability of a false positive is much higher than the desired annual sitewide rate of 10%. Therefore, a large number of exceedances may occur as a result of spatial variation rather than facility impacts. A second step can be used to further evaluate those exceedances and reduce the overall number of SSIs that result from spatial variation. In instances where intrawell statistical methods identify an apparent SSI, a second step of interwell statistical evaluation may be used to determine whether the measurement exceeds the sitewide background limit based on pooled upgradient well data. This is similar in concept to the procedure used in compliance monitoring programs where an interwell statistical limit is used to determine "background" (USEPA Unified Guidance (2009), Chapter 7, Section 7.5). For the detection monitoring program, if the result does not exceed sitewide (interwell) background, an SSI is not declared.

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

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

short-term and may be the result of spatial variation rather than facility impact to groundwater. If a facility impact has occurred, it will likely result in additional exceedances in future sampling events. When a statistically significant increasing trend is noted, additional data may be needed to determine whether the initial intrawell statistical exceedance is a result of spatial variation or an impact to groundwater quality downgradient of the facility.

Appendix I and Appendix III Background Update Summary – Conducted in 2024

Background data sets were evaluated in the 1st semi-annual 2024 report for updating statistical limits with data through August 2023 and the results of the update were included with that report. A summary of the 2024 update is discussed below.

Outlier Testing

Prior to updating background data, Tukey's outlier test and visual screening were used to evaluate Appendix III constituents from both upgradient and downgradient wells through August 2023, except for pH at downgradient well GWC-6 which was screened through November 2023 due to a resample. Tukey's test noted potential outliers in downgradient wells for all parameters, but not all of these values were flagged as some measurements appeared to be representative of spatial variation. Visual screening and Tukey's outlier test confirmed previously flagged values. Values not identified by Tukey's test but flagged in the data base (such as high values for sulfate at upgradient well GWA-3 and downgradient wells GWC-5 and GWC-23, and TDS at upgradient wells GWA-3 and GWA-4), were flagged in order to maintain conservative statistical limits. Any flagged data are displayed in a lighter font and as a disconnected symbol on the time series reports, as well as in a lighter font on the accompanying data pages. A summary of flagged outliers follows this letter (Figure C).

Mann-Whitney Testing

For constituents requiring intrawell prediction limits (all constituents in this instance), the Mann-Whitney (Wilcoxon Rank Sum) test was used to compare the medians of historical data through August 2021 for Appendix I and III constituents and to the new compliance samples at each well through August 2023, and through November 2023 for pH at downgradient well GWC-6. Any records that were truncated during previous updates to construct statistical limits representative of present-day groundwater quality conditions were evaluated using curtailed portions of their respective records for comparison of the more recent set of measurements through August/November 2023 with the Mann-Whitney test. Discussions of any truncated records were included in previous background

update reports. When the Mann-Whitney test determines the medians of the two groups are not significantly different at the 99% confidence level, background data are typically updated to include the newer compliance data.

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

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

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

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

All records were eligible for updating using data through August 2023, and the record for pH at well GWC-6 was updated through November 2023. A summary of special cases with background data sets utilizing a truncated portion of their record follows this letter. Any adjustments are shown in the Date Range Table in addition to adjustments listed from previous updates.

Evaluation of Georgia EPD Appendix I and CCR Appendix III Constituents – February 2025

Prediction Limits

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

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

Evaluation of Georgia EPD Appendix I Parameters – February 2025

For all Georgia EPD Appendix I parameters, intrawell prediction limits, combined with a 1-of-2 resample plan, were constructed using all available data for each well through August 2023, except for the cases mentioned above (Figure D). The February 2025 compliance data were compared to these intrawell background limits. No statistical analyses were included for well/constituent pairs with 100% non-detects. Previously flagged values were confirmed via visual screening during this analysis.

A summary of the Georgia EPD Appendix I intrawell prediction limits follows this report and no exceedances were identified.

Two-Step Approach

Following the Two-Step approach, interwell prediction limits are constructed using pooled upgradient well data for any apparent intrawell prediction limit exceedances among downgradient wells to further evaluate the exceedance. Since no exceedances were identified, no further action was required.

Trend Analysis

When prediction limit exceedances occur in any of the downgradient wells, data are further evaluated using the Sen's Slope/Mann Kendall trend test to determine whether concentrations are statistically increasing, decreasing, or stable at the 99% confidence level. Upgradient wells are included in the trend analyses to identify whether increasing or decreasing patterns exist upgradient of the site which is an indication of variability in groundwater unrelated to practices at the site. Since no exceedances were identified, no further action was required.

Evaluation of CCR Appendix III Parameters – February 2025

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/November 2023 (Figure G). The February 2025 sample from each downgradient well is compared to the background limit to determine whether there are exceedances over background. Previously flagged values were confirmed via visual screening during this analysis.

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

- Calcium: GWC-9
- Chloride: GWC-21
- Sulfate: GWA-2 (upgradient) and GWC-19
- TDS: GWA-2 (upgradient)

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

Two-Step Approach

When interwell prediction limits were constructed for the apparent intrawell prediction limit exceedances in downgradient wells, no exceedances were identified. A summary of the two-step interwell prediction limits follows this letter (Figure F).

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 G). The following statistically significant trends were identified:

Increasing:

- Calcium: GWA-2 (upgradient) and GWC-9
- Sulfate: GWA-2 (upgradient) and GWC-19

Decreasing:

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

Summary

Georgia EPD Appendix I Constituents

Based on the results of the Appendix I intrawell prediction limits, no statistically significant exceedances were identified.

CCR Appendix III Constituents

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

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

For Groundwater Stats Consulting,

Andrew T. Collins
Project Manager

Kristina L. Rayner
Senior Statistician

Table of Contents

Summary Tables	12
Figure A. Time Series	24
Figure B. Box Plots	140
Figure C. Outlier Summary	152
Figure D. Appendix I Prediction Limits	154
Figure E. Appendix III Intrawell Prediction Limits	362
Figure F. Appendix III Interwell Prediction Limits - Two-Step	515
Figure G. Appendix III Trend Tests	522

Summary Tables

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100% Non-Detects: Appendix I

Analysis Run 4/24/2025 10:19 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Antimony (mg/L)
GWC-20, GWC-21, GWC-23

Arsenic (mg/L)
GWA-1, GWA-2, GWC-6, GWC-10, GWC-19, GWC-20, GWC-22

Beryllium (mg/L)
GWA-1, GWA-2, GWA-4, GWA-11, GWC-5, GWC-6, GWC-8, GWC-9, GWC-10, GWC-18, GWC-20, GWC-21, GWC-22, GWC-23

Cadmium (mg/L)
GWA-1, GWA-2, GWA-3, GWA-11, GWC-6, GWC-19, GWC-22

Cobalt (mg/L)
GWC-18, GWC-19, GWC-20, GWC-22

Copper (mg/L)
GWA-1

Lead (mg/L)
GWA-1, GWA-2, GWA-4, GWC-9

Selenium (mg/L)
GWA-1, GWA-2, GWA-3, GWA-11, GWC-5, GWC-6, GWC-7, GWC-8, GWC-18, GWC-19, GWC-20, GWC-23

Silver (mg/L)
GWA-1, GWA-2, GWA-3, GWA-4, GWA-11, GWC-5, GWC-6, GWC-7, GWC-8, GWC-9, GWC-10, GWC-18, GWC-19, GWC-20, GWC-22, GWC-23

Thallium (mg/L)
GWA-2, GWA-3, GWA-4, GWA-11, GWC-5, GWC-6, GWC-8, GWC-9, GWC-10, GWC-18, GWC-19, GWC-20, GWC-21, GWC-22, GWC-23

Vanadium (mg/L)
GWA-2, GWA-3, GWA-11, GWC-6, GWC-10, GWC-18, GWC-19, GWC-20, GWC-22

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Date Ranges

Date: 4/23/2025 5:07 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

Barium (mg/L)
- GWA-2 background:4/13/2010-8/14/2023
- GWA-4 background:4/13/2010-8/14/2023
- GWC-6 background:4/13/2010-8/14/2023
- GWC-7 background:4/3/2012-8/15/2023
- GWC-9 background:4/13/2010-8/15/2023
- GWC-19 background:4/13/2010-8/15/2023
- GWC-22 background:4/13/2010-8/15/2023

Beryllium (mg/L)
- GWC-7 background:4/5/2011-8/15/2023

Cobalt (mg/L)
- GWC-7 background:3/12/2013-8/15/2023

Nickel (mg/L)
- GWC-7 background:3/12/2013-8/15/2023

Sulfate (mg/L)
- GWC-20 background:4/9/2019-8/15/2023

Zinc (mg/L)
- GWC-7 background:3/13/2013-8/15/2023

Appendix I Intrawell Prediction Limits - All Results (No Significant)

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 4/24/2025, 10:23 AM

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	2/11/2025	0.003ND	No	42	n/a	n/a	92.86	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-2	0.003	n/a	2/11/2025	0.003ND	No	42	n/a	n/a	92.86	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-3	0.003	n/a	2/11/2025	0.003ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-4	0.003	n/a	2/11/2025	0.003ND	No	42	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-11	0.003	n/a	2/11/2025	0.003ND	No	42	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-5	0.003	n/a	2/11/2025	0.003ND	No	42	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-6	0.003	n/a	2/12/2025	0.003ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-7	0.003	n/a	2/12/2025	0.003ND	No	42	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-8	0.003	n/a	2/12/2025	0.003ND	No	41	n/a	n/a	95.12	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-9	0.003	n/a	2/11/2025	0.003ND	No	42	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-10	0.003	n/a	2/11/2025	0.003ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-18	0.003	n/a	2/12/2025	0.003ND	No	42	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-19	0.003	n/a	2/11/2025	0.003ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-22	0.003	n/a	2/11/2025	0.003ND	No	42	n/a	n/a	100	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-3	0.005	n/a	2/11/2025	0.005ND	No	42	n/a	n/a	71.43	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-4	0.0065	n/a	2/11/2025	0.005ND	No	42	n/a	n/a	88.1	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-11	0.005	n/a	2/11/2025	0.005ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-5	0.005	n/a	2/11/2025	0.005ND	No	42	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-7	0.011	n/a	2/12/2025	0.0063	No	42	n/a	n/a	35.71	n/a	n/a	0.001077	NP Intra (normality) 1 of 2
Arsenic (mg/L)	GWC-8	0.005	n/a	2/12/2025	0.005ND	No	42	n/a	n/a	73.81	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-9	0.005	n/a	2/11/2025	0.005ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-18	0.005	n/a	2/12/2025	0.005ND	No	42	n/a	n/a	92.86	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-21	0.005	n/a	2/11/2025	0.005ND	No	41	n/a	n/a	82.93	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-23	0.005	n/a	2/12/2025	0.005ND	No	43	n/a	n/a	95.35	n/a	n/a	0.001037	NP Intra (NDs) 1 of 2
Barium (mg/L)	GWA-1	0.04952	n/a	2/11/2025	0.033	No	42	0.03893	0.004587	0	None	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWA-2	0.2034	n/a	2/11/2025	0.2	No	33	0.1691	0.01447	0	None	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWA-3	0.238	n/a	2/11/2025	0.081	No	42	0.1579	0.03471	0	None	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWA-4	0.06004	n/a	2/11/2025	0.035	No	33	0.04531	0.006216	0	None	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWA-11	0.0425	n/a	2/11/2025	0.031	No	42	n/a	n/a	0	n/a	n/a	0.001077	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-5	0.1335	n/a	2/11/2025	0.073	No	42	0.09442	0.0169	0	None	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWC-6	0.2084	n/a	2/12/2025	0.14	No	33	0.1476	0.02565	0	None	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWC-7	0.4226	n/a	2/12/2025	0.04	No	29	0.3433	0.1271	0	None	sqrt(x)	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWC-8	0.23	n/a	2/12/2025	0.14	No	44	n/a	n/a	0	n/a	n/a	0.0009963	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-9	0.07353	n/a	2/11/2025	0.071	No	32	0.06198	0.004851	0	None	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWC-10	0.2006	n/a	2/11/2025	0.14	No	45	0.1287	0.03134	0	None	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWC-18	0.09142	n/a	2/12/2025	0.082	No	42	0.07482	0.007187	0	None	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWC-19	0.1695	n/a	2/11/2025	0.15	No	33	0.0004226	0.0001701	0	None	x^4	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWC-20	0.1591	n/a	2/11/2025	0.14	No	42	0.1206	0.01669	0	None	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWC-21	0.19	n/a	2/11/2025	0.054	No	41	n/a	n/a	0	n/a	n/a	0.001118	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-22	0.121	n/a	2/11/2025	0.091	No	33	n/a	n/a	0	n/a	n/a	0.001701	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-23	0.0969	n/a	2/12/2025	0.068	No	43	0.06665	0.01312	0	None	No	0.0002926	Param Intra 1 of 2
Beryllium (mg/L)	GWA-3	0.0005	n/a	2/11/2025	0.0005ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-7	0.00302	n/a	2/12/2025	0.00016J	No	31	-8.586	1.165	32.26	Kaplan-Meier	ln(x)	0.0002926	Param Intra 1 of 2
Beryllium (mg/L)	GWC-19	0.0005	n/a	2/11/2025	0.0005ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-4	0.0005	n/a	2/11/2025	0.0005ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-5	0.0015	n/a	2/11/2025	0.0005ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-7	0.0035	n/a	2/12/2025	0.0005ND	No	40	n/a	n/a	87.5	n/a	n/a	0.001159	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-8	0.0005	n/a	2/12/2025	0.0005ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-9	0.0005	n/a	2/11/2025	0.0005ND	No	42	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-10	0.0005	n/a	2/11/2025	0.0005ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-18	0.0005	n/a	2/12/2025	0.0005ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-20	0.0005	n/a	2/11/2025	0.0005ND	No	41	n/a	n/a	97.56	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-21	0.0005	n/a	2/11/2025	0.0005ND	No	41	n/a	n/a	95.12	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-23	0.0005	n/a	2/12/2025	0.0005ND	No	43	n/a	n/a	97.67	n/a	n/a	0.001037	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-1	0.016	n/a	2/11/2025	0.005ND	No	42	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results (No Significant)

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 4/24/2025, 10:23 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chromium (mg/L)	GWA-2	0.005	n/a	2/11/2025	0.005ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-3	0.005	n/a	2/11/2025	0.005ND	No	42	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-4	0.005	n/a	2/11/2025	0.005ND	No	42	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-11	0.005	n/a	2/11/2025	0.005ND	No	42	n/a	n/a	92.86	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-5	0.005	n/a	2/11/2025	0.005ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-6	0.005	n/a	2/12/2025	0.005ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-7	0.005	n/a	2/12/2025	0.005ND	No	41	n/a	n/a	82.93	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-8	0.033	n/a	2/12/2025	0.005ND	No	42	n/a	n/a	88.1	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-9	0.005	n/a	2/11/2025	0.005ND	No	42	n/a	n/a	92.86	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-10	0.005	n/a	2/11/2025	0.005ND	No	42	n/a	n/a	90.48	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-18	0.005	n/a	2/12/2025	0.005ND	No	42	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-19	0.005	n/a	2/11/2025	0.005ND	No	42	n/a	n/a	92.86	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-20	0.0064	n/a	2/11/2025	0.005ND	No	41	n/a	n/a	92.68	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-21	0.005	n/a	2/11/2025	0.005ND	No	41	n/a	n/a	95.12	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-22	0.005	n/a	2/11/2025	0.005ND	No	42	n/a	n/a	90.48	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-23	0.0051	n/a	2/12/2025	0.005ND	No	43	n/a	n/a	95.35	n/a	n/a	0.001037	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-1	0.005	n/a	2/11/2025	0.005ND	No	42	n/a	n/a	54.76	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-2	0.005	n/a	2/11/2025	0.005ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-3	0.005	n/a	2/11/2025	0.005ND	No	42	n/a	n/a	83.33	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-4	0.005	n/a	2/11/2025	0.005ND	No	42	n/a	n/a	64.29	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-11	0.005	n/a	2/11/2025	0.005ND	No	42	n/a	n/a	47.62	n/a	n/a	0.001077	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWC-5	0.005	n/a	2/11/2025	0.005ND	No	42	n/a	n/a	85.71	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-6	0.005	n/a	2/12/2025	0.005ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-7	0.07801	n/a	2/12/2025	0.03	No	27	0.1553	0.05079	0	None	sqrt(x)	0.0002926	Param Intra 1 of 2
Cobalt (mg/L)	GWC-8	0.0079	n/a	2/12/2025	0.005ND	No	42	n/a	n/a	71.43	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-9	0.005	n/a	2/11/2025	0.005ND	No	42	n/a	n/a	85.71	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-10	0.005	n/a	2/11/2025	0.005ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-21	0.01	n/a	2/11/2025	0.0026J	No	41	n/a	n/a	48.78	n/a	n/a	0.001118	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWC-23	0.005	n/a	2/12/2025	0.005ND	No	43	n/a	n/a	90.7	n/a	n/a	0.001037	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-2	0.005	n/a	2/11/2025	0.005ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-3	0.005	n/a	2/11/2025	0.005ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-4	0.0066	n/a	2/11/2025	0.005ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-11	0.005	n/a	2/11/2025	0.005ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-5	0.005	n/a	2/11/2025	0.005ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-6	0.005	n/a	2/12/2025	0.005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-7	0.016	n/a	2/12/2025	0.005ND	No	36	n/a	n/a	80.56	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-8	0.015	n/a	2/12/2025	0.005ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-9	0.005	n/a	2/11/2025	0.005ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-10	0.005	n/a	2/11/2025	0.005ND	No	38	n/a	n/a	92.11	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-18	0.005	n/a	2/12/2025	0.005ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-19	0.005	n/a	2/11/2025	0.005ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-20	0.005	n/a	2/11/2025	0.005ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-21	0.005	n/a	2/11/2025	0.005ND	No	36	n/a	n/a	75	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-22	0.005	n/a	2/11/2025	0.005ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-23	0.0084	n/a	2/12/2025	0.005ND	No	38	n/a	n/a	76.32	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-3	0.001	n/a	2/11/2025	0.001ND	No	42	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-11	0.001	n/a	2/11/2025	0.001ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-5	0.001	n/a	2/11/2025	0.001ND	No	42	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-6	0.001	n/a	2/12/2025	0.001ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-7	0.0016	n/a	2/12/2025	0.001ND	No	42	n/a	n/a	78.57	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-8	0.001	n/a	2/12/2025	0.001ND	No	42	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-10	0.001	n/a	2/11/2025	0.001ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-18	0.001	n/a	2/12/2025	0.001ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-19	0.001	n/a	2/11/2025	0.001ND	No	42	n/a	n/a	92.86	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-20	0.001	n/a	2/11/2025	0.001ND	No	41	n/a	n/a	97.56	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results (No Significant)

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 4/24/2025, 10:23 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Lead (mg/L)	GWC-21	0.001	n/a	2/11/2025	0.001ND	No	41	n/a	n/a	90.24	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-22	0.001	n/a	2/11/2025	0.001ND	No	42	n/a	n/a	90.48	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-23	0.001	n/a	2/12/2025	0.001ND	No	43	n/a	n/a	86.05	n/a	n/a	0.001037	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-1	0.005	n/a	2/11/2025	0.005ND	No	37	n/a	n/a	81.08	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-2	0.005	n/a	2/11/2025	0.005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-3	0.005	n/a	2/11/2025	0.005ND	No	37	n/a	n/a	78.38	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-4	0.0055	n/a	2/11/2025	0.005ND	No	37	n/a	n/a	54.05	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-11	0.005	n/a	2/11/2025	0.0022J	No	37	n/a	n/a	48.65	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWC-5	0.005	n/a	2/11/2025	0.005ND	No	37	n/a	n/a	81.08	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-6	0.005	n/a	2/12/2025	0.005ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-7	0.2607	n/a	2/12/2025	0.14	No	22	0.09873	0.06395	0	None	No	0.0002926	Param Intra 1 of 2
Nickel (mg/L)	GWC-8	0.016	n/a	2/12/2025	0.005ND	No	38	n/a	n/a	78.95	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-9	0.005	n/a	2/11/2025	0.0025J	No	37	n/a	n/a	48.65	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWC-10	0.005	n/a	2/11/2025	0.005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-18	0.005	n/a	2/12/2025	0.005ND	No	37	n/a	n/a	75.68	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-19	0.0062	n/a	2/11/2025	0.005ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-20	0.005	n/a	2/11/2025	0.005ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-21	0.009936	n/a	2/11/2025	0.0052	No	37	0.06313	0.01563	16.22	Kaplan-Meier	sqrt(x)	0.0002926	Param Intra 1 of 2
Nickel (mg/L)	GWC-22	0.005	n/a	2/11/2025	0.005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-23	0.005	n/a	2/12/2025	0.005ND	No	38	n/a	n/a	71.05	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-4	0.005	n/a	2/11/2025	0.005ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-9	0.005	n/a	2/11/2025	0.005ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-10	0.005	n/a	2/11/2025	0.005ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-21	0.005	n/a	2/11/2025	0.005ND	No	41	n/a	n/a	95.12	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-22	0.005	n/a	2/11/2025	0.005ND	No	42	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-21	0.005	n/a	2/11/2025	0.005ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-1	0.001	n/a	2/11/2025	0.001ND	No	41	n/a	n/a	97.56	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-7	0.001	n/a	2/12/2025	0.001ND	No	41	n/a	n/a	97.56	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-1	0.01	n/a	2/11/2025	0.01ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-4	0.01	n/a	2/11/2025	0.01ND	No	37	n/a	n/a	100	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-5	0.01	n/a	2/11/2025	0.01ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-7	0.01	n/a	2/12/2025	0.01ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-8	0.034	n/a	2/12/2025	0.01ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-9	0.01	n/a	2/11/2025	0.01ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-21	0.01	n/a	2/11/2025	0.01ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-23	0.01	n/a	2/12/2025	0.01ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-1	0.02	n/a	2/11/2025	0.02ND	No	37	n/a	n/a	78.38	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-2	0.02	n/a	2/11/2025	0.02ND	No	37	n/a	n/a	72.97	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-3	0.02	n/a	2/11/2025	0.02ND	No	37	n/a	n/a	62.16	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-4	0.02	n/a	2/11/2025	0.02ND	No	37	n/a	n/a	40.54	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWA-11	0.02	n/a	2/11/2025	0.02ND	No	37	n/a	n/a	70.27	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-5	0.01	n/a	2/11/2025	0.0029J	No	37	n/a	n/a	64.86	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-6	0.02	n/a	2/12/2025	0.02ND	No	37	n/a	n/a	75.68	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-7	0.4896	n/a	2/12/2025	0.22	No	21	0.1745	0.1234	0	None	No	0.0002926	Param Intra 1 of 2
Zinc (mg/L)	GWC-8	0.045	n/a	2/12/2025	0.02ND	No	37	n/a	n/a	72.97	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-9	0.02	n/a	2/11/2025	0.02ND	No	37	n/a	n/a	70.27	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-10	0.02	n/a	2/11/2025	0.02ND	No	37	n/a	n/a	81.08	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-18	0.02	n/a	2/12/2025	0.02ND	No	37	n/a	n/a	72.97	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-19	0.02	n/a	2/11/2025	0.02ND	No	37	n/a	n/a	64.86	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-20	0.02	n/a	2/11/2025	0.02ND	No	36	n/a	n/a	83.33	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-21	0.0108	n/a	2/11/2025	0.0058J	No	36	n/a	n/a	25	n/a	n/a	0.001429	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-22	0.02	n/a	2/11/2025	0.02ND	No	37	n/a	n/a	83.78	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-23	0.01	n/a	2/12/2025	0.0029J	No	38	n/a	n/a	57.89	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2

Appendix III Intrawell Prediction Limits - Significant Results

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 6/10/2025, 3:35 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	**GWC-9**	**40.48**	**n/a**	**2/11/2025**	**40.9**	**Yes**	**21**	**35.82**	**2.008**	**0**	**None**	**No**	**0.0006269**	**Param Intra 1 of 2**
Chloride (mg/L)	**GWC-21**	**4.703**	**n/a**	**2/11/2025**	**5.5**	**Yes**	**22**	**2.662**	**0.886**	**0**	**None**	**No**	**0.0006269**	**Param Intra 1 of 2**
Sulfate (mg/L)	**GWA-2**	**25.18**	**n/a**	**2/11/2025**	**33.8**	**Yes**	**21**	**16.94**	**3.554**	**0**	**None**	**No**	**0.0006269**	**Param Intra 1 of 2**
Sulfate (mg/L)	**GWC-19**	**22.7**	**n/a**	**2/11/2025**	**26.8**	**Yes**	**21**	**17.2**	**2.369**	**0**	**None**	**No**	**0.0006269**	**Param Intra 1 of 2**
TDS (mg/L)	**GWA-2**	**280.3**	**n/a**	**2/11/2025**	**292**	**Yes**	**21**	**228**	**22.53**	**0**	**None**	**No**	**0.0006269**	**Param Intra 1 of 2**

Appendix III Intrawell Prediction Limits - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 6/10/2025, 3:35 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	0.049	n/a	2/11/2025	0.019J	No	21	n/a	n/a	9.524	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Boron (mg/L)	GWA-2	0.1018	n/a	2/11/2025	0.094	No	21	0.08654	0.006575	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWA-3	0.1929	n/a	2/11/2025	0.11	No	21	0.1429	0.02156	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWA-4	0.1334	n/a	2/11/2025	0.044	No	21	0.08657	0.02019	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWA-11	0.04261	n/a	2/11/2025	0.039J	No	21	0.03647	0.002646	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-5	0.08069	n/a	2/11/2025	0.046	No	21	0.05775	0.009887	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-6	0.04623	n/a	2/12/2025	0.044	No	22	0.03968	0.002845	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-7	0.07524	n/a	2/12/2025	0.026J	No	21	0.05036	0.01072	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-8	0.1025	n/a	2/12/2025	0.042	No	22	-3.31	0.448	0	None	ln(x)	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-9	0.02283	n/a	2/11/2025	0.017J	No	21	0.01624	0.002837	4.762	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-10	0.04275	n/a	2/11/2025	0.041	No	21	0.03408	0.003737	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-18	0.1499	n/a	2/12/2025	0.14	No	21	0.129	0.008992	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-19	0.2087	n/a	2/11/2025	0.16	No	21	0.1683	0.01739	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-20	0.02547	n/a	2/11/2025	0.018J	No	21	0.01778	0.003312	4.762	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-21	0.1187	n/a	2/11/2025	0.021J	No	21	-3.445	0.5661	0	None	ln(x)	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-22	0.08042	n/a	2/11/2025	0.069	No	21	0.06582	0.006291	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-23	0.0808	n/a	2/12/2025	0.019J	No	20	0.1811	0.04411	5	None	sqrt(x)	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWA-1	20.58	n/a	2/11/2025	14.1	No	21	16.38	1.811	4.762	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWA-2	57.38	n/a	2/11/2025	57.2	No	21	44.83	5.409	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWA-3	93.72	n/a	2/11/2025	65.7	No	21	72.29	9.235	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWA-4	118.7	n/a	2/11/2025	76	No	21	84.71	14.64	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWA-11	25.23	n/a	2/11/2025	21	No	21	423.9	91.74	4.762	None	x^2	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-5	89.77	n/a	2/11/2025	75.5	No	21	75.57	6.12	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-6	76.07	n/a	2/12/2025	69.3	No	21	64.92	4.805	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-7	75.82	n/a	2/12/2025	18.5	No	22	39.27	15.87	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-8	105.3	n/a	2/12/2025	91.8	No	24	70.51	15.34	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	**GWC-9**	**40.48**	**n/a**	**2/11/2025**	**40.9**	**Yes**	**21**	**35.82**	**2.008**	**0**	**None**	**No**	**0.0006269**	**Param Intra 1 of 2**
Calcium (mg/L)	GWC-10	59.58	n/a	2/11/2025	46.2	No	23	41.64	7.848	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-18	52.22	n/a	2/12/2025	43.6	No	22	6.454	0.3355	0	None	sqrt(x)	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-19	51.58	n/a	2/11/2025	48.6	No	22	44.83	2.934	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-20	71.97	n/a	2/11/2025	63.9	No	22	56.93	6.529	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-21	88.36	n/a	2/11/2025	28.1	No	24	45.41	18.94	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-22	53.53	n/a	2/11/2025	50.1	No	21	48.05	2.361	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-23	61.59	n/a	2/12/2025	42.8	No	22	3.438	0.2222	0	None	x^(1/3)	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWA-1	1.6	n/a	2/11/2025	1.3	No	21	n/a	n/a	0	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWA-2	2.951	n/a	2/11/2025	2.7	No	21	2.352	0.2582	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWA-3	5.761	n/a	2/11/2025	1.3	No	21	3.197	1.105	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWA-4	10.08	n/a	2/11/2025	2	No	21	5.299	2.059	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWA-11	1.98	n/a	2/11/2025	1.3	No	21	1.381	0.2581	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-5	4.049	n/a	2/11/2025	2.7	No	21	2.689	0.586	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-6	2.373	n/a	2/12/2025	1.5	No	21	1.83	0.234	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-7	2.224	n/a	2/12/2025	1.9	No	21	1.634	0.2545	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-8	3.316	n/a	2/12/2025	2.1	No	23	2.05	0.554	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-9	1.693	n/a	2/11/2025	1	No	21	1.04	0.2817	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-10	2.156	n/a	2/11/2025	1.3	No	23	1.462	0.3036	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-18	1.857	n/a	2/12/2025	0.8J	No	21	1.213	0.2777	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-19	2.569	n/a	2/11/2025	1.4	No	21	1.666	0.3892	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-20	2.32	n/a	2/11/2025	1.5	No	22	1.487	0.3614	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	**GWC-21**	**4.703**	**n/a**	**2/11/2025**	**5.5**	**Yes**	**22**	**2.662**	**0.886**	**0**	**None**	**No**	**0.0006269**	**Param Intra 1 of 2**
Chloride (mg/L)	GWC-22	2.07	n/a	2/11/2025	1.4	No	21	1.341	0.3139	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-23	2.227	n/a	2/12/2025	1	No	21	1.302	0.3984	4.762	None	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWA-1	0.1782	n/a	2/11/2025	0.087J	No	21	0.1001	0.03365	4.762	None	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWA-2	0.2206	n/a	2/11/2025	0.075J	No	21	0.1177	0.04434	4.762	None	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWA-3	0.4711	n/a	2/11/2025	0.087J	No	21	0.4185	0.1155	4.762	None	sqrt(x)	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWA-4	0.4646	n/a	2/11/2025	0.12	No	21	-1.817	0.4525	0	None	ln(x)	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWA-11	0.1491	n/a	2/11/2025	0.055J	No	21	0.0736	0.03255	14.29	None	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-5	0.33	n/a	2/11/2025	0.05J	No	21	n/a	n/a	19.05	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-6	0.2679	n/a	2/12/2025	0.091J	No	21	0.3012	0.09327	9.524	None	sqrt(x)	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-7	0.475	n/a	2/12/2025	0.25	No	21	0.5972	0.07889	0	None	x^(1/3)	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-8	0.4	n/a	2/12/2025	0.15	No	22	n/a	n/a	0	n/a	n/a	0.003707	NP Intra (normality) 1 of 2

Appendix III Intrawell Prediction Limits - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 6/10/2025, 3:35 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Fluoride (mg/L)	GWC-9	0.1618	n/a	2/11/2025	0.068J	No	21	0.09042	0.03075	4.762	None	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-10	0.1772	n/a	2/11/2025	0.072J	No	21	0.1006	0.033	9.524	None	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-18	0.2074	n/a	2/12/2025	0.14	No	21	0.1351	0.03117	4.762	None	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-19	0.2456	n/a	2/11/2025	0.099J	No	21	0.3685	0.05476	4.762	None	sqrt(x)	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-20	0.1789	n/a	2/11/2025	0.06J	No	21	0.2855	0.05927	4.762	None	sqrt(x)	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-21	0.1935	n/a	2/11/2025	0.1ND	No	21	0.08248	0.04786	28.57	Kaplan-Meier	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-22	0.1451	n/a	2/11/2025	0.064J	No	21	0.08521	0.02581	4.762	None	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-23	0.172	n/a	2/12/2025	0.12	No	21	0.1019	0.03019	4.762	None	No	0.0006269	Param Intra 1 of 2
pH, Field (SU)	GWA-1	7.449	6.569	2/11/2025	6.89	No	21	7.009	0.1898	0	None	No	0.0003135	Param Intra 1 of 2
pH, Field (SU)	GWA-2	7.225	6.588	2/11/2025	6.76	No	21	6.907	0.1371	0	None	No	0.0003135	Param Intra 1 of 2
pH, Field (SU)	GWA-3	7.158	6.347	2/11/2025	6.76	No	21	6.752	0.1747	0	None	No	0.0003135	Param Intra 1 of 2
pH, Field (SU)	GWA-4	7.177	6.392	2/11/2025	6.98	No	21	6.785	0.1691	0	None	No	0.0003135	Param Intra 1 of 2
pH, Field (SU)	GWA-11	7.117	6.379	2/11/2025	6.84	No	21	6.748	0.1589	0	None	No	0.0003135	Param Intra 1 of 2
pH, Field (SU)	GWC-5	7.18	6.505	2/11/2025	6.9	No	21	6.842	0.1455	0	None	No	0.0003135	Param Intra 1 of 2
pH, Field (SU)	GWC-6	7.487	6.587	2/12/2025	7.15	No	28	7.037	0.2031	0	None	No	0.0003135	Param Intra 1 of 2
pH, Field (SU)	GWC-7	6.752	5.525	2/12/2025	5.76	No	25	6.138	0.2728	0	None	No	0.0003135	Param Intra 1 of 2
pH, Field (SU)	GWC-8	7.754	6.649	2/12/2025	7.09	No	31	7.202	0.2527	0	None	No	0.0003135	Param Intra 1 of 2
pH, Field (SU)	GWC-9	7.362	6.384	2/11/2025	6.89	No	23	6.873	0.2141	0	None	No	0.0003135	Param Intra 1 of 2
pH, Field (SU)	GWC-10	7.722	6.882	2/11/2025	7.47	No	25	7.302	0.1867	0	None	No	0.0003135	Param Intra 1 of 2
pH, Field (SU)	GWC-18	7.775	7.389	2/12/2025	7.73	No	23	7.582	0.08447	0	None	No	0.0003135	Param Intra 1 of 2
pH, Field (SU)	GWC-19	7.775	7.226	2/11/2025	7.5	No	24	7.5	0.1211	0	None	No	0.0003135	Param Intra 1 of 2
pH, Field (SU)	GWC-20	7.687	6.925	2/11/2025	7.28	No	28	7.306	0.1718	0	None	No	0.0003135	Param Intra 1 of 2
pH, Field (SU)	GWC-21	7.47	5.664	2/11/2025	6.4	No	25	6.567	0.4014	0	None	No	0.0003135	Param Intra 1 of 2
pH, Field (SU)	GWC-22	7.94	7.325	2/11/2025	7.58	No	23	7.633	0.1346	0	None	No	0.0003135	Param Intra 1 of 2
pH, Field (SU)	GWC-23	7.465	6.714	2/12/2025	7.24	No	21	7.09	0.1617	0	None	No	0.0003135	Param Intra 1 of 2
Sulfate (mg/L)	GWA-1	6.11	n/a	2/11/2025	3.7	No	21	2.167	0.1313	0	None	sqrt(x)	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	**GWA-2**	**25.18**	**n/a**	**2/11/2025**	**33.8**	**Yes**	**21**	**16.94**	**3.554**	**0**	**None**	**No**	**0.0006269**	**Param Intra 1 of 2**
Sulfate (mg/L)	GWA-3	159.8	n/a	2/11/2025	94.4	No	19	104.7	23.29	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWA-4	300.2	n/a	2/11/2025	155	No	21	170.4	55.94	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWA-11	15.24	n/a	2/11/2025	9.7	No	21	11.71	1.52	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-5	101.9	n/a	2/11/2025	91.7	No	19	79.18	9.587	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-6	141.3	n/a	2/12/2025	95	No	25	105.9	15.76	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-7	170.3	n/a	2/12/2025	107	No	21	108.8	26.51	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-8	58.8	n/a	2/12/2025	43.8	No	21	38.82	8.608	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-9	84.13	n/a	2/11/2025	79.2	No	22	69.25	6.462	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-10	33.9	n/a	2/11/2025	10.5	No	22	n/a	n/a	0	n/a	n/a	0.003707	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWC-18	14.04	n/a	2/12/2025	7.4	No	21	10.1	1.696	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	**GWC-19**	**22.7**	**n/a**	**2/11/2025**	**26.8**	**Yes**	**21**	**17.2**	**2.369**	**0**	**None**	**No**	**0.0006269**	**Param Intra 1 of 2**
Sulfate (mg/L)	GWC-20	84.02	n/a	2/11/2025	67.8	No	13	57.53	10.08	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-21	52.37	n/a	2/11/2025	18.3	No	21	29.09	10.03	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-22	12.64	n/a	2/11/2025	7.1	No	21	7.557	2.191	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-23	19.5	n/a	2/12/2025	4.8	No	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
TDS (mg/L)	GWA-1	154.3	n/a	2/11/2025	101	No	21	102.2	22.45	0	None	No	0.0006269	Param Intra 1 of 2
TDS (mg/L)	**GWA-2**	**280.3**	**n/a**	**2/11/2025**	**292**	**Yes**	**21**	**228**	**22.53**	**0**	**None**	**No**	**0.0006269**	**Param Intra 1 of 2**
TDS (mg/L)	GWA-3	550.3	n/a	2/11/2025	376	No	19	428.5	51.45	0	None	No	0.0006269	Param Intra 1 of 2
TDS (mg/L)	GWA-4	576.4	n/a	2/11/2025	430	No	16	451.9	50.69	0	None	No	0.0006269	Param Intra 1 of 2
TDS (mg/L)	GWA-11	171.6	n/a	2/11/2025	134	No	21	121.3	21.65	0	None	No	0.0006269	Param Intra 1 of 2
TDS (mg/L)	GWC-5	511	n/a	2/11/2025	420	No	21	n/a	n/a	0	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
TDS (mg/L)	GWC-6	415.1	n/a	2/12/2025	322	No	23	333.8	35.57	0	None	No	0.0006269	Param Intra 1 of 2
TDS (mg/L)	GWC-7	351	n/a	2/12/2025	243	No	21	264.4	37.35	0	None	No	0.0006269	Param Intra 1 of 2
TDS (mg/L)	GWC-8	431.9	n/a	2/12/2025	341	No	23	288.6	62.72	0	None	No	0.0006269	Param Intra 1 of 2
TDS (mg/L)	GWC-9	299.6	n/a	2/11/2025	247	No	21	226.3	31.57	0	None	No	0.0006269	Param Intra 1 of 2
TDS (mg/L)	GWC-10	259.7	n/a	2/11/2025	199	No	21	180.3	34.23	0	None	No	0.0006269	Param Intra 1 of 2
TDS (mg/L)	GWC-18	266.4	n/a	2/12/2025	192	No	20	206	25.84	0	None	No	0.0006269	Param Intra 1 of 2
TDS (mg/L)	GWC-19	274.7	n/a	2/11/2025	264	No	20	232.8	17.94	0	None	No	0.0006269	Param Intra 1 of 2
TDS (mg/L)	GWC-20	332.9	n/a	2/11/2025	291	No	21	248	36.6	0	None	No	0.0006269	Param Intra 1 of 2
TDS (mg/L)	GWC-21	374.9	n/a	2/11/2025	131	No	23	187.7	81.93	0	None	No	0.0006269	Param Intra 1 of 2
TDS (mg/L)	GWC-22	324	n/a	2/11/2025	221	No	21	n/a	n/a	0	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
TDS (mg/L)	GWC-23	285	n/a	2/12/2025	173	No	21	197.3	37.79	0	None	No	0.0006269	Param Intra 1 of 2

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

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 6/10/2025, 3:38 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	GWC-9	123	n/a	2/11/2025	40.9	No	120	n/a	n/a	1.667	n/a	n/a	0.0001345	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-21	8.5	n/a	2/11/2025	5.5	No	120	n/a	n/a	0	n/a	n/a	0.0001345	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-19	302.3	n/a	2/11/2025	26.8	No	118	n/a	n/a	0	n/a	n/a	0.0001402	NP Inter (normality) 1 of 2

Appendix III Trend Tests - Significant Results

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 6/10/2025, 3:42 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Calcium (mg/L)	**GWA-2 (bg)**	**1.834**	**152**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWA-3 (bg)**	**-1.539**	**-113**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWC-9**	**0.6553**	**145**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWA-3 (bg)**	**-0.3586**	**-178**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWA-4 (bg)**	**-0.5041**	**-122**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWA-2 (bg)**	**1.369**	**187**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWA-3 (bg)**	**-3.596**	**-96**	**-92**	**Yes**	**22**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWA-4 (bg)**	**-8.784**	**-114**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWA-11 (bg)**	**-0.3649**	**-144**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWC-19**	**0.7984**	**118**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**

Appendix III Trend Tests - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 6/10/2025, 3:42 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Calcium (mg/L)	GWA-1 (bg)	0.185	60	105	No	24	4.167	n/a	0.01	NP
Calcium (mg/L)	**GWA-2 (bg)**	**1.834**	**152**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWA-3 (bg)**	**-1.539**	**-113**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	GWA-4 (bg)	-1.806	-82	-105	No	24	0	n/a	0.01	NP
Calcium (mg/L)	GWA-11 (bg)	0.1033	31	105	No	24	4.167	n/a	0.01	NP
Calcium (mg/L)	**GWC-9**	**0.6553**	**145**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	GWA-1 (bg)	0	-5	-105	No	24	0	n/a	0.01	NP
Chloride (mg/L)	GWA-2 (bg)	0.01295	29	105	No	24	0	n/a	0.01	NP
Chloride (mg/L)	**GWA-3 (bg)**	**-0.3586**	**-178**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWA-4 (bg)**	**-0.5041**	**-122**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	GWA-11 (bg)	-0.0256	-90	-105	No	24	0	n/a	0.01	NP
Chloride (mg/L)	GWC-21	0.2552	66	118	No	26	0	n/a	0.01	NP
Sulfate (mg/L)	GWA-1 (bg)	-0.06835	-52	-105	No	24	0	n/a	0.01	NP
Sulfate (mg/L)	**GWA-2 (bg)**	**1.369**	**187**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWA-3 (bg)**	**-3.596**	**-96**	**-92**	**Yes**	**22**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWA-4 (bg)**	**-8.784**	**-114**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWA-11 (bg)**	**-0.3649**	**-144**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWC-19**	**0.7984**	**118**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**

FIGURE A.

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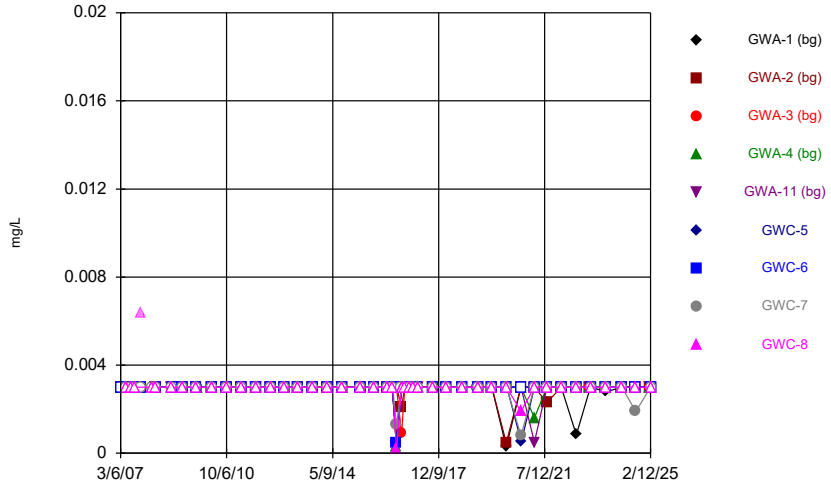
Hollow symbols indicate censored values.

Time Series



Constituent: Antimony Analysis Run 6/10/2025 3:20 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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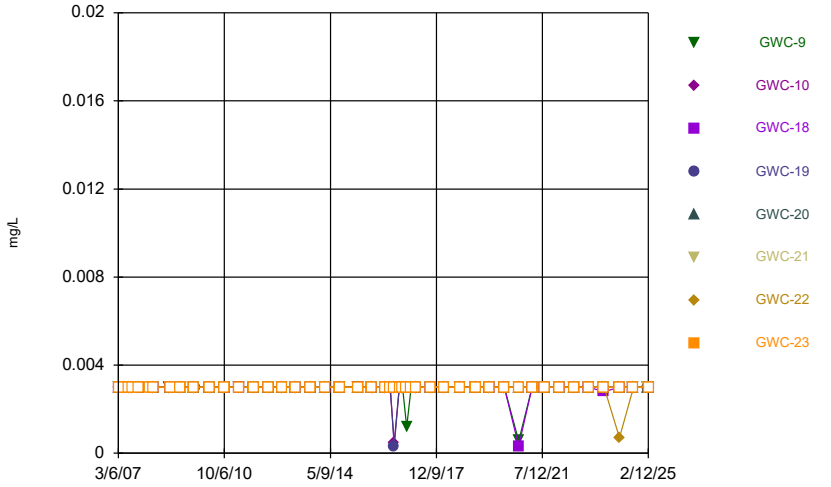
Time Series



Constituent: Antimony Analysis Run 6/10/2025 3:20 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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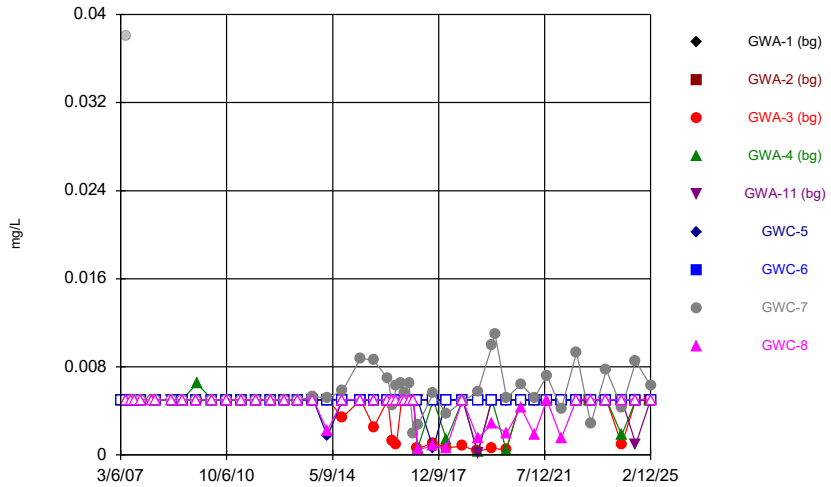

Constituent: Arsenic Analysis Run 6/10/2025 3:20 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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Hollow symbols indicate censored values.

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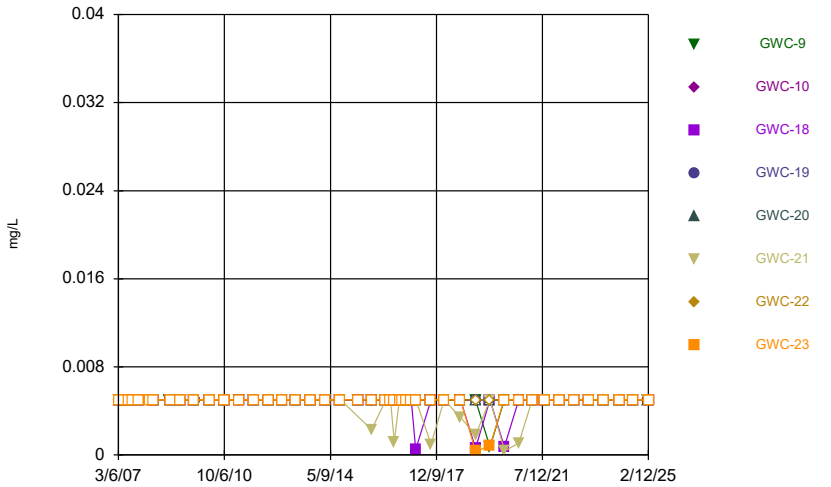

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Plant Hammond Client: Southern Company Data: Huffaker Road LF

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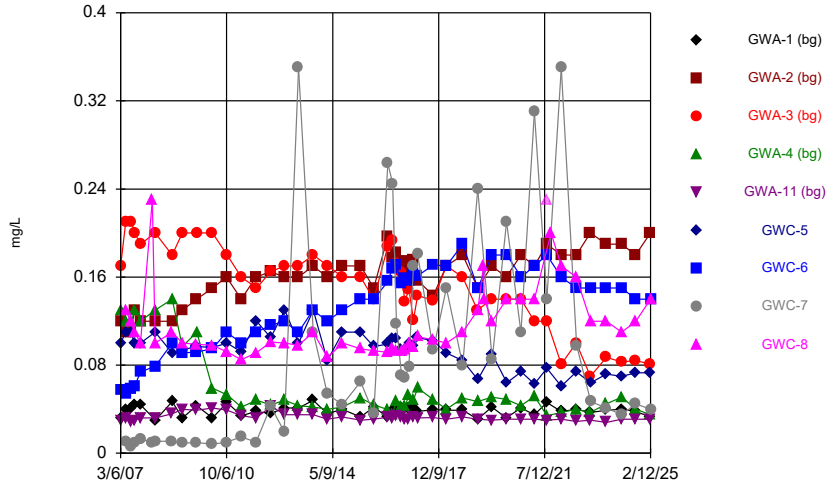
Time Series



Constituent: Barium Analysis Run 6/10/2025 3:20 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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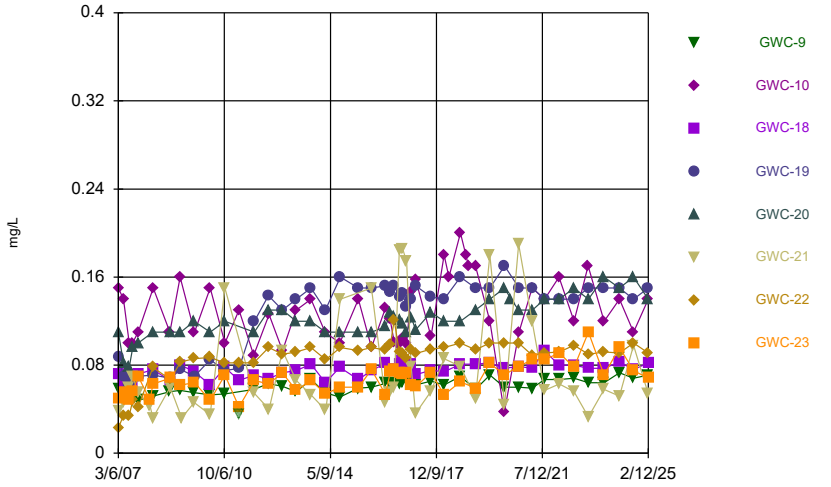
Time Series

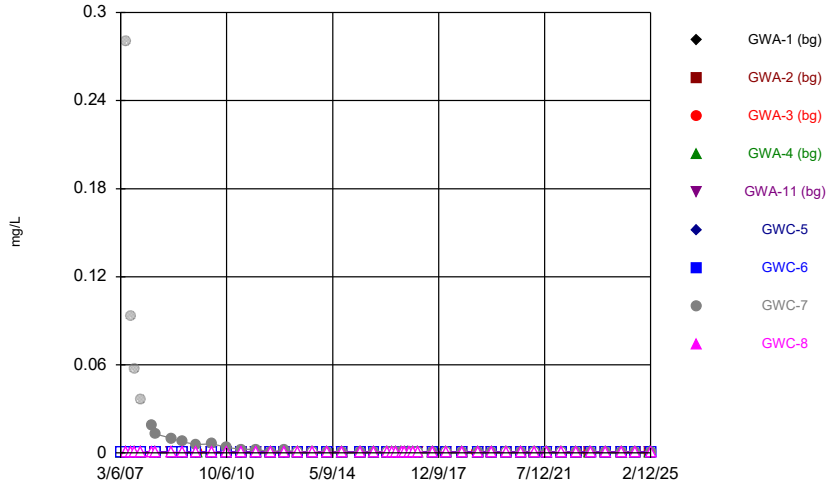


Constituent: Barium Analysis Run 6/10/2025 3:20 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series

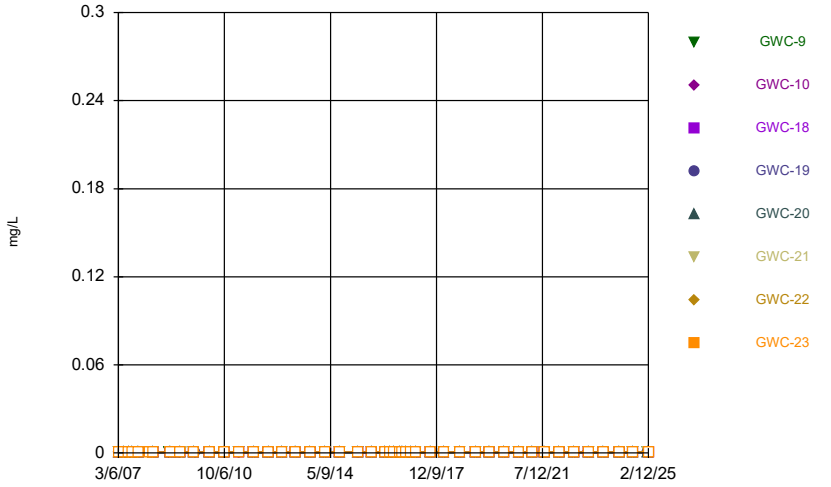


Constituent: Beryllium Analysis Run 6/10/2025 3:20 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series

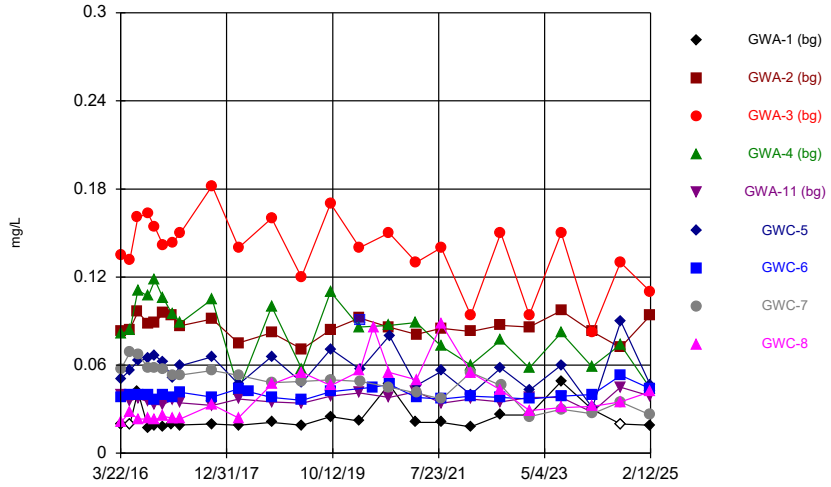


Constituent: Beryllium Analysis Run 6/10/2025 3:20 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

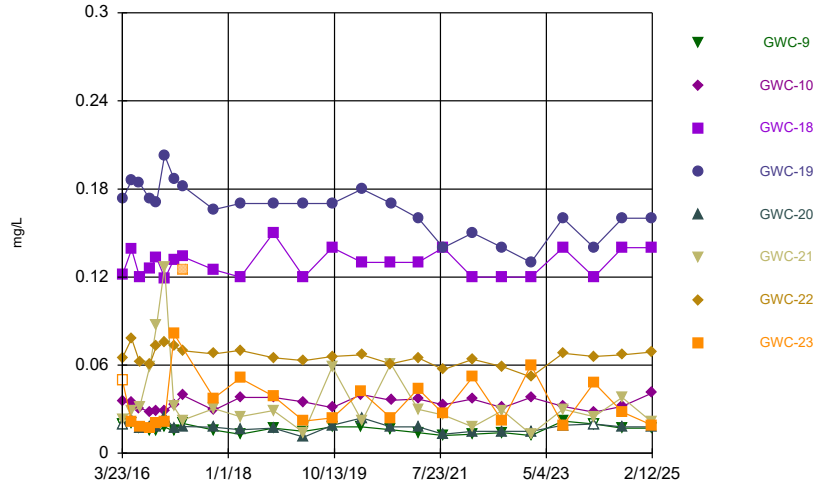
Time Series



Constituent: Boron Analysis Run 6/10/2025 3:20 PM
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

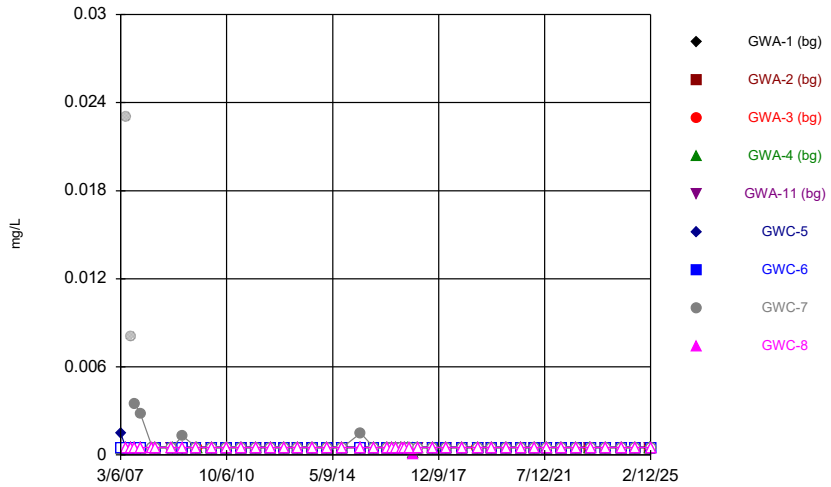
Time Series



Constituent: Boron Analysis Run 6/10/2025 3:20 PM
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

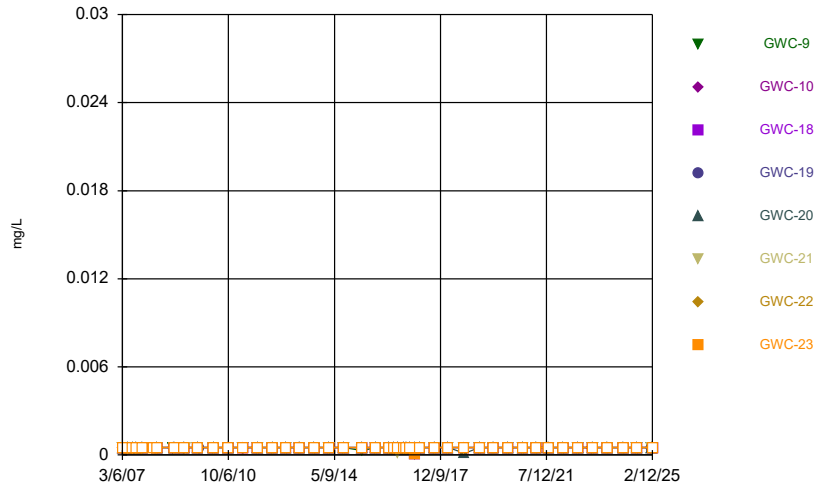
Time Series



Constituent: Cadmium Analysis Run 6/10/2025 3:20 PM
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

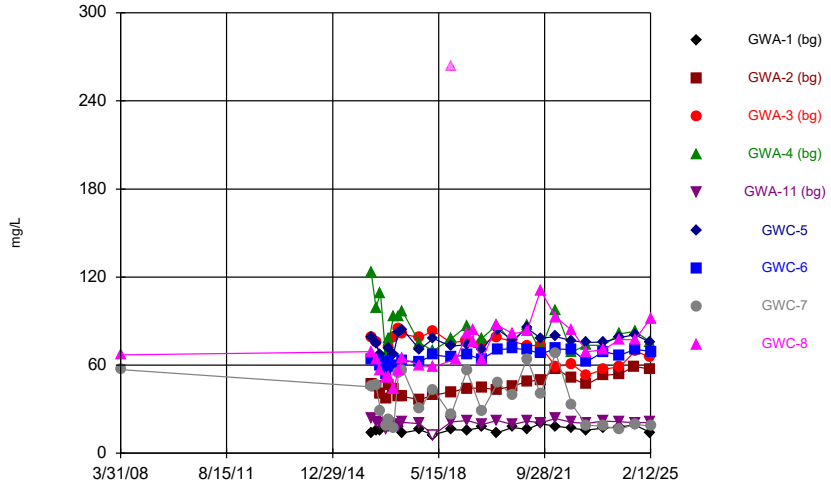
Time Series



Constituent: Cadmium Analysis Run 6/10/2025 3:20 PM
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

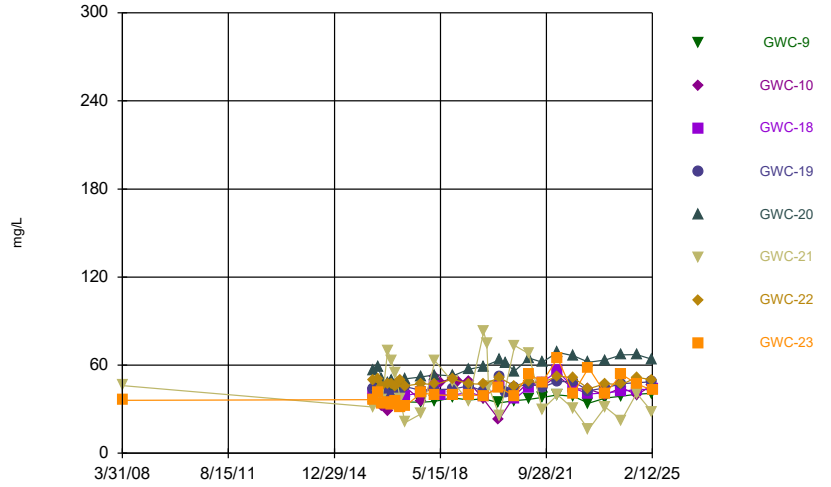
Time Series



Constituent: Calcium Analysis Run 6/10/2025 3:20 PM
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

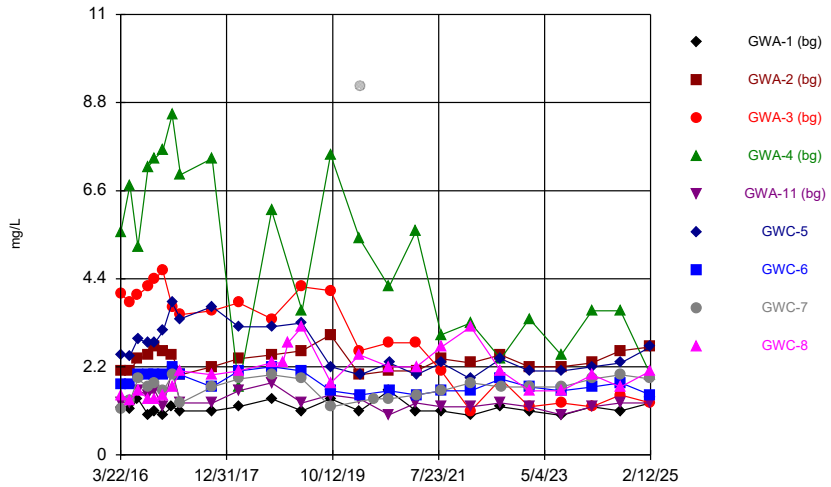
Time Series



Constituent: Calcium Analysis Run 6/10/2025 3:20 PM
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

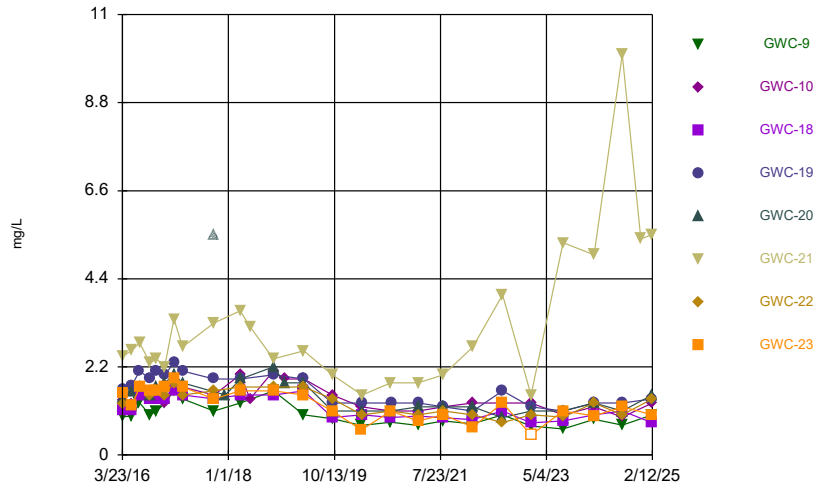
Time Series



Constituent: Chloride Analysis Run 6/10/2025 3:20 PM
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

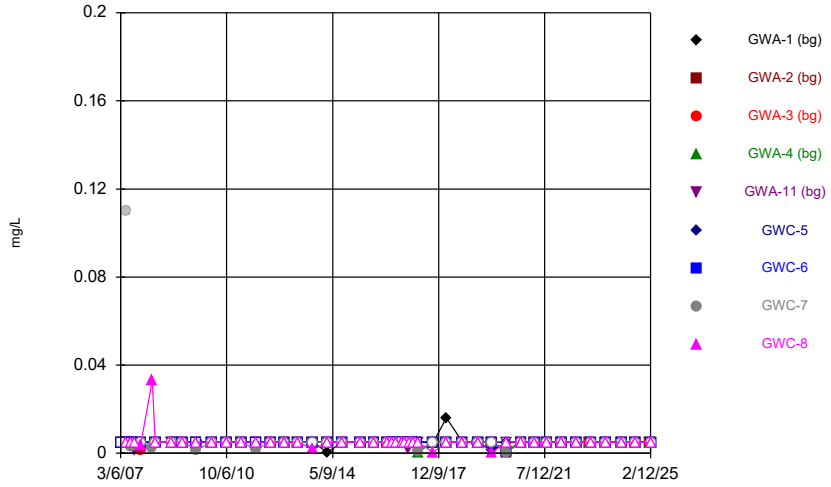
Time Series



Constituent: Chloride Analysis Run 6/10/2025 3:20 PM
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

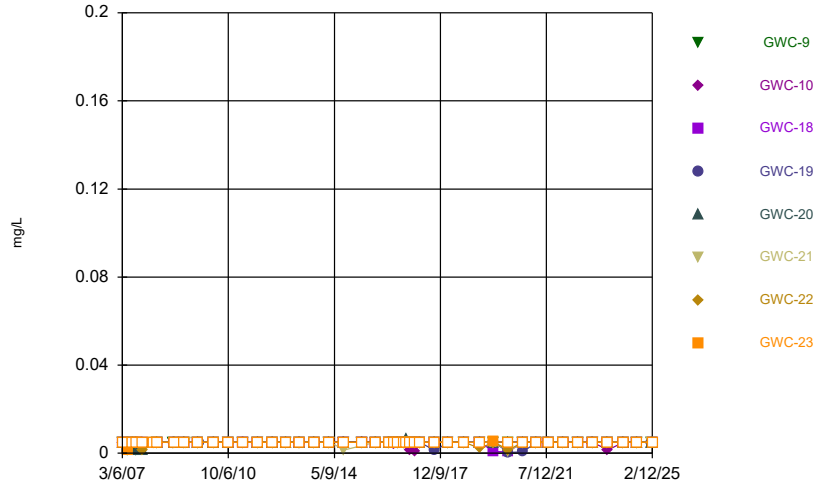
Time Series



Constituent: Chromium Analysis Run 6/10/2025 3:20 PM
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

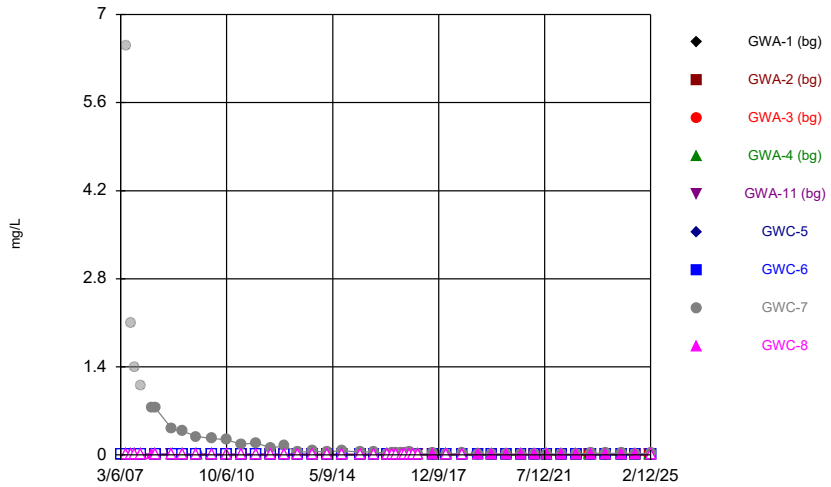
Time Series



Constituent: Chromium Analysis Run 6/10/2025 3:20 PM
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

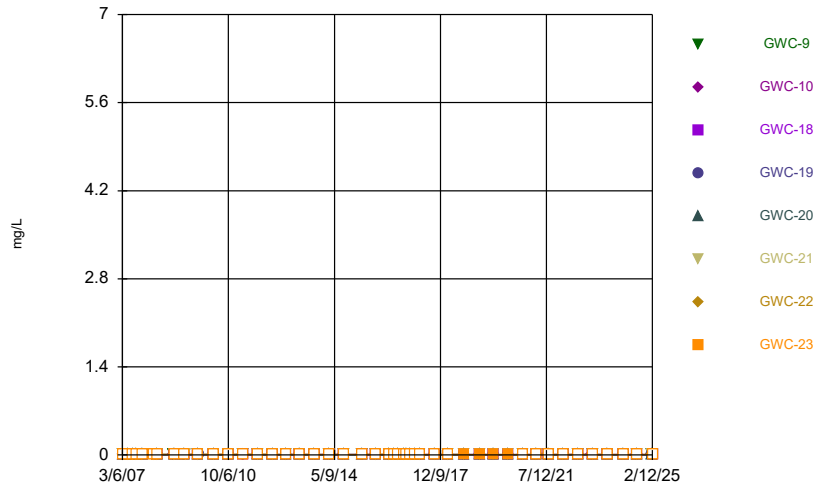
Time Series



Constituent: Cobalt Analysis Run 6/10/2025 3:21 PM
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

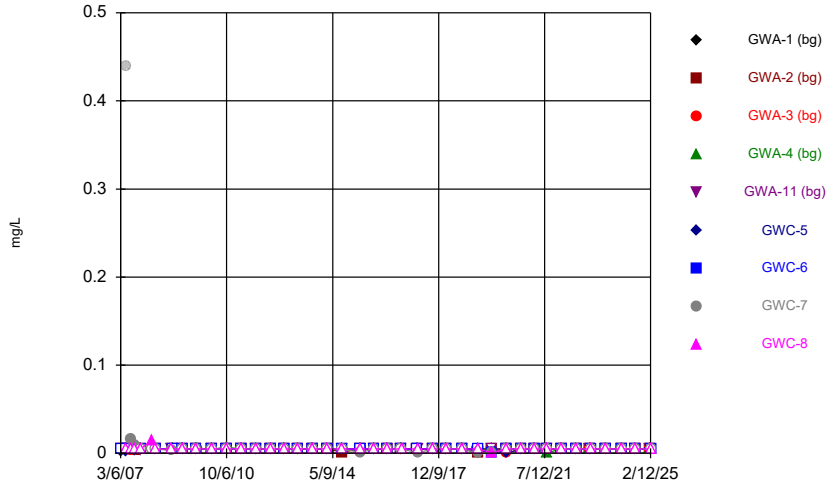
Time Series



Constituent: Cobalt Analysis Run 6/10/2025 3:21 PM
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

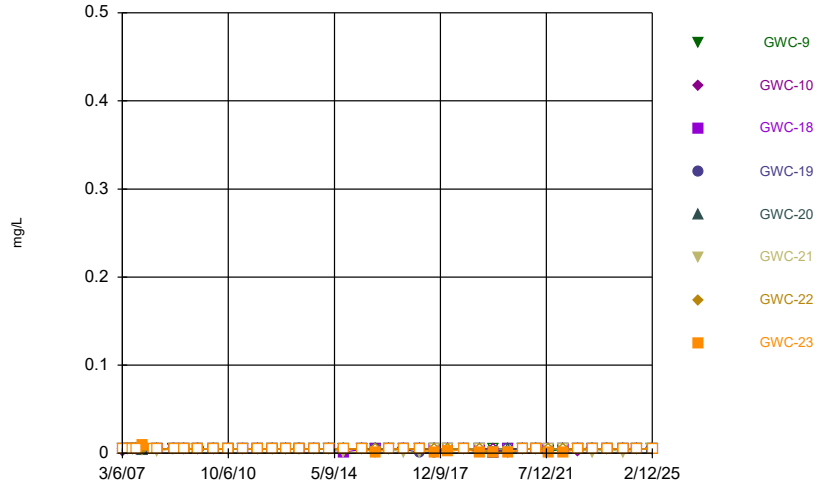
Time Series



Constituent: Copper Analysis Run 6/10/2025 3:21 PM
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

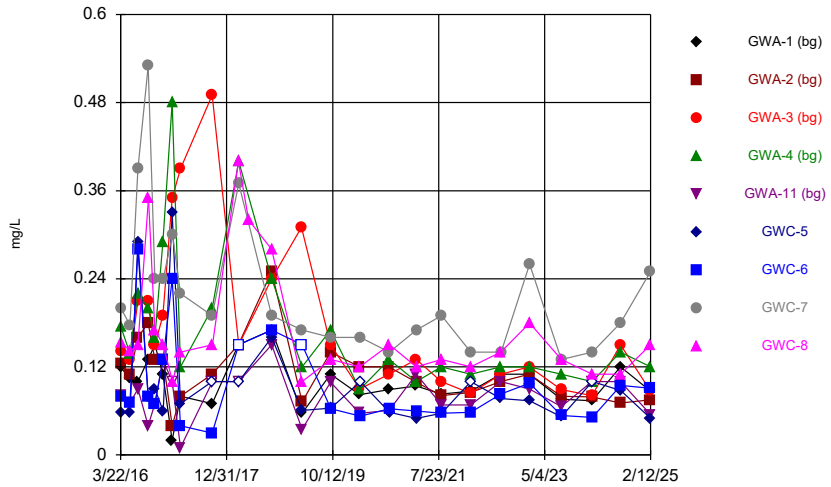
Time Series



Constituent: Copper Analysis Run 6/10/2025 3:21 PM
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

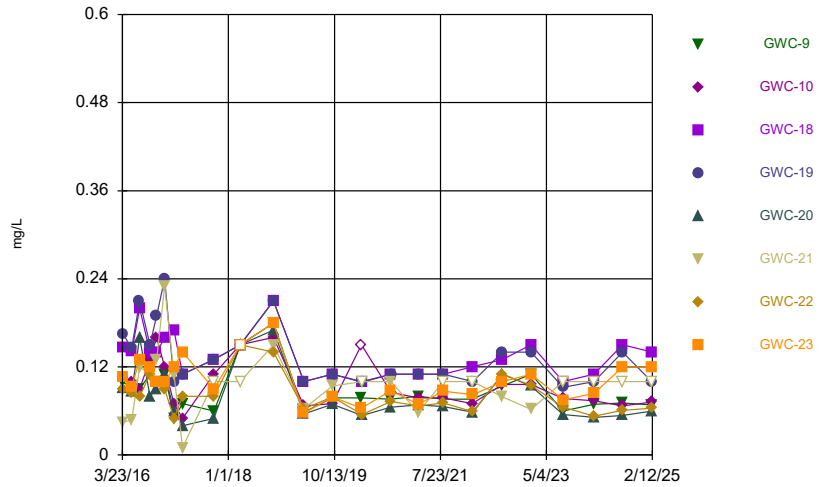
Time Series



Constituent: Fluoride Analysis Run 6/10/2025 3:21 PM
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

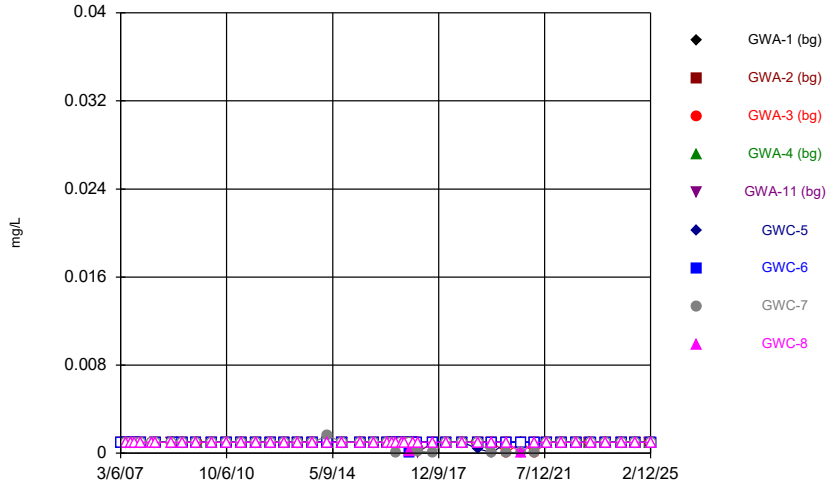
Time Series



Constituent: Fluoride Analysis Run 6/10/2025 3:21 PM
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series

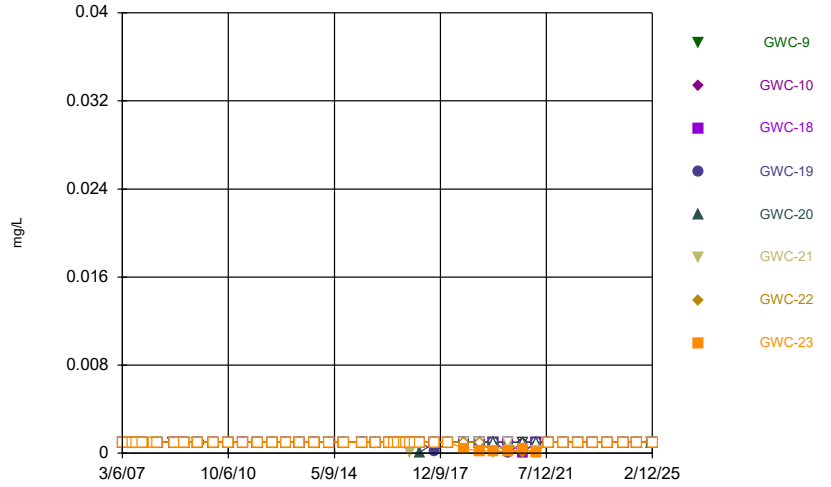


Constituent: Lead Analysis Run 6/10/2025 3:21 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series

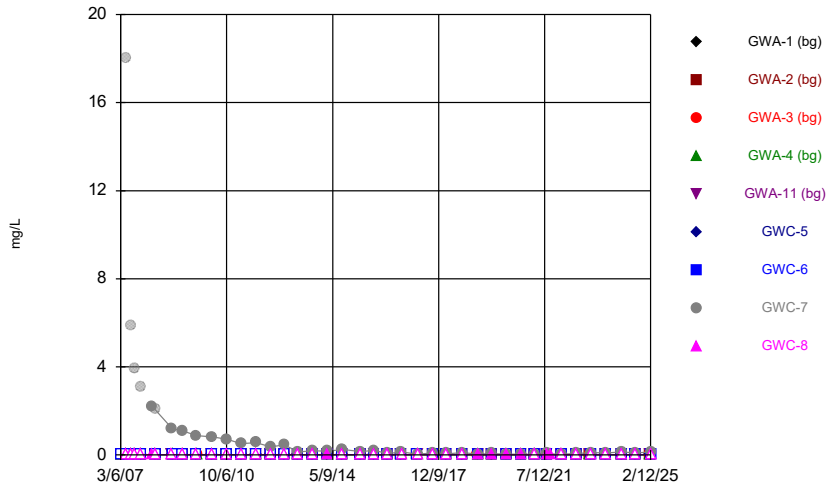


Constituent: Lead Analysis Run 6/10/2025 3:21 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series

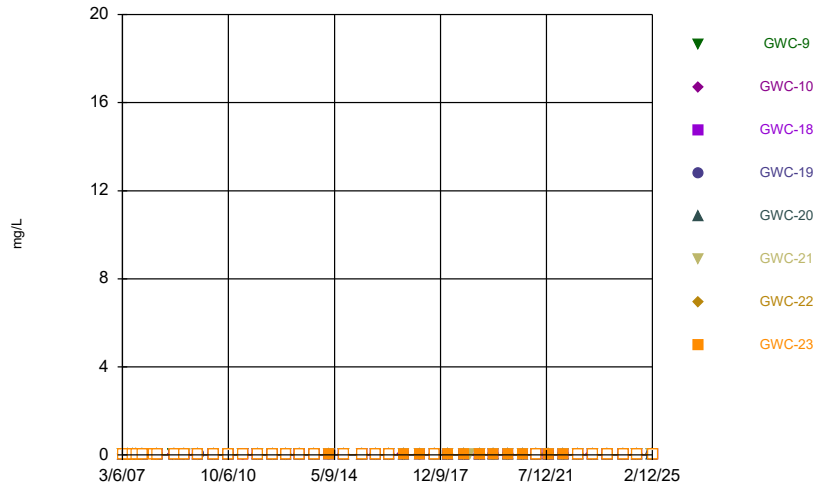


Constituent: Nickel Analysis Run 6/10/2025 3:21 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series

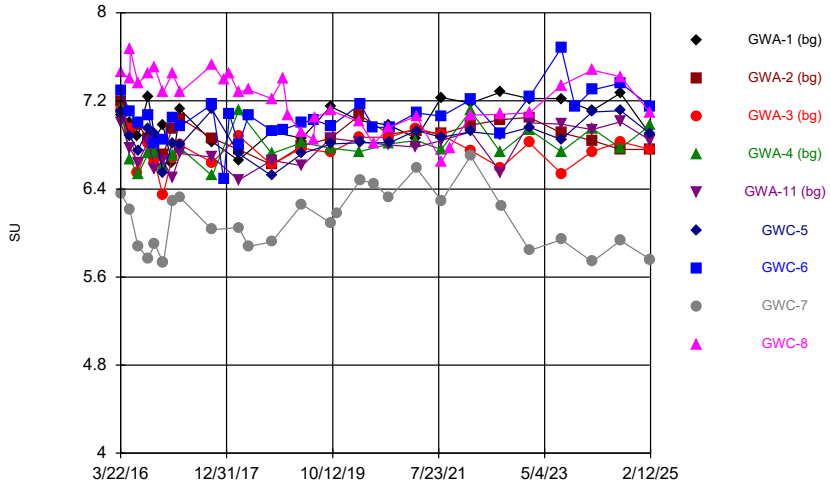


Constituent: Nickel Analysis Run 6/10/2025 3:21 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Time Series

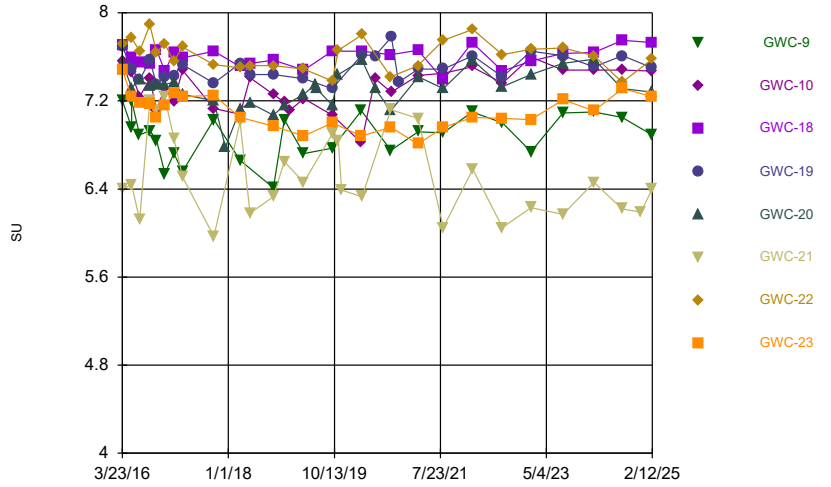


Constituent: pH, Field Analysis Run 6/10/2025 3:21 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Time Series



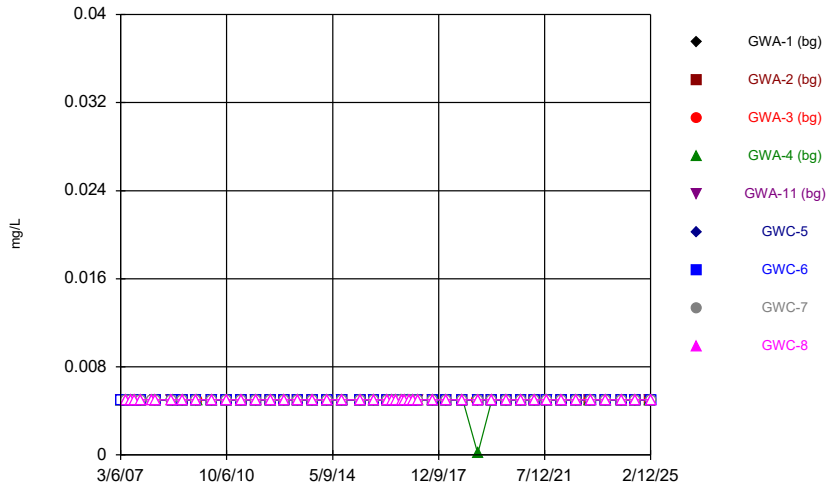
Constituent: pH, Field Analysis Run 6/10/2025 3:21 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Time Series



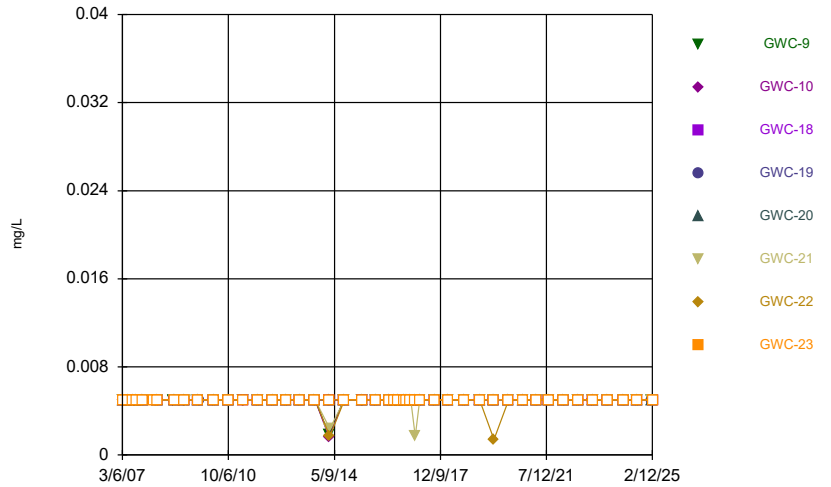
Constituent: Selenium Analysis Run 6/10/2025 3:21 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Time Series

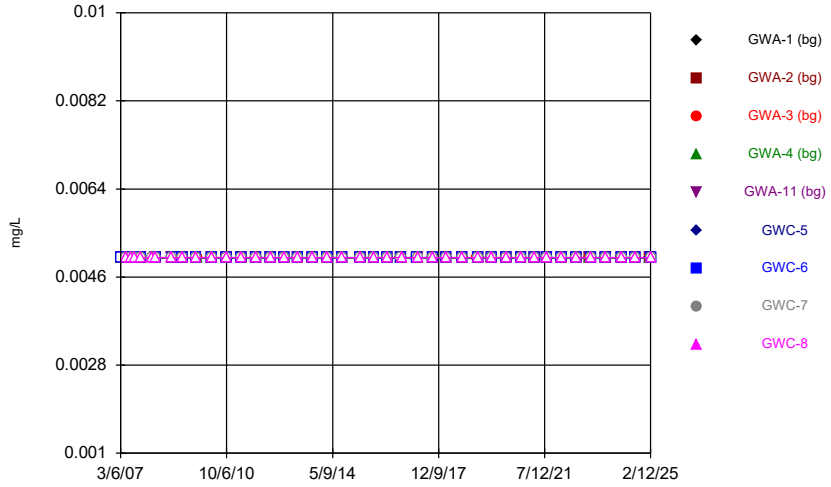


Constituent: Selenium Analysis Run 6/10/2025 3:21 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

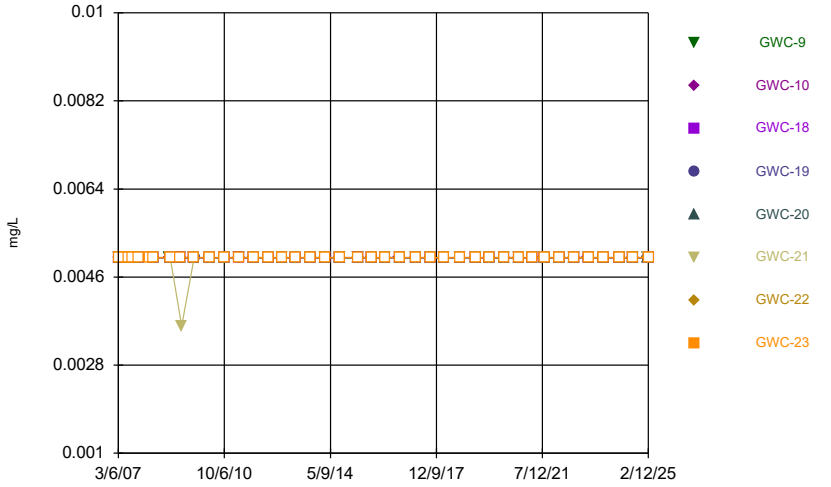
Time Series



Constituent: Silver Analysis Run 6/10/2025 3:21 PM
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

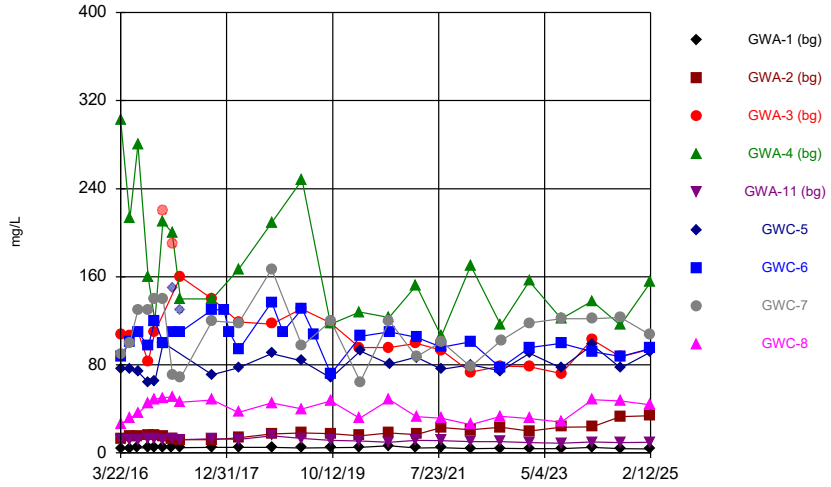
Time Series



Constituent: Silver Analysis Run 6/10/2025 3:21 PM
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

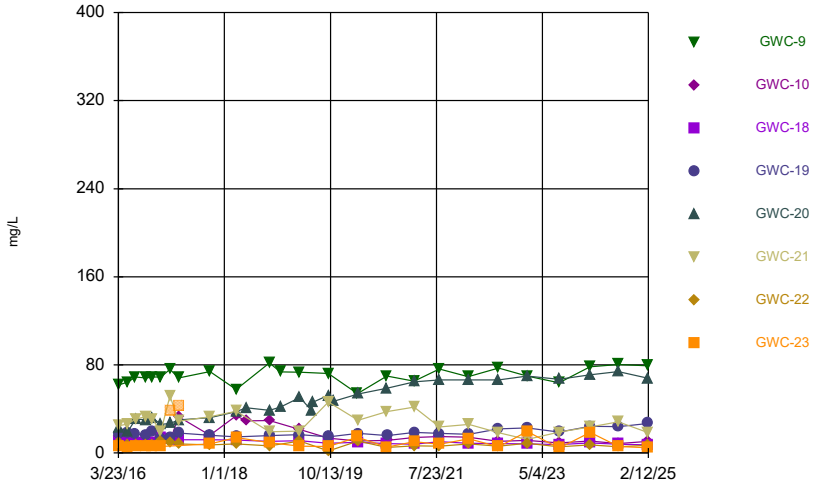
Time Series



Constituent: Sulfate Analysis Run 6/10/2025 3:21 PM
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

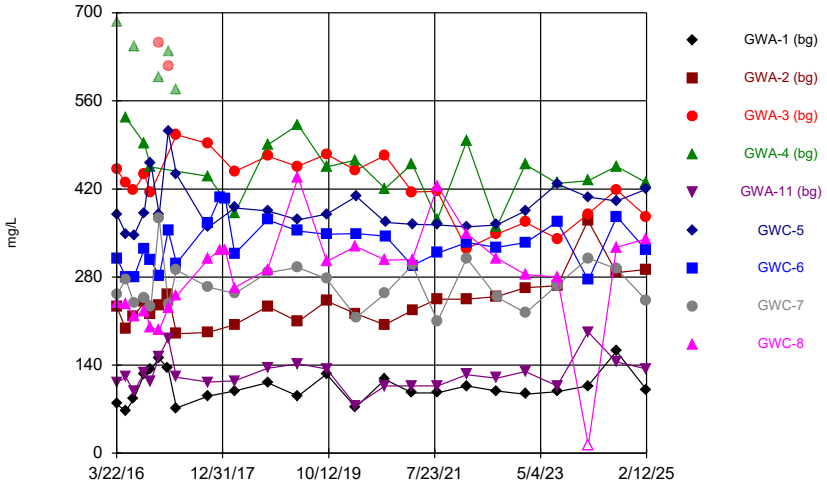
Time Series



Constituent: Sulfate Analysis Run 6/10/2025 3:21 PM
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

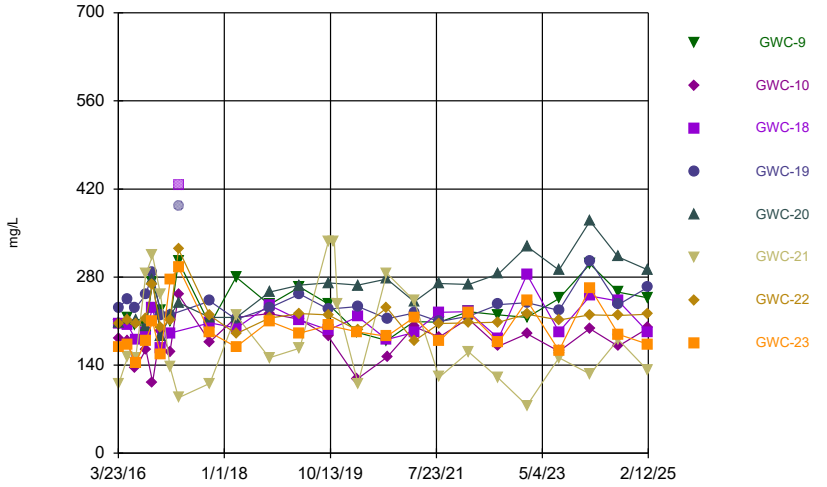
Time Series



Constituent: TDS Analysis Run 6/10/2025 3:21 PM
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

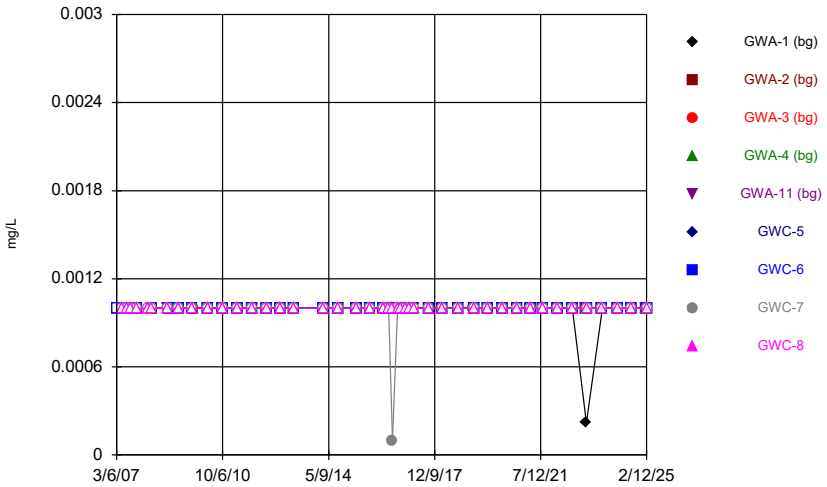
Time Series



Constituent: TDS Analysis Run 6/10/2025 3:21 PM
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

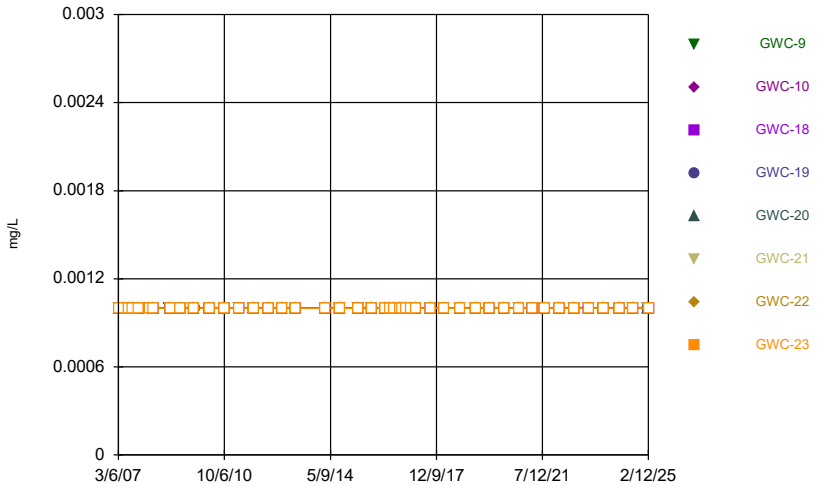
Time Series



Constituent: Thallium Analysis Run 6/10/2025 3:21 PM
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

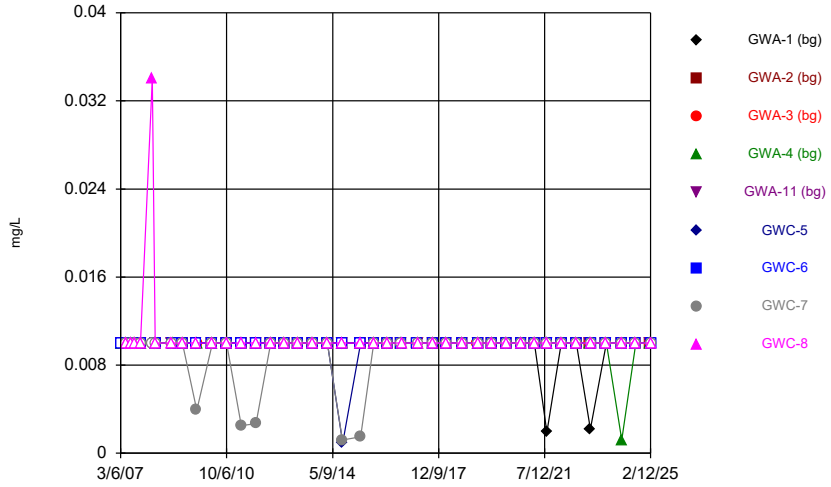
Time Series



Constituent: Thallium Analysis Run 6/10/2025 3:21 PM
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

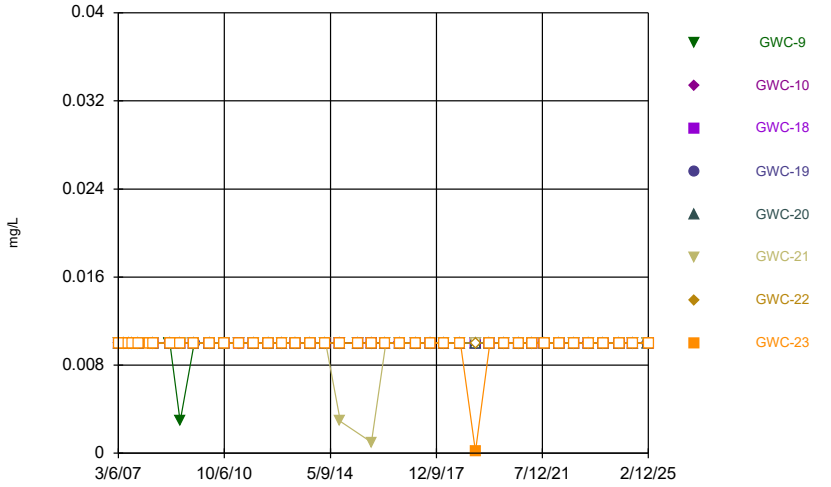
Time Series



Constituent: Vanadium Analysis Run 6/10/2025 3:21 PM
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

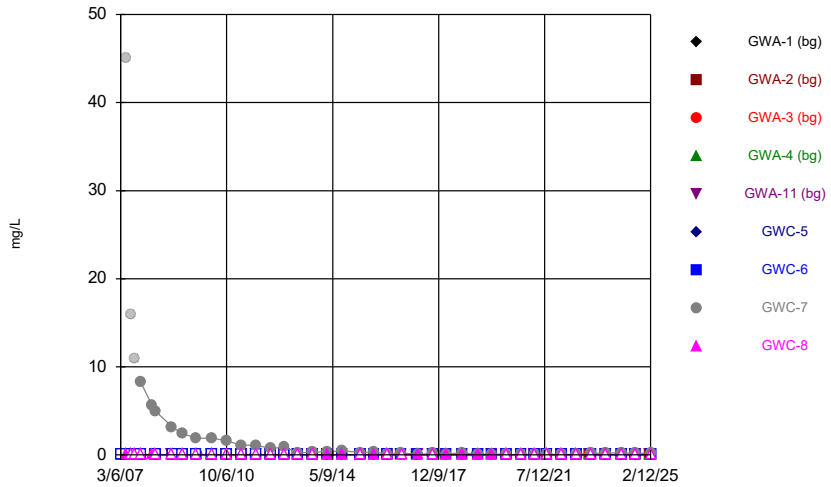
Time Series



Constituent: Vanadium Analysis Run 6/10/2025 3:21 PM
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

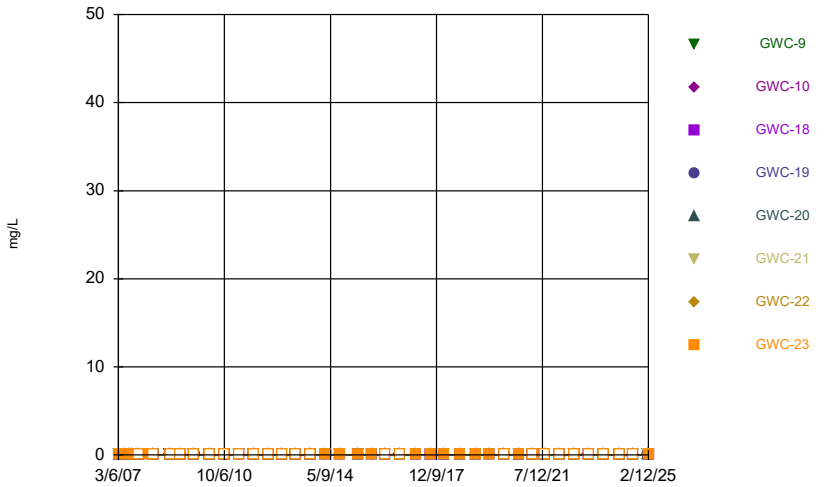
Time Series



Constituent: Zinc Analysis Run 6/10/2025 3:21 PM
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Zinc Analysis Run 6/10/2025 3:21 PM
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)	GWC-5	GWC-6	GWC-7	GWC-8
3/6/2007	<0.003	<0.003	<0.003	<0.003					
3/7/2007					<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
7/6/2007						<0.003		<0.003	<0.003
7/7/2007	<0.003	<0.003							
7/17/2007			<0.003	<0.003	<0.003		<0.003		
8/28/2007	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
11/6/2007	<0.003	<0.003	<0.003	<0.003		<0.003	<0.003	<0.003	0.0064 (O)
11/7/2007					<0.003				
3/31/2008								<0.003	<0.003
5/8/2008			<0.003	<0.003		<0.003	<0.003	<0.003	<0.003
5/9/2008	<0.003	<0.003			<0.003				
12/2/2008					<0.003			<0.003	<0.003
12/3/2008	<0.003	<0.003	<0.003	<0.003		<0.003	<0.003		
4/7/2009	<0.003	<0.003	<0.003	<0.003		<0.003	<0.003		
4/8/2009					<0.003			<0.003	<0.003
9/30/2009									<0.003
10/1/2009	<0.003	<0.003			<0.003	<0.003	<0.003	<0.003	
10/2/2009			<0.003	<0.003					
4/13/2010		<0.003					<0.003	<0.003	<0.003
4/14/2010	<0.003		<0.003	<0.003	<0.003	<0.003			
10/6/2010							<0.003		
10/7/2010		<0.003						<0.003	
10/13/2010	<0.003				<0.003				<0.003
10/14/2010			<0.003	<0.003		<0.003			
4/5/2011			<0.003	<0.003		<0.003	<0.003	<0.003	<0.003
4/6/2011	<0.003	<0.003			<0.003				
10/4/2011					<0.003		<0.003	<0.003	<0.003
10/6/2011		<0.003							
10/10/2011	<0.003								
10/12/2011			<0.003	<0.003		<0.003			
4/3/2012	<0.003	<0.003					<0.003	<0.003	<0.003
4/4/2012			<0.003	<0.003		<0.003			
4/10/2012					<0.003				
9/18/2012							<0.003	<0.003	
9/19/2012		<0.003							<0.003
9/24/2012	<0.003			<0.003		<0.003			
9/26/2012			<0.003		<0.003				
3/12/2013	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
9/9/2013		<0.003					<0.003		
9/10/2013			<0.003	<0.003	<0.003	<0.003		<0.003	<0.003
9/11/2013	<0.003								
3/4/2014	<0.003	<0.003			<0.003				
3/5/2014						<0.003	<0.003	<0.003	<0.003
3/11/2014			<0.003	<0.003					
9/3/2014	<0.003	<0.003			<0.003				
9/8/2014			<0.003	<0.003			<0.003	<0.003	
9/9/2014						<0.003			<0.003
4/21/2015	<0.003		<0.003	<0.003	<0.003	<0.003		<0.003	
4/22/2015		<0.003					<0.003		<0.003
9/29/2015			<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)	GWC-5	GWC-6	GWC-7	GWC-8
9/30/2015	<0.003	<0.003							
3/22/2016	<0.003	<0.003	<0.003	<0.003	<0.003				
3/23/2016						<0.003	<0.003	<0.003	<0.003
5/17/2016	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003		
5/18/2016								<0.003	<0.003
7/5/2016	<0.003	<0.003	<0.003						
7/6/2016				0.0003 (J)	0.0003 (J)	0.0004 (J)	0.0005 (J)	0.0013 (J)	0.0002 (J)
9/7/2016	<0.003	0.0021 (J)	0.0009 (J)	<0.003	<0.003	<0.003	<0.003	<0.003	
9/8/2016									<0.003
10/18/2016	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
12/6/2016	<0.003		<0.003	<0.003	<0.003				
12/7/2016		<0.003							
12/8/2016						<0.003	<0.003	<0.003	<0.003
1/31/2017	<0.003	<0.003							
2/1/2017			<0.003	<0.003	<0.003	<0.003	<0.003		
2/2/2017								<0.003	<0.003
3/23/2017	<0.003	<0.003	<0.003			<0.003	<0.003		
3/24/2017				<0.003	<0.003			<0.003	<0.003
10/4/2017	<0.003	<0.003	<0.003	<0.003		<0.003	<0.003	<0.003	
10/5/2017					<0.003				<0.003
3/14/2018	<0.003	<0.003							<0.003
3/15/2018			<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	<0.003	<0.003
4/5/2019			<0.003						
4/8/2019	<0.003	<0.003		<0.003	<0.003		<0.003	<0.003	<0.003
4/9/2019						<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)	0.00049 (J)	<0.003	<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					
9/24/2020								0.0008 (J)	0.0019 (J)
9/25/2020						0.00052 (J)	<0.003		
3/8/2021	<0.003		<0.003	0.0016 (J)	0.0005 (J)				
3/9/2021		<0.003				<0.003	<0.003	<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	<0.003	<0.003
8/8/2022	0.00084 (J)	<0.003	<0.003	<0.003	<0.003		<0.003		
8/9/2022						<0.003			<0.003
8/10/2022								<0.003	
1/30/2023	<0.003	<0.003	<0.003	<0.003	<0.003				
1/31/2023						<0.003	<0.003	<0.003	<0.003
8/14/2023	0.0028 (J)	<0.003	<0.003	<0.003	<0.003		<0.003		
8/15/2023						<0.003		<0.003	<0.003
2/19/2024	<0.003	<0.003	<0.003	<0.003	<0.003				
2/20/2024						<0.003			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)	GWC-5	GWC-6	GWC-7	GWC-8
2/21/2024							<0.003	<0.003	<0.003
8/10/2024		<0.003							
8/11/2024	<0.003		<0.003	<0.003	<0.003			0.0019 (J)	<0.003
8/12/2024						<0.003	<0.003		
2/11/2025	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003			
2/12/2025							<0.003	<0.003	<0.003

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23
3/6/2007				<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						
5/9/2007			<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
7/6/2007	<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				
8/29/2007					<0.003	<0.003	<0.003	<0.003
11/6/2007	<0.003							
11/7/2007		<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
3/31/2008						<0.003		<0.003
5/7/2008			<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
5/8/2008	<0.003							
5/9/2008		<0.003						
12/2/2008	<0.003	<0.003						
12/3/2008			<0.003					
12/4/2008				<0.003				
12/5/2008					<0.003	<0.003	<0.003	<0.003
4/8/2009	<0.003	<0.003						
4/14/2009			<0.003	<0.003	<0.003		<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
10/2/2009				<0.003				
4/13/2010	<0.003		<0.003	<0.003	<0.003	<0.003	<0.003	
4/14/2010		<0.003						<0.003
10/12/2010			<0.003	<0.003	<0.003	<0.003	<0.003	
10/13/2010	<0.003	<0.003						<0.003
4/5/2011	<0.003							
4/6/2011		<0.003	<0.003	<0.003			<0.003	<0.003
10/4/2011	<0.003	<0.003						
10/5/2011						<0.003	<0.003	
10/12/2011			<0.003	<0.003	<0.003			<0.003
4/4/2012	<0.003							
4/5/2012			<0.003	<0.003				
4/9/2012					<0.003		<0.003	<0.003
4/10/2012		<0.003				<0.003		
9/19/2012	<0.003		<0.003					<0.003
9/25/2012				<0.003	<0.003		<0.003	
9/26/2012		<0.003				<0.003		
3/12/2013	<0.003	<0.003						
3/13/2013			<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
9/10/2013	<0.003	<0.003	<0.003					<0.003
9/11/2013				<0.003	<0.003	<0.003	<0.003	
3/4/2014		<0.003						
3/5/2014	<0.003							
3/10/2014			<0.003	<0.003	<0.003			
3/11/2014						<0.003	<0.003	<0.003
9/3/2014	<0.003	<0.003	<0.003					<0.003
9/9/2014				<0.003	<0.003	<0.003	<0.003	
4/21/2015	<0.003	<0.003						
4/22/2015			<0.003	<0.003				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23
4/23/2015					<0.003		<0.003	<0.003
9/29/2015	<0.003							
9/30/2015		<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
3/23/2016	<0.003	<0.003			<0.003		<0.003	<0.003
3/24/2016			<0.003	<0.003		<0.003		
5/17/2016		<0.003						
5/18/2016	<0.003		<0.003	<0.003	<0.003	<0.003	<0.003	
5/19/2016								<0.003
7/6/2016	<0.003	0.0005 (J)		0.0003 (J)				
7/7/2016			<0.003		<0.003	<0.003	<0.003	<0.003
9/7/2016		<0.003						
9/8/2016	<0.003		<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
10/18/2016		<0.003		<0.003				
10/19/2016	<0.003		<0.003		<0.003	<0.003	<0.003	<0.003
12/6/2016		<0.003						
12/7/2016				<0.003	<0.003	<0.003	<0.003	<0.003
12/8/2016	0.0012 (J)		<0.003					
2/2/2017	<0.003	<0.003	<0.003	<0.003		<0.003	<0.003	
2/3/2017					<0.003			<0.003
3/27/2017	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
10/5/2017	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
3/15/2018	<0.003	<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	
10/5/2018	<0.003		<0.003		<0.003			<0.003
4/8/2019	<0.003							<0.003
4/9/2019		<0.003	<0.003	<0.003	<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	<0.003
9/24/2020	0.00056 (J)		0.00033 (J)			<0.003		
9/25/2020		<0.003						
9/28/2020				<0.003				
3/9/2021	<0.003	<0.003	<0.003			<0.003	<0.003	<0.003
3/10/2021				<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					
2/7/2022				<0.003	<0.003	<0.003	<0.003	<0.003
8/8/2022								<0.003
8/9/2022	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	
1/30/2023		<0.003						
1/31/2023	<0.003		<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
8/14/2023		<0.003						<0.003
8/15/2023	<0.003		0.0028 (J)	<0.003	<0.003	<0.003	<0.003	
2/19/2024		<0.003						
2/20/2024	<0.003		<0.003	<0.003	<0.003	<0.003	0.0007 (J)	<0.003
8/11/2024	<0.003	<0.003			<0.003	<0.003	<0.003	
8/12/2024			<0.003	<0.003				<0.003
2/11/2025	<0.003	<0.003		<0.003	<0.003	<0.003	<0.003	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23
2/12/2025			<0.003					<0.003

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)	GWC-5	GWC-6	GWC-7	GWC-8
3/6/2007	<0.005	<0.005	<0.005	<0.005					
3/7/2007					<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	0.038 (O)	<0.005
7/6/2007						<0.005		<0.005	<0.005
7/7/2007	<0.005	<0.005							
7/17/2007			<0.005	<0.005	<0.005		<0.005		
8/28/2007	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
11/6/2007	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005
11/7/2007					<0.005				
3/31/2008								<0.005	<0.005
5/8/2008			<0.005	<0.005		<0.005	<0.005	<0.005	<0.005
5/9/2008	<0.005	<0.005			<0.005				
12/2/2008					<0.005			<0.005	<0.005
12/3/2008	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005		
4/7/2009	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005		
4/8/2009					<0.005			<0.005	<0.005
9/30/2009									<0.005
10/1/2009	<0.005	<0.005			<0.005	<0.005	<0.005	<0.005	
10/2/2009			<0.005	0.0065					
4/13/2010		<0.005					<0.005	<0.005	<0.005
4/14/2010	<0.005		<0.005	<0.005	<0.005	<0.005			
10/6/2010							<0.005		
10/7/2010		<0.005						<0.005	
10/13/2010	<0.005				<0.005				<0.005
10/14/2010			<0.005	<0.005		<0.005			
4/5/2011			<0.005	<0.005		<0.005	<0.005	<0.005	<0.005
4/6/2011	<0.005	<0.005			<0.005				
10/4/2011					<0.005		<0.005	<0.005	<0.005
10/6/2011		<0.005							
10/10/2011	<0.005								
10/12/2011			<0.005	<0.005		<0.005			
4/3/2012	<0.005	<0.005					<0.005	<0.005	<0.005
4/4/2012			<0.005	<0.005		<0.005			
4/10/2012					<0.005				
9/18/2012							<0.005	<0.005	
9/19/2012		<0.005							<0.005
9/24/2012	<0.005			<0.005		<0.005			
9/26/2012			<0.005		<0.005				
3/12/2013	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
9/9/2013		<0.005					<0.005		
9/10/2013			<0.005	<0.005	<0.005	<0.005		0.0053	<0.005
9/11/2013	<0.005								
3/4/2014	<0.005	<0.005			<0.005				
3/5/2014						0.0017 (J)	<0.005	0.0052	0.0022 (J)
3/11/2014			0.005	<0.005					
9/3/2014	<0.005	<0.005			<0.005				
9/8/2014			0.0034 (J)	<0.005			<0.005	0.0058	
9/9/2014						<0.005			<0.005
4/21/2015	<0.005		<0.005	<0.005	<0.005	<0.005		0.0088	
4/22/2015		<0.005					<0.005		<0.005
9/29/2015			0.0025 (J)	<0.005	<0.005	<0.005	<0.005	0.0086	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)	GWC-5	GWC-6	GWC-7	GWC-8
9/30/2015	<0.005	<0.005							
3/22/2016	<0.005	<0.005	<0.005	<0.005	<0.005				
3/23/2016						<0.005	<0.005	0.00693	<0.005
5/17/2016	<0.005	<0.005	0.00129 (J)	<0.005	<0.005	<0.005	<0.005		
5/18/2016								0.00451 (J)	<0.005
7/5/2016	<0.005	<0.005	0.001 (J)						
7/6/2016				<0.005	<0.005	<0.005	<0.005	0.0063	<0.005
9/7/2016	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0065	
9/8/2016									<0.005
10/18/2016	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0056	<0.005
12/6/2016	<0.005		<0.005	<0.005	<0.005				
12/7/2016		<0.005							
12/8/2016						<0.005	<0.005	0.0065	<0.005
1/31/2017	<0.005	<0.005							
2/1/2017			<0.005	<0.005	<0.005	<0.005	<0.005		
2/2/2017								0.002 (J)	<0.005
3/23/2017	<0.005	<0.005	0.0006 (J)			<0.005	<0.005		
3/24/2017				0.0006 (J)	<0.005			0.0027 (J)	0.0005 (J)
10/4/2017	<0.005	<0.005	0.0011 (J)	<0.005		0.0006 (J)	<0.005	0.0056	
10/5/2017					<0.005				0.0008 (J)
3/14/2018	<0.005	<0.005							0.00064 (J)
3/15/2018			0.00066 (J)	0.0014 (J)	<0.005			0.0037 (J)	
3/16/2018						<0.005	<0.005		
10/4/2018	<0.005	<0.005	0.0008 (J)	<0.005	<0.005	<0.005	<0.005	0.0049 (J)	<0.005
4/5/2019			0.00035 (J)						
4/8/2019	<0.005	<0.005		0.00023 (J)	0.00012 (J)		<0.005	0.0057	0.0015 (J)
4/9/2019						<0.005			
9/30/2019	<0.005	<0.005	0.00058 (J)	<0.005	<0.005				
10/1/2019						<0.005	<0.005	0.01	0.0028 (J)
11/6/2019								0.011	
3/26/2020	<0.005	<0.005	0.00048 (J)	0.00044 (J)	<0.005				
3/27/2020									0.002 (J)
3/30/2020								0.0052	
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					
9/24/2020								0.0064	0.0043 (J)
9/25/2020						<0.005	<0.005		
3/8/2021	<0.005		<0.005	<0.005	<0.005				
3/9/2021		<0.005				<0.005	<0.005	0.0052	0.0018 (J)
8/9/2021	<0.005	<0.005	<0.005	<0.005					
8/10/2021					<0.005	<0.005	<0.005	0.0072	0.005
2/4/2022	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0042 (J)	0.0015 (J)
8/8/2022	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005		
8/9/2022						<0.005			<0.005
8/10/2022								0.0093	
1/30/2023	<0.005	<0.005	<0.005	<0.005	<0.005				
1/31/2023						<0.005	<0.005	0.0028 (J)	<0.005
8/14/2023	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005		
8/15/2023						<0.005		0.0077 (J)	<0.005
2/19/2024	<0.005	<0.005	0.00093 (J)	0.0018 (J)	<0.005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)	GWC-5	GWC-6	GWC-7	GWC-8
2/20/2024						<0.005			
2/21/2024							<0.005	0.0043 (J)	<0.005
8/10/2024		<0.005							
8/11/2024	<0.005		<0.005	<0.005	0.001 (J)			0.0085	<0.005
8/12/2024						<0.005	<0.005		
2/11/2025	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
2/12/2025							<0.005	0.0063	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23
3/6/2007				<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						
5/9/2007			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
7/6/2007	<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				
8/29/2007					<0.005	<0.005	<0.005	<0.005
11/6/2007	<0.005							
11/7/2007		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
3/31/2008						<0.005		<0.005
5/7/2008			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
5/8/2008	<0.005							
5/9/2008		<0.005						
12/2/2008	<0.005	<0.005						
12/3/2008			<0.005					
12/4/2008				<0.005				
12/5/2008					<0.005	<0.005	<0.005	<0.005
4/8/2009	<0.005	<0.005						
4/14/2009			<0.005	<0.005	<0.005		<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
10/2/2009				<0.005				
4/13/2010	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	
4/14/2010		<0.005						<0.005
10/12/2010			<0.005	<0.005	<0.005	<0.005	<0.005	
10/13/2010	<0.005	<0.005						<0.005
4/5/2011	<0.005							
4/6/2011		<0.005	<0.005	<0.005			<0.005	<0.005
10/4/2011	<0.005	<0.005						
10/5/2011						<0.005	<0.005	
10/12/2011			<0.005	<0.005	<0.005			<0.005
4/4/2012	<0.005							
4/5/2012			<0.005	<0.005				
4/9/2012					<0.005		<0.005	<0.005
4/10/2012		<0.005				<0.005		
9/19/2012	<0.005		<0.005					<0.005
9/25/2012				<0.005	<0.005		<0.005	
9/26/2012		<0.005				<0.005		
3/12/2013	<0.005	<0.005						
3/13/2013			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
9/10/2013	<0.005	<0.005	<0.005					<0.005
9/11/2013				<0.005	<0.005	<0.005	<0.005	
3/4/2014		<0.005						
3/5/2014	<0.005							
3/10/2014			<0.005	<0.005	<0.005			
3/11/2014						<0.005	<0.005	<0.005
9/3/2014	<0.005	<0.005	<0.005					<0.005
9/9/2014				<0.005	<0.005	<0.005	<0.005	
4/21/2015	<0.005	<0.005						
4/22/2015			<0.005	<0.005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23
4/23/2015					<0.005		<0.005	<0.005
9/29/2015	<0.005							
9/30/2015		<0.005	<0.005	<0.005	<0.005	0.0023 (J)	<0.005	<0.005
3/23/2016	<0.005	<0.005			<0.005		<0.005	<0.005
3/24/2016			<0.005	<0.005		<0.005		
5/17/2016		<0.005						
5/18/2016	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	
5/19/2016								<0.005
7/6/2016	<0.005	<0.005		<0.005				
7/7/2016			<0.005		<0.005	0.0012 (J)	<0.005	<0.005
9/7/2016		<0.005						
9/8/2016	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
10/18/2016		<0.005		<0.005				
10/19/2016	<0.005		<0.005		<0.005	<0.005	<0.005	<0.005
12/6/2016		<0.005						
12/7/2016				<0.005	<0.005	<0.005	<0.005	<0.005
12/8/2016	<0.005		<0.005					
2/2/2017	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	
2/3/2017					<0.005			<0.005
3/27/2017	<0.005	<0.005	0.0005 (J)	<0.005	<0.005	<0.005	<0.005	<0.005
10/5/2017	<0.005	<0.005	<0.005	<0.005	<0.005	0.001 (J)	<0.005	<0.005
3/15/2018	<0.005	<0.005		<0.005		<0.005	<0.005	<0.005
3/16/2018			<0.005		<0.005			
10/4/2018		<0.005		<0.005		0.0034 (J)	<0.005	
10/5/2018	<0.005		<0.005		<0.005			<0.005
4/8/2019	<0.005							0.00034 (J)
4/9/2019		<0.005	0.00063 (J)	<0.005	<0.005	0.0018 (J)	<0.005	
10/1/2019	0.00071 (J)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.00082 (J)
3/26/2020								<0.005
3/27/2020	<0.005	<0.005						
3/30/2020			0.00073 (J)					
3/31/2020				<0.005	<0.005	0.00035 (J)	<0.005	
9/23/2020					<0.005		<0.005	<0.005
9/24/2020	<0.005		<0.005			0.0011 (J)		
9/25/2020		<0.005						
9/28/2020				<0.005				
3/9/2021	<0.005	<0.005	<0.005			<0.005	<0.005	<0.005
3/10/2021				<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					
2/7/2022				<0.005	<0.005	<0.005	<0.005	<0.005
8/8/2022								<0.005
8/9/2022	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
1/30/2023		<0.005						
1/31/2023	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
8/14/2023		<0.005						<0.005
8/15/2023	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	
2/19/2024		<0.005						
2/20/2024	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
8/11/2024	<0.005	<0.005			<0.005	<0.005	<0.005	
8/12/2024			<0.005	<0.005				<0.005
2/11/2025	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23
2/12/2025			<0.005					<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Barium (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)	GWC-5	GWC-6	GWC-7	GWC-8
3/6/2007	0.032	0.12	0.17	0.13					
3/7/2007					0.03	0.1	0.057		
5/8/2007	0.04	0.11	0.21	0.12	0.032	0.11			
5/9/2007							0.054	0.011	0.13
7/6/2007						0.11		0.0065	0.12
7/7/2007	0.041	0.11							
7/17/2007			0.21	0.12	0.028		0.059		
8/28/2007	0.044	0.13	0.2	0.13	0.03	0.1	0.061	0.0095	0.11
11/6/2007	0.044	0.12	0.19	0.12		0.1	0.074	0.013	0.1
11/7/2007					0.032				
3/31/2008								0.0098	0.23
5/8/2008			0.2	0.13		0.11	0.079	0.011	0.1
5/9/2008	0.03	0.12			0.032				
12/2/2008					0.036			0.011	0.11
12/3/2008	0.047	0.12	0.18	0.14		0.091	0.1		
4/7/2009	0.032	0.13	0.2	0.097		0.094	0.091		
4/8/2009					0.04			0.0091	0.1
9/30/2009									0.099
10/1/2009	0.043	0.14			0.039	0.097	0.092	0.0098	
10/2/2009			0.2	0.11					
4/13/2010		0.15					0.095	0.0084	0.098
4/14/2010	0.032		0.2	0.059	0.041	0.096			
10/6/2010							0.11		
10/7/2010		0.16						0.01	
10/13/2010	0.046				0.039				0.092
10/14/2010			0.18	0.053		0.1			
4/5/2011			0.16	0.042		0.092	0.1	0.015	0.085
4/6/2011	0.034	0.14			0.034				
10/4/2011					0.032		0.11	0.01	0.091
10/6/2011		0.16							
10/10/2011	0.038								
10/12/2011			0.15	0.048		0.12			
4/3/2012	0.0363	0.165					0.116	0.0426	0.101
4/4/2012			0.165	0.044		0.105			
4/10/2012					0.0425				
9/18/2012							0.12	0.02	
9/19/2012		0.16							0.1
9/24/2012	0.041			0.048		0.13			
9/26/2012			0.17		0.035				
3/12/2013	0.041	0.16	0.17	0.043	0.035	0.1	0.11	0.35	0.098
9/9/2013		0.17					0.13		
9/10/2013			0.18	0.042	0.035	0.13		0.11	0.11
9/11/2013	0.048								
3/4/2014	0.036	0.16			0.031				
3/5/2014						0.084	0.12	0.054	0.087
3/11/2014			0.17	0.04					
9/3/2014	0.04	0.17			0.033				
9/8/2014			0.16	0.042			0.13	0.044	
9/9/2014						0.11			0.1
4/21/2015	0.033		0.16	0.05	0.03	0.11		0.065	
4/22/2015		0.17					0.14		0.095
9/29/2015			0.14	0.044	0.031	0.097	0.14	0.036	0.093

Time Series

Constituent: Barium (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)	GWC-5	GWC-6	GWC-7	GWC-8
9/30/2015	0.042	0.15							
3/22/2016	0.0326	0.197	0.188	0.0397	0.0327				
3/23/2016						0.0993	0.156	0.263	0.0918
5/17/2016	0.0387	0.178	0.193	0.0351	0.0323	0.104	0.168		
5/18/2016								0.245	0.0957
7/5/2016	0.0403	0.182	0.172						
7/6/2016				0.0475	0.0344	0.104	0.171	0.117	0.0935
9/7/2016	0.0413	0.172	0.164	0.0415	0.0324	0.0945	0.154	0.0703	
9/8/2016									0.0925
10/18/2016	0.0409	0.174	0.138	0.0424	0.0311	0.0928	0.159	0.068	0.0939
12/6/2016	0.0408		0.149	0.0528	0.0311				
12/7/2016		0.167							
12/8/2016						0.1	0.156	0.0791	0.0996
1/31/2017	0.0435	0.176							
2/1/2017			0.121	0.0482	0.0332	0.0972	0.163		
2/2/2017								0.17	0.096
3/23/2017	0.038	0.157	0.143			0.105	0.161		
3/24/2017				0.0595	0.032			0.181	0.106
10/4/2017	0.0396	0.143	0.139	0.0486		0.102	0.171	0.0937	
10/5/2017					0.0325				0.103
3/14/2018	0.039	0.17							0.1
3/15/2018			0.17	0.04	0.031			0.15	
3/16/2018						0.091	0.17		
10/4/2018	0.039	0.18	0.16	0.05	0.033	0.084	0.19	0.08	0.11
4/5/2019			0.13						
4/8/2019	0.031	0.15		0.047	0.031		0.15	0.24	0.13
4/9/2019						0.067			
6/18/2019									0.17
6/27/2019									0.14
9/30/2019	0.042	0.17	0.14	0.051	0.03				
10/1/2019						0.09	0.18	0.085	0.12
3/26/2020	0.032	0.16	0.14	0.049	0.031				
3/27/2020									0.14
3/30/2020								0.21	
3/31/2020						0.064	0.18		
9/21/2020		0.18							
9/22/2020					0.031				
9/23/2020	0.041		0.14	0.043					
9/24/2020								0.11	0.14
9/25/2020						0.074	0.16		
3/8/2021	0.035		0.12	0.052	0.031				
3/9/2021		0.17				0.063	0.17	0.31	0.14
8/9/2021	0.046	0.19	0.12	0.034					
8/10/2021					0.03	0.077	0.18	0.14	0.23 (O)
9/28/2021									0.2
2/4/2022	0.038	0.18	0.081	0.037	0.031	0.061	0.16	0.35	0.17
8/8/2022	0.04	0.18	0.1	0.04	0.029		0.15		
8/9/2022						0.074			0.16
8/10/2022								0.098	
1/30/2023	0.037	0.2	0.07	0.037	0.03				
1/31/2023						0.064	0.15	0.047	0.12
8/14/2023	0.039	0.19	0.087	0.045	0.028		0.15		

Time Series

Constituent: Barium (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)	GWC-5	GWC-6	GWC-7	GWC-8
8/15/2023						0.072		0.041	0.12
2/19/2024	0.04	0.19	0.083	0.051	0.031				
2/20/2024						0.07			
2/21/2024							0.15	0.035	0.11
8/10/2024		0.18							
8/11/2024	0.038		0.084	0.04	0.031			0.045	0.12
8/12/2024						0.073	0.14		
2/11/2025	0.033	0.2	0.081	0.035	0.031	0.073			
2/12/2025							0.14	0.04	0.14

Time Series

Constituent: Barium (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23
3/6/2007				0.088		0.038	0.023	0.05
3/7/2007	0.059	0.15	0.072		0.11			
5/8/2007	0.055	0.14						
5/9/2007			0.063	0.07	0.082	0.046	0.034	0.055
7/6/2007	0.052							
7/17/2007		0.1	0.058	0.063	0.078	0.06	0.034	0.048
8/28/2007	0.047	0.1	0.06	0.066				
8/29/2007					0.096	0.07	0.048	0.056
11/6/2007	0.048							
11/7/2007		0.11	0.072	0.07	0.1	0.055	0.042	0.07
3/31/2008						0.043		0.048
5/7/2008			0.076	0.071	0.11	0.032	0.078	0.063
5/8/2008	0.052							
5/9/2008		0.15						
12/2/2008	0.056	0.11						
12/3/2008			0.066					
12/4/2008				0.068				
12/5/2008					0.11	0.06	0.067	0.068
4/8/2009	0.057	0.16						
4/14/2009			0.08	0.076	0.11		0.083	0.062
4/27/2009						0.032		
9/30/2009	0.055				0.12	0.046	0.086	
10/1/2009		0.11	0.074					0.064
10/2/2009				0.07				
4/13/2010	0.053		0.062	0.085	0.11	0.035	0.087	
4/14/2010		0.15						0.048
10/12/2010			0.078	0.075	0.12	0.15	0.082	
10/13/2010	0.054	0.1						0.071
4/5/2011	0.035 (O)							
4/6/2011		0.13	0.066	0.077			0.082	0.042
10/4/2011	0.058	0.089						
10/5/2011						0.055	0.082	
10/12/2011			0.071	0.12	0.11			0.066
4/4/2012	0.0632							
4/5/2012			0.0675	0.143				
4/9/2012					0.13		0.0959	0.0628
4/10/2012		0.126				0.0399		
9/19/2012	0.061		0.073					0.073
9/25/2012				0.13	0.13		0.09	
9/26/2012		0.093				0.093		
3/12/2013	0.056	0.13						
3/13/2013			0.075	0.14	0.12	0.066	0.092	0.057
9/10/2013	0.067	0.14	0.081					0.066
9/11/2013				0.15	0.12	0.053	0.096	
3/4/2014		0.11						
3/5/2014	0.055							
3/10/2014			0.064	0.13	0.11			
3/11/2014						0.039	0.085	0.054
9/3/2014	0.051	0.1	0.078					0.06
9/9/2014				0.16	0.11	0.14	0.096	
4/21/2015	0.059	0.14						
4/22/2015			0.067	0.15				

Time Series

Constituent: Barium (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23
4/23/2015					0.11		0.093	0.06
9/29/2015	0.06							
9/30/2015		0.096	0.075	0.15	0.11	0.15	0.096	0.076
3/23/2016	0.0636	0.132			0.115		0.0938	0.0533
3/24/2016			0.0818	0.152		0.046		
5/17/2016		0.122						
5/18/2016	0.0629		0.0763	0.146	0.128	0.0557	0.0983	
5/19/2016								0.074
7/6/2016	0.0646	0.101		0.152				
7/7/2016			0.0747		0.124	0.0596	0.121	0.0766
9/7/2016		0.0985						
9/8/2016	0.063		0.081	0.142	0.121	0.184	0.0917	0.0726
10/18/2016		0.104		0.145				
10/19/2016	0.0644		0.084		0.117	0.186	0.091	0.072
12/6/2016		0.1						
12/7/2016				0.133	0.11	0.174	0.0868	0.0732
12/8/2016	0.0648		0.0799					
2/2/2017	0.0656	0.147	0.0813	0.14		0.0783	0.0939	
2/3/2017					0.123			0.0619
3/27/2017	0.0619	0.158	0.0714	0.152	0.112	0.0363	0.0905	0.0602
10/5/2017	0.0655	0.106	0.0755	0.142	0.128	0.0562	0.0945	0.0734
3/15/2018	0.062	0.18		0.14		0.086	0.096	0.053
3/16/2018			0.074		0.12			
5/15/2018		0.16						
10/4/2018		0.2		0.16		0.079	0.1	
10/5/2018	0.07		0.081		0.12			0.065
12/11/2018		0.18						
1/11/2019		0.17						
4/8/2019	0.058							0.059
4/9/2019		0.17	0.081	0.15	0.13	0.05	0.094	
10/1/2019	0.071	0.12	0.082	0.15	0.14	0.18	0.1	0.082
3/26/2020								0.071
3/27/2020	0.06	0.037						
3/30/2020			0.077					
3/31/2020				0.17	0.15	0.044	0.1	
6/19/2020					0.14			
9/23/2020					0.13		0.1	0.079
9/24/2020	0.06		0.079			0.19		
9/25/2020		0.11						
9/28/2020				0.15				
3/9/2021	0.059	0.15	0.077			0.12	0.089	0.085
3/10/2021				0.15	0.13			
8/10/2021	0.067	0.14	0.093	0.14	0.14	0.057	0.091	0.085
2/4/2022	0.067	0.16	0.08					
2/7/2022				0.14	0.14	0.063	0.092	0.091
8/8/2022								0.078
8/9/2022	0.068	0.12	0.08	0.14	0.15	0.056	0.098	
1/30/2023		0.17						
1/31/2023	0.064		0.077	0.15	0.14	0.033	0.09	0.11
8/14/2023		0.12						0.071
8/15/2023	0.064		0.077	0.15	0.16	0.058	0.092	
2/19/2024		0.14						

Time Series

Constituent: Barium (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23
2/20/2024	0.073		0.083	0.15	0.15	0.052	0.091	0.096
8/11/2024	0.068	0.11			0.16	0.098	0.1	
8/12/2024			0.076	0.14				0.075
2/11/2025	0.071	0.14		0.15	0.14	0.054	0.091	
2/12/2025			0.082					0.068

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)	GWC-5	GWC-6	GWC-7	GWC-8
3/6/2007	<0.0005	<0.0005	<0.0005	<0.0005					
3/7/2007					<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	0.28 (O)	<0.0005
7/6/2007						<0.0005		0.093 (O)	<0.0005
7/7/2007	<0.0005	<0.0005							
7/17/2007			<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	0.057 (O)	<0.0005
11/6/2007	<0.0005	<0.0005	<0.0005	<0.0005		<0.0005	<0.0005	0.036 (O)	<0.0005
11/7/2007					<0.0005				
3/31/2008								0.019	<0.0005
5/8/2008			<0.0005	<0.0005		<0.0005	<0.0005	0.013	<0.0005
5/9/2008	<0.0005	<0.0005			<0.0005				
12/2/2008					<0.0005			0.01	<0.0005
12/3/2008	<0.0005	<0.0005	<0.0005	<0.0005		<0.0005	<0.0005		
4/7/2009	<0.0005	<0.0005	<0.0005	<0.0005		<0.0005	<0.0005		
4/8/2009					<0.0005			0.0076	<0.0005
9/30/2009									<0.0005
10/1/2009	<0.0005	<0.0005			<0.0005	<0.0005	<0.0005	0.0057	
10/2/2009			<0.0005	<0.0005					
4/13/2010		<0.0005					<0.0005	0.0061	<0.0005
4/14/2010	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005			
10/6/2010							<0.0005		
10/7/2010		<0.0005						0.0039	
10/13/2010	<0.0005				<0.0005				<0.0005
10/14/2010			<0.0005	<0.0005		<0.0005			
4/5/2011			<0.0005	<0.0005		<0.0005	<0.0005	0.0025	<0.0005
4/6/2011	<0.0005	<0.0005			<0.0005				
10/4/2011					<0.0005		<0.0005	0.0024	<0.0005
10/6/2011		<0.0005							
10/10/2011	<0.0005								
10/12/2011			<0.0005	<0.0005		<0.0005			
4/3/2012	<0.0005	<0.0005					<0.0005	0.0008	<0.0005
4/4/2012			<0.0005	<0.0005		<0.0005			
4/10/2012					<0.0005				
9/18/2012							<0.0005	0.002	
9/19/2012		<0.0005							<0.0005
9/24/2012	<0.0005			<0.0005		<0.0005			
9/26/2012			<0.0005		<0.0005				
3/12/2013	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
9/9/2013		<0.0005					<0.0005		
9/10/2013			<0.0005	<0.0005	<0.0005	<0.0005		<0.0005	<0.0005
9/11/2013	<0.0005								
3/4/2014	<0.0005	<0.0005			<0.0005				
3/5/2014						<0.0005	<0.0005	0.00037 (J)	<0.0005
3/11/2014			<0.0005	<0.0005					
9/3/2014	<0.0005	<0.0005			<0.0005				
9/8/2014			<0.0005	<0.0005			<0.0005	0.00055 (J)	
9/9/2014						<0.0005			<0.0005
4/21/2015	<0.0005		8E-05 (J)	<0.0005	<0.0005	<0.0005		0.00033 (J)	
4/22/2015		<0.0005					<0.0005		<0.0005
9/29/2015			<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.00046 (J)	<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)	GWC-5	GWC-6	GWC-7	GWC-8
9/30/2015	<0.0005	<0.0005							
3/22/2016	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005				
3/23/2016						<0.0005	<0.0005	<0.0005	<0.0005
5/17/2016	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005		
5/18/2016								<0.0005	<0.0005
7/5/2016	<0.0005	<0.0005	<0.0005						
7/6/2016				<0.0005	<0.0005	<0.0005	<0.0005	0.0002 (J)	<0.0005
9/7/2016	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0002 (J)	
9/8/2016									<0.0005
10/18/2016	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0002 (J)	<0.0005
12/6/2016	<0.0005		<0.0005	<0.0005	<0.0005				
12/7/2016		<0.0005							
12/8/2016						<0.0005	<0.0005	0.0003 (J)	<0.0005
1/31/2017	<0.0005	<0.0005							
2/1/2017			<0.0005	<0.0005	<0.0005	<0.0005	<0.0005		
2/2/2017								<0.0005	<0.0005
3/23/2017	<0.0005	<0.0005	<0.0005			<0.0005	<0.0005		
3/24/2017				<0.0005	<0.0005			<0.0005	<0.0005
10/4/2017	<0.0005	<0.0005	<0.0005	<0.0005		<0.0005	<0.0005	0.0001 (J)	
10/5/2017					<0.0005				<0.0005
3/14/2018	<0.0005	<0.0005							<0.0005
3/15/2018			<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	0.0002 (J)	<0.0005
4/5/2019			<0.0005						
4/8/2019	<0.0005	<0.0005		<0.0005	<0.0005		<0.0005	5.8E-05 (J)	<0.0005
4/9/2019						<0.0005			
9/30/2019	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005				
10/1/2019						<0.0005	<0.0005	0.0001 (J)	<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					
9/24/2020								5E-05 (J)	<0.0005
9/25/2020						<0.0005	<0.0005		
3/8/2021	<0.0005		<0.0005	<0.0005	<0.0005				
3/9/2021		<0.0005				<0.0005	<0.0005	<0.0005	<0.0005
8/9/2021	<0.0005	<0.0005	<0.0005	<0.0005					
8/10/2021					<0.0005	<0.0005	<0.0005	6.1E-05 (J)	<0.0005
2/4/2022	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
8/8/2022	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005		<0.0005		
8/9/2022						<0.0005			<0.0005
8/10/2022								7.6E-05 (J)	
1/30/2023	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005				
1/31/2023						<0.0005	<0.0005	0.00021 (J)	<0.0005
8/14/2023	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005		<0.0005		
8/15/2023						<0.0005		0.00027 (J)	<0.0005
2/19/2024	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005				
2/20/2024						<0.0005			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)	GWC-5	GWC-6	GWC-7	GWC-8
2/21/2024							<0.0005	0.00036 (J)	<0.0005
8/10/2024		<0.0005							
8/11/2024	<0.0005		<0.0005	<0.0005	<0.0005			0.00013 (J)	<0.0005
8/12/2024						<0.0005	<0.0005		
2/11/2025	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			
2/12/2025							<0.0005	0.00016 (J)	<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23
3/6/2007				<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						
5/9/2007			<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
7/6/2007	<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				
8/29/2007					<0.0005	<0.0005	<0.0005	<0.0005
11/6/2007	<0.0005							
11/7/2007		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
3/31/2008						<0.0005		<0.0005
5/7/2008			<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
5/8/2008	<0.0005							
5/9/2008		<0.0005						
12/2/2008	<0.0005	<0.0005						
12/3/2008			<0.0005					
12/4/2008				<0.0005				
12/5/2008					<0.0005	<0.0005	<0.0005	<0.0005
4/8/2009	<0.0005	<0.0005						
4/14/2009			<0.0005	<0.0005	<0.0005		<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
10/2/2009				<0.0005				
4/13/2010	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
4/14/2010		<0.0005						<0.0005
10/12/2010			<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
10/13/2010	<0.0005	<0.0005						<0.0005
4/5/2011	<0.0005							
4/6/2011		<0.0005	<0.0005	<0.0005			<0.0005	<0.0005
10/4/2011	<0.0005	<0.0005						
10/5/2011						<0.0005	<0.0005	
10/12/2011			<0.0005	<0.0005	<0.0005			<0.0005
4/4/2012	<0.0005							
4/5/2012			<0.0005	<0.0005				
4/9/2012					<0.0005		<0.0005	<0.0005
4/10/2012		<0.0005				<0.0005		
9/19/2012	<0.0005		<0.0005					<0.0005
9/25/2012				<0.0005	<0.0005		<0.0005	
9/26/2012		<0.0005				<0.0005		
3/12/2013	<0.0005	<0.0005						
3/13/2013			<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
9/10/2013	<0.0005	<0.0005	<0.0005					<0.0005
9/11/2013				<0.0005	<0.0005	<0.0005	<0.0005	
3/4/2014		<0.0005						
3/5/2014	<0.0005							
3/10/2014			<0.0005	<0.0005	<0.0005			
3/11/2014						<0.0005	<0.0005	<0.0005
9/3/2014	<0.0005	<0.0005	<0.0005					<0.0005
9/9/2014				<0.0005	<0.0005	<0.0005	<0.0005	
4/21/2015	<0.0005	<0.0005						
4/22/2015			<0.0005	<0.0005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23
4/23/2015					<0.0005		<0.0005	<0.0005
9/29/2015	<0.0005							
9/30/2015		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
3/23/2016	<0.0005	<0.0005			<0.0005		<0.0005	<0.0005
3/24/2016			<0.0005	<0.0005		<0.0005		
5/17/2016		<0.0005						
5/18/2016	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
5/19/2016								<0.0005
7/6/2016	<0.0005	<0.0005		<0.0005				
7/7/2016			<0.0005		<0.0005	<0.0005	<0.0005	<0.0005
9/7/2016		<0.0005						
9/8/2016	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
10/18/2016		<0.0005		<0.0005				
10/19/2016	<0.0005		<0.0005		<0.0005	<0.0005	<0.0005	<0.0005
12/6/2016		<0.0005						
12/7/2016				<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
12/8/2016	<0.0005		<0.0005					
2/2/2017	<0.0005	<0.0005	<0.0005	<0.0005		<0.0005	<0.0005	
2/3/2017					<0.0005			<0.0005
3/27/2017	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
10/5/2017	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
3/15/2018	<0.0005	<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	
10/5/2018	<0.0005		<0.0005		<0.0005			<0.0005
4/8/2019	<0.0005							<0.0005
4/9/2019		<0.0005	<0.0005	<0.0005	<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	<0.0005
9/24/2020	<0.0005		<0.0005			<0.0005		
9/25/2020		<0.0005						
9/28/2020				0.0001 (J)				
3/9/2021	<0.0005	<0.0005	<0.0005			<0.0005	<0.0005	<0.0005
3/10/2021				<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					
2/7/2022				<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
8/8/2022								<0.0005
8/9/2022	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
1/30/2023		<0.0005						
1/31/2023	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
8/14/2023		<0.0005						<0.0005
8/15/2023	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
2/19/2024		<0.0005						
2/20/2024	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
8/11/2024	<0.0005	<0.0005			<0.0005	<0.0005	<0.0005	
8/12/2024			<0.0005	<0.0005				<0.0005
2/11/2025	<0.0005	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23
2/12/2025			<0.0005					<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)	GWC-5	GWC-6	GWC-7	GWC-8
3/22/2016	<0.04	0.0828 (J)	0.135	0.0815 (J)	0.04 (J)				
3/23/2016						0.0509 (J)	0.0379 (J)	0.0574 (J)	0.0213 (J)
5/17/2016	<0.04	0.0844 (J)	0.132	0.0838 (J)	0.0358 (J)	0.0565 (J)	0.0395 (J)		
5/18/2016								0.0686 (J)	0.028 (J)
7/5/2016	0.0419 (J)	0.0962 (J)	0.161						
7/6/2016				0.111	0.0373 (J)	0.0628 (J)	0.0393 (J)	0.0675 (J)	0.0231 (J)
9/7/2016	0.0174 (J)	0.0884 (J)	0.163	0.107	0.0352 (J)	0.0648 (J)	0.04 (J)	0.0582 (J)	
9/8/2016									0.0234 (J)
10/18/2016	0.0192 (J)	0.0889 (J)	0.154	0.118	0.0332 (J)	0.0666 (J)	0.0366 (J)	0.0577 (J)	0.0228 (J)
12/6/2016	0.0182 (J)		0.142	0.106	0.033 (J)				
12/7/2016		0.0954							
12/8/2016						0.062	0.0397 (J)	0.0572	0.0251 (J)
1/31/2017	0.0193 (J)	0.0939							
2/1/2017			0.143	0.0949	0.0365 (J)	0.0516	0.0381 (J)		
2/2/2017								0.0534	0.0238 (J)
3/23/2017	0.0192 (J)	0.0869	0.15			0.0597	0.0416		
3/24/2017				0.0887	0.0343 (J)			0.0532	0.0234 (J)
10/4/2017	0.0199 (J)	0.0914	0.182	0.105		0.0658	0.0382 (J)	0.0563	
10/5/2017					0.0325 (J)				0.0329 (J)
3/14/2018	0.019 (J)	0.075							0.024 (J)
3/15/2018			0.14	0.043	0.037 (J)			0.053	
3/16/2018						0.047	0.044		
5/16/2018							0.042		
10/4/2018	0.021 (J)	0.082	0.16	0.1	0.035 (J)	0.066	0.038 (J)	0.048	0.047 (J)
4/5/2019			0.12						
4/8/2019	0.019 (J)	0.071 (J)		0.057 (J)	0.034 (J)		0.036 (J)	0.049 (J)	0.055 (J)
4/9/2019						0.048			
9/30/2019	0.025 (J)	0.084	0.17	0.11	0.039 (J)				
10/1/2019						0.071	0.042	0.05	0.046
3/26/2020	0.022 (J)	0.092 (J)	0.14	0.086 (J)	0.041 (J)				
3/27/2020									0.056 (J)
3/30/2020								0.049 (J)	
3/31/2020						0.057 (J)	0.091 (JO)		
6/18/2020							0.045 (J)		
6/19/2020									0.086 (J)
9/21/2020		0.086 (J)							
9/22/2020					0.038 (J)				
9/23/2020	0.047 (J)		0.15	0.087 (J)					
9/24/2020								0.045 (J)	0.055 (J)
9/25/2020						0.08 (J)	0.047 (J)		
3/8/2021	0.021 (J)		0.13	0.089	0.042				
3/9/2021		0.081				0.046	0.038 (J)	0.041	0.05
8/9/2021	0.021 (J)	0.085	0.14	0.073					
8/10/2021					0.034 (J)	0.056	0.037 (J)	0.037 (J)	0.088
2/4/2022	0.018 (J)	0.083	0.094	0.06	0.037 (J)	0.04	0.039 (J)	0.055	0.055
8/8/2022	0.026 (J)	0.087	0.15	0.077	0.035 (J)		0.038 (J)		
8/9/2022						0.058			0.043
8/10/2022								0.046	
1/30/2023	0.026 (J)	0.086	0.094	0.058	0.038 (J)				
1/31/2023						0.043	0.037 (J)	0.025 (J)	0.029 (J)
8/14/2023	0.049	0.097	0.15	0.082	0.038 (J)		0.039 (J)		
8/15/2023						0.06		0.03 (J)	0.031 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)	GWC-5	GWC-6	GWC-7	GWC-8
2/19/2024	0.03 (J)	0.083	0.082	0.059	0.028 (J)				
2/20/2024						0.031 (J)			
2/21/2024							0.04	0.027 (J)	0.032 (J)
8/10/2024		0.072							
8/11/2024	<0.04		0.13	0.074	0.045			0.035 (J)	0.035 (J)
8/12/2024						0.09	0.053		
2/11/2025	0.019 (J)	0.094	0.11	0.044	0.039 (J)	0.046			
2/12/2025							0.044	0.026 (J)	0.042

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23
3/23/2016	<0.04	0.0354 (J)			<0.04		0.0649 (J)	<0.1
3/24/2016			0.122	0.173		0.0232 (J)		
5/17/2016		0.0349 (J)						
5/18/2016	0.0202 (J)		0.139	0.186	0.0229 (J)	0.0289 (J)	0.0781 (J)	
5/19/2016								0.0212 (J)
7/6/2016	0.0171 (J)	0.0308 (J)		0.184				
7/7/2016			0.12		0.0169 (J)	0.0313 (J)	0.0621 (J)	0.0183 (J)
9/7/2016		0.0283 (J)						
9/8/2016	0.0157 (J)		0.126	0.173	0.0178 (J)	0.0593 (J)	0.0607 (J)	0.017 (J)
10/18/2016		0.0292 (J)		0.171				
10/19/2016	0.0152 (J)		0.133		0.018 (J)	0.087 (J)	0.0733 (J)	0.0203 (J)
12/6/2016		0.0287 (J)						
12/7/2016				0.203	0.0248 (J)	0.127	0.0758	0.0215 (J)
12/8/2016	0.0178 (J)		0.119					
2/2/2017	0.0151 (J)	0.0334 (J)	0.132	0.187		0.0318 (J)	0.0729	
2/3/2017					0.0171 (J)			0.0812
3/27/2017	0.0203 (J)	0.0396 (J)	0.134	0.182	0.0181 (J)	0.0225 (J)	0.0698	0.125 (o)
10/5/2017	0.0157 (J)	0.0294 (J)	0.125	0.166	0.0178 (J)	0.0304 (J)	0.0677	0.0375 (J)
3/15/2018	0.013 (J)	0.038 (J)		0.17		0.025 (J)	0.07	0.051
3/16/2018			0.12		0.016 (J)			
10/4/2018		0.038 (J)		0.17		0.029 (J)	0.065	
10/5/2018	0.017 (J)		0.15		0.017 (J)			0.039 (J)
4/8/2019	0.015 (J)							0.022 (J)
4/9/2019		0.035 (J)	0.12	0.17	0.011 (J)	0.014 (J)	0.063	
10/1/2019	0.018 (J)	0.031 (J)	0.14	0.17	0.019 (J)	0.059	0.066	0.024 (J)
3/26/2020								0.042 (J)
3/27/2020	0.018 (J)	0.04 (J)						
3/30/2020			0.13					
3/31/2020				0.18	0.024 (J)	0.022 (J)	0.067 (J)	
9/23/2020					0.018 (J)		0.061 (J)	0.024 (J)
9/24/2020	0.016 (J)		0.13			0.061 (J)		
9/25/2020		0.036 (J)						
9/28/2020				0.17				
3/9/2021	0.014 (J)	0.037 (J)	0.13			0.03 (J)	0.065	0.044
3/10/2021				0.16	0.018 (J)			
8/10/2021	0.012 (J)	0.033 (J)	0.14	0.14	0.013 (J)	0.026 (J)	0.057	0.027 (J)
2/4/2022	0.013 (J)	0.037 (J)	0.12					
2/7/2022				0.15	0.015 (J)	0.018 (J)	0.064	0.052
8/8/2022								0.022 (J)
8/9/2022	0.014 (J)	0.031 (J)	0.12	0.14	0.015 (J)	0.029 (J)	0.059	
1/30/2023		0.038 (J)						
1/31/2023	0.012 (J)		0.12	0.13	0.015 (J)	0.013 (J)	0.052	0.06
8/14/2023		0.032 (J)						0.019 (J)
8/15/2023	0.022 (J)		0.14	0.16	0.019 (J)	0.03 (J)	0.068	
2/19/2024		0.028 (J)						
2/20/2024	<0.04		0.12	0.14	<0.04	0.025 (J)	0.066	0.048
8/11/2024	0.017 (J)	0.032 (J)			0.018 (J)	0.038 (J)	0.067	
8/12/2024			0.14	0.16				0.028 (J)
2/11/2025	0.017 (J)	0.041		0.16	0.018 (J)	0.021 (J)	0.069	
2/12/2025			0.14					0.019 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)	GWC-5	GWC-6	GWC-7	GWC-8
3/6/2007	<0.0005	<0.0005	<0.0005	<0.0005					
3/7/2007					<0.0005	0.0015	<0.0005		
5/8/2007	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			
5/9/2007							<0.0005	0.023 (O)	<0.0005
7/6/2007						<0.0005		0.0081 (O)	<0.0005
7/7/2007	<0.0005	<0.0005							
7/17/2007			<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	0.0035	<0.0005
11/6/2007	<0.0005	<0.0005	<0.0005	<0.0005		<0.0005	<0.0005	0.0028	<0.0005
11/7/2007					<0.0005				
3/31/2008								<0.0005	<0.0005
5/8/2008			<0.0005	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005
5/9/2008	<0.0005	<0.0005			<0.0005				
12/2/2008					<0.0005			<0.0005	<0.0005
12/3/2008	<0.0005	<0.0005	<0.0005	<0.0005		<0.0005	<0.0005		
4/7/2009	<0.0005	<0.0005	<0.0005	<0.0005		<0.0005	<0.0005		
4/8/2009					<0.0005			0.0013	<0.0005
9/30/2009									<0.0005
10/1/2009	<0.0005	<0.0005			<0.0005	<0.0005	<0.0005	<0.0005	
10/2/2009			<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			
10/6/2010							<0.0005		
10/7/2010		<0.0005						<0.0005	
10/13/2010	<0.0005				<0.0005				<0.0005
10/14/2010			<0.0005	<0.0005		<0.0005			
4/5/2011			<0.0005	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005
4/6/2011	<0.0005	<0.0005			<0.0005				
10/4/2011					<0.0005		<0.0005	<0.0005	<0.0005
10/6/2011		<0.0005							
10/10/2011	<0.0005								
10/12/2011			<0.0005	<0.0005		<0.0005			
4/3/2012	<0.0005	<0.0005					<0.0005	<0.0005	<0.0005
4/4/2012			<0.0005	<0.0005		<0.0005			
4/10/2012					<0.0005				
9/18/2012							<0.0005	<0.0005	
9/19/2012		<0.0005							<0.0005
9/24/2012	<0.0005			<0.0005		<0.0005			
9/26/2012			<0.0005		<0.0005				
3/12/2013	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
9/9/2013		<0.0005					<0.0005		
9/10/2013			<0.0005	<0.0005	<0.0005	<0.0005		<0.0005	<0.0005
9/11/2013	<0.0005								
3/4/2014	<0.0005	<0.0005			<0.0005				
3/5/2014						<0.0005	<0.0005	<0.0005	<0.0005
3/11/2014			<0.0005	<0.0005					
9/3/2014	<0.0005	<0.0005			<0.0005				
9/8/2014			<0.0005	<0.0005			<0.0005	<0.0005	
9/9/2014						<0.0005			<0.0005
4/21/2015	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005		0.0015	
4/22/2015		<0.0005					<0.0005		<0.0005
9/29/2015			<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)	GWC-5	GWC-6	GWC-7	GWC-8
9/30/2015	<0.0005	<0.0005							
3/22/2016	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005				
3/23/2016						<0.0005	<0.0005	<0.0005	<0.0005
5/17/2016	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005		
5/18/2016								<0.0005	<0.0005
7/5/2016	<0.0005	<0.0005	<0.0005						
7/6/2016				<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
9/7/2016	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
9/8/2016									<0.0005
10/18/2016	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
12/6/2016	<0.0005		<0.0005	<0.0005	<0.0005				
12/7/2016		<0.0005							
12/8/2016						<0.0005	<0.0005	<0.0005	<0.0005
1/31/2017	<0.0005	<0.0005							
2/1/2017			<0.0005	0.0001 (J)	<0.0005	<0.0005	<0.0005		
2/2/2017								0.0001 (J)	8E-05 (J)
3/23/2017	<0.0005	<0.0005	<0.0005			<0.0005	<0.0005		
3/24/2017				<0.0005	<0.0005			<0.0005	<0.0005
10/4/2017	<0.0005	<0.0005	<0.0005	<0.0005		<0.0005	<0.0005	<0.0005	
10/5/2017					<0.0005				<0.0005
3/14/2018	<0.0005	<0.0005							<0.0005
3/15/2018			<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	<0.0005	<0.0005
4/5/2019			<0.0005						
4/8/2019	<0.0005	<0.0005		<0.0005	<0.0005		<0.0005	<0.0005	<0.0005
4/9/2019						<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					
9/24/2020								<0.0005	<0.0005
9/25/2020						<0.0005	<0.0005		
3/8/2021	<0.0005		<0.0005	<0.0005	<0.0005				
3/9/2021		<0.0005				<0.0005	<0.0005	<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	<0.0005	<0.0005
8/8/2022	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005		<0.0005		
8/9/2022						<0.0005			<0.0005
8/10/2022								<0.0005	
1/30/2023	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005				
1/31/2023						<0.0005	<0.0005	<0.0005	<0.0005
8/14/2023	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005		<0.0005		
8/15/2023						<0.0005		<0.0005	<0.0005
2/19/2024	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005				
2/20/2024						<0.0005			

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)	GWC-5	GWC-6	GWC-7	GWC-8
2/21/2024							<0.0005	<0.0005	<0.0005
8/10/2024		<0.0005							
8/11/2024	<0.0005		<0.0005	<0.0005	<0.0005			<0.0005	<0.0005
8/12/2024						<0.0005	<0.0005		
2/11/2025	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			
2/12/2025							<0.0005	<0.0005	<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23
3/6/2007				<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						
5/9/2007			<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
7/6/2007	<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				
8/29/2007					<0.0005	<0.0005	<0.0005	<0.0005
11/6/2007	<0.0005							
11/7/2007		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
3/31/2008						<0.0005		<0.0005
5/7/2008			<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
5/8/2008	<0.0005							
5/9/2008		<0.0005						
12/2/2008	<0.0005	<0.0005						
12/3/2008			<0.0005					
12/4/2008				<0.0005				
12/5/2008					<0.0005	<0.0005	<0.0005	<0.0005
4/8/2009	<0.0005	<0.0005						
4/14/2009			<0.0005	<0.0005	<0.0005		<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
10/2/2009				<0.0005				
4/13/2010	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
4/14/2010		<0.0005						<0.0005
10/12/2010			<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
10/13/2010	<0.0005	<0.0005						<0.0005
4/5/2011	<0.0005							
4/6/2011		<0.0005	<0.0005	<0.0005			<0.0005	<0.0005
10/4/2011	<0.0005	<0.0005						
10/5/2011						<0.0005	<0.0005	
10/12/2011			<0.0005	<0.0005	<0.0005			<0.0005
4/4/2012	<0.0005							
4/5/2012			<0.0005	<0.0005				
4/9/2012					<0.0005		<0.0005	<0.0005
4/10/2012		<0.0005				<0.0005		
9/19/2012	<0.0005		<0.0005					<0.0005
9/25/2012				<0.0005	<0.0005		<0.0005	
9/26/2012		<0.0005				<0.0005		
3/12/2013	<0.0005	<0.0005						
3/13/2013			<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
9/10/2013	<0.0005	<0.0005	<0.0005					<0.0005
9/11/2013				<0.0005	<0.0005	<0.0005	<0.0005	
3/4/2014		<0.0005						
3/5/2014	<0.0005							
3/10/2014			<0.0005	<0.0005	<0.0005			
3/11/2014						<0.0005	<0.0005	<0.0005
9/3/2014	<0.0005	<0.0005	<0.0005					<0.0005
9/9/2014				<0.0005	<0.0005	<0.0005	<0.0005	
4/21/2015	0.00029 (J)	<0.0005						
4/22/2015			<0.0005	<0.0005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23
4/23/2015					<0.0005		<0.0005	<0.0005
9/29/2015	<0.0005							
9/30/2015		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
3/23/2016	<0.0005	<0.0005			<0.0005		<0.0005	<0.0005
3/24/2016			<0.0005	<0.0005		<0.0005		
5/17/2016		<0.0005						
5/18/2016	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
5/19/2016								<0.0005
7/6/2016	<0.0005	<0.0005		<0.0005				
7/7/2016			<0.0005		<0.0005	0.0001 (J)	<0.0005	<0.0005
9/7/2016		<0.0005						
9/8/2016	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
10/18/2016		<0.0005		<0.0005				
10/19/2016	<0.0005		<0.0005		<0.0005	<0.0005	<0.0005	<0.0005
12/6/2016		<0.0005						
12/7/2016				<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
12/8/2016	<0.0005		<0.0005					
2/2/2017	8E-05 (J)	9E-05 (J)	8E-05 (J)	<0.0005		0.0001 (J)	<0.0005	
2/3/2017					<0.0005			8E-05 (J)
3/27/2017	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
10/5/2017	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
3/15/2018	<0.0005	<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	
10/5/2018	<0.0005		<0.0005		0.00011 (J)			<0.0005
4/8/2019	<0.0005							<0.0005
4/9/2019		<0.0005	<0.0005	<0.0005	<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	<0.0005
9/24/2020	<0.0005		<0.0005			<0.0005		
9/25/2020		<0.0005						
9/28/2020				<0.0005				
3/9/2021	<0.0005	<0.0005	<0.0005			<0.0005	<0.0005	<0.0005
3/10/2021				<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					
2/7/2022				<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
8/8/2022								<0.0005
8/9/2022	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
1/30/2023		<0.0005						
1/31/2023	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
8/14/2023		<0.0005						<0.0005
8/15/2023	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
2/19/2024		<0.0005						
2/20/2024	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
8/11/2024	<0.0005	<0.0005			<0.0005	<0.0005	<0.0005	
8/12/2024			<0.0005	<0.0005				<0.0005
2/11/2025	<0.0005	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23
2/12/2025			<0.0005					<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Calcium (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)	GWC-5	GWC-6	GWC-7	GWC-8
3/31/2008								57	67
3/22/2016	13.9	47.4	79.3	123	23.8				
3/23/2016						79	64.1	45.2	69.1
5/17/2016	15.6	45.5	75.8	99.2	21.5	74.6	62.8		
5/18/2016								46.5	63.7
7/5/2016	15.7	40.5	65.3						
7/6/2016				109	20.6	66.9	59.5	29.1	56.8
9/7/2016	18.2	37.3	59.8	67.2	16.7	61.6	53.7	19.2	
9/8/2016									51.3
10/18/2016	17.7	46.6	72.4	77.9	20.3	71.6	62.3	22.6	52.6
12/6/2016	16.9		78.6	93.3	19.7				
12/7/2016		43.5							
12/8/2016						67.6	58.8	17.5	43.7
1/31/2017	17.9	39.2							
2/1/2017			85	92.8	18.1	82.5	59.6		
2/2/2017								54.4	56.5
3/23/2017	13.9	38.7	81.2			84.4	62.9		
3/24/2017				96.3	21.1			56.8	64.4
10/4/2017	15.9	36.5	78.8	75.1		70.8	62.4	30.5	
10/5/2017					20.1				59.9
3/14/2018	<25	39.5							58.8
3/15/2018			83.5	69.9	<25			43.4	
3/16/2018						78.1	66.9		
10/4/2018	15.9 (J)	41.7	75.2	77.8	21.3 (J)	73	65.5	26.1	264 (O)
12/11/2018									64.3
4/5/2019			76.5						
4/8/2019	15.7	44.1		86.6	22.4		67	56.1	81.5
4/9/2019						73.9			
6/18/2019									83.7
6/27/2019									75.9
9/30/2019	17.6	44.6	74.7	78.3	19.6				
10/1/2019						70.6	64.2	28.5	64
3/26/2020	14	43.2	78.7	87.4	22.4				
3/27/2020									87.3
3/30/2020								47.8	
3/31/2020						84.2	70.6		
9/21/2020		45.8							
9/22/2020					19.5				
9/23/2020	17.6		76.2	74.9					
9/24/2020								39.5	81.4
9/25/2020						77.1	71.3		
3/8/2021	16.2		73.5	87.2	22				
3/9/2021		48.7				85.4	70.8	64.3	83.2
8/9/2021	20.2	49.9	73.2	69.7					
8/10/2021					20.8	78.3	67.7	40.5	111
2/4/2022	18.3	57.6	59	97.3	23.7	79.5	71.2	68.3	92.6
8/8/2022	17.2	51.2	61	68.9	21.1		70.5		
8/9/2022						76.6			83.8
8/10/2022								33.3	
1/30/2023	15.8	46.8	53.1	73.6	20.4				
1/31/2023						75.5	62.5	19	69.2
8/14/2023	17.2	53.1	57.2	73.5	21.8		69.1		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Calcium (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)	GWC-5	GWC-6	GWC-7	GWC-8
8/15/2023						75.8		18.4	70.5
2/19/2024	17.9	54	59	81.3	21.4				
2/20/2024						78.7			
2/21/2024							66.7	16.5	77.4
8/10/2024		59.2							
8/11/2024	19.3		69.4	83	20.8			19.7	77.3
8/12/2024						80.8	70.8		
2/11/2025	14.1	57.2	65.7	76	21	75.5			
2/12/2025							69.3	18.5	91.8

Time Series

Constituent: Calcium (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23
3/31/2008						46		36
3/23/2016	36	43.9			56.3		49.9	36.4
3/24/2016			40.7	43.9		31.4		
5/17/2016		40.1						
5/18/2016	37.3		41.9	48.2	59	39.2	50.7	
5/19/2016								41.5
7/6/2016	32.8	32.3		45.8				
7/7/2016			36.8		50.9	36	45.5	33.5
9/7/2016		28.9						
9/8/2016	32.1		35.9	40.9	48	70	46.8	34.7
10/18/2016		35.4		45.5				
10/19/2016	35		38.7		49.7	63	47.3	33.4
12/6/2016		34.3						
12/7/2016				40.6	46.4	54.7	45.3	35.5
12/8/2016	33.4		39.4					
2/2/2017	34.3	38.1	41.5	42.4		37.4	49.9	
2/3/2017					49			31.7
3/27/2017	34.9	45.4	39.1	45.5	50.7	20.9	45.8	32
10/5/2017	34.7	35.8	41.6	42.9	52	26.8	47.3	41
3/15/2018	35.3	52.4		43.3		62.8	46.8	39.8
3/16/2018			45.9		53.4			
5/15/2018		48.4						
5/16/2018			40					
10/4/2018		51.2		43.7		48.6	50.4	
10/5/2018	37.8		39.6		52.7			39.3
12/11/2018		49.3						
4/8/2019	36.3							39.8
4/9/2019		48.8	41.4	45.8	57.1	35.4	47.3	
10/1/2019	37.2	36.8	38.7	42.3	59.1	82.8	46.9	39.1
11/6/2019						74.9		
11/26/2019						45.8		
3/26/2020								44.7
3/27/2020	34.3	22.9						
3/30/2020			45.7					
3/31/2020				52.3	63.6	25.6	51.5	
6/19/2020				41.3 (M1)	61.4			
9/23/2020					55.8		45.9	39.2
9/24/2020	35.9		36.9 (M1)			73.4		
9/25/2020		39.4						
9/28/2020				44.7				
3/9/2021	36.8	48.7	44.9			67.8	48.7	54.3
3/10/2021				47.4	64.9			
8/10/2021	38.1	45.5	48.2	44.9	62	29.7	48.1	48.2
2/4/2022	39.8	52.8	56.1					
2/7/2022				49	68.7	39.7	52.6	64.9
8/8/2022								40.6
8/9/2022	38.6	43.9	44.4	48.7	66.3	30.2	51.3	
1/30/2023		43.7						
1/31/2023	34.1		40.4	42.5	62	16.2	43.8	58.3
8/14/2023		39.8						40.7
8/15/2023	37.6		41	44.6	63.5	31.5	47.3	
2/19/2024		44.8						

Time Series

Constituent: Calcium (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23
2/20/2024	38.9		42.4	47.5	67.1	22.5	46.8	53.7
8/11/2024	40.1	39.8			67.3	40.9	51.8	
8/12/2024			43.3	48.1				47.3
2/11/2025	40.9	46.2		48.6	63.9	28.1	50.1	
2/12/2025			43.6					42.8

Time Series

Constituent: Chloride (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)	GWC-5	GWC-6	GWC-7	GWC-8
3/22/2016	1.1933	2.0975	4.0352	5.549	1.3137				
3/23/2016						2.5045	1.7709	1.1569	1.4936
5/17/2016	1.14	2.1	3.81	6.74	1.29	2.47	1.75		
5/18/2016								1.35	
5/19/2016									1.35
7/5/2016	1.4	2.4	4						
7/6/2016				5.2	1.6	2.9	2	1.9	1.6
9/7/2016	1	2.5	4.2	7.2	1.5	2.8	2	1.7	
9/8/2016									1.4
10/18/2016	1.1	2.7	4.4	7.4	1.6	2.8	2	1.8	1.4
12/6/2016	1		4.6	7.6	1.2				
12/7/2016		2.6							
12/8/2016						3.1	2	1.6	1.5
1/31/2017	1.2	2.5							
2/1/2017			3.7	8.5	2.1	3.8	2.2		
2/2/2017								2	1.7
3/23/2017	1.1	2	3.5			3.4	2		
3/24/2017				7	1.3			1.3	2.1
10/4/2017	1.1	2.2	3.6	7.4		3.7	1.7	1.7	
10/5/2017					1.3				2
3/14/2018	1.2	2.4							2.1
3/15/2018			3.8	1.7	1.6			1.9	
3/16/2018						3.2	2.1		
10/4/2018	1.4	2.5	3.4	6.1	1.8	3.2	2.2	2	2.3
12/11/2018									2.3
1/11/2019									2.8
4/5/2019			4.2						
4/8/2019	1.1	2.6		3.6	1.3		2.1	1.9	3.2
4/9/2019						3.3			
9/30/2019	1.4	3	4.1	7.5	1.5				
10/1/2019						2.2	1.6	1.2	1.8
3/26/2020	1.1	2	2.6	5.4	1.4				
3/27/2020									2.5
3/30/2020								9.2 (O)	
3/31/2020						2	1.5		
6/19/2020								1.4	
9/21/2020		2.1							
9/22/2020					1				
9/23/2020	1.6		2.8	4.2					
9/24/2020								1.4	2.2
9/25/2020						2.3	1.6		
3/8/2021	1.1		2.8	5.6	1.3				
3/9/2021		2.1				2	1.5	1.5	2.2
8/9/2021	1.1	2.4	2.1	3					
8/10/2021					1.2	2.3	1.6	1.6	2.7
2/4/2022	0.99 (J)	2.3	1.1	3.3	1.2	1.9	1.6	1.8	3.2
8/8/2022	1.2	2.5	1.9	2.4	1.3		1.9		
8/9/2022						2.4			2.1
8/10/2022								1.7	
1/30/2023	1.1	2.2	1.2	3.4	1.2				
1/31/2023						2.1	1.7	1.7	1.6
8/14/2023	0.99 (J)	2.2	1.3	2.5	1		1.6		

Time Series

Constituent: Chloride (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)	GWC-5	GWC-6	GWC-7	GWC-8
8/15/2023						2.1		1.7	1.6
2/19/2024	1.2	2.3	1.2	3.6	1.2				
2/20/2024						2.2			
2/21/2024							1.7	1.9	2
8/10/2024		2.6							
8/11/2024	1.1		1.5	3.6	1.3			2	1.7
8/12/2024						2.3	1.8		
2/11/2025	1.3	2.7	1.3	2	1.3	2.7			
2/12/2025							1.5	1.9	2.1

Time Series

Constituent: Chloride (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23
3/23/2016	0.9561	1.3507			1.4238		1.2595	1.5409
3/24/2016			1.1313	1.6497		2.461		
5/17/2016		1.28						
5/18/2016				1.74	1.57	2.61	1.25	
5/19/2016	0.972		1.13					1.23
7/6/2016	1.3	1.5		2.1				
7/7/2016			1.5		1.7	2.8	1.7	1.7
9/7/2016		1.5						
9/8/2016	1		1.4	1.9	1.5	2.3	1.5	1.6
10/18/2016		1.4		2.1				
10/19/2016	1.1		1.4		1.7	2.4	1.6	1.6
12/6/2016		1.3						
12/7/2016				2	1.8	2.2	1.5	1.7
12/8/2016	1.3		1.4					
2/2/2017	1.6	1.8	1.6	2.3		3.4	1.8	
2/3/2017					2			1.9
3/27/2017	1.4	1.7	1.5	2.1	1.8	2.7	1.5	1.7
10/5/2017	1.1	1.5	1.4	1.9	5.5 (o)	3.3	1.6	1.4
12/14/2017					1.5			
3/15/2018	1.3	2		1.9		3.6	1.7	1.6
3/16/2018			1.5		1.9			
5/15/2018		1.4				3.2		
10/4/2018		2.1		2		2.4	1.7	
10/5/2018	1.6		1.5		2.2			1.6
12/11/2018		1.9			1.8			
4/8/2019	1							1.5
4/9/2019		1.9	1.6	1.9	1.8	2.6	1.7	
10/1/2019	0.91 (J)	1.5	0.94 (J)	1.3	1.1	2	1.4	1.1
3/26/2020								0.63 (J)
3/27/2020	0.74 (J)	1.2						
3/30/2020			1					
3/31/2020				1.3	1.1	1.5	1	
9/23/2020					1.1		1.1	1.1
9/24/2020	0.82 (J)		0.94 (J)			1.8		
9/25/2020		1.1						
9/28/2020				1.3				
3/9/2021	0.74 (J)	1.1	0.97 (J)			1.8	1	0.85 (J)
3/10/2021				1.3	1.2			
8/10/2021	0.85 (J)	1.2	0.93 (J)	1.2	1.2	2	1.1	1
2/4/2022	0.78 (J)	1.3	0.88 (J)					
2/7/2022				1.1	1.2	2.7	1	0.7 (J)
8/8/2022								1.3
8/9/2022	1	1.3	1.1	1.6	0.93 (J)	4	0.81 (J)	
1/30/2023		1.3						
1/31/2023	0.72 (J)		0.8 (J)	1.2	1.1	1.5	1	<1
8/14/2023		1						1.1
8/15/2023	0.65 (J)		0.85 (J)	1.1	1.1	5.3	0.95 (J)	
2/19/2024		1.2						
2/20/2024	0.89 (J)		1	1.3	1.3	5	1.3	0.98 (J)
8/11/2024	0.75 (J)	0.95 (J)			1.1	10	1	
8/12/2024			1.1	1.3				1.2
12/3/2024						5.4		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chloride (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23
2/11/2025	1	1.3		1.4	1.5	5.5	1.4	
2/12/2025			0.8 (J)					1

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)	GWC-5	GWC-6	GWC-7	GWC-8
3/6/2007	<0.005	<0.005	<0.005	<0.005					
3/7/2007					<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	0.11 (O)	<0.005
7/6/2007						<0.005		0.0029	<0.005
7/7/2007	<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	0.0013	<0.005	<0.005	0.0038	<0.005
11/6/2007	<0.005	<0.005	0.0014	<0.005		<0.005	<0.005	<0.005	0.0035
11/7/2007					0.0024				
3/31/2008								0.0027	0.033
5/8/2008			<0.005	<0.005		<0.005	<0.005	<0.005	<0.005
5/9/2008	<0.005	<0.005			<0.005				
12/2/2008					<0.005			<0.005	<0.005
12/3/2008	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005		
4/7/2009	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005		
4/8/2009					<0.005			<0.005	<0.005
9/30/2009									<0.005
10/1/2009	<0.005	<0.005			<0.005	<0.005	<0.005	0.0016	
10/2/2009			<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			
10/6/2010							<0.005		
10/7/2010		<0.005						<0.005	
10/13/2010	<0.005				<0.005				<0.005
10/14/2010			<0.005	<0.005		<0.005			
4/5/2011			<0.005	<0.005		<0.005	<0.005	<0.005	<0.005
4/6/2011	<0.005	<0.005			<0.005				
10/4/2011					<0.005		<0.005	0.0018	<0.005
10/6/2011		<0.005							
10/10/2011	<0.005								
10/12/2011			<0.005	<0.005		<0.005			
4/3/2012	<0.005	<0.005					<0.005	<0.005	<0.005
4/4/2012			<0.005	<0.005		<0.005			
4/10/2012					<0.005				
9/18/2012							<0.005	<0.005	
9/19/2012		<0.005							<0.005
9/24/2012	<0.005			<0.005		<0.005			
9/26/2012			<0.005		<0.005				
3/12/2013	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
9/9/2013		<0.005					<0.005		
9/10/2013			<0.005	<0.005	<0.005	<0.005		<0.005	0.0017
9/11/2013	<0.005								
3/4/2014	0.00032 (J)	<0.005			<0.005				
3/5/2014						<0.005	<0.005	<0.005	<0.005
3/11/2014			<0.005	<0.005					
9/3/2014	<0.005	<0.005			<0.005				
9/8/2014			<0.005	<0.005			<0.005	<0.005	
9/9/2014						<0.005			<0.005
4/21/2015	<0.005		<0.005	<0.005	<0.005	<0.005		<0.005	
4/22/2015		<0.005					<0.005		<0.005
9/29/2015			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)	GWC-5	GWC-6	GWC-7	GWC-8
9/30/2015	<0.005	<0.005							
3/22/2016	<0.005	<0.005	<0.005	<0.005	<0.005				
3/23/2016						<0.005	<0.005	<0.005	<0.005
5/17/2016	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		
5/18/2016								<0.005	<0.005
7/5/2016	<0.005	<0.005	<0.005						
7/6/2016				<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
9/7/2016	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
9/8/2016									<0.005
10/18/2016	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
12/6/2016	<0.005		<0.005	<0.005	0.0018 (J)				
12/7/2016		<0.005							
12/8/2016						<0.005	<0.005	<0.005	<0.005
1/31/2017	<0.005	<0.005							
2/1/2017			<0.005	<0.005	<0.005	<0.005	<0.005		
2/2/2017								<0.005	<0.005
3/23/2017	<0.005	<0.005	<0.005			<0.005	<0.005		
3/24/2017				0.0004 (J)	<0.005			0.0011 (J)	<0.005
10/4/2017	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	
10/5/2017					<0.005				0.0005 (J)
3/14/2018	0.016	<0.005							<0.005
3/15/2018			<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	<0.005	<0.005
4/5/2019			<0.005						
4/8/2019	<0.005	<0.005		<0.005	<0.005		<0.005	<0.005	<0.005
4/9/2019						<0.005			
9/30/2019	<0.005	<0.005	<0.005	<0.005	<0.005				
10/1/2019						0.0012 (J)	<0.005	<0.005	0.0005 (J)
3/26/2020	<0.005	0.00043 (J)	0.00062 (J)	0.0013 (J)	<0.005				
3/27/2020									<0.005
3/30/2020								0.00041 (J)	
3/31/2020						<0.005	0.00085 (J)		
9/21/2020		<0.005							
9/22/2020					<0.005				
9/23/2020	<0.005		<0.005	<0.005					
9/24/2020								<0.005	<0.005
9/25/2020						<0.005	<0.005		
3/8/2021	<0.005		<0.005	<0.005	<0.005				
3/9/2021		<0.005				<0.005	<0.005	<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	<0.005	<0.005
8/8/2022	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005		
8/9/2022						<0.005			<0.005
8/10/2022								<0.005	
1/30/2023	<0.005	<0.005	<0.005	<0.005	<0.005				
1/31/2023						<0.005	<0.005	<0.005	<0.005
8/14/2023	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005		
8/15/2023						<0.005		<0.005	<0.005
2/19/2024	<0.005	<0.005	<0.005	<0.005	<0.005				
2/20/2024						<0.005			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)	GWC-5	GWC-6	GWC-7	GWC-8
2/21/2024							<0.005	<0.005	<0.005
8/10/2024		<0.005							
8/11/2024	<0.005		<0.005	<0.005	<0.005			<0.005	<0.005
8/12/2024						<0.005	<0.005		
2/11/2025	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
2/12/2025							<0.005	<0.005	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23
3/6/2007				<0.005		<0.005	<0.005	<0.005
3/7/2007	<0.005	<0.005	<0.005		<0.005			
5/8/2007	0.0013	<0.005						
5/9/2007			<0.005	<0.005	<0.005	<0.005	0.002	0.0013
7/6/2007	<0.005							
7/17/2007		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
8/28/2007	0.0014	<0.005	<0.005	<0.005				
8/29/2007					0.0016	<0.005	<0.005	<0.005
11/6/2007	0.0024							
11/7/2007		<0.005	<0.005	<0.005	0.0016	<0.005	0.0013	<0.005
3/31/2008						<0.005		<0.005
5/7/2008			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
5/8/2008	<0.005							
5/9/2008		<0.005						
12/2/2008	<0.005	<0.005						
12/3/2008			<0.005					
12/4/2008				<0.005				
12/5/2008					<0.005	<0.005	<0.005	<0.005
4/8/2009	<0.005	<0.005						
4/14/2009			<0.005	<0.005	<0.005		<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
10/2/2009				<0.005				
4/13/2010	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	
4/14/2010		<0.005						<0.005
10/12/2010			<0.005	<0.005	<0.005	<0.005	<0.005	
10/13/2010	<0.005	<0.005						<0.005
4/5/2011	<0.005							
4/6/2011		<0.005	<0.005	<0.005			<0.005	<0.005
10/4/2011	<0.005	<0.005						
10/5/2011						<0.005	<0.005	
10/12/2011			<0.005	<0.005	<0.005			<0.005
4/4/2012	<0.005							
4/5/2012			<0.005	<0.005				
4/9/2012					<0.005		<0.005	<0.005
4/10/2012		<0.005				<0.005		
9/19/2012	<0.005		<0.005					<0.005
9/25/2012				<0.005	<0.005		<0.005	
9/26/2012		<0.005				<0.005		
3/12/2013	<0.005	<0.005						
3/13/2013			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
9/10/2013	<0.005	<0.005	<0.005					<0.005
9/11/2013				<0.005	<0.005	<0.005	<0.005	
3/4/2014		<0.005						
3/5/2014	<0.005							
3/10/2014			<0.005	<0.005	<0.005			
3/11/2014						<0.005	<0.005	<0.005
9/3/2014	<0.005	<0.005	<0.005					<0.005
9/9/2014				<0.005	<0.005	0.0015	<0.005	
4/21/2015	<0.005	<0.005						
4/22/2015			<0.005	<0.005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23
4/23/2015					<0.005		<0.005	<0.005
9/29/2015	<0.005							
9/30/2015		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
3/23/2016	<0.005	<0.005			<0.005		<0.005	<0.005
3/24/2016			<0.005	<0.005		<0.005		
5/17/2016		0.00424 (J)						
5/18/2016	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	
5/19/2016								<0.005
7/6/2016	<0.005	<0.005		<0.005				
7/7/2016			<0.005		<0.005	<0.005	<0.005	<0.005
9/7/2016		<0.005						
9/8/2016	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
10/18/2016		<0.005		<0.005				
10/19/2016	<0.005		<0.005		0.0064 (J)	<0.005	<0.005	<0.005
12/6/2016		0.0013 (J)						
12/7/2016				<0.005	<0.005	<0.005	<0.005	<0.005
12/8/2016	<0.005		<0.005					
2/2/2017	<0.005	0.001 (J)	<0.005	<0.005		<0.005	<0.005	
2/3/2017					<0.005			<0.005
3/27/2017	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
10/5/2017	<0.005	<0.005	<0.005	0.0012 (J)	<0.005	<0.005	<0.005	<0.005
3/15/2018	<0.005	<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	
10/5/2018	<0.005		<0.005		<0.005			<0.005
4/8/2019	<0.005							<0.005
4/9/2019		<0.005	<0.005	<0.005	<0.005	<0.005	0.0023 (J)	
10/1/2019	<0.005	<0.005	0.00086 (J)	<0.005	<0.005	<0.005	<0.005	0.0051 (J)
3/26/2020								<0.005
3/27/2020	<0.005	<0.005						
3/30/2020			0.00071 (J)					
3/31/2020				0.00042 (J)	<0.005	0.00093 (J)	0.0015 (J)	
9/23/2020					<0.005		<0.005	<0.005
9/24/2020	<0.005		<0.005			<0.005		
9/25/2020		<0.005						
9/28/2020				0.00063 (J)				
3/9/2021	<0.005	<0.005	<0.005			<0.005	<0.005	<0.005
3/10/2021				<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					
2/7/2022				<0.005	<0.005	<0.005	<0.005	<0.005
8/8/2022								<0.005
8/9/2022	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
1/30/2023		<0.005						
1/31/2023	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
8/14/2023		0.0015 (J)						<0.005
8/15/2023	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	
2/19/2024		<0.005						
2/20/2024	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
8/11/2024	<0.005	<0.005			<0.005	<0.005	<0.005	
8/12/2024			<0.005	<0.005				<0.005
2/11/2025	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23
2/12/2025			<0.005					<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)	GWC-5	GWC-6	GWC-7	GWC-8
3/6/2007	<0.005	<0.005	<0.005	<0.005					
3/7/2007					<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	6.5 (O)	<0.005
7/6/2007						<0.005		2.1 (O)	<0.005
7/7/2007	<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	<0.005	<0.005	1.4 (O)	<0.005
11/6/2007	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	1.1 (O)	<0.005
11/7/2007					<0.005				
3/31/2008								0.75	0.0079
5/8/2008			<0.005	<0.005		<0.005	<0.005	0.75	<0.005
5/9/2008	<0.005	<0.005			<0.005				
12/2/2008					<0.005			0.41	<0.005
12/3/2008	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005		
4/7/2009	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005		
4/8/2009					<0.005			0.38	<0.005
9/30/2009									<0.005
10/1/2009	<0.005	<0.005			<0.005	<0.005	<0.005	0.29	
10/2/2009			<0.005	<0.005					
4/13/2010		<0.005					<0.005	0.26	<0.005
4/14/2010	<0.005		<0.005	<0.005	<0.005	<0.005			
10/6/2010							<0.005		
10/7/2010		<0.005						0.24	
10/13/2010	<0.005				<0.005				<0.005
10/14/2010			<0.005	0.0025		<0.005			
4/5/2011			<0.005	<0.005		<0.005	<0.005	0.17	<0.005
4/6/2011	<0.005	<0.005			<0.005				
10/4/2011					<0.005		<0.005	0.19	<0.005
10/6/2011		<0.005							
10/10/2011	<0.005								
10/12/2011			<0.005	<0.005		<0.005			
4/3/2012	<0.005	<0.005					<0.005	0.114	<0.005
4/4/2012			<0.005	<0.005		<0.005			
4/10/2012					<0.005				
9/18/2012							<0.005	0.14	
9/19/2012		<0.005							<0.005
9/24/2012	<0.005			0.0016		<0.005			
9/26/2012			<0.005		<0.005				
3/12/2013	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.041	<0.005
9/9/2013		<0.005					<0.005		
9/10/2013			<0.005	0.002	<0.005	<0.005		0.06	<0.005
9/11/2013	<0.005								
3/4/2014	0.00043 (J)	<0.005			0.00047 (J)				
3/5/2014						<0.005	<0.005	0.049	<0.005
3/11/2014			<0.005	<0.005					
9/3/2014	0.00076 (J)	<0.005			0.00065 (J)				
9/8/2014			<0.005	0.001 (J)			<0.005	0.068	
9/9/2014						<0.005			<0.005
4/21/2015	0.00051 (J)		<0.005	<0.005	0.00062 (J)	<0.005		0.043	
4/22/2015		<0.005					<0.005		<0.005
9/29/2015			<0.005	0.0025 (J)	0.0009 (J)	<0.005	<0.005	0.0525	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)	GWC-5	GWC-6	GWC-7	GWC-8
9/30/2015	0.0006 (J)	<0.005							
3/22/2016	<0.005	<0.005	<0.005	<0.005	<0.005				
3/23/2016						<0.005	<0.005	0.0172	<0.005
5/17/2016	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		
5/18/2016								0.021	<0.005
7/5/2016	0.0004 (J)	<0.005	0.0003 (J)						
7/6/2016				0.0004 (J)	0.0009 (J)	<0.005	<0.005	0.0278	<0.005
9/7/2016	<0.005	<0.005	<0.005	0.0008 (J)	0.0011 (J)	<0.005	<0.005	0.0334	
9/8/2016									<0.005
10/18/2016	<0.005	<0.005	<0.005	<0.005	0.0011 (J)	<0.005	<0.005	0.0368	<0.005
12/6/2016	0.0006 (J)		0.0007 (J)	0.0026 (J)	0.0011 (J)				
12/7/2016		<0.005							
12/8/2016						<0.005	<0.005	0.0419	<0.005
1/31/2017	0.0006 (J)	<0.005							
2/1/2017			<0.005	0.0013 (J)	0.0011 (J)	<0.005	<0.005		
2/2/2017								0.0113	<0.005
3/23/2017	0.0007 (J)	<0.005	<0.005			0.0007 (J)	<0.005		
3/24/2017				0.0014 (J)	0.0008 (J)			0.0094 (J)	<0.005
10/4/2017	0.0006 (J)	<0.005	<0.005	0.0012 (J)		<0.005	<0.005	0.0237	
10/5/2017					0.0008 (J)				0.0003 (J)
3/14/2018	<0.005	<0.005							<0.005
3/15/2018			<0.005	<0.005	<0.005			0.014	
3/16/2018						<0.005	<0.005		
10/4/2018	0.00058 (J)	<0.005	<0.005	<0.005	0.00072 (J)	<0.005	<0.005	0.024	<0.005
4/5/2019			0.00031 (J)						
4/8/2019	0.00026 (J)	6.1E-05 (J)		0.00044 (J)	0.00076 (J)		0.00022 (J)	0.0086 (J)	0.0017 (J)
4/9/2019						<0.005			
9/30/2019	0.00042 (J)	<0.005	<0.005	0.00079 (J)	0.00054 (J)				
10/1/2019						<0.005	<0.005	0.017	0.00081 (J)
3/26/2020	0.00049 (J)	<0.005	<0.005	0.00082 (J)	0.00063 (J)				
3/27/2020									0.0016 (J)
3/30/2020								0.012	
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					
9/24/2020								0.01	0.0011 (J)
9/25/2020						0.00057 (J)	<0.005		
3/8/2021	0.0005 (J)		<0.005	0.00061 (J)	0.00049 (J)				
3/9/2021		<0.005				0.00043 (J)	<0.005	0.0093	0.0013 (J)
8/9/2021	<0.005	<0.005	0.00042 (J)	<0.005					
8/10/2021					0.00047 (J)	0.00098 (J)	<0.005	0.013	0.004 (J)
2/4/2022	0.00057 (J)	<0.005	0.00052 (J)	<0.005	0.00051 (J)	<0.005	<0.005	0.0092	0.0019 (J)
8/8/2022	0.00045 (J)	<0.005	0.0013 (J)	<0.005	0.00058 (J)		<0.005		
8/9/2022						0.00061 (J)			0.0013 (J)
8/10/2022								0.013	
1/30/2023	0.0005 (J)	<0.005	<0.005	<0.005	0.00043 (J)				
1/31/2023						<0.005	<0.005	0.031	0.00055 (J)
8/14/2023	0.00043 (J)	<0.005	0.00095 (J)	<0.005	0.00045 (J)		<0.005		
8/15/2023						0.00046 (J)		0.021	0.00077 (J)
2/19/2024	0.0005 (J)	<0.005	0.00049 (J)	<0.005	0.00063 (J)				
2/20/2024						0.00035 (J)			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)	GWC-5	GWC-6	GWC-7	GWC-8
2/21/2024							<0.005	0.03	0.00053 (J)
8/10/2024		<0.005							
8/11/2024	0.00043 (J)		0.00035 (J)	<0.005	0.00056 (J)			0.016	0.00054 (J)
8/12/2024						0.00072 (J)	<0.005		
2/11/2025	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
2/12/2025							<0.005	0.03	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23
3/6/2007				<0.005		<0.01	<0.005	<0.005
3/7/2007	<0.005	<0.005	<0.005		<0.005			
5/8/2007	<0.005	<0.005						
5/9/2007			<0.005	<0.005	<0.005	<0.01	<0.005	<0.005
7/6/2007	<0.005							
7/17/2007		<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005
8/28/2007	<0.005	<0.005	<0.005	<0.005				
8/29/2007					<0.005	<0.01	<0.005	<0.005
11/6/2007	<0.005							
11/7/2007		<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005
3/31/2008						<0.01		<0.005
5/7/2008			<0.005	<0.005	<0.005	<0.01	<0.005	<0.005
5/8/2008	<0.005							
5/9/2008		<0.005						
12/2/2008	<0.005	<0.005						
12/3/2008			<0.005					
12/4/2008				<0.005				
12/5/2008					<0.005	<0.01	<0.005	<0.005
4/8/2009	<0.005	<0.005						
4/14/2009			<0.005	<0.005	<0.005		<0.005	<0.005
4/27/2009						<0.01		
9/30/2009	<0.005				<0.005	<0.01	<0.005	
10/1/2009		<0.005	<0.005					<0.005
10/2/2009				<0.005				
4/13/2010	<0.005		<0.005	<0.005	<0.005	<0.01	<0.005	
4/14/2010		<0.005						<0.005
10/12/2010			<0.005	<0.005	<0.005	<0.01	<0.005	
10/13/2010	<0.005	<0.005						<0.005
4/5/2011	<0.005							
4/6/2011		<0.005	<0.005	<0.005			<0.005	<0.005
10/4/2011	<0.005	<0.005						
10/5/2011						<0.01	<0.005	
10/12/2011			<0.005	<0.005	<0.005			<0.005
4/4/2012	<0.005							
4/5/2012			<0.005	<0.005				
4/9/2012					<0.005		<0.005	<0.005
4/10/2012		<0.005				<0.01		
9/19/2012	<0.005		<0.005					<0.005
9/25/2012				<0.005	<0.005		<0.005	
9/26/2012		<0.005				0.0033		
3/12/2013	<0.005	<0.005						
3/13/2013			<0.005	<0.005	<0.005	<0.01	<0.005	<0.005
9/10/2013	<0.005	<0.005	<0.005					<0.005
9/11/2013				<0.005	<0.005	0.0018	<0.005	
3/4/2014		<0.005						
3/5/2014	<0.005							
3/10/2014			<0.005	<0.005	<0.005			
3/11/2014						0.00029 (J)	<0.005	<0.005
9/3/2014	<0.005	<0.005	<0.005					<0.005
9/9/2014				<0.005	<0.005	0.0011 (J)	<0.005	
4/21/2015	<0.005	<0.005						
4/22/2015			<0.005	<0.005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23
4/23/2015					<0.005		<0.005	<0.005
9/29/2015	<0.005							
9/30/2015		<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005
3/23/2016	<0.005	<0.005			<0.005		<0.005	<0.005
3/24/2016			<0.005	<0.005		<0.01		
5/17/2016		<0.005						
5/18/2016	<0.005		<0.005	<0.005	<0.005	<0.01	<0.005	
5/19/2016								<0.005
7/6/2016	0.0004 (J)	<0.005		<0.005				
7/7/2016			<0.005		<0.005	0.0016 (J)	<0.005	<0.005
9/7/2016		<0.005						
9/8/2016	<0.005		<0.005	<0.005	<0.005	0.0006 (J)	<0.005	<0.005
10/18/2016		<0.005		<0.005				
10/19/2016	<0.005		<0.005		<0.005	0.0006 (J)	<0.005	<0.005
12/6/2016		<0.005						
12/7/2016				<0.005	<0.005	0.0006 (J)	<0.005	<0.005
12/8/2016	<0.005		<0.005					
2/2/2017	<0.005	<0.005	<0.005	<0.005		<0.01	<0.005	
2/3/2017					<0.005			<0.005
3/27/2017	<0.005	<0.005	<0.005	<0.005	<0.005	0.001 (J)	<0.005	<0.005
10/5/2017	0.0004 (J)	<0.005	<0.005	<0.005	<0.005	0.0051 (J)	<0.005	<0.005
3/15/2018	<0.005	<0.005		<0.005		<0.01	<0.005	<0.005
3/16/2018			<0.005		<0.005			
10/4/2018		<0.005		<0.005		0.0065 (J)	<0.005	
10/5/2018	<0.005		<0.005		<0.005			0.00058 (J)
4/8/2019	0.00041 (J)							0.00046 (J)
4/9/2019		<0.005	<0.005	<0.005	<0.005	0.0023 (J)	<0.005	
10/1/2019	0.00041 (J)	<0.005	<0.005	<0.005	<0.005	0.00046 (J)	<0.005	0.00033 (J)
3/26/2020								0.00035 (J)
3/27/2020	0.00063 (J)	0.00082 (J)						
3/30/2020			<0.005					
3/31/2020				<0.005	<0.005	0.0019 (J)	<0.005	
9/23/2020					<0.005		<0.005	<0.005
9/24/2020	<0.005		<0.005			0.00068 (J)		
9/25/2020		<0.005						
9/28/2020				<0.005				
3/9/2021	0.00042 (J)	<0.005	<0.005			0.00049 (J)	<0.005	<0.005
3/10/2021				<0.005	<0.005			
8/10/2021	<0.005	<0.005	<0.005	<0.005	<0.005	0.0041 (J)	<0.005	<0.005
2/4/2022	<0.005	<0.005	<0.005					
2/7/2022				<0.005	<0.005	0.0028 (J)	<0.005	<0.005
8/8/2022								<0.005
8/9/2022	<0.005	<0.005	<0.005	<0.005	<0.005	0.0027 (J)	<0.005	
1/30/2023		<0.005						
1/31/2023	<0.005		<0.005	<0.005	<0.005	0.002 (J)	<0.005	<0.005
8/14/2023		<0.005						<0.005
8/15/2023	<0.005		<0.005	<0.005	<0.005	0.0032 (J)	<0.005	
2/19/2024		<0.005						
2/20/2024	0.00033 (J)		<0.005	<0.005	<0.005	0.0029 (J)	<0.005	<0.005
8/11/2024	0.00033 (J)	<0.005			<0.005	0.0022 (J)	<0.005	
8/12/2024			<0.005	<0.005				<0.005
2/11/2025	<0.005	<0.005		<0.005	<0.005	0.0026 (J)	<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23
2/12/2025			<0.005					<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)	GWC-5	GWC-6	GWC-7	GWC-8
3/6/2007	<0.005	<0.005	<0.005	<0.005					
3/7/2007					<0.005	0.0027	<0.005		
5/8/2007	<0.005	<0.005	<0.005	<0.005	<0.005	0.0026			
5/9/2007							<0.005	0.44 (O)	<0.005
7/6/2007						<0.005		0.016	<0.005
7/7/2007	<0.005	<0.005							
7/17/2007			0.0028	<0.005	<0.005		<0.005		
8/28/2007	<0.005	0.0032	0.0039	0.0061	0.0032	0.0036	<0.005	0.0091	<0.005
11/6/2007	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005
11/7/2007					0.0036				
3/31/2008								<0.005	0.015
5/8/2008			<0.005	<0.005		<0.005	<0.005	<0.005	<0.005
5/9/2008	<0.005	<0.005			<0.005				
12/2/2008					<0.005			0.003	<0.005
12/3/2008	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005		
4/7/2009	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005		
4/8/2009					<0.005			<0.005	<0.005
9/30/2009									<0.005
10/1/2009	<0.005	<0.005			<0.005	<0.005	<0.005	<0.005	
10/2/2009			<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			
10/6/2010							<0.005		
10/7/2010		<0.005						<0.005	
10/13/2010	<0.005				<0.005				<0.005
10/14/2010			<0.005	0.0066		<0.005			
4/5/2011			<0.005	<0.005		<0.005	<0.005	<0.005	<0.005
4/6/2011	<0.005	<0.005			<0.005				
10/4/2011					<0.005		<0.005	<0.005	<0.005
10/6/2011		<0.005							
10/10/2011	<0.005								
10/12/2011			<0.005	<0.005		<0.005			
4/3/2012	<0.005	<0.005					<0.005	<0.005	<0.005
4/4/2012			<0.005	<0.005		<0.005			
4/10/2012					<0.005				
9/18/2012							<0.005	<0.005	
9/19/2012		<0.005							<0.005
9/24/2012	<0.005			<0.005		<0.005			
9/26/2012			<0.005		<0.005				
3/12/2013	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
9/9/2013		<0.005					<0.005		
9/10/2013			<0.005	<0.005	<0.005	<0.005		<0.005	<0.005
9/11/2013	<0.005								
3/4/2014	<0.005	<0.005			<0.005				
3/5/2014						<0.005	<0.005	<0.005	<0.005
3/11/2014			<0.005	<0.005					
9/3/2014	<0.005	0.0011 (J)			<0.005				
9/8/2014			<0.005	<0.005			<0.005	<0.005	
9/9/2014						<0.005			<0.005
4/21/2015	<0.005		<0.005	<0.005	<0.005	<0.005		0.00082 (J)	
4/22/2015		<0.005					<0.005		<0.005
9/29/2015			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)	GWC-5	GWC-6	GWC-7	GWC-8
9/30/2015	<0.005	<0.005							
3/22/2016	<0.005	<0.005	<0.005	<0.005	<0.005				
3/23/2016						<0.005	<0.005	<0.005	<0.005
9/7/2016	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
9/8/2016									<0.005
3/23/2017	<0.005	<0.005	<0.005			<0.005	<0.005		
3/24/2017				<0.005	<0.005			0.0007 (J)	<0.005
10/4/2017	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	
10/5/2017					<0.005				<0.005
3/14/2018	<0.005	<0.005							<0.005
3/15/2018			<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	<0.005	<0.005
4/5/2019			<0.005						
4/8/2019	<0.005	0.00029 (J)		<0.005	0.0013 (J)		<0.005	0.00025 (J)	<0.005
4/9/2019						<0.005			
9/30/2019	<0.005	<0.005	<0.005	<0.005	<0.005				
10/1/2019						0.00031 (J)	0.00023 (J)	0.00034 (J)	0.00036 (J)
3/26/2020	<0.005	<0.005	0.00022 (J)	<0.005	<0.005				
3/27/2020									<0.005
3/30/2020								<0.005	
3/31/2020						0.00019 (J)	<0.005		
9/21/2020		<0.005							
9/22/2020					<0.005				
9/23/2020	<0.005		<0.005	<0.005					
9/24/2020								<0.005	<0.005
9/25/2020						<0.005	<0.005		
3/8/2021	<0.005		<0.005	<0.005	<0.005				
3/9/2021		<0.005				<0.005	<0.005	<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	<0.005	<0.005
8/8/2022	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005		
8/9/2022						<0.005			<0.005
8/10/2022								<0.005	
1/30/2023	<0.005	<0.005	<0.005	<0.005	<0.005				
1/31/2023						<0.005	<0.005	<0.005	<0.005
8/14/2023	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005		
8/15/2023						<0.005		<0.005	<0.005
2/19/2024	<0.005	<0.005	<0.005	<0.005	<0.005				
2/20/2024						<0.005			
2/21/2024							<0.005	<0.005	<0.005
8/10/2024		<0.005							
8/11/2024	<0.005		<0.005	<0.005	<0.005			<0.005	<0.005
8/12/2024						<0.005	<0.005		
2/11/2025	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
2/12/2025							<0.005	<0.005	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23
3/6/2007				<0.005		<0.005	<0.005	<0.005
3/7/2007	0.0043	0.0025	<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							
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				
8/29/2007					<0.005	<0.005	<0.005	<0.005
11/6/2007	<0.005							
11/7/2007		<0.005	0.0029	0.0035	0.0028	0.0029	0.0033	0.0084
3/31/2008						<0.005		<0.005
5/7/2008			<0.005	<0.005	<0.005	0.0026	<0.005	<0.005
5/8/2008	<0.005							
5/9/2008		<0.005						
12/2/2008	<0.005	<0.005						
12/3/2008			<0.005					
12/4/2008				<0.005				
12/5/2008					<0.005	<0.005	<0.005	<0.005
4/8/2009	<0.005	<0.005						
4/14/2009			<0.005	<0.005	<0.005		<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
10/2/2009				<0.005				
4/13/2010	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	
4/14/2010		<0.005						<0.005
10/12/2010			<0.005	<0.005	<0.005	<0.005	<0.005	
10/13/2010	<0.005	<0.005						<0.005
4/5/2011	<0.005							
4/6/2011		<0.005	<0.005	<0.005			<0.005	<0.005
10/4/2011	<0.005	<0.005						
10/5/2011						<0.005	<0.005	
10/12/2011		<0.005	<0.005	<0.005	<0.005			<0.005
4/4/2012	<0.005							
4/5/2012			<0.005	<0.005				
4/9/2012					<0.005		<0.005	<0.005
4/10/2012		<0.005				<0.005		
9/19/2012	<0.005		<0.005					<0.005
9/25/2012				<0.005	<0.005		<0.005	
9/26/2012		<0.005				<0.005		
3/12/2013	<0.005	<0.005						
3/13/2013			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
9/10/2013	<0.005	<0.005	<0.005					<0.005
9/11/2013				<0.005	<0.005	<0.005	<0.005	
3/4/2014		<0.005						
3/5/2014	<0.005							
3/10/2014			<0.005	<0.005	<0.005			
3/11/2014						<0.005	<0.005	<0.005
9/3/2014	<0.005	<0.005	0.00099 (J)					<0.005
9/9/2014				<0.005	<0.005	0.0013 (J)	<0.005	
4/21/2015	<0.005	<0.005						
4/22/2015			<0.005	<0.005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23
4/23/2015					<0.005		<0.005	<0.005
9/29/2015	<0.005							
9/30/2015		<0.005	<0.005	<0.005	<0.005	0.0008 (J)	<0.005	0.0012 (J)
3/23/2016	<0.005	<0.005			<0.005		<0.005	<0.005
3/24/2016			<0.005	<0.005		<0.005		
9/7/2016		<0.005						
9/8/2016	<0.005		<0.005	<0.005	<0.005	0.0006 (J)	<0.005	<0.005
3/27/2017	<0.005	<0.005	<0.005	0.0004 (J)	<0.005	0.0005 (J)	<0.005	<0.005
10/5/2017	<0.005	<0.005	<0.005	0.0005 (J)	<0.005	<0.005	<0.005	0.0003 (J)
3/15/2018	<0.005	<0.005		<0.005		<0.005	<0.005	0.0016 (J)
3/16/2018			<0.005		<0.005			
10/4/2018		<0.005		<0.005		<0.005	<0.005	
10/5/2018	<0.005		<0.005		<0.005			<0.005
4/8/2019	<0.005							0.0005 (J)
4/9/2019		<0.005	<0.005	0.0014 (J)	<0.005	<0.005	<0.005	
10/1/2019	<0.005	<0.005	0.00037 (J)	0.00019 (J)	0.00023 (J)	0.00084 (J)	0.00031 (J)	0.00083 (J)
3/26/2020								0.00067 (J)
3/27/2020	<0.005	0.00022 (J)						
3/30/2020			<0.005					
3/31/2020				<0.005	<0.005	0.00082 (J)	0.0002 (J)	
9/23/2020					<0.005		<0.005	<0.005
9/24/2020	<0.005		<0.005			<0.005		
9/25/2020		<0.005						
9/28/2020				<0.005				
3/9/2021	<0.005	<0.005	<0.005			<0.005	<0.005	<0.005
3/10/2021				<0.005	<0.005			
8/10/2021	0.0018 (J)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.00078 (J)
2/4/2022	<0.005	<0.005	<0.005					
2/7/2022				<0.005	<0.005	<0.005	<0.005	0.00088 (J)
8/8/2022								<0.005
8/9/2022	<0.005	0.0023 (J)	<0.005	<0.005	<0.005	<0.005	<0.005	
1/30/2023		<0.005						
1/31/2023	<0.005		<0.005	<0.005	<0.005	0.0012 (J)	<0.005	<0.005
8/14/2023		<0.005						<0.005
8/15/2023	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	
2/19/2024		<0.005						
2/20/2024	<0.005		<0.005	<0.005	<0.005	0.00075 (J)	<0.005	<0.005
8/11/2024	<0.005	<0.005			<0.005	<0.005	<0.005	
8/12/2024			<0.005	<0.005				<0.005
2/11/2025	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	
2/12/2025			<0.005					<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)	GWC-5	GWC-6	GWC-7	GWC-8
3/22/2016	0.119 (J)	0.1252 (J)	0.1415 (J)	0.1754 (J)	0.0811 (J)				
3/23/2016						0.0582 (J)	0.0791 (J)	0.2004 (J)	0.1537 (J)
5/17/2016	0.1049 (J)	0.1091 (J)	0.1293 (J)	0.1385 (J)	0.0706 (J)	0.0571 (J)	0.0712 (J)		
5/18/2016								0.1766 (J)	
5/19/2016									0.1414 (J)
7/5/2016	0.1 (J)	0.16 (J)	0.21 (J)						
7/6/2016				0.22 (J)	0.09 (J)	0.29 (J)	0.28 (J)	0.39	0.15 (J)
9/7/2016	0.13 (J)	0.18 (J)	0.21 (J)	0.2 (J)	0.04 (J)	0.08 (J)	0.08 (J)	0.53	
9/8/2016									0.35
10/18/2016	0.15 (J)	0.13 (J)	0.15 (J)	0.16 (J)	0.07 (J)	0.09 (J)	0.07 (J)	0.24 (J)	0.17 (J)
12/6/2016	0.11 (J)		0.19 (J)	0.29 (J)	0.13 (J)				
12/7/2016		0.13 (J)							
12/8/2016						0.06 (J)	0.13 (J)	0.24 (J)	0.15 (J)
1/31/2017	0.02 (J)	0.04 (J)							
2/1/2017			0.35	0.48	<0.1	0.33	0.24 (J)		
2/2/2017								0.3 (J)	0.1 (J)
3/23/2017	0.08 (J)	0.08 (J)	0.39			0.07 (J)	0.04 (J)		
3/24/2017				0.12 (J)	0.01 (J)			0.22 (J)	0.14 (J)
10/4/2017	0.07 (J)	0.11 (J)	0.49	0.2 (J)		<0.1	0.03 (J)	0.19 (J)	
10/5/2017					<0.1				0.15 (J)
3/14/2018	<0.3	<0.3							0.4
3/15/2018			<0.3	0.4	<0.1			0.37	
3/16/2018						<0.1	<0.3		
5/16/2018									0.32
10/4/2018	0.17 (J)	0.25 (J)	0.24 (J)	0.24 (J)	0.15 (J)	0.16 (J)	0.17 (J)	0.19 (J)	0.28 (J)
4/5/2019			0.31						
4/8/2019	0.057 (J)	0.072 (J)		0.12 (J)	0.035 (J)		<0.3	0.17 (J)	0.1 (J)
4/9/2019						0.061 (J)			
9/30/2019	0.11 (J)	0.14 (J)	0.15 (J)	0.17 (J)	0.099 (J)				
10/1/2019						0.064 (J)	0.063 (J)	0.16 (J)	0.13 (J)
3/26/2020	0.082 (J)	0.12 (J)	0.09 (J)	0.089 (J)	0.057 (J)				
3/27/2020									0.12 (J)
3/30/2020								0.16 (J)	
3/31/2020						<0.1	0.053 (J)		
9/21/2020		0.12							
9/22/2020					0.061 (J)				
9/23/2020	0.089 (J)		0.11	0.13					
9/24/2020								0.14	0.15
9/25/2020						0.058 (J)	0.063 (J)		
3/8/2021	0.094 (J)		0.13	0.1	0.11				
3/9/2021		0.099 (J)				0.05 (J)	0.06 (J)	0.17	0.12
8/9/2021	0.083 (J)	0.081 (J)	0.1	0.12					
8/10/2021					0.068 (J)	0.057 (J)	0.057 (J)	0.19	0.13
2/4/2022	0.087 (J)	0.085 (J)	0.084 (J)	0.11	0.068 (J)	<0.1	0.058 (J)	0.14	0.12
8/8/2022	0.11	0.1	0.11	0.12	0.1		0.083 (J)		
8/9/2022						0.077 (J)			0.14
8/10/2022								0.14	
1/30/2023	0.11	0.11	0.12	0.12	0.09 (J)				
1/31/2023						0.074 (J)	0.098 (J)	0.26	0.18
8/14/2023	0.076 (J)	0.08 (J)	0.089 (J)	0.11	0.066 (J)		0.054 (J)		
8/15/2023						0.052 (J)		0.13	0.13
2/19/2024	0.074 (J)	0.079 (J)	0.081 (J)	0.1	<0.1				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)	GWC-5	GWC-6	GWC-7	GWC-8
2/20/2024						<0.1			
2/21/2024							0.051 (J)	0.14	0.11
8/10/2024		0.071 (J)							
8/11/2024	0.12		0.15	0.14	0.1			0.18	0.11
8/12/2024						0.088 (J)	0.095 (J)		
2/11/2025	0.087 (J)	0.075 (J)	0.087 (J)	0.12	0.055 (J)	0.05 (J)			
2/12/2025							0.091 (J)	0.25	0.15

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23
3/23/2016	0.0993 (J)	0.1069 (J)			0.0905 (J)		0.0886 (J)	0.1064 (J)
3/24/2016			0.1459 (J)	0.1652 (J)		0.0445 (J)		
5/17/2016		0.0991 (J)						
5/18/2016				0.1459 (J)	0.0864 (J)	0.0476 (J)	0.0839 (J)	
5/19/2016	0.0936 (J)		0.1408 (J)					0.0928 (J)
7/6/2016	0.09 (J)	0.09 (J)		0.21 (J)				
7/7/2016			0.2 (J)		0.16 (J)	0.12 (J)	0.08 (J)	0.13 (J)
9/7/2016		0.13 (J)						
9/8/2016	0.11 (J)		0.14 (J)	0.15 (J)	0.08 (J)	0.11 (J)	0.11 (J)	0.12 (J)
10/18/2016		0.16 (J)		0.19 (J)				
10/19/2016	0.1 (J)		0.14 (J)		0.09 (J)	0.13 (J)	0.1 (J)	0.1 (J)
12/6/2016		0.12 (J)						
12/7/2016				0.24 (J)	0.11 (J)	0.23 (J)	0.09 (J)	0.1 (J)
12/8/2016	0.11 (J)		0.16 (J)					
2/2/2017	0.05 (J)	0.07 (J)	0.17 (J)	0.1 (J)		0.11 (J)	0.05 (J)	
2/3/2017					0.06 (J)			0.12 (J)
3/27/2017	0.07 (J)	0.05 (J)	0.11 (J)	0.11 (J)	0.04 (J)	0.01 (J)	0.08 (J)	0.14 (J)
10/5/2017	0.06 (J)	0.11 (J)	0.13 (J)	0.13 (J)	0.05 (J)	<0.1	0.08 (J)	0.09 (J)
3/15/2018	<0.3	<0.3		<0.3		<0.1	<0.3	<0.3
3/16/2018			<0.3		<0.3			
10/4/2018		0.16 (J)		0.21 (J)		0.15 (J)	0.14 (J)	
10/5/2018	0.18 (J)		0.21 (J)		0.17 (J)			0.18 (J)
4/8/2019	0.058 (J)							0.057 (J)
4/9/2019		0.067 (J)	0.1 (J)	0.1 (J)	0.056 (J)	0.063 (J)	0.063 (J)	
10/1/2019	0.078 (J)	0.07 (J)	0.11 (J)	0.11 (J)	0.069 (J)	0.094 (J)	0.079 (J)	0.079 (J)
3/26/2020								0.064 (J)
3/27/2020	0.078 (J)	<0.3						
3/30/2020			0.1 (J)					
3/31/2020				0.099 (J)	0.054 (J)	<0.1	0.055 (J)	
9/23/2020					0.065 (J)		0.073 (J)	0.088 (J)
9/24/2020	0.076 (J)		0.11			0.1		
9/25/2020		0.085 (J)						
9/28/2020				0.11				
3/9/2021	0.08 (J)	0.078 (J)	0.11			0.058 (J)	0.067 (J)	0.069 (J)
3/10/2021				0.11	0.068 (J)			
8/10/2021	0.076 (J)	0.078 (J)	0.11	0.11	0.066 (J)	<0.1	0.071 (J)	0.087 (J)
2/4/2022	0.076 (J)	0.07 (J)	0.12					
2/7/2022				0.1	0.058 (J)	<0.1	0.059 (J)	0.082 (J)
8/8/2022								0.1
8/9/2022	0.094 (J)	0.096 (J)	0.13	0.14	0.11	0.079 (J)	0.11	
1/30/2023		0.096 (J)						
1/31/2023	0.11		0.15	0.14	0.094 (J)	0.062 (J)	0.095 (J)	0.11
8/14/2023		0.077 (J)						0.075 (J)
8/15/2023	0.06 (J)		0.1	0.092 (J)	0.055 (J)	<0.1	0.065 (J)	
2/19/2024		0.074 (J)						
2/20/2024	0.069 (J)		0.11	0.1	0.051 (J)	<0.1	0.053 (J)	0.084 (J)
8/11/2024	0.071 (J)	0.067 (J)			0.054 (J)	<0.1	0.061 (J)	
8/12/2024			0.15	0.14				0.12
2/11/2025	0.068 (J)	0.072 (J)		0.099 (J)	0.06 (J)	<0.1	0.064 (J)	
2/12/2025			0.14					0.12

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)	GWC-5	GWC-6	GWC-7	GWC-8
3/6/2007	<0.001	<0.001	<0.001	<0.001					
3/7/2007					<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
7/6/2007						<0.001		<0.001	<0.001
7/7/2007	<0.001	<0.001							
7/17/2007			<0.001	<0.001	<0.001		<0.001		
8/28/2007	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
11/6/2007	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
11/7/2007					<0.001				
3/31/2008								<0.001	<0.001
5/8/2008			<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
5/9/2008	<0.001	<0.001			<0.001				
12/2/2008					<0.001			<0.001	<0.001
12/3/2008	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001		
4/7/2009	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001		
4/8/2009					<0.001			<0.001	<0.001
9/30/2009									<0.001
10/1/2009	<0.001	<0.001			<0.001	<0.001	<0.001	<0.001	
10/2/2009			<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			
10/6/2010							<0.001		
10/7/2010		<0.001						<0.001	
10/13/2010	<0.001				<0.001				<0.001
10/14/2010			<0.001	<0.001		<0.001			
4/5/2011			<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
4/6/2011	<0.001	<0.001			<0.001				
10/4/2011					<0.001		<0.001	<0.001	<0.001
10/6/2011		<0.001							
10/10/2011	<0.001								
10/12/2011			<0.001	<0.001		<0.001			
4/3/2012	<0.001	<0.001					<0.001	<0.001	<0.001
4/4/2012			<0.001	<0.001		<0.001			
4/10/2012					<0.001				
9/18/2012							<0.001	<0.001	
9/19/2012		<0.001							<0.001
9/24/2012	<0.001			<0.001		<0.001			
9/26/2012			<0.001		<0.001				
3/12/2013	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/9/2013		<0.001					<0.001		
9/10/2013			<0.001	<0.001	<0.001	<0.001		<0.001	<0.001
9/11/2013	<0.001								
3/4/2014	<0.001	<0.001			<0.001				
3/5/2014						<0.001	<0.001	0.0016 (J)	<0.001
3/11/2014			<0.001	<0.001					
9/3/2014	<0.001	<0.001			<0.001				
9/8/2014			<0.001	<0.001			<0.001	<0.001	
9/9/2014						<0.001			<0.001
4/21/2015	<0.001		<0.001	<0.001	<0.001	<0.001		<0.001	
4/22/2015		<0.001					<0.001		<0.001
9/29/2015			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)	GWC-5	GWC-6	GWC-7	GWC-8
9/30/2015	<0.001	<0.001							
3/22/2016	<0.001	<0.001	<0.001	<0.001	<0.001				
3/23/2016						<0.001	<0.001	<0.001	<0.001
5/17/2016	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		
5/18/2016								<0.001	<0.001
7/5/2016	<0.001	<0.001	<0.001						
7/6/2016				<0.001	<0.001	<0.001	<0.001	0.0001 (J)	<0.001
9/7/2016	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
9/8/2016									<0.001
10/18/2016	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
12/6/2016	<0.001		<0.001	<0.001	<0.001				
12/7/2016		<0.001							
12/8/2016						<0.001	0.0001 (J)	<0.001	0.0002 (J)
1/31/2017	<0.001	<0.001							
2/1/2017			<0.001	<0.001	<0.001	<0.001	<0.001		
2/2/2017								0.0003 (J)	<0.001
3/23/2017	<0.001	<0.001	<0.001			<0.001	<0.001		
3/24/2017				<0.001	7E-05 (J)			0.0002 (J)	<0.001
10/4/2017	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	7E-05 (J)	
10/5/2017					<0.001				<0.001
3/14/2018	<0.001	<0.001							<0.001
3/15/2018			<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	<0.001	<0.001
4/5/2019			<0.001						
4/8/2019	<0.001	<0.001		<0.001	<0.001		<0.001	<0.001	<0.001
4/9/2019						0.00039 (J)			
9/30/2019	<0.001	<0.001	<0.001	<0.001	<0.001				
10/1/2019						6.5E-05 (J)	<0.001	5E-05 (J)	<0.001
3/26/2020	<0.001	<0.001	4.7E-05 (J)	<0.001	<0.001				
3/27/2020									<0.001
3/30/2020								4.8E-05 (J)	
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					
9/24/2020								6E-05 (J)	4.9E-05 (J)
9/25/2020						<0.001	<0.001		
3/8/2021	<0.001		4E-05 (J)	<0.001	<0.001				
3/9/2021		<0.001				<0.001	<0.001	8.5E-05 (J)	<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	<0.001	<0.001
8/8/2022	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001		
8/9/2022						<0.001			<0.001
8/10/2022								<0.001	
1/30/2023	<0.001	<0.001	<0.001	<0.001	<0.001				
1/31/2023						<0.001	<0.001	<0.001	<0.001
8/14/2023	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001		
8/15/2023						<0.001		<0.001	<0.001
2/19/2024	<0.001	<0.001	<0.001	<0.001	<0.001				
2/20/2024						<0.001			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)	GWC-5	GWC-6	GWC-7	GWC-8
2/21/2024							<0.001	<0.001	<0.001
8/10/2024		<0.001							
8/11/2024	<0.001		<0.001	<0.001	<0.001			<0.001	<0.001
8/12/2024						<0.001	<0.001		
2/11/2025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
2/12/2025							<0.001	<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23
3/6/2007				<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						
5/9/2007			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
7/6/2007	<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				
8/29/2007					<0.001	<0.001	<0.001	<0.001
11/6/2007	<0.001							
11/7/2007		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/31/2008						<0.001		<0.001
5/7/2008			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
5/8/2008	<0.001							
5/9/2008		<0.001						
12/2/2008	<0.001	<0.001						
12/3/2008			<0.001					
12/4/2008				<0.001				
12/5/2008					<0.001	<0.001	<0.001	<0.001
4/8/2009	<0.001	<0.001						
4/14/2009			<0.001	<0.001	<0.001		<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
10/2/2009				<0.001				
4/13/2010	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	
4/14/2010		<0.001						<0.001
10/12/2010			<0.001	<0.001	<0.001	<0.001	<0.001	
10/13/2010	<0.001	<0.001						<0.001
4/5/2011	<0.001							
4/6/2011		<0.001	<0.001	<0.001			<0.001	<0.001
10/4/2011	<0.001	<0.001						
10/5/2011						<0.001	<0.001	
10/12/2011			<0.001	<0.001	<0.001			<0.001
4/4/2012	<0.001							
4/5/2012			<0.001	<0.001				
4/9/2012					<0.001		<0.001	<0.001
4/10/2012		<0.001				<0.001		
9/19/2012	<0.001		<0.001					<0.001
9/25/2012				<0.001	<0.001		<0.001	
9/26/2012		<0.001				<0.001		
3/12/2013	<0.001	<0.001						
3/13/2013			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/10/2013	<0.001	<0.001	<0.001					<0.001
9/11/2013				<0.001	<0.001	<0.001	<0.001	
3/4/2014		<0.001						
3/5/2014	<0.001							
3/10/2014			<0.001	<0.001	<0.001			
3/11/2014						<0.001	<0.001	<0.001
9/3/2014	<0.001	<0.001	<0.001					<0.001
9/9/2014				<0.001	<0.001	<0.001	<0.001	
4/21/2015	<0.001	<0.001						
4/22/2015			<0.001	<0.001				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23
4/23/2015					<0.001		<0.001	<0.001
9/29/2015	<0.001							
9/30/2015		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/23/2016	<0.001	<0.001			<0.001		<0.001	<0.001
3/24/2016			<0.001	<0.001		<0.001		
5/17/2016		<0.001						
5/18/2016	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	
5/19/2016								<0.001
7/6/2016	<0.001	<0.001		<0.001				
7/7/2016			<0.001		<0.001	<0.001	<0.001	<0.001
9/7/2016		<0.001						
9/8/2016	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
10/18/2016		<0.001		<0.001				
10/19/2016	<0.001		<0.001		<0.001	<0.001	<0.001	<0.001
12/6/2016		<0.001						
12/7/2016				<0.001	<0.001	0.0001 (J)	<0.001	<0.001
12/8/2016	<0.001		<0.001					
2/2/2017	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	
2/3/2017					<0.001			<0.001
3/27/2017	<0.001	<0.001	<0.001	<0.001	7E-05 (J)	<0.001	<0.001	<0.001
10/5/2017	<0.001	<0.001	<0.001	0.0002 (J)	<0.001	<0.001	<0.001	<0.001
3/15/2018	<0.001	<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	
10/5/2018	<0.001		<0.001		<0.001			0.00042 (J)
4/8/2019	<0.001							0.00018 (J)
4/9/2019		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
10/1/2019	<0.001	<0.001	<0.001	<0.001	<0.001	7.5E-05 (J)	0.00012 (J)	0.00022 (J)
3/26/2020								0.00016 (J)
3/27/2020	<0.001	5.4E-05 (J)						
3/30/2020			<0.001					
3/31/2020				6.1E-05 (J)	<0.001	<0.001	0.00013 (J)	
9/23/2020					<0.001		6.6E-05 (J)	0.00036 (J)
9/24/2020	<0.001		4E-05 (J)			0.00012 (J)		
9/25/2020		<0.001						
9/28/2020				0.00014 (J)				
3/9/2021	<0.001	<0.001	<0.001			0.00013 (J)	3.8E-05 (J)	0.00011 (J)
3/10/2021				<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					
2/7/2022				<0.001	<0.001	<0.001	<0.001	<0.001
8/8/2022								<0.001
8/9/2022	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
1/30/2023		<0.001						
1/31/2023	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
8/14/2023		<0.001						<0.001
8/15/2023	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	
2/19/2024		<0.001						
2/20/2024	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
8/11/2024	<0.001	<0.001			<0.001	<0.001	<0.001	
8/12/2024			<0.001	<0.001				<0.001
2/11/2025	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23
2/12/2025			<0.001					<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)	GWC-5	GWC-6	GWC-7	GWC-8
3/6/2007	<0.005	<0.005	<0.005	<0.005					
3/7/2007					<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	18 (O)	<0.005
7/6/2007						<0.005		5.9 (O)	<0.005
7/7/2007	<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	<0.005	<0.005	3.9 (O)	<0.005
11/6/2007	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	3.1 (O)	<0.005
11/7/2007					<0.005				
3/31/2008								2.2	0.016
5/8/2008			<0.005	<0.005		<0.005	<0.005	2.1 (O)	<0.005
5/9/2008	<0.005	<0.005			<0.005				
12/2/2008					<0.005			1.2	<0.005
12/3/2008	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005		
4/7/2009	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005		
4/8/2009					<0.005			1.1	<0.005
9/30/2009									<0.005
10/1/2009	<0.005	<0.005			<0.005	<0.005	<0.005	0.88	
10/2/2009			<0.005	<0.005					
4/13/2010		<0.005					<0.005	0.82	<0.005
4/14/2010	<0.005		<0.005	<0.005	<0.005	<0.005			
10/6/2010							<0.005		
10/7/2010		<0.005						0.72	
10/13/2010	<0.005				<0.005				<0.005
10/14/2010			<0.005	<0.005		<0.005			
4/5/2011			<0.005	0.0032		<0.005	<0.005	0.52	<0.005
4/6/2011	<0.005	<0.005			<0.005				
10/4/2011					<0.005		<0.005	0.56	<0.005
10/6/2011		<0.005							
10/10/2011	<0.005								
10/12/2011			<0.005	<0.005		<0.005			
4/3/2012	<0.005	<0.005					<0.005	0.365	<0.005
4/4/2012			<0.005	<0.005		<0.005			
4/10/2012					<0.005				
9/18/2012							<0.005	0.45	
9/19/2012		<0.005							<0.005
9/24/2012	<0.005			0.0032		<0.005			
9/26/2012			<0.005		<0.005				
3/12/2013	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.13	<0.005
9/9/2013		<0.005					<0.005		
9/10/2013			<0.005	<0.005	<0.005	<0.005		0.2	<0.005
9/11/2013	<0.005								
3/4/2014	0.001 (J)	0.0007 (J)			0.002 (J)				
3/5/2014						0.001 (J)	0.00092 (J)	0.17	0.00079 (J)
3/11/2014			0.0013 (J)	0.0026					
9/3/2014	<0.005	<0.005			0.002 (J)				
9/8/2014			<0.005	0.0017 (J)			<0.005	0.25	
9/9/2014						<0.005			<0.005
4/21/2015	<0.005		<0.005	0.0016 (J)	0.002 (J)	<0.005		0.15	
4/22/2015		<0.005					<0.005		<0.005
9/29/2015			<0.005	0.0055	0.0022 (J)	<0.005	<0.005	0.203	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)	GWC-5	GWC-6	GWC-7	GWC-8
9/30/2015	<0.005	<0.005							
3/22/2016	<0.005	<0.005	<0.005	<0.005	<0.005				
3/23/2016						<0.005	<0.005	0.0607	<0.005
9/7/2016	0.0008 (J)	<0.005	<0.005	0.0014 (J)	0.0026 (J)	<0.005	<0.005	0.141	
9/8/2016									<0.005
3/23/2017	0.0007 (J)	<0.005	0.0022 (J)			0.0008 (J)	<0.005		
3/24/2017				0.0017 (J)	0.0024 (J)			0.0313	<0.005
10/4/2017	0.0006 (J)	<0.005	<0.005	0.0023 (J)		<0.005	<0.005	0.093	
10/5/2017					0.0023 (J)				<0.005
3/14/2018	<0.005	<0.005							<0.005
3/15/2018			<0.005	0.0024 (J)	0.0026 (J)			0.057	
3/16/2018						<0.005	<0.005		
10/4/2018	<0.005	<0.005	<0.005	0.0013 (J)	0.0023 (J)	<0.005	<0.005	0.11	<0.005
4/5/2019			0.00075 (J)						
4/8/2019	0.00034 (J)	<0.005		0.00089 (J)	0.0023 (J)		0.00032 (J)	0.03	0.00064 (J)
4/9/2019						0.00098 (J)			
9/30/2019	0.00037 (J)	<0.005	<0.005	0.0013 (J)	0.0017 (J)				
10/1/2019						0.00088 (J)	0.00042 (J)	0.07	0.00063 (J)
3/26/2020	0.00065 (J)	<0.005	0.0011 (J)	0.00096 (J)	0.002 (J)				
3/27/2020									0.00053 (J)
3/30/2020								0.037	
3/31/2020						0.0013 (J)	<0.005		
9/21/2020		<0.005							
9/22/2020					0.0014 (J)				
9/23/2020	<0.005		<0.005	0.00091 (J)					
9/24/2020								0.042	0.001
9/25/2020						0.00078 (J)	<0.005		
3/8/2021	<0.005		<0.005	<0.005	0.001 (J)				
3/9/2021		<0.005				<0.005	<0.005	0.035	<0.005
8/9/2021	<0.005	<0.005	<0.005	0.001 (J)					
8/10/2021					0.0017 (J)	0.00085 (J)	<0.005	0.057	0.0073
9/28/2021									0.0009 (J)
2/4/2022	<0.005	<0.005	0.0009 (J)	0.00087 (J)	0.0019 (J)	<0.005	<0.005	0.039	<0.005
8/8/2022	<0.005	<0.005	0.00092 (J)	<0.005	0.0017 (J)		<0.005		
8/9/2022						<0.005			<0.005
8/10/2022								0.061	
1/30/2023	<0.005	<0.005	0.00082 (J)	<0.005	0.0017 (J)				
1/31/2023						<0.005	<0.005	0.11	<0.005
8/14/2023	<0.005	<0.005	0.0021 (J)	<0.005	0.0016 (J)		<0.005		
8/15/2023						<0.005		0.095	<0.005
2/19/2024	<0.005	<0.005	<0.005	<0.005	0.0022 (J)				
2/20/2024						<0.005			
2/21/2024							<0.005	0.13	<0.005
8/10/2024		<0.005							
8/11/2024	<0.005		<0.005	<0.005	<0.005			0.095	<0.005
8/12/2024						<0.005	<0.005		
2/11/2025	<0.005	<0.005	<0.005	<0.005	0.0022 (J)	<0.005			
2/12/2025							<0.005	0.14	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23
3/6/2007				<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						
5/9/2007			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
7/6/2007	<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				
8/29/2007					<0.005	0.0055	<0.005	<0.005
11/6/2007	<0.005							
11/7/2007		<0.005	<0.005	<0.005	<0.005	0.0044	<0.005	<0.005
3/31/2008						0.0043		<0.005
5/7/2008			<0.005	<0.005	<0.005	0.0047	<0.005	<0.005
5/8/2008	<0.005							
5/9/2008		<0.005						
12/2/2008	<0.005	<0.005						
12/3/2008			<0.005					
12/4/2008				<0.005				
12/5/2008					<0.005	<0.005	<0.005	<0.005
4/8/2009	<0.005	<0.005						
4/14/2009			<0.005	<0.005	<0.005		<0.005	<0.005
4/27/2009						0.0027		
9/30/2009	<0.005				<0.005	0.0051	<0.005	
10/1/2009		<0.005	<0.005					<0.005
10/2/2009				<0.005				
4/13/2010	<0.005		<0.005	<0.005	<0.005	0.0031	<0.005	
4/14/2010		<0.005						<0.005
10/12/2010			<0.005	<0.005	<0.005	<0.005	<0.005	
10/13/2010	<0.005	<0.005						<0.005
4/5/2011	<0.005							
4/6/2011		<0.005	<0.005	<0.005			<0.005	<0.005
10/4/2011	<0.005	<0.005						
10/5/2011						0.0032	<0.005	
10/12/2011			<0.005	<0.005	<0.005			<0.005
4/4/2012	<0.005							
4/5/2012			<0.005	<0.005				
4/9/2012					<0.005		<0.005	<0.005
4/10/2012		<0.005				<0.005		
9/19/2012	<0.005		<0.005					<0.005
9/25/2012				<0.005	<0.005		<0.005	
9/26/2012		<0.005				0.0063		
3/12/2013	<0.005	<0.005						
3/13/2013			<0.005	<0.005	<0.005	0.0029	<0.005	<0.005
9/10/2013	0.003	<0.005	<0.005					<0.005
9/11/2013				<0.005	<0.005	0.0046	<0.005	
3/4/2014		<0.005						
3/5/2014	0.0022 (J)							
3/10/2014			0.0013 (J)	0.00072 (J)	0.00074 (J)			
3/11/2014						0.002 (J)	0.00059 (J)	0.0016 (J)
9/3/2014	<0.005	<0.005	<0.005					<0.005
9/9/2014				<0.005	<0.005	0.0029	<0.005	
4/21/2015	0.0019 (J)	<0.005						
4/22/2015			<0.005	<0.005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23
4/23/2015					<0.005		<0.005	<0.005
9/29/2015	0.0019 (J)							
9/30/2015		<0.005	<0.005	<0.005	<0.005	0.0025 (J)	<0.005	<0.005
3/23/2016	<0.005	<0.005			<0.005		<0.005	<0.005
3/24/2016			<0.005	<0.005		0.00317 (J)		
9/7/2016		<0.005						
9/8/2016	0.0023 (J)		0.0009 (J)	<0.005	<0.005	0.0038 (J)	<0.005	0.0011 (J)
3/27/2017	0.0023 (J)	<0.005	0.0006 (J)	0.0062 (J)	0.0006 (J)	0.0024 (J)	<0.005	0.0007 (J)
10/5/2017	0.0024 (J)	<0.005	0.0008 (J)	0.0005 (J)	<0.005	0.0104	<0.005	<0.005
3/15/2018	0.0023 (J)	<0.005		<0.005		0.0026 (J)	<0.005	0.001 (J)
3/16/2018			<0.005		<0.005			
10/4/2018		<0.005		<0.005		0.012	<0.005	
10/5/2018	0.0025 (J)		<0.005		<0.005			0.0014 (J)
12/11/2018						0.0052 (J)		
4/8/2019	0.0021 (J)							0.0011 (J)
4/9/2019		<0.005	<0.005	<0.005	<0.005	0.0048 (J)	<0.005	
10/1/2019	0.0022 (J)	<0.005	0.0015 (J)	<0.005	<0.005	0.0031 (J)	<0.005	0.0035 (J)
3/26/2020								0.001 (J)
3/27/2020	0.0022 (J)	0.0023 (J)						
3/30/2020			0.00048 (J)					
3/31/2020				<0.005	<0.005	0.0039 (J)	<0.005	
9/23/2020					<0.005		<0.005	0.00079 (J)
9/24/2020	0.0024		0.0011 (JB)			0.0068 (B)		
9/25/2020		<0.005						
9/28/2020				<0.005				
3/9/2021	0.0014 (J)	<0.005	<0.005			0.0013 (J)	<0.005	<0.005
3/10/2021				<0.005	<0.005			
8/10/2021	0.0019 (J)	<0.005	<0.005	<0.005	<0.005	0.0076	<0.005	0.0008 (J)
2/4/2022	0.0018 (J)	<0.005	0.00078 (J)					
2/7/2022				<0.005	<0.005	0.0055	<0.005	0.00084 (J)
8/8/2022								<0.005
8/9/2022	0.0018 (J)	<0.005	0.00074 (J)	<0.005	<0.005	0.0053	<0.005	
1/30/2023		<0.005						
1/31/2023	0.002 (J)		<0.005	<0.005	<0.005	0.005 (J)	<0.005	<0.005
8/14/2023		<0.005						<0.005
8/15/2023	0.0017 (J)		<0.005	<0.005	<0.005	0.0054	<0.005	
2/19/2024		<0.005						
2/20/2024	<0.005		<0.005	<0.005	<0.005	0.0053	<0.005	<0.005
8/11/2024	<0.005	<0.005			<0.005	0.005	<0.005	
8/12/2024			<0.005	<0.005				<0.005
2/11/2025	0.0025 (J)	<0.005		<0.005	<0.005	0.0052	<0.005	
2/12/2025			<0.005					<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: pH, Field (SU) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)	GWC-5	GWC-6	GWC-7	GWC-8
3/22/2016	7.07	7.19	7.11	7.14	7				
3/23/2016						7.1	7.29	6.36	7.46
5/17/2016	7	6.94	6.95	6.67	6.77	6.88	7.1		
5/18/2016								6.21	7.4
5/19/2016									7.67
7/5/2016	6.88	6.98	6.55						
7/6/2016				6.53	6.64	6.75	7	5.88	7.36
9/7/2016	7.24	6.86	6.81	6.72	6.83	6.95	7.07	5.77	
9/8/2016									7.45
10/18/2016	6.86	6.71	6.64	6.73	6.58	6.9	6.81	5.9	7.5
12/6/2016	6.98		6.34	6.61	6.66				
12/7/2016		6.71							
12/8/2016						6.55	6.85	5.73	7.28
12/9/2016								5.73	
1/31/2017	6.63	6.95							
2/1/2017			6.68	6.7	6.5	6.81	7.05		
2/2/2017								6.29	7.45
3/23/2017	7.12	7.04	6.8			6.8	6.97		
3/24/2017				6.77	6.72			6.32	7.28
10/4/2017	6.83	6.86	6.64	6.52		7.12	7.17	6.03	
10/5/2017					6.69				7.53
12/14/2017							6.49		7.39
1/18/2018							7.08		7.45
3/14/2018	6.66	6.76							7.28
3/15/2018			6.88	7.11	6.48			6.05	
3/16/2018						6.72	6.8		
5/16/2018							7.07	5.88	7.3
10/4/2018	6.92	6.62	6.62	6.72	6.66	6.52	6.93	5.92	7.22
12/11/2018							6.94		7.4
1/11/2019									7.07
4/5/2019			6.77						
4/8/2019	6.86	6.79		6.82	6.61		7	6.26	6.91
4/9/2019						6.72			
6/18/2019									6.85
6/19/2019							7.03		
6/27/2019									7.05
9/30/2019	7.15	6.86	6.73	6.77	6.86				
10/1/2019						6.81	6.97	6.09	7.11
11/6/2019								6.18	
3/26/2020	7.02	7.07	6.87	6.74	6.83				
3/27/2020									7.01
3/30/2020								6.48	
3/31/2020						6.82	7.17		
6/18/2020							6.96		
6/19/2020								6.45	6.81
9/22/2020		6.9			6.8				
9/23/2020	6.98		6.87	6.81					
9/24/2020								6.32	6.96
9/25/2020						6.82	6.96		
3/8/2021	6.86		6.95	6.84	6.78				
3/9/2021		6.93				6.93	7.09	6.59	7.06
8/9/2021	7.23	6.9	6.89	6.76					

Time Series

Constituent: pH, Field (SU) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)	GWC-5	GWC-6	GWC-7	GWC-8
8/10/2021					6.84	6.87	7.06	6.29	6.65
9/28/2021									6.77
2/4/2022	7.18	6.98	6.75	7.11	6.92	6.92	7.21	6.7	7.07
8/8/2022	7.28	7.03	6.59	6.73	6.55		6.9		
8/9/2022						6.89			7.08
8/10/2022								6.25	
1/30/2023	7.22	7.05	6.82	6.94	7				
1/31/2023						6.96	7.24	5.84	7.09
8/14/2023	7.22	6.91	6.54	6.74	6.99		7.68		
8/15/2023						6.85		5.94	7.34
11/7/2023							7.15		
2/19/2024	7.11	6.84	6.74	6.95	6.94				
2/20/2024						7.1			
2/21/2024							7.3	5.74	7.48
8/10/2024		6.76							
8/11/2024	7.27		6.83	6.77	7.01			5.93	7.42
8/12/2024						7.11	7.36		
2/11/2025	6.89	6.76	6.76	6.98	6.84	6.9			
2/12/2025							7.15	5.76	7.09

Time Series

Constituent: pH, Field (SU) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23
3/23/2016	7.2	7.56			7.55		7.72	7.48
3/24/2016			7.71	7.69		6.4		
5/17/2016		7.46						
5/18/2016	6.96		7.59	7.49	7.32	6.44	7.77	
5/19/2016	7.2		7.53					7.24
7/6/2016	6.89	7.24		7.39				
7/7/2016			7.55		7.39	6.12	7.65	7.18
9/7/2016		7.4						
9/8/2016	6.93		7.54	7.57	7.34	7.2	7.89	7.17
10/18/2016		7.11		7.35				
10/19/2016	6.84		7.66		7.35	7.11	7.64	7.05
12/6/2016		7.32						
12/7/2016				7.42	7.35	7.24	7.72	7.16
12/8/2016	6.54		7.47					
2/2/2017	6.72	7.19	7.64	7.43		6.86	7.56	
2/3/2017					7.37			7.27
3/27/2017	6.56	7.48	7.59	7.53	7.26	6.51	7.69	7.24
10/5/2017	7.03	7.13	7.65	7.36	7.2	5.97	7.53	7.25
12/14/2017					6.78			
3/15/2018	6.66	7.08		7.54		7.01	7.5	7.05
3/16/2018			7.51		7.13			
5/15/2018		7.41		7.44	7.18	6.18	7.52	
5/16/2018			7.54					
10/4/2018		7.26		7.44		6.33	7.52	
10/5/2018	6.41		7.57		7.07			6.97
12/11/2018	7.03	7.19			7.16	6.65		
1/11/2019		7.11						
4/8/2019	6.72							6.88
4/9/2019		7.22	7.48	7.4	7.26	6.46	7.49	
6/18/2019					7.35			
6/27/2019					7.31			
10/1/2019	6.77	7.07	7.65	7.31	7.16	6.9	7.38	7
11/6/2019					7.44	6.84	7.66	
11/26/2019						6.39		
3/26/2020								6.88
3/27/2020	7.11	6.82						
3/30/2020			7.65					
3/31/2020				7.62	7.57	6.33	7.8	
6/19/2020		7.4		7.61	7.31			
9/23/2020					7.11		7.42	6.96
9/24/2020	6.75		7.62			7.12		
9/25/2020		7.28						
9/28/2020				7.78				
11/10/2020				7.37				
3/9/2021	6.92	7.43	7.66			7.04	7.52	6.81
3/10/2021				7.49	7.42			
8/10/2021	6.91	7.45	7.39	7.49	7.31	6.05	7.75	6.96
2/4/2022	7.1	7.51	7.73					
2/7/2022				7.61	7.57	6.58	7.85	7.05
8/8/2022								7.04
8/9/2022	7	7.36	7.47	7.42	7.33	6.05	7.62	
1/30/2023		7.6						

Time Series

Constituent: pH, Field (SU) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23
1/31/2023	6.74		7.56	7.65	7.44	6.23	7.67	7.03
8/14/2023		7.48						7.21
8/15/2023	7.09		7.63	7.61	7.54	6.17	7.68	
2/19/2024		7.48						
2/20/2024	7.1		7.64	7.51	7.58	6.46	7.61	7.11
8/11/2024	7.05	7.48			7.31	6.22	7.37	
8/12/2024			7.75	7.61				7.31
12/3/2024						6.19		
2/11/2025	6.89	7.47		7.5	7.28	6.4	7.58	
2/12/2025			7.73					7.24

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)	GWC-5	GWC-6	GWC-7	GWC-8
3/6/2007	<0.005	<0.005	<0.005	<0.005					
3/7/2007					<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
7/6/2007						<0.005		<0.005	<0.005
7/7/2007	<0.005	<0.005							
7/17/2007			<0.005	<0.005	<0.005		<0.005		
8/28/2007	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
11/6/2007	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005
11/7/2007					<0.005				
3/31/2008								<0.005	<0.005
5/8/2008			<0.005	<0.005		<0.005	<0.005	<0.005	<0.005
5/9/2008	<0.005	<0.005			<0.005				
12/2/2008					<0.005			<0.005	<0.005
12/3/2008	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005		
4/7/2009	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005		
4/8/2009					<0.005			<0.005	<0.005
9/30/2009									<0.005
10/1/2009	<0.005	<0.005			<0.005	<0.005	<0.005	<0.005	
10/2/2009			<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			
10/6/2010							<0.005		
10/7/2010		<0.005						<0.005	
10/13/2010	<0.005				<0.005				<0.005
10/14/2010			<0.005	<0.005		<0.005			
4/5/2011			<0.005	<0.005		<0.005	<0.005	<0.005	<0.005
4/6/2011	<0.005	<0.005			<0.005				
10/4/2011					<0.005		<0.005	<0.005	<0.005
10/6/2011		<0.005							
10/10/2011	<0.005								
10/12/2011			<0.005	<0.005		<0.005			
4/3/2012	<0.005	<0.005					<0.005	<0.005	<0.005
4/4/2012			<0.005	<0.005		<0.005			
4/10/2012					<0.005				
9/18/2012							<0.005	<0.005	
9/19/2012		<0.005							<0.005
9/24/2012	<0.005			<0.005		<0.005			
9/26/2012			<0.005		<0.005				
3/12/2013	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
9/9/2013		<0.005					<0.005		
9/10/2013			<0.005	<0.005	<0.005	<0.005		<0.005	<0.005
9/11/2013	<0.005								
3/4/2014	<0.005	<0.005			<0.005				
3/5/2014						<0.005	<0.005	<0.005	<0.005
3/11/2014			<0.005	<0.005					
9/3/2014	<0.005	<0.005			<0.005				
9/8/2014			<0.005	<0.005			<0.005	<0.005	
9/9/2014						<0.005			<0.005
4/21/2015	<0.005		<0.005	<0.005	<0.005	<0.005		<0.005	
4/22/2015		<0.005					<0.005		<0.005
9/29/2015			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)	GWC-5	GWC-6	GWC-7	GWC-8
9/30/2015	<0.005	<0.005							
3/22/2016	<0.005	<0.005	<0.005	<0.005	<0.005				
3/23/2016						<0.005	<0.005	<0.005	<0.005
5/17/2016	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		
5/18/2016								<0.005	<0.005
7/5/2016	<0.005	<0.005	<0.005						
7/6/2016				<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
9/7/2016	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
9/8/2016									<0.005
10/18/2016	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
12/6/2016	<0.005		<0.005	<0.005	<0.005				
12/7/2016		<0.005							
12/8/2016						<0.005	<0.005	<0.005	<0.005
1/31/2017	<0.005	<0.005							
2/1/2017			<0.005	<0.005	<0.005	<0.005	<0.005		
2/2/2017								<0.005	<0.005
3/23/2017	<0.005	<0.005	<0.005			<0.005	<0.005		
3/24/2017				<0.005	<0.005			<0.005	<0.005
10/4/2017	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	
10/5/2017					<0.005				<0.005
3/14/2018	<0.005	<0.005							<0.005
3/15/2018			<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	<0.005	<0.005
4/5/2019			<0.005						
4/8/2019	<0.005	<0.005		0.00014 (J)	<0.005		<0.005	<0.005	<0.005
4/9/2019						<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					
9/24/2020								<0.005	<0.005
9/25/2020						<0.005	<0.005		
3/8/2021	<0.005		<0.005	<0.005	<0.005				
3/9/2021		<0.005				<0.005	<0.005	<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	<0.005	<0.005
8/8/2022	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005		
8/9/2022						<0.005			<0.005
8/10/2022								<0.005	
1/30/2023	<0.005	<0.005	<0.005	<0.005	<0.005				
1/31/2023						<0.005	<0.005	<0.005	<0.005
8/14/2023	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005		
8/15/2023						<0.005		<0.005	<0.005
2/19/2024	<0.005	<0.005	<0.005	<0.005	<0.005				
2/20/2024						<0.005			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)	GWC-5	GWC-6	GWC-7	GWC-8
2/21/2024							<0.005	<0.005	<0.005
8/10/2024		<0.005							
8/11/2024	<0.005		<0.005	<0.005	<0.005			<0.005	<0.005
8/12/2024						<0.005	<0.005		
2/11/2025	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
2/12/2025							<0.005	<0.005	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23
3/6/2007				<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						
5/9/2007			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
7/6/2007	<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				
8/29/2007					<0.005	<0.005	<0.005	<0.005
11/6/2007	<0.005							
11/7/2007		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
3/31/2008						<0.005		<0.005
5/7/2008			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
5/8/2008	<0.005							
5/9/2008		<0.005						
12/2/2008	<0.005	<0.005						
12/3/2008			<0.005					
12/4/2008				<0.005				
12/5/2008					<0.005	<0.005	<0.005	<0.005
4/8/2009	<0.005	<0.005						
4/14/2009			<0.005	<0.005	<0.005		<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
10/2/2009				<0.005				
4/13/2010	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	
4/14/2010		<0.005						<0.005
10/12/2010			<0.005	<0.005	<0.005	<0.005	<0.005	
10/13/2010	<0.005	<0.005						<0.005
4/5/2011	<0.005							
4/6/2011		<0.005	<0.005	<0.005			<0.005	<0.005
10/4/2011	<0.005	<0.005						
10/5/2011						<0.005	<0.005	
10/12/2011			<0.005	<0.005	<0.005			<0.005
4/4/2012	<0.005							
4/5/2012			<0.005	<0.005				
4/9/2012					<0.005		<0.005	<0.005
4/10/2012		<0.005				<0.005		
9/19/2012	<0.005		<0.005					<0.005
9/25/2012				<0.005	<0.005		<0.005	
9/26/2012		<0.005				<0.005		
3/12/2013	<0.005	<0.005						
3/13/2013			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
9/10/2013	<0.005	<0.005	<0.005					<0.005
9/11/2013				<0.005	<0.005	<0.005	<0.005	
3/4/2014		0.0016 (J)						
3/5/2014	0.0018 (J)							
3/10/2014			<0.005	<0.005	<0.005			
3/11/2014						0.0024 (J)	0.0017 (J)	<0.005
9/3/2014	<0.005	<0.005	<0.005					<0.005
9/9/2014				<0.005	<0.005	<0.005	<0.005	
4/21/2015	<0.005	<0.005						
4/22/2015			<0.005	<0.005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23
4/23/2015					<0.005		<0.005	<0.005
9/29/2015	<0.005							
9/30/2015		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
3/23/2016	<0.005	<0.005			<0.005		<0.005	<0.005
3/24/2016			<0.005	<0.005		<0.005		
5/17/2016		<0.005						
5/18/2016	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	
5/19/2016								<0.005
7/6/2016	<0.005	<0.005		<0.005				
7/7/2016			<0.005		<0.005	<0.005	<0.005	<0.005
9/7/2016		<0.005						
9/8/2016	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
10/18/2016		<0.005		<0.005				
10/19/2016	<0.005		<0.005		<0.005	<0.005	<0.005	<0.005
12/6/2016		<0.005						
12/7/2016				<0.005	<0.005	<0.005	<0.005	<0.005
12/8/2016	<0.005		<0.005					
2/2/2017	<0.005	<0.005	<0.005	<0.005		0.0017 (J)	<0.005	
2/3/2017					<0.005			<0.005
3/27/2017	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
10/5/2017	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
3/15/2018	<0.005	<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	
10/5/2018	<0.005		<0.005		<0.005			<0.005
4/8/2019	<0.005							<0.005
4/9/2019		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
10/1/2019	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0014 (J)	<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	<0.005
9/24/2020	<0.005		<0.005			<0.005		
9/25/2020		<0.005						
9/28/2020				<0.005				
3/9/2021	<0.005	<0.005	<0.005			<0.005	<0.005	<0.005
3/10/2021				<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					
2/7/2022				<0.005	<0.005	<0.005	<0.005	<0.005
8/8/2022								<0.005
8/9/2022	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
1/30/2023		<0.005						
1/31/2023	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
8/14/2023		<0.005						<0.005
8/15/2023	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	
2/19/2024		<0.005						
2/20/2024	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
8/11/2024	<0.005	<0.005			<0.005	<0.005	<0.005	
8/12/2024			<0.005	<0.005				<0.005
2/11/2025	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23
2/12/2025			<0.005					<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)	GWC-5	GWC-6	GWC-7	GWC-8
3/6/2007	<0.005	<0.005	<0.005	<0.005					
3/7/2007					<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
7/6/2007						<0.005		<0.005	<0.005
7/7/2007	<0.005	<0.005							
7/17/2007			<0.005	<0.005	<0.005		<0.005		
8/28/2007	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
11/6/2007	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005
11/7/2007					<0.005				
3/31/2008								<0.005	<0.005
5/8/2008			<0.005	<0.005		<0.005	<0.005	<0.005	<0.005
5/9/2008	<0.005	<0.005			<0.005				
12/2/2008					<0.005			<0.005	<0.005
12/3/2008	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005		
4/7/2009	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005		
4/8/2009					<0.005			<0.005	<0.005
9/30/2009									<0.005
10/1/2009	<0.005	<0.005			<0.005	<0.005	<0.005	<0.005	
10/2/2009			<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			
10/6/2010							<0.005		
10/7/2010		<0.005						<0.005	
10/13/2010	<0.005				<0.005				<0.005
10/14/2010			<0.005	<0.005		<0.005			
4/5/2011			<0.005	<0.005		<0.005	<0.005	<0.005	<0.005
4/6/2011	<0.005	<0.005			<0.005				
10/4/2011					<0.005		<0.005	<0.005	<0.005
10/6/2011		<0.005							
10/10/2011	<0.005								
10/12/2011			<0.005	<0.005		<0.005			
4/3/2012	<0.005	<0.005					<0.005	<0.005	<0.005
4/4/2012			<0.005	<0.005		<0.005			
4/10/2012					<0.005				
9/18/2012							<0.005	<0.005	
9/19/2012		<0.005							<0.005
9/24/2012	<0.005			<0.005		<0.005			
9/26/2012			<0.005		<0.005				
3/12/2013	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
9/9/2013		<0.005					<0.005		
9/10/2013			<0.005	<0.005	<0.005	<0.005		<0.005	<0.005
9/11/2013	<0.005								
3/4/2014	<0.005	<0.005			<0.005				
3/5/2014						<0.005	<0.005	<0.005	<0.005
3/11/2014			<0.005	<0.005					
9/3/2014	<0.005	<0.005			<0.005				
9/8/2014			<0.005	<0.005			<0.005	<0.005	
9/9/2014						<0.005			<0.005
4/21/2015	<0.005		<0.005	<0.005	<0.005	<0.005		<0.005	
4/22/2015		<0.005					<0.005		<0.005
9/29/2015			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)	GWC-5	GWC-6	GWC-7	GWC-8
9/30/2015	<0.005	<0.005							
3/22/2016	<0.005	<0.005	<0.005	<0.005	<0.005				
3/23/2016						<0.005	<0.005	<0.005	<0.005
9/7/2016	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
9/8/2016									<0.005
3/23/2017	<0.005	<0.005	<0.005			<0.005	<0.005		
3/24/2017				<0.005	<0.005			<0.005	<0.005
10/4/2017	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	
10/5/2017					<0.005				<0.005
3/14/2018	<0.005	<0.005							<0.005
3/15/2018			<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	<0.005	<0.005
4/5/2019			<0.005						
4/8/2019	<0.005	<0.005		<0.005	<0.005		<0.005	<0.005	<0.005
4/9/2019						<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					
9/24/2020								<0.005	<0.005
9/25/2020						<0.005	<0.005		
3/8/2021	<0.005		<0.005	<0.005	<0.005				
3/9/2021		<0.005				<0.005	<0.005	<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	<0.005	<0.005
8/8/2022	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005		
8/9/2022						<0.005			<0.005
8/10/2022								<0.005	
1/30/2023	<0.005	<0.005	<0.005	<0.005	<0.005				
1/31/2023						<0.005	<0.005	<0.005	<0.005
8/14/2023	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005		
8/15/2023						<0.005		<0.005	<0.005
2/19/2024	<0.005	<0.005	<0.005	<0.005	<0.005				
2/20/2024						<0.005			
2/21/2024							<0.005	<0.005	<0.005
8/10/2024		<0.005							
8/11/2024	<0.005		<0.005	<0.005	<0.005			<0.005	<0.005
8/12/2024						<0.005	<0.005		
2/11/2025	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
2/12/2025							<0.005	<0.005	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23
3/6/2007				<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						
5/9/2007			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
7/6/2007	<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				
8/29/2007					<0.005	<0.005	<0.005	<0.005
11/6/2007	<0.005							
11/7/2007		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
3/31/2008						<0.005		<0.005
5/7/2008			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
5/8/2008	<0.005							
5/9/2008		<0.005						
12/2/2008	<0.005	<0.005						
12/3/2008			<0.005					
12/4/2008				<0.005				
12/5/2008					<0.005	<0.005	<0.005	<0.005
4/8/2009	<0.005	<0.005						
4/14/2009			<0.005	<0.005	<0.005		<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
10/2/2009				<0.005				
4/13/2010	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	
4/14/2010		<0.005						<0.005
10/12/2010			<0.005	<0.005	<0.005	<0.005	<0.005	
10/13/2010	<0.005	<0.005						<0.005
4/5/2011	<0.005							
4/6/2011		<0.005	<0.005	<0.005			<0.005	<0.005
10/4/2011	<0.005	<0.005						
10/5/2011						<0.005	<0.005	
10/12/2011			<0.005	<0.005	<0.005			<0.005
4/4/2012	<0.005							
4/5/2012			<0.005	<0.005				
4/9/2012					<0.005		<0.005	<0.005
4/10/2012		<0.005				<0.005		
9/19/2012	<0.005		<0.005					<0.005
9/25/2012				<0.005	<0.005		<0.005	
9/26/2012		<0.005				<0.005		
3/12/2013	<0.005	<0.005						
3/13/2013			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
9/10/2013	<0.005	<0.005	<0.005					<0.005
9/11/2013				<0.005	<0.005	<0.005	<0.005	
3/4/2014		<0.005						
3/5/2014	<0.005							
3/10/2014			<0.005	<0.005	<0.005			
3/11/2014						<0.005	<0.005	<0.005
9/3/2014	<0.005	<0.005	<0.005					<0.005
9/9/2014				<0.005	<0.005	<0.005	<0.005	
4/21/2015	<0.005	<0.005						
4/22/2015			<0.005	<0.005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23
4/23/2015					<0.005		<0.005	<0.005
9/29/2015	<0.005							
9/30/2015		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
3/23/2016	<0.005	<0.005			<0.005		<0.005	<0.005
3/24/2016			<0.005	<0.005		<0.005		
9/7/2016		<0.005						
9/8/2016	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
3/27/2017	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
10/5/2017	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
3/15/2018	<0.005	<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	
10/5/2018	<0.005		<0.005		<0.005			<0.005
4/8/2019	<0.005							<0.005
4/9/2019		<0.005	<0.005	<0.005	<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	<0.005
9/24/2020	<0.005		<0.005			<0.005		
9/25/2020		<0.005						
9/28/2020				<0.005				
3/9/2021	<0.005	<0.005	<0.005			<0.005	<0.005	<0.005
3/10/2021				<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					
2/7/2022				<0.005	<0.005	<0.005	<0.005	<0.005
8/8/2022								<0.005
8/9/2022	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
1/30/2023		<0.005						
1/31/2023	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
8/14/2023		<0.005						<0.005
8/15/2023	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	
2/19/2024		<0.005						
2/20/2024	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
8/11/2024	<0.005	<0.005			<0.005	<0.005	<0.005	
8/12/2024			<0.005	<0.005				<0.005
2/11/2025	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	
2/12/2025			<0.005					<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)	GWC-5	GWC-6	GWC-7	GWC-8
3/22/2016	4.4409	13.0789	107.476	302.2975	11.6823				
3/23/2016						76.011	87.512	90.229	26.3455
5/17/2016	4.43	15.3	106	213	11.4	76.2	101		
5/18/2016								100	
5/19/2016									31.7
7/5/2016	4.6	15	110						
7/6/2016				280	12	74	110	130	36
9/7/2016	4.8	16	83	160	13	64	97	130	
9/8/2016									45
10/18/2016	4.7	16	110	120	13	65	120	140	49
12/6/2016	4.7		220 (O)	210	12				
12/7/2016		15							
12/8/2016						100	100	140	50
1/31/2017	5.1	13							
2/1/2017			190 (O)	200	13	150 (O)	110		
2/2/2017								71	51
3/23/2017	4.7	12	160			130 (O)	110		
3/24/2017				140	12			68	46
10/4/2017	5	12	140	140		71	130	120	
10/5/2017					13				48
12/14/2017							130		
1/18/2018							110		
3/14/2018	5.1	13.9							36.8
3/15/2018			119	167	12.2			118	
3/16/2018						77.4	93.6		
10/4/2018	5.2	17.4	117	209	15.6	90.3	137	167	45.4
12/11/2018							110		
4/5/2019			131						
4/8/2019	4.6	18.1		248	13.2		131	97.1	39.9
4/9/2019						83.6			
6/19/2019							108		
9/30/2019	4.9	17.5	118	117	11.5				
10/1/2019						68.1	71.7	120	47.1
3/26/2020	5	15.6	95.8	128	10.8				
3/27/2020									31.5
3/30/2020								64.6	
3/31/2020						92.6	106		
9/21/2020		18.2							
9/22/2020					9.8				
9/23/2020	6.6		95.6	123					
9/24/2020								120	48.3
9/25/2020						80.7	110		
3/8/2021	4.6		99.5	152	11.5				
3/9/2021		16.8				86.9	105	87.4	33.1
8/9/2021	4.7	23.2	93.3	106					
8/10/2021					11.2	76.1	95.9	101	31.6
2/4/2022	4	21.1	73.5	170	10.4	80.1	101	78.3	25.8
8/8/2022	4.1	23.3	78.9	116	10.2		77.1		
8/9/2022						74.6			33.3
8/10/2022								102	
1/30/2023	3.8	19.8	78.4	156	9.5				
1/31/2023						90.6	95.7	118	31.3

Time Series

Constituent: Sulfate (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)	GWC-5	GWC-6	GWC-7	GWC-8
8/14/2023	3.9	23.4	72.3	122	8.9		99.5		
8/15/2023						77.2		122	28.1
2/19/2024	5.1	23.7	103	138	9.9				
2/20/2024						98.1			
2/21/2024							91.9	122	48.3
8/10/2024		33.1							
8/11/2024	3.9		87.2	116	9.3			123	47.1
8/12/2024						77.2	87.7		
2/11/2025	3.7	33.8	94.4	155	9.7	91.7			
2/12/2025							95	107	43.8

Time Series

Constituent: Sulfate (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23
3/23/2016	61.8335	14.6529			22.9683		9.1183	6.2867
3/24/2016			10.1818	16.8473		24.8075		
5/17/2016		13.3						
5/18/2016				18.4	19.2	26.2	6.88	
5/19/2016	64.3		9.58					5.42
7/6/2016	69	10		17				
7/7/2016			9.6		31	31	6.8	5.7
9/7/2016		10						
9/8/2016	68		9.4	16	30	33	6.8	5.7
10/18/2016		10		19				
10/19/2016	69		9.9		32	31	7.5	5.8
12/6/2016		11						
12/7/2016				13	26	19	11	5.9
12/8/2016	69		14					
2/2/2017	76	11	13	14		52 (D)	9.9	
2/3/2017					27			38 (o)
3/27/2017	68	33	12	18	30	29	8.4	43 (o)
10/5/2017	74	16	12	16	32	33	7.4	8.3
3/15/2018	57.8	33.9		14.8		38	8.2	14
3/16/2018			11.7		37.5			
5/15/2018		29.1			41			
10/4/2018		29.5		15.9		19.3	6.4	
10/5/2018	81.9		10.6		38.9			9.3
12/11/2018	73.6				41.8			
4/8/2019	73.5							6.2
4/9/2019		21.4	11.3	16.7	50.3	19.9	11	
6/18/2019					38.7			
6/27/2019					46			
10/1/2019	72.2	13.4	8.9	14.7	52.3	46.3	1.9	5.8
11/6/2019					47.3			
3/26/2020								14.5
3/27/2020	54	10.8						
3/30/2020			9.7					
3/31/2020				17.8	53.6	29.9	10.9	
9/23/2020					58.9		5	5.3
9/24/2020	69.9		8.5			37.6		
9/25/2020		11.6						
9/28/2020				15.8				
3/9/2021	65.1	14.2	7.9			41.6	6.4	10.2
3/10/2021				18.7	64.7			
8/10/2021	76.3	14.9	10.3	17.8	66.4 (M1)	23.8	6.2	8
2/4/2022	69.2	14.4	8.9					
2/7/2022				16.9	66.3	25.9	8.2	13
8/8/2022								5.6
8/9/2022	77	10.6	8.6	21.9	66.5	18.3	6.3	
1/30/2023		11.5						
1/31/2023	70		8.4	22.8	69.8	12.4	8.8	19.5
8/14/2023		9						4.6
8/15/2023	63.9		7.7	19.1	67.1	18.9	5.6	
2/19/2024		10.8						
2/20/2024	78.2		9.1	24.3	71	23.8	7.3	18.6
8/11/2024	80.4	8.5			74	28.4	5.7	

Time Series

Constituent: Sulfate (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23
8/12/2024			8.1	24				6
2/11/2025	79.2	10.5		26.8	67.8	18.3	7.1	
2/12/2025			7.4					4.8

Time Series

Constituent: TDS (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)	GWC-5	GWC-6	GWC-7	GWC-8
3/22/2016	78	233	451	686 (O)	112				
3/23/2016						379	310	253	239
5/17/2016	67	197	430	533	121	349	280		
5/18/2016								276	
5/19/2016									236
7/5/2016	87	218	418						
7/6/2016				646 (O)	98	346	280	239	218
9/7/2016	125	240	443	493	128	382	324	247	
9/8/2016									225
10/18/2016	133	221	415	455	115	461	307	233	200
12/6/2016	151		653 (O)	597 (O)	153				
12/7/2016		235							
12/8/2016						379	281	373	196
1/31/2017	135	253							
2/1/2017			615 (O)	638 (O)	183	511	354		
2/2/2017								236	231
3/23/2017	72	190	506			443	302		
3/24/2017				579 (O)	121			291	250
10/4/2017	91	192	492	440		359	365	264	
10/5/2017					113				309
12/14/2017							406		322
1/18/2018							404		322
3/14/2018	99	204							263
3/15/2018			448	381	115			254	
3/16/2018						390	317		
10/4/2018	112	233	472	490	135	385	371	287	292
4/5/2019			456						
4/8/2019	91	209		522	142		353	295	438
4/9/2019						371			
9/30/2019	126	242	475	455	134				
10/1/2019						380	348	277	305
3/26/2020	73	222	450	466	76				
3/27/2020									329
3/30/2020								216	
3/31/2020						408	349		
9/21/2020		204							
9/22/2020					107				
9/23/2020	117		473	421					
9/24/2020								254	307
9/25/2020						367	345		
3/8/2021	96		415	460	107				
3/9/2021		227				364	298	299	308
8/9/2021	96	245	416	371					
8/10/2021					107	363	318	210	425
2/4/2022	107	245	325	496	125	360	335	310	349
8/8/2022	99	249	348	360	119		327		
8/9/2022						363			310
8/10/2022								248	
1/30/2023	94	263	367	459	130				
1/31/2023						385	335	223	284
8/14/2023	98	266	341	429	107		368		
8/15/2023						428		267	280

Time Series

Constituent: TDS (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)	GWC-5	GWC-6	GWC-7	GWC-8
2/19/2024	107	370	380	433	193				
2/20/2024						407			
2/21/2024							275	310	<25
8/10/2024		287							
8/11/2024	162		419	456	145			293	327
8/12/2024						401	376		
2/11/2025	101	292	376	430	134	420			
2/12/2025							322	243	341

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: TDS (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23
3/23/2016	204	182			208		206	168
3/24/2016			205	232		110		
5/17/2016		178						
5/18/2016				245	213	153	212	
5/19/2016	215		204					173
7/6/2016	204	135		231				
7/7/2016			181		212	151	206	144
9/7/2016		165						
9/8/2016	201		193	252	201	285	214	179
10/18/2016		113		288				
10/19/2016	272		231		276	314	269	209
12/6/2016		194						
12/7/2016				220	186	252	199	156
12/8/2016	227		166					
2/2/2017	209	160	191	220		138	211	
2/3/2017					219			276
3/27/2017	305	252	427 (o)	393 (o)	239	88	324	295
10/5/2017	204	177	207	242	216	111	219	192
3/15/2018	280	216		213		219	190	169
3/16/2018			199		216			
10/4/2018		222		231		152	215	
10/5/2018	236		235		256			210
4/8/2019	264							191
4/9/2019		213	212	253	267	167	222	
10/1/2019	237	186	196	229	271	336	220	203
11/6/2019						336		
11/26/2019						236		
3/26/2020								193
3/27/2020	192	118						
3/30/2020			217					
3/31/2020				233	267	111	195	
9/23/2020					277		231	186
9/24/2020	179		181			286		
9/25/2020		153						
9/28/2020				214				
3/9/2021	209	201	192			243	178	216
3/10/2021				223	241			
8/10/2021	208	185	224	209	270	121	206	178
2/4/2022	225	214	225					
2/7/2022				218	268	161	207	224
8/8/2022								176
8/9/2022	220	170	183	236	285	119	208	
1/30/2023		190						
1/31/2023	216		284	239	329	76	221	243
8/14/2023		162						163
8/15/2023	246		193	227	291	152	212	
2/19/2024		198						
2/20/2024	301		250	306	369	126	220	263
8/11/2024	256	170			312	181	219	
8/12/2024			242	236				189
2/11/2025	247	199		264	291	131	221	
2/12/2025			192					173

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)	GWC-5	GWC-6	GWC-7	GWC-8
3/6/2007	<0.001	<0.001	<0.001	<0.001					
3/7/2007					<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
7/6/2007						<0.001		<0.001	<0.001
7/7/2007	<0.001	<0.001							
7/17/2007			<0.001	<0.001	<0.001		<0.001		
8/28/2007	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
11/6/2007	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
11/7/2007					<0.001				
3/31/2008								<0.001	<0.001
5/8/2008			<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
5/9/2008	<0.001	<0.001			<0.001				
12/2/2008					<0.001			<0.001	<0.001
12/3/2008	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001		
4/7/2009	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001		
4/8/2009					<0.001			<0.001	<0.001
9/30/2009									<0.001
10/1/2009	<0.001	<0.001			<0.001	<0.001	<0.001	<0.001	
10/2/2009			<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			
10/6/2010							<0.001		
10/7/2010		<0.001						<0.001	
10/13/2010	<0.001				<0.001				<0.001
10/14/2010			<0.001	<0.001		<0.001			
4/5/2011			<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
4/6/2011	<0.001	<0.001			<0.001				
10/4/2011					<0.001		<0.001	<0.001	<0.001
10/6/2011		<0.001							
10/10/2011	<0.001								
10/12/2011			<0.001	<0.001		<0.001			
4/3/2012	<0.001	<0.001					<0.001	<0.001	<0.001
4/4/2012			<0.001	<0.001		<0.001			
4/10/2012					<0.001				
9/18/2012							<0.001	<0.001	
9/19/2012		<0.001							<0.001
9/24/2012	<0.001			<0.001		<0.001			
9/26/2012			<0.001		<0.001				
3/12/2013	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/4/2014	<0.001	<0.001			<0.001				
3/5/2014						<0.001	<0.001	<0.001	<0.001
3/11/2014			<0.001	<0.001					
9/3/2014	<0.001	<0.001			<0.001				
9/8/2014			<0.001	<0.001			<0.001	<0.001	
9/9/2014						<0.001			<0.001
4/21/2015	<0.001		<0.001	<0.001	<0.001	<0.001		<0.001	
4/22/2015		<0.001					<0.001		<0.001
9/29/2015			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/30/2015	<0.001	<0.001							
3/22/2016	<0.001	<0.001	<0.001	<0.001	<0.001				
3/23/2016						<0.001	<0.001	<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)	GWC-5	GWC-6	GWC-7	GWC-8
5/17/2016	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		
5/18/2016								<0.001	<0.001
7/5/2016	<0.001	<0.001	<0.001						
7/6/2016				<0.001	<0.001	<0.001	<0.001	0.0001 (J)	<0.001
9/7/2016	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
9/8/2016									<0.001
10/18/2016	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
12/6/2016	<0.001		<0.001	<0.001	<0.001				
12/7/2016		<0.001							
12/8/2016						<0.001	<0.001	<0.001	<0.001
1/31/2017	<0.001	<0.001							
2/1/2017			<0.001	<0.001	<0.001	<0.001	<0.001		
2/2/2017								<0.001	<0.001
3/23/2017	<0.001	<0.001	<0.001			<0.001	<0.001		
3/24/2017				<0.001	<0.001			<0.001	<0.001
10/4/2017	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	
10/5/2017					<0.001				<0.001
3/14/2018	<0.001	<0.001							<0.001
3/15/2018			<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	<0.001	<0.001
4/5/2019			<0.001						
4/8/2019	<0.001	<0.001		<0.001	<0.001		<0.001	<0.001	<0.001
4/9/2019						<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					
9/24/2020								<0.001	<0.001
9/25/2020						<0.001	<0.001		
3/8/2021	<0.001		<0.001	<0.001	<0.001				
3/9/2021		<0.001				<0.001	<0.001	<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	<0.001	<0.001
8/8/2022	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001		
8/9/2022						<0.001			<0.001
8/10/2022								<0.001	
1/30/2023	0.00022 (J)	<0.001	<0.001	<0.001	<0.001				
1/31/2023						<0.001	<0.001	<0.001	<0.001
8/14/2023	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001		
8/15/2023						<0.001		<0.001	<0.001
2/19/2024	<0.001	<0.001	<0.001	<0.001	<0.001				
2/20/2024						<0.001			
2/21/2024							<0.001	<0.001	<0.001
8/10/2024		<0.001							
8/11/2024	<0.001		<0.001	<0.001	<0.001			<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)	GWC-5	GWC-6	GWC-7	GWC-8
8/12/2024						<0.001	<0.001		
2/11/2025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
2/12/2025							<0.001	<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23
3/6/2007				<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						
5/9/2007			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
7/6/2007	<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				
8/29/2007					<0.001	<0.001	<0.001	<0.001
11/6/2007	<0.001							
11/7/2007		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/31/2008						<0.001		<0.001
5/7/2008			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
5/8/2008	<0.001							
5/9/2008		<0.001						
12/2/2008	<0.001	<0.001						
12/3/2008			<0.001					
12/4/2008				<0.001				
12/5/2008					<0.001	<0.001	<0.001	<0.001
4/8/2009	<0.001	<0.001						
4/14/2009			<0.001	<0.001	<0.001		<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
10/2/2009				<0.001				
4/13/2010	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	
4/14/2010		<0.001						<0.001
10/12/2010			<0.001	<0.001	<0.001	<0.001	<0.001	
10/13/2010	<0.001	<0.001						<0.001
4/5/2011	<0.001							
4/6/2011		<0.001	<0.001	<0.001			<0.001	<0.001
10/4/2011	<0.001	<0.001						
10/5/2011						<0.001	<0.001	
10/12/2011			<0.001	<0.001	<0.001			<0.001
4/4/2012	<0.001							
4/5/2012			<0.001	<0.001				
4/9/2012					<0.001		<0.001	<0.001
4/10/2012		<0.001				<0.001		
9/19/2012	<0.001		<0.001					<0.001
9/25/2012				<0.001	<0.001		<0.001	
9/26/2012		<0.001				<0.001		
3/12/2013	<0.001	<0.001						
3/13/2013			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/4/2014		<0.001						
3/5/2014	<0.001							
3/10/2014			<0.001	<0.001	<0.001			
3/11/2014						<0.001	<0.001	<0.001
9/3/2014	<0.001	<0.001	<0.001					<0.001
9/9/2014				<0.001	<0.001	<0.001	<0.001	
4/21/2015	<0.001	<0.001						
4/22/2015			<0.001	<0.001				
4/23/2015					<0.001		<0.001	<0.001
9/29/2015	<0.001							

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23
9/30/2015		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/23/2016	<0.001	<0.001			<0.001		<0.001	<0.001
3/24/2016			<0.001	<0.001		<0.001		
5/17/2016		<0.001						
5/18/2016	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	
5/19/2016								<0.001
7/6/2016	<0.001	<0.001		<0.001				
7/7/2016			<0.001		<0.001	<0.001	<0.001	<0.001
9/7/2016		<0.001						
9/8/2016	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
10/18/2016		<0.001		<0.001				
10/19/2016	<0.001		<0.001		<0.001	<0.001	<0.001	<0.001
12/6/2016		<0.001						
12/7/2016				<0.001	<0.001	<0.001	<0.001	<0.001
12/8/2016	<0.001		<0.001					
2/2/2017	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	
2/3/2017					<0.001			<0.001
3/27/2017	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
10/5/2017	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/15/2018	<0.001	<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	
10/5/2018	<0.001		<0.001		<0.001			<0.001
4/8/2019	<0.001							<0.001
4/9/2019		<0.001	<0.001	<0.001	<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	<0.001
9/24/2020	<0.001		<0.001			<0.001		
9/25/2020		<0.001						
9/28/2020				<0.001				
3/9/2021	<0.001	<0.001	<0.001			<0.001	<0.001	<0.001
3/10/2021				<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					
2/7/2022				<0.001	<0.001	<0.001	<0.001	<0.001
8/8/2022								<0.001
8/9/2022	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
1/30/2023		<0.001						
1/31/2023	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
8/14/2023		<0.001						<0.001
8/15/2023	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	
2/19/2024		<0.001						
2/20/2024	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
8/11/2024	<0.001	<0.001			<0.001	<0.001	<0.001	
8/12/2024			<0.001	<0.001				<0.001
2/11/2025	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	
2/12/2025			<0.001					<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)	GWC-5	GWC-6	GWC-7	GWC-8
3/6/2007	<0.01	<0.01	<0.01	<0.01					
3/7/2007					<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
7/6/2007						<0.01		<0.01	<0.01
7/7/2007	<0.01	<0.01							
7/17/2007			<0.01	<0.01	<0.01		<0.01		
8/28/2007	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
11/6/2007	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01
11/7/2007					<0.01				
3/31/2008								<0.01	0.034
5/8/2008			<0.01	<0.01		<0.01	<0.01	<0.01	<0.01
5/9/2008	<0.01	<0.01			<0.01				
12/2/2008					<0.01			<0.01	<0.01
12/3/2008	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
4/7/2009	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
4/8/2009					<0.01			<0.01	<0.01
9/30/2009									<0.01
10/1/2009	<0.01	<0.01			<0.01	<0.01	<0.01	0.0039	
10/2/2009			<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			
10/6/2010							<0.01		
10/7/2010		<0.01						<0.01	
10/13/2010	<0.01				<0.01				<0.01
10/14/2010			<0.01	<0.01		<0.01			
4/5/2011			<0.01	<0.01		<0.01	<0.01	0.0025	<0.01
4/6/2011	<0.01	<0.01			<0.01				
10/4/2011					<0.01		<0.01	0.0027	<0.01
10/6/2011		<0.01							
10/10/2011	<0.01								
10/12/2011			<0.01	<0.01		<0.01			
4/3/2012	<0.01	<0.01					<0.01	<0.01	<0.01
4/4/2012			<0.01	<0.01		<0.01			
4/10/2012					<0.01				
9/18/2012							<0.01	<0.01	
9/19/2012		<0.01							<0.01
9/24/2012	<0.01			<0.01		<0.01			
9/26/2012			<0.01		<0.01				
3/12/2013	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
9/9/2013		<0.01					<0.01		
9/10/2013			<0.01	<0.01	<0.01	<0.01		<0.01	<0.01
9/11/2013	<0.01								
3/4/2014	<0.01	<0.01			<0.01				
3/5/2014						<0.01	<0.01	<0.01	<0.01
3/11/2014			<0.01	<0.01					
9/3/2014	<0.01	<0.01			<0.01				
9/8/2014			<0.01	<0.01			<0.01	0.0012 (J)	
9/9/2014						0.00093 (J)			<0.01
4/21/2015	<0.01		<0.01	<0.01	<0.01	<0.01		0.0015 (J)	
4/22/2015		<0.01					<0.01		<0.01
9/29/2015			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)	GWC-5	GWC-6	GWC-7	GWC-8
9/30/2015	<0.01	<0.01							
3/22/2016	<0.01	<0.01	<0.01	<0.01	<0.01				
3/23/2016						<0.01	<0.01	<0.01	<0.01
9/7/2016	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
9/8/2016									<0.01
3/23/2017	<0.01	<0.01	<0.01			<0.01	<0.01		
3/24/2017				<0.01	<0.01			<0.01	<0.01
10/4/2017	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	
10/5/2017					<0.01				<0.01
3/14/2018	<0.01	<0.01							<0.01
3/15/2018			<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	<0.01	<0.01
4/5/2019			<0.01						
4/8/2019	<0.01	<0.01		<0.01	<0.01		<0.01	<0.01	<0.01
4/9/2019						<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					
9/24/2020								<0.01	<0.01
9/25/2020						<0.01	<0.01		
3/8/2021	<0.01		<0.01	<0.01	<0.01				
3/9/2021		<0.01				<0.01	<0.01	<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	<0.01	<0.01
8/8/2022	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01		
8/9/2022						<0.01			<0.01
8/10/2022								<0.01	
1/30/2023	0.0022 (J)	<0.01	<0.01	<0.01	<0.01				
1/31/2023						<0.01	<0.01	<0.01	<0.01
8/14/2023	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01		
8/15/2023						<0.01		<0.01	<0.01
2/19/2024	<0.01	<0.01	<0.01	0.0012 (J)	<0.01				
2/20/2024						<0.01			
2/21/2024							<0.01	<0.01	<0.01
8/10/2024		<0.01							
8/11/2024	<0.01		<0.01	<0.01	<0.01			<0.01	<0.01
8/12/2024						<0.01	<0.01		
2/11/2025	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			
2/12/2025							<0.01	<0.01	<0.01

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23
3/6/2007				<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						
5/9/2007			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
7/6/2007	<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				
8/29/2007					<0.01	<0.01	<0.01	<0.01
11/6/2007	<0.01							
11/7/2007		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
3/31/2008						<0.01		<0.01
5/7/2008			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
5/8/2008	<0.01							
5/9/2008		<0.01						
12/2/2008	<0.01	<0.01						
12/3/2008			<0.01					
12/4/2008				<0.01				
12/5/2008					<0.01	<0.01	<0.01	<0.01
4/8/2009	0.0029	<0.01						
4/14/2009			<0.01	<0.01	<0.01		<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
10/2/2009				<0.01				
4/13/2010	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	
4/14/2010		<0.01						<0.01
10/12/2010			<0.01	<0.01	<0.01	<0.01	<0.01	
10/13/2010	<0.01	<0.01						<0.01
4/5/2011	<0.01							
4/6/2011		<0.01	<0.01	<0.01			<0.01	<0.01
10/4/2011	<0.01	<0.01						
10/5/2011						<0.01	<0.01	
10/12/2011			<0.01	<0.01	<0.01			<0.01
4/4/2012	<0.01							
4/5/2012			<0.01	<0.01				
4/9/2012					<0.01		<0.01	<0.01
4/10/2012		<0.01				<0.01		
9/19/2012	<0.01		<0.01					<0.01
9/25/2012				<0.01	<0.01		<0.01	
9/26/2012		<0.01				<0.01		
3/12/2013	<0.01	<0.01						
3/13/2013			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
9/10/2013	<0.01	<0.01	<0.01					<0.01
9/11/2013				<0.01	<0.01	<0.01	<0.01	
3/4/2014		<0.01						
3/5/2014	<0.01							
3/10/2014			<0.01	<0.01	<0.01			
3/11/2014						<0.01	<0.01	<0.01
9/3/2014	<0.01	<0.01	<0.01					<0.01
9/9/2014				<0.01	<0.01	0.0029 (J)	<0.01	
4/21/2015	<0.01	<0.01						
4/22/2015			<0.01	<0.01				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23
4/23/2015					<0.01		<0.01	<0.01
9/29/2015	<0.01							
9/30/2015		<0.01	<0.01	<0.01	<0.01	0.001 (J)	<0.01	<0.01
3/23/2016	<0.01	<0.01			<0.01		<0.01	<0.01
3/24/2016			<0.01	<0.01		<0.01		
9/7/2016		<0.01						
9/8/2016	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
3/27/2017	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
10/5/2017	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
3/15/2018	<0.01	<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	
10/5/2018	<0.01		<0.01		<0.01			<0.01
4/8/2019	<0.01							0.00017 (J)
4/9/2019		<0.01	<0.01	<0.01	<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	<0.01
9/24/2020	<0.01		<0.01			<0.01		
9/25/2020		<0.01						
9/28/2020				<0.01				
3/9/2021	<0.01	<0.01	<0.01			<0.01	<0.01	<0.01
3/10/2021				<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					
2/7/2022				<0.01	<0.01	<0.01	<0.01	<0.01
8/8/2022								<0.01
8/9/2022	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
1/30/2023		<0.01						
1/31/2023	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
8/14/2023		<0.01						<0.01
8/15/2023	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	
2/19/2024		<0.01						
2/20/2024	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
8/11/2024	<0.01	<0.01			<0.01	<0.01	<0.01	
8/12/2024			<0.01	<0.01				<0.01
2/11/2025	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	
2/12/2025			<0.01					<0.01

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)	GWC-5	GWC-6	GWC-7	GWC-8
3/6/2007	<0.02	<0.02	<0.02	<0.02					
3/7/2007					<0.02	0.0064	<0.02		
5/8/2007	<0.02	<0.02	<0.02	<0.02	0.0025	<0.01			
5/9/2007							<0.02	45 (O)	0.0038
7/6/2007						<0.01		16 (O)	<0.02
7/7/2007	<0.02	<0.02							
7/17/2007			0.0033	<0.02	0.0047		<0.02		
8/28/2007	<0.02	0.0026	<0.02	0.0026	0.0033	0.0025	<0.02	11 (O)	<0.02
11/6/2007	<0.02	<0.02	<0.02	<0.02		<0.01	<0.02	8.3	<0.02
11/7/2007					<0.02				
3/31/2008								5.6	0.045
5/8/2008			0.0033	0.0037		<0.01	<0.02	5	<0.02
5/9/2008	<0.02	<0.02			<0.02				
12/2/2008					<0.02			3.2	<0.02
12/3/2008	<0.02	<0.02	0.0054	0.003		<0.01	<0.02		
4/7/2009	0.0028	<0.02	<0.02	0.0045		0.0025	<0.02		
4/8/2009					<0.02			2.4	<0.02
9/30/2009									<0.02
10/1/2009	<0.02	<0.02			<0.02	<0.01	<0.02	1.9	
10/2/2009			<0.02	0.0027					
4/13/2010		<0.02					<0.02	1.9	<0.02
4/14/2010	<0.02		0.003	<0.02	<0.02	<0.01			
10/6/2010							<0.02		
10/7/2010		<0.02						1.6	
10/13/2010	<0.02				<0.02				<0.02
10/14/2010			<0.02	0.0041		<0.01			
4/5/2011			<0.02	<0.02		0.0025	<0.02	1.1	<0.02
4/6/2011	<0.02	<0.02			<0.02				
10/4/2011					<0.02		<0.02	1.1	<0.02
10/6/2011		<0.02							
10/10/2011	<0.02								
10/12/2011			<0.02	0.0033		0.0037			
4/3/2012	<0.02	<0.02					<0.02	0.75	<0.02
4/4/2012			<0.02	<0.02		<0.01			
4/10/2012					<0.02				
9/18/2012							<0.02	0.88	
9/19/2012		<0.02							<0.02
9/24/2012	<0.02			0.0039		<0.01			
9/26/2012			<0.02		<0.02				
3/12/2013	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	0.23	<0.02
9/9/2013		<0.02					<0.02		
9/10/2013			<0.02	0.0035	<0.02	<0.01		0.36	<0.02
9/11/2013	<0.02								
3/4/2014	0.0026	0.0035			<0.02				
3/5/2014						0.0028	0.0026	0.33	0.0028
3/11/2014			0.0037	0.0045					
9/3/2014	0.001 (J)	0.0015 (J)			0.00074 (J)				
9/8/2014			0.00087 (J)	0.0026			0.00055 (J)	0.47	
9/9/2014						0.00058 (J)			0.0014 (J)
4/21/2015	<0.02		0.002 (J)	0.0028	<0.02	0.0043		0.27	
4/22/2015		<0.02					<0.02		<0.02
9/29/2015			0.0021 (J)	0.008 (J)	0.0024 (J)	0.0031 (J)	0.0026 (J)	0.359	0.0016 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/10/2025 3:22 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)	GWC-5	GWC-6	GWC-7	GWC-8
9/30/2015	<0.02	0.0026 (J)							
3/22/2016	<0.02	<0.02	<0.02	<0.02	<0.02				
3/23/2016						0.00272 (J)	<0.02	0.102	<0.02
9/7/2016	0.0047 (J)	0.0024 (J)	0.0034 (J)	0.0035 (J)	0.0023 (J)	<0.01	0.0024 (J)	0.24	
9/8/2016									<0.02
3/23/2017	<0.02	<0.02	0.0031 (J)			0.0026 (J)	0.0035 (J)		
3/24/2017				0.0095 (J)	0.0068 (J)			0.0512	0.0031 (J)
10/4/2017	<0.02	0.0017 (J)	<0.02	0.0031 (J)		<0.01	<0.02	0.159	
10/5/2017					<0.02				<0.02
3/14/2018	0.0032 (J)	0.0023 (J)							0.0053 (J)
3/15/2018			0.0028 (J)	0.0041 (J)	0.0042 (J)			0.12	
3/16/2018						<0.01	0.0029 (J)		
10/4/2018	0.003 (J)	0.0041 (J)	0.0043 (J)	0.0058 (J)	0.0046 (J)	0.0028 (J)	0.0039 (J)	0.22	0.0031 (J)
4/5/2019			0.0013 (J)						
4/8/2019	<0.02	0.0014 (J)		0.0023 (J)	0.0024 (J)		0.0013 (J)	0.051	0.0012 (J)
4/9/2019						<0.01			
9/30/2019	0.0032 (J)	0.0043 (J)	0.0045 (J)	0.0059 (J)	0.004 (J)				
10/1/2019						0.0053 (J)	0.0056 (J)	0.12	0.0055 (J)
3/26/2020	<0.02	<0.02	<0.02	<0.02	<0.02				
3/27/2020									<0.02
3/30/2020								0.051	
3/31/2020						<0.01	<0.02		
9/21/2020		<0.02							
9/22/2020					<0.02				
9/23/2020	0.0025 (J)		<0.02	0.0025 (J)					
9/24/2020								0.07	<0.02
9/25/2020						<0.01	<0.02		
3/8/2021	<0.02		<0.02	0.0034 (J)	<0.02				
3/9/2021		<0.02				<0.01	<0.02	0.057	<0.02
8/9/2021	<0.02	<0.02	<0.02	<0.02					
8/10/2021					<0.02	<0.01	<0.02	0.093	<0.02
2/4/2022	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	0.07	<0.02
8/8/2022	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02		
8/9/2022						<0.01			<0.02
8/10/2022								0.082	
1/30/2023	<0.02	<0.02	<0.02	<0.02	<0.02				
1/31/2023						<0.01	<0.02	0.19	<0.02
8/14/2023	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02		
8/15/2023						<0.01		0.2	<0.02
2/19/2024	<0.02	<0.02	0.0025 (J)	<0.02	<0.02				
2/20/2024						<0.01			
2/21/2024							<0.02	0.27	<0.02
8/10/2024		<0.02							
8/11/2024	<0.02		0.0026 (J)	<0.02	<0.02			0.16	<0.02
8/12/2024						<0.01	<0.02		
2/11/2025	<0.02	<0.02	<0.02	<0.02	<0.02	0.0029 (J)			
2/12/2025							<0.02	0.22	<0.02

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/10/2025 3:23 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23
3/6/2007				<0.02		<0.01	<0.02	0.0054
3/7/2007	<0.02	<0.02	<0.02		<0.02			
5/8/2007	0.0027	<0.02						
5/9/2007			0.0026	0.0025	<0.02	<0.01	0.0035	0.0041
7/6/2007	0.0032							
7/17/2007		0.0069	0.0043	0.0035	<0.02	0.0031	<0.02	0.005
8/28/2007	0.0026	<0.02	<0.02	<0.02				
8/29/2007					<0.02	0.0056	<0.02	0.0044
11/6/2007	<0.02							
11/7/2007		<0.02	<0.02	<0.02	<0.02	0.0059	<0.02	<0.01
3/31/2008						0.0043		0.0036
5/7/2008			<0.02	<0.02	<0.02	0.0059	<0.02	<0.01
5/8/2008	<0.02							
5/9/2008		<0.02						
12/2/2008	<0.02	<0.02						
12/3/2008			<0.02					
12/4/2008				<0.02				
12/5/2008					<0.02	<0.01	<0.02	<0.01
4/8/2009	<0.02	<0.02						
4/14/2009			<0.02	<0.02	<0.02		<0.02	<0.01
4/27/2009						0.0051		
9/30/2009	<0.02				<0.02	0.0066	<0.02	
10/1/2009		<0.02	<0.02					<0.01
10/2/2009				<0.02				
4/13/2010	<0.02		<0.02	0.0043	<0.02	0.0041	<0.02	
4/14/2010		<0.02						<0.01
10/12/2010			<0.02	<0.02	<0.02	0.004	<0.02	
10/13/2010	<0.02	<0.02						<0.01
4/5/2011	<0.02							
4/6/2011		<0.02	<0.02	<0.02			<0.02	<0.01
10/4/2011	<0.02	<0.02						
10/5/2011						0.0043	<0.02	
10/12/2011			<0.02	<0.02	<0.02			<0.01
4/4/2012	<0.02							
4/5/2012			<0.02	<0.02				
4/9/2012					<0.02		<0.02	<0.01
4/10/2012		<0.02				0.0108		
9/19/2012	<0.02		<0.02					<0.01
9/25/2012				<0.02	<0.02		<0.02	
9/26/2012		<0.02				0.0066		
3/12/2013	<0.02	<0.02						
3/13/2013			<0.02	<0.02	<0.02	0.0035	<0.02	<0.01
9/10/2013	<0.02	<0.02	<0.02					<0.01
9/11/2013				<0.02	<0.02	0.005	<0.02	
3/4/2014		0.0026						
3/5/2014	0.0029							
3/10/2014			0.0022 (J)	0.0031	0.0024 (J)			
3/11/2014						0.005	0.0037	0.0033
9/3/2014	0.0011 (J)	0.00079 (J)	0.0013 (J)					0.0014 (J)
9/9/2014				0.00098 (J)	0.00078 (J)	0.0041	0.0006 (J)	
4/21/2015	<0.02	<0.02						
4/22/2015			0.0019 (J)	0.0015 (J)				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/10/2025 3:23 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23
4/23/2015					<0.02		<0.02	0.0024 (J)
9/29/2015	0.0034 (J)							
9/30/2015		0.0018 (J)	0.0037 (J)	0.002 (J)	0.0016 (J)	0.0031 (J)	0.0021 (J)	0.0041 (J)
3/23/2016	<0.02	<0.02			<0.02		<0.02	<0.01
3/24/2016			<0.02	<0.02		0.00393 (J)		
9/7/2016		<0.02						
9/8/2016	<0.02		0.0024 (J)	0.0029 (J)	<0.02	0.0047 (J)	<0.02	<0.01
3/27/2017	0.0014 (J)	0.0014 (J)	<0.02	0.0019 (J)	0.0017 (J)	0.0036 (J)	<0.02	0.0014 (J)
10/5/2017	0.0013 (J)	<0.02	<0.02	0.0024 (J)	0.0016 (J)	0.0065 (J)	<0.02	0.0014 (J)
3/15/2018	<0.02	<0.02		<0.02		0.0053 (J)	<0.02	0.0039 (J)
3/16/2018			<0.02		<0.02			
10/4/2018		0.0033 (J)		0.013		0.0077 (J)	0.003 (J)	
10/5/2018	0.0044 (J)		0.0029 (J)		<0.02			0.0048 (J)
4/8/2019	0.0016 (J)							0.0016 (J)
4/9/2019		<0.02	0.0037 (J)	<0.02	<0.02	0.0041 (J)	<0.02	
10/1/2019	0.0052 (J)	0.0049 (J)	0.006 (J)	0.0049 (J)	0.0063 (J)	0.0078 (J)	0.0054 (J)	0.0057 (J)
3/26/2020								<0.01
3/27/2020	<0.02	<0.02						
3/30/2020			<0.02					
3/31/2020				<0.02	<0.02	<0.01	<0.02	
9/23/2020					<0.02		<0.02	0.0022 (J)
9/24/2020	<0.02		<0.02			0.0046 (J)		
9/25/2020		<0.02						
9/28/2020				0.0033 (J)				
3/9/2021	<0.02	<0.02	<0.02			0.0033 (J)	<0.02	<0.01
3/10/2021				<0.02	<0.02			
8/10/2021	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.01
2/4/2022	<0.02	<0.02	<0.02					
2/7/2022				<0.02	<0.02	<0.01	<0.02	<0.01
8/8/2022								<0.01
8/9/2022	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	
1/30/2023		<0.02						
1/31/2023	<0.02		<0.02	<0.02	<0.02	<0.01	<0.02	<0.01
8/14/2023		<0.02						<0.01
8/15/2023	<0.02		<0.02	<0.02	<0.02	<0.01	<0.02	
2/19/2024		<0.02						
2/20/2024	<0.02		<0.02	<0.02	<0.02	0.0068 (J)	<0.02	<0.01
8/11/2024	<0.02	<0.02			<0.02	0.0048 (J)	<0.02	
8/12/2024			<0.02	<0.02				<0.01
2/11/2025	<0.02	<0.02		<0.02	<0.02	0.0058 (J)	<0.02	
2/12/2025			<0.02					0.0029 (J)

ND substitution: RL or RL/2 if <15% NDs.

FIGURE B.

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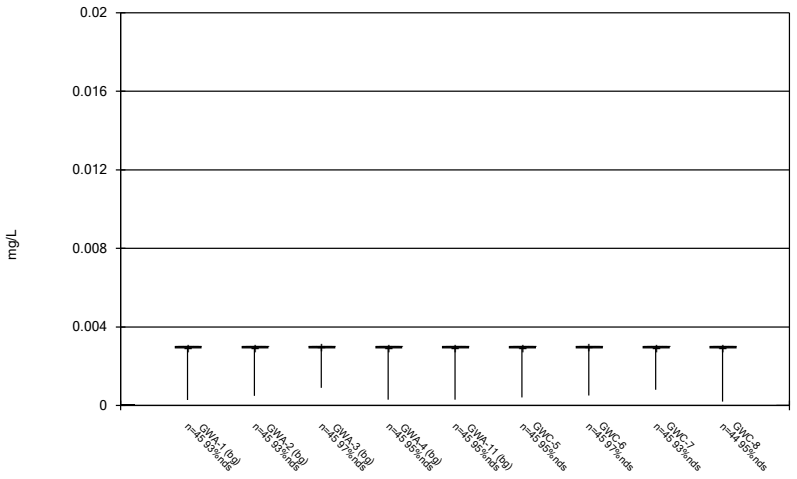
Box & Whiskers Plot

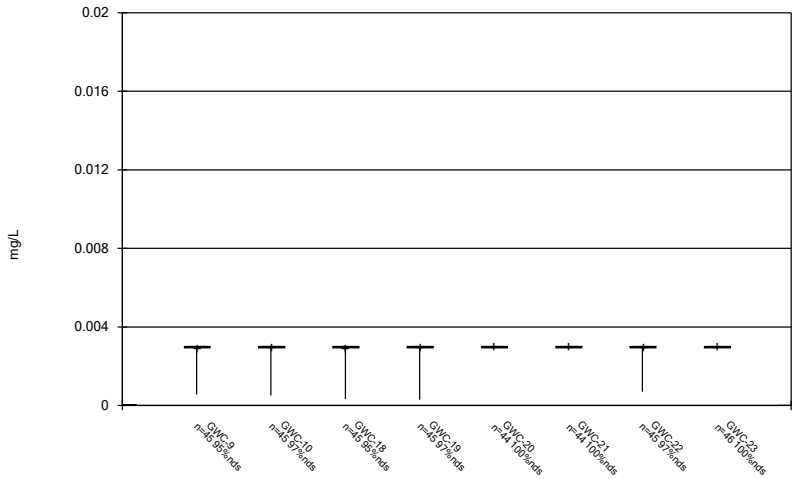


Constituent: Antimony Analysis Run 6/10/2025 3:16 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

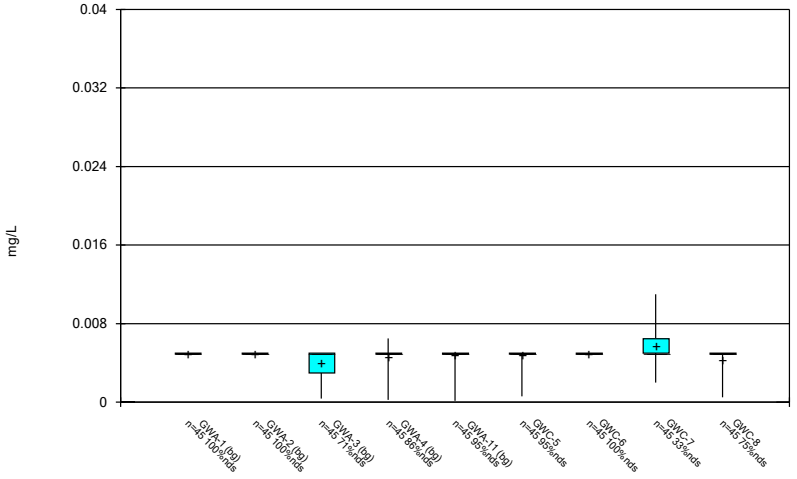


Constituent: Antimony Analysis Run 6/10/2025 3:16 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

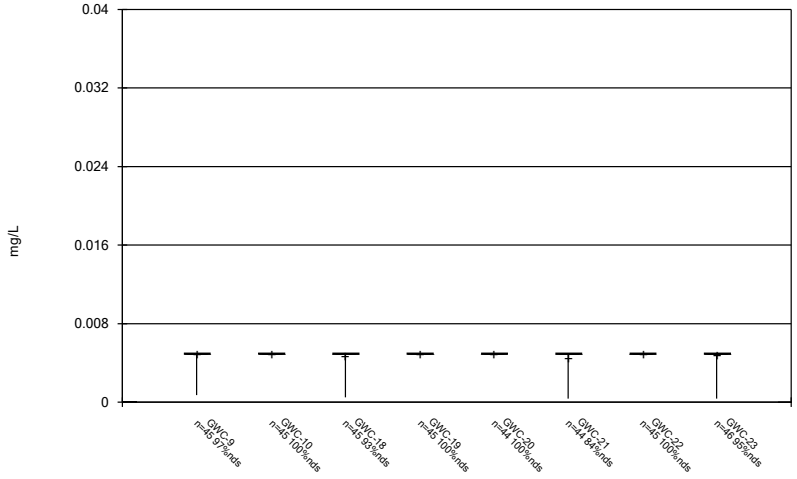


Constituent: Arsenic Analysis Run 6/10/2025 3:16 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

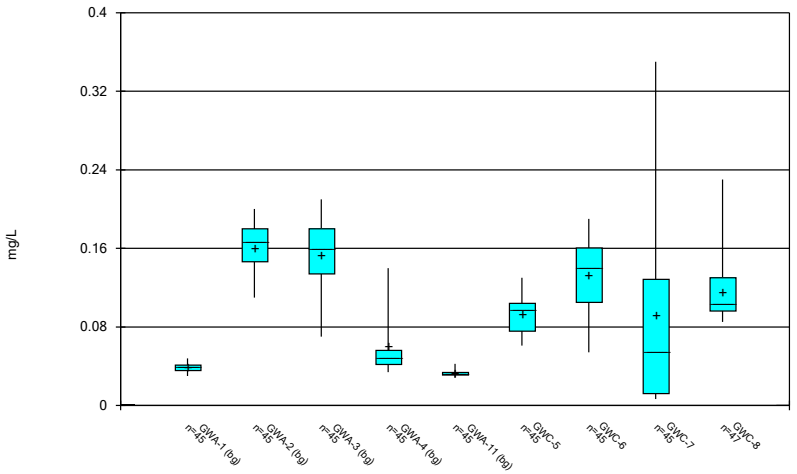


Constituent: Arsenic Analysis Run 6/10/2025 3:16 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

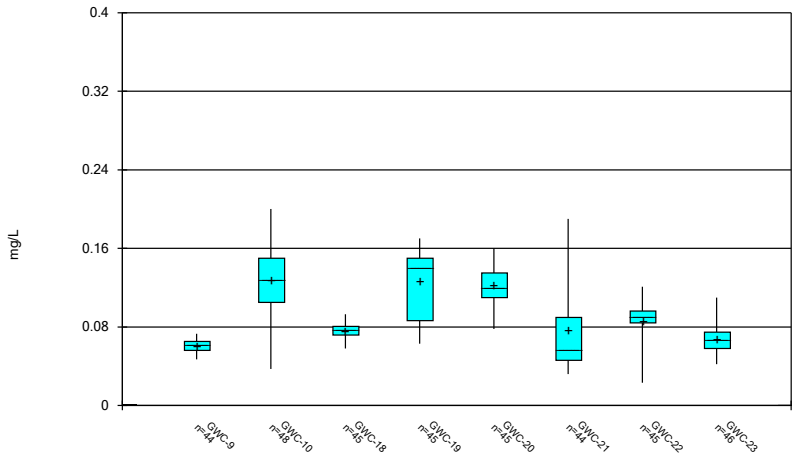


Constituent: Barium Analysis Run 6/10/2025 3:16 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

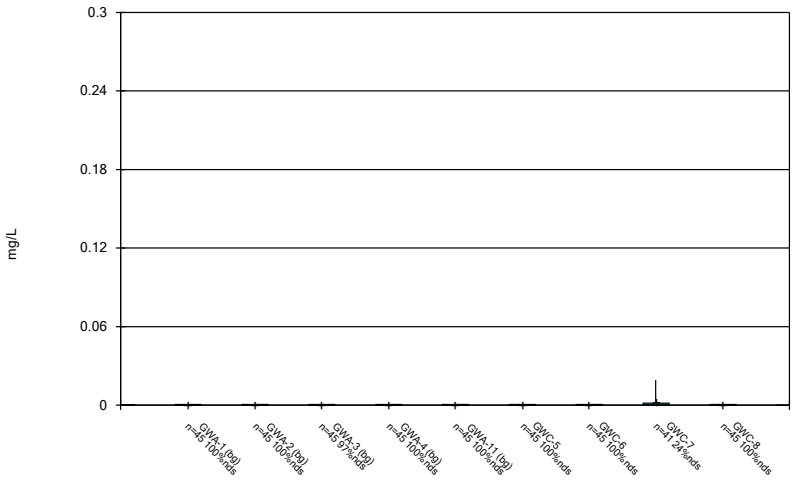


Constituent: Barium Analysis Run 6/10/2025 3:16 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Beryllium Analysis Run 6/10/2025 3:16 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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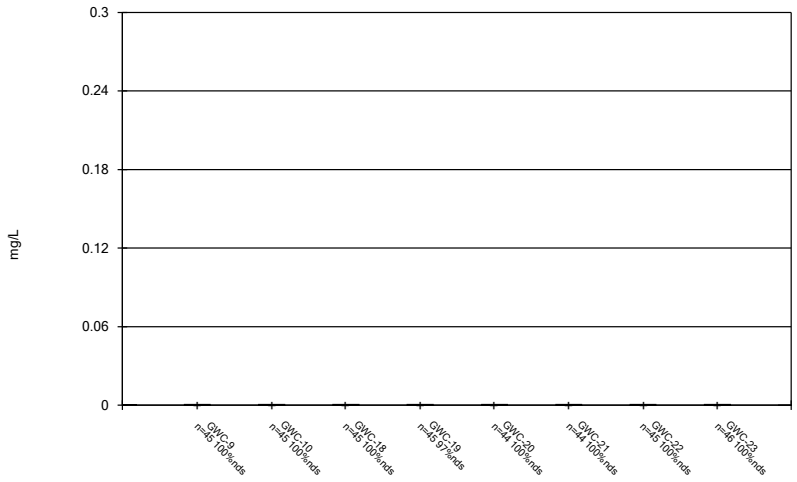
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 6/10/2025 3:16 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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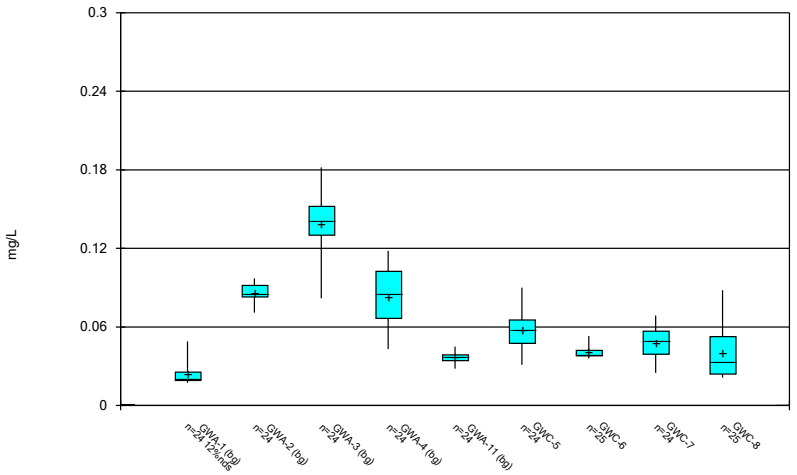
Box & Whiskers Plot



Constituent: Boron Analysis Run 6/10/2025 3:16 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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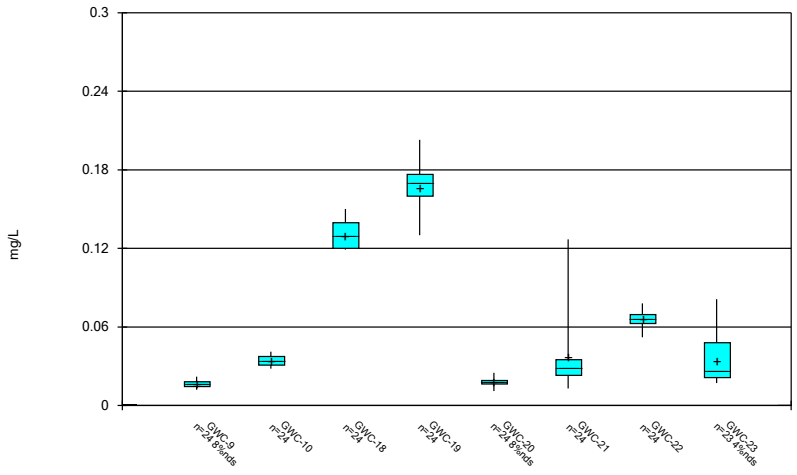
Box & Whiskers Plot



Constituent: Boron Analysis Run 6/10/2025 3:17 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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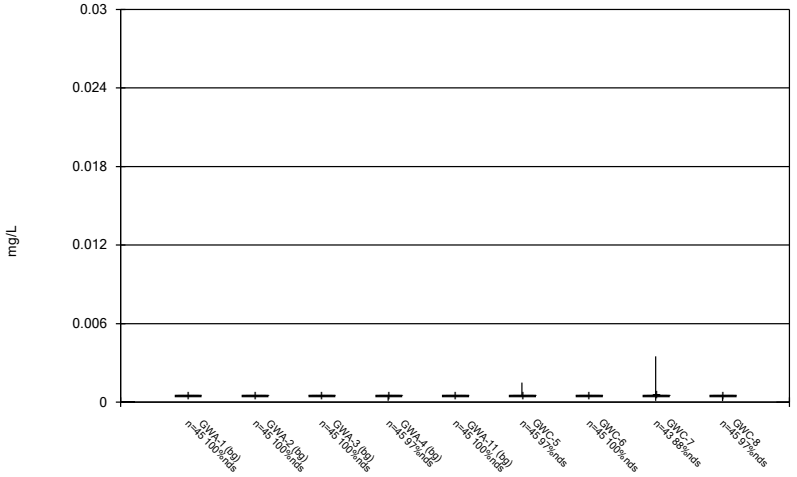
Box & Whiskers Plot



Constituent: Cadmium Analysis Run 6/10/2025 3:17 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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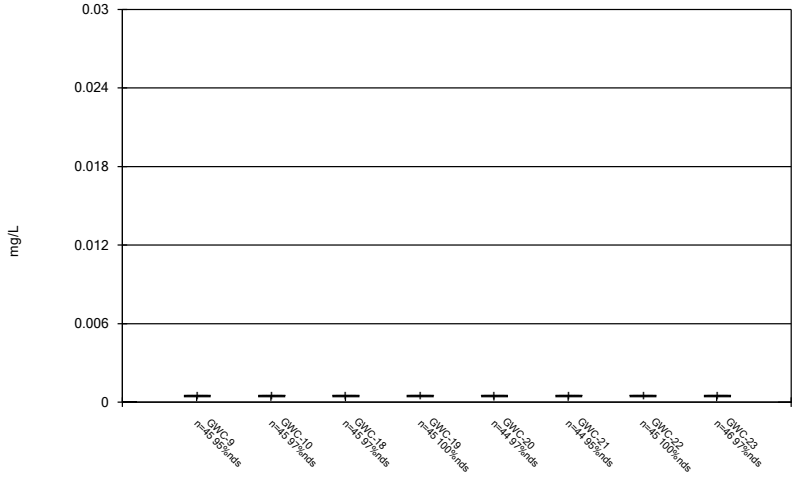
Box & Whiskers Plot



Constituent: Cadmium Analysis Run 6/10/2025 3:17 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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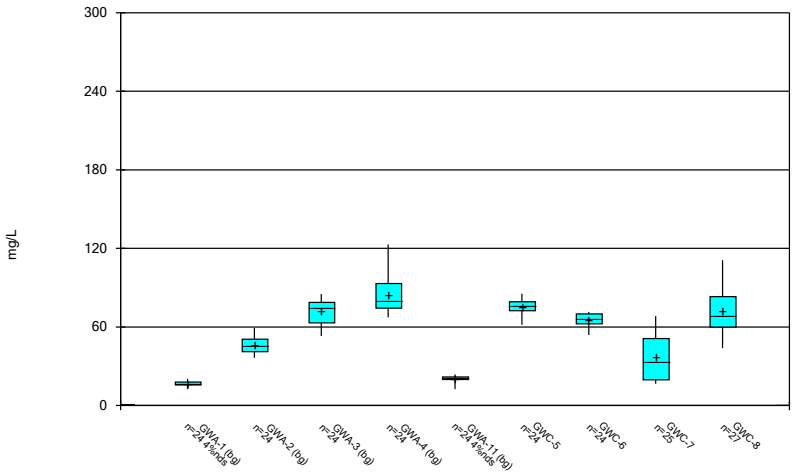
Box & Whiskers Plot



Constituent: Calcium Analysis Run 6/10/2025 3:17 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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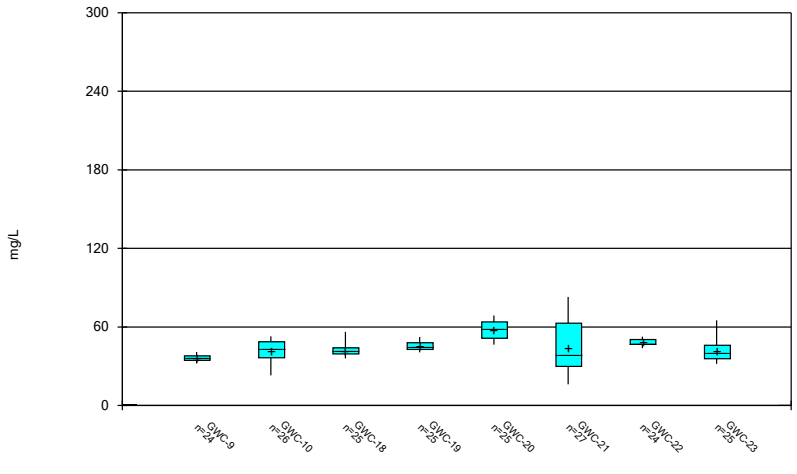
Box & Whiskers Plot



Constituent: Calcium Analysis Run 6/10/2025 3:17 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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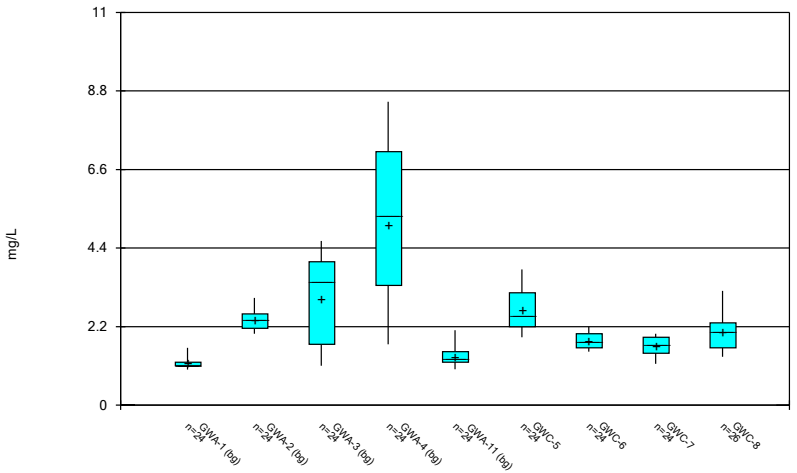
Box & Whiskers Plot



Constituent: Chloride Analysis Run 6/10/2025 3:17 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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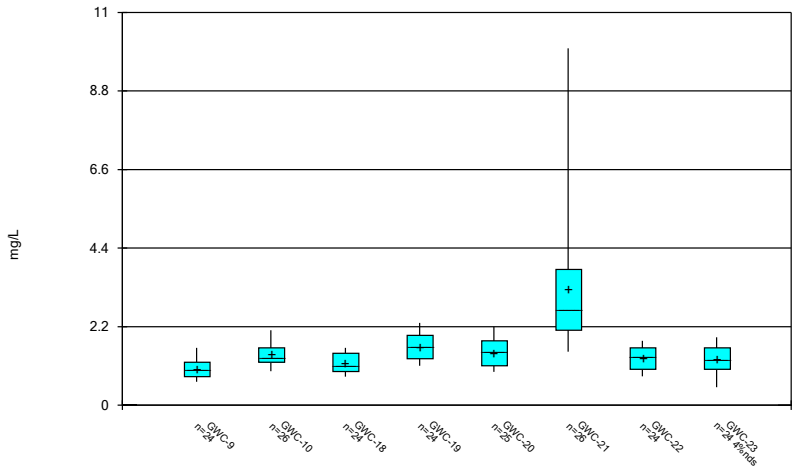
Box & Whiskers Plot



Constituent: Chloride Analysis Run 6/10/2025 3:17 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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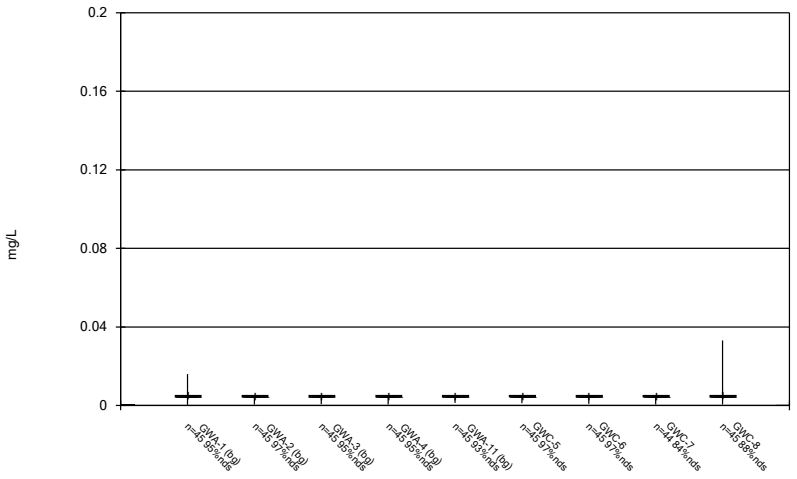
Box & Whiskers Plot



Constituent: Chromium Analysis Run 6/10/2025 3:17 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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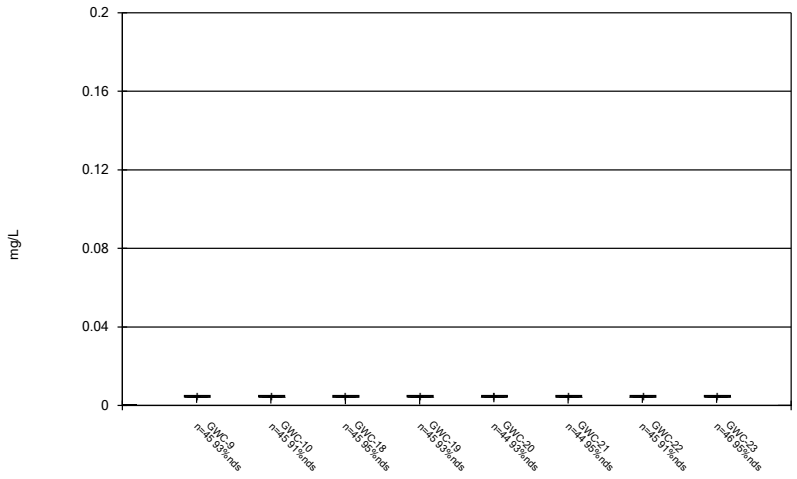
Box & Whiskers Plot



Constituent: Chromium Analysis Run 6/10/2025 3:17 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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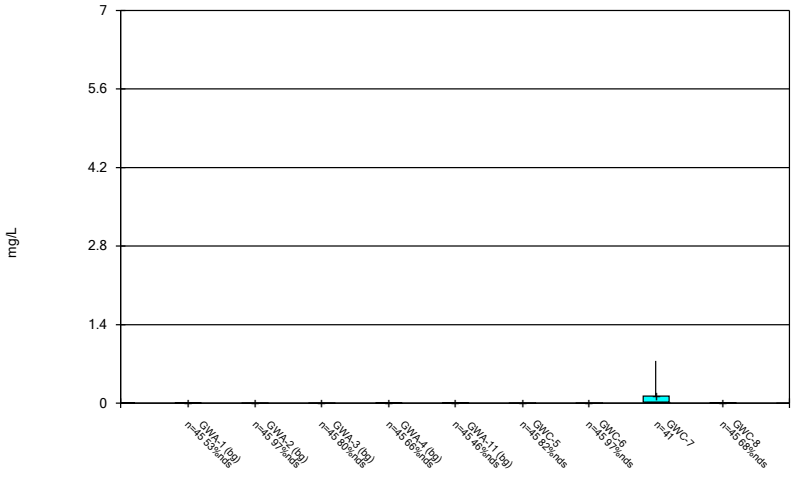
Box & Whiskers Plot



Constituent: Cobalt Analysis Run 6/10/2025 3:17 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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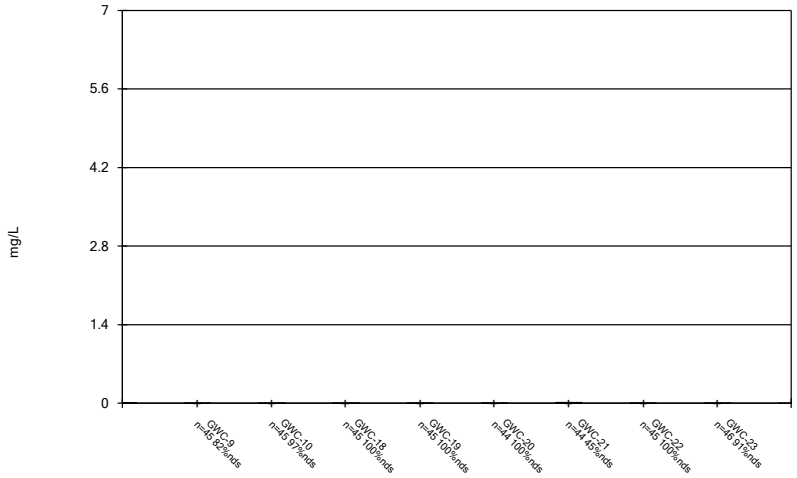
Box & Whiskers Plot



Constituent: Cobalt Analysis Run 6/10/2025 3:17 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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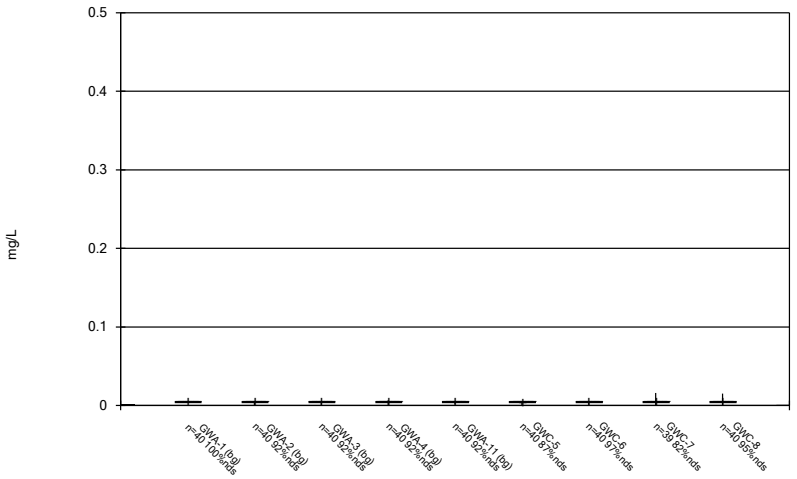
Box & Whiskers Plot



Constituent: Copper Analysis Run 6/10/2025 3:17 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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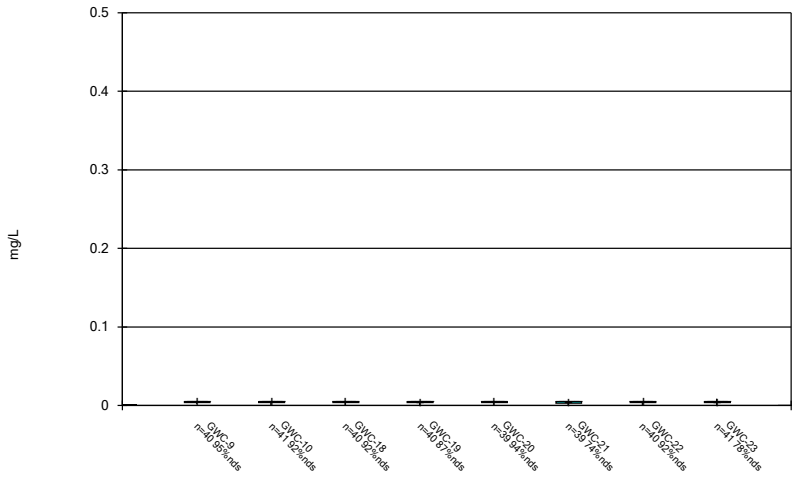
Box & Whiskers Plot



Constituent: Copper Analysis Run 6/10/2025 3:17 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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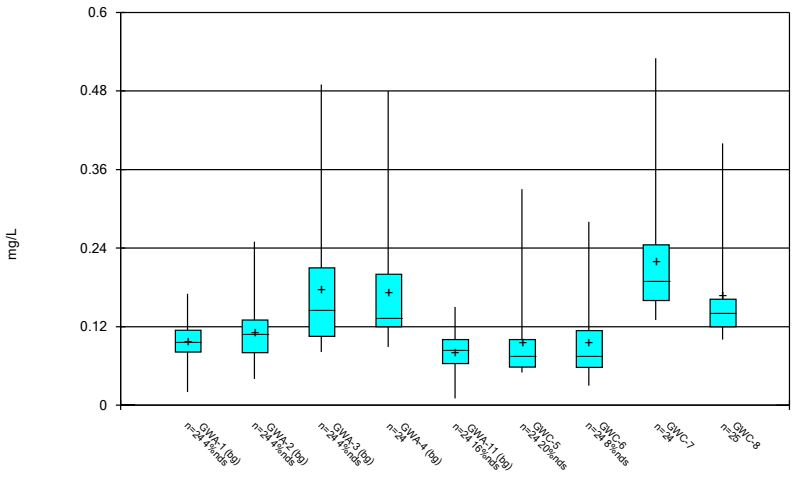
Box & Whiskers Plot



Constituent: Fluoride Analysis Run 6/10/2025 3:17 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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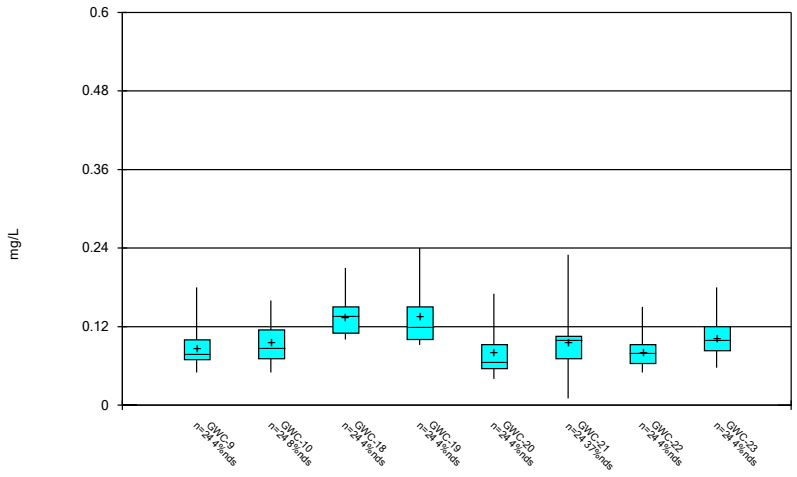
Box & Whiskers Plot



Constituent: Fluoride Analysis Run 6/10/2025 3:17 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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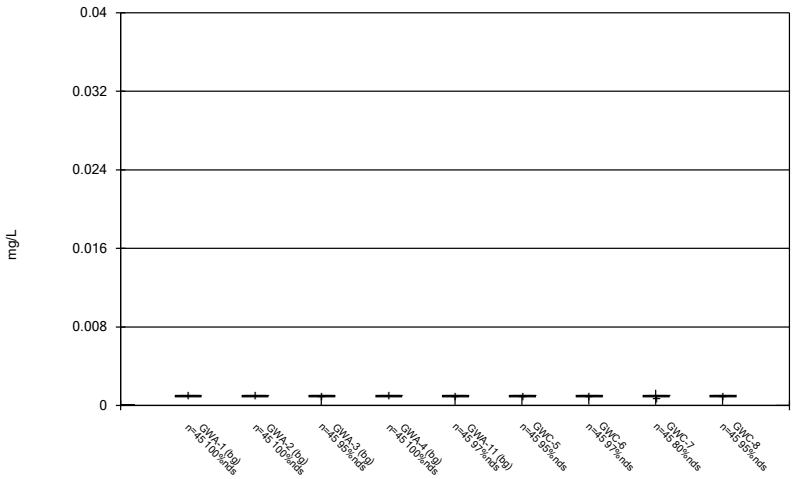
Box & Whiskers Plot



Constituent: Lead Analysis Run 6/10/2025 3:17 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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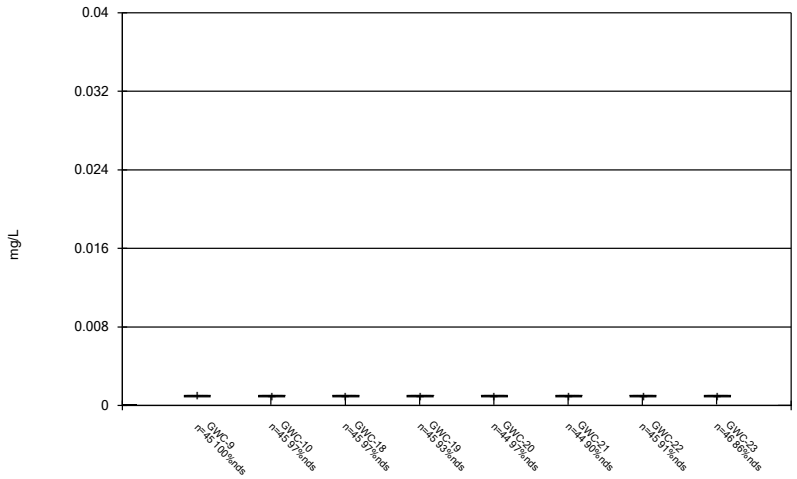
Box & Whiskers Plot



Constituent: Lead Analysis Run 6/10/2025 3:17 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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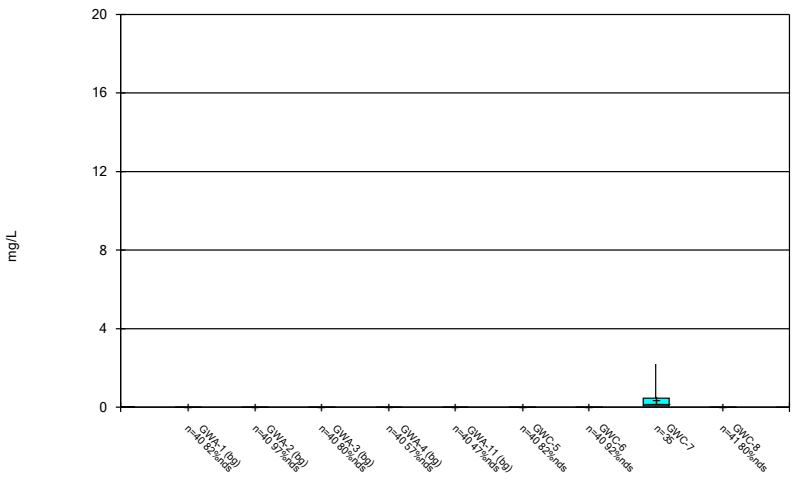
Box & Whiskers Plot

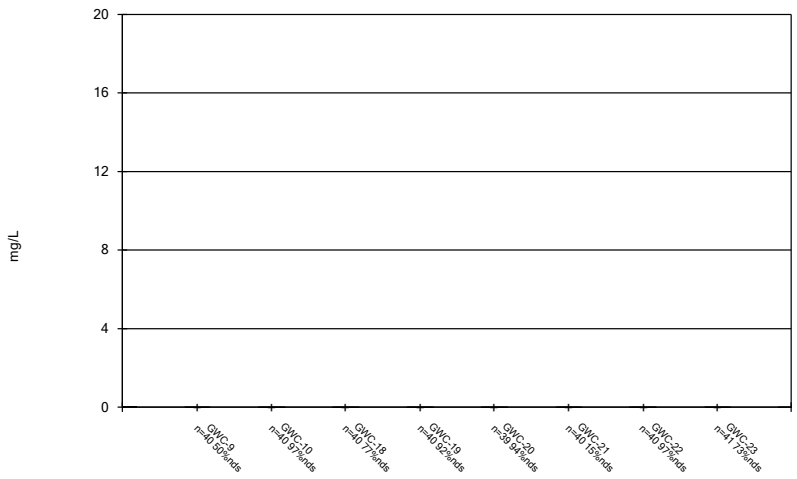


Constituent: Nickel Analysis Run 6/10/2025 3:17 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Nickel Analysis Run 6/10/2025 3:17 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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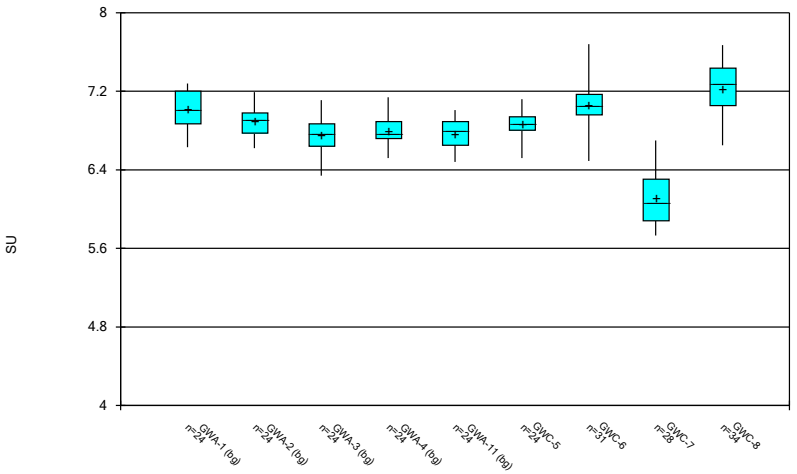
Box & Whiskers Plot



Constituent: pH, Field Analysis Run 6/10/2025 3:17 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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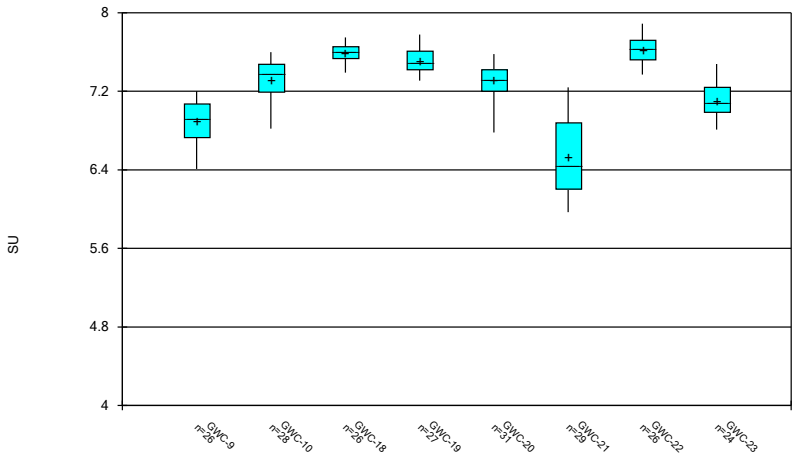
Box & Whiskers Plot



Constituent: pH, Field Analysis Run 6/10/2025 3:17 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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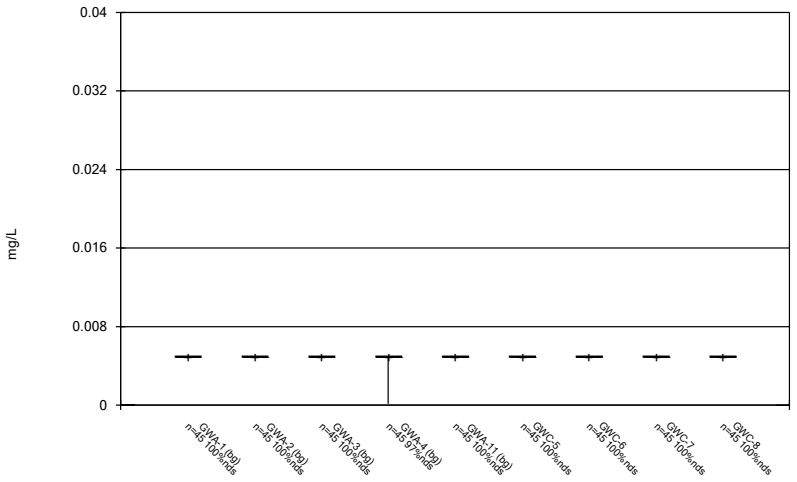
Box & Whiskers Plot



Constituent: Selenium Analysis Run 6/10/2025 3:17 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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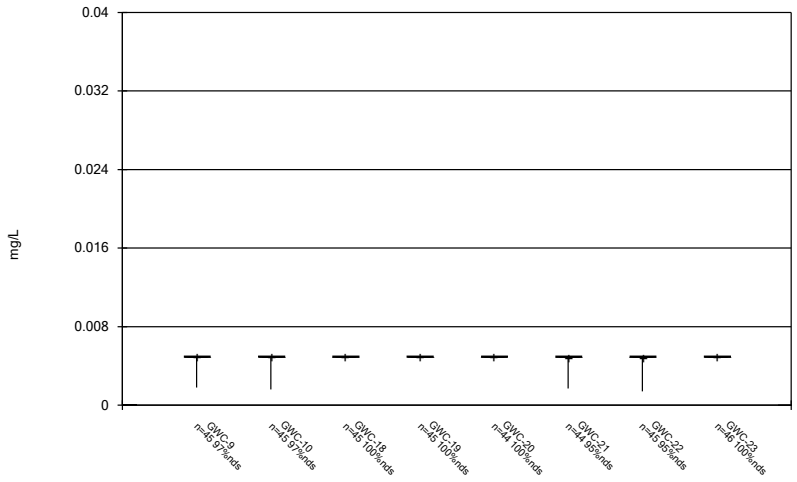
Box & Whiskers Plot



Constituent: Selenium Analysis Run 6/10/2025 3:17 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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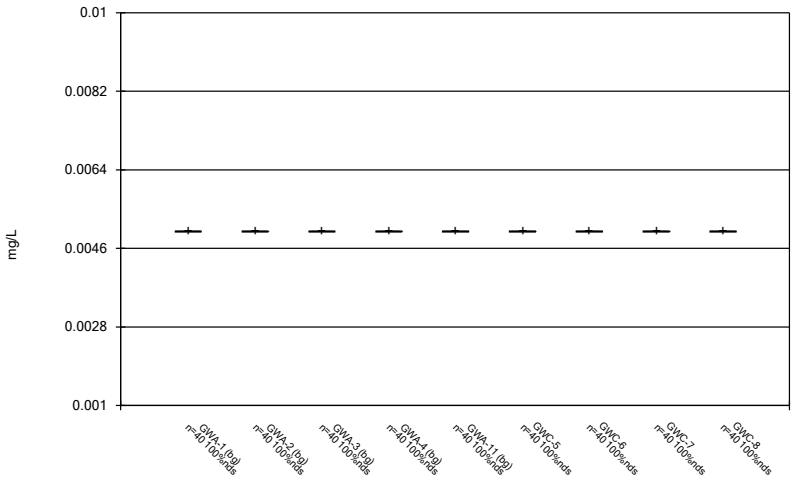
Box & Whiskers Plot



Constituent: Silver Analysis Run 6/10/2025 3:17 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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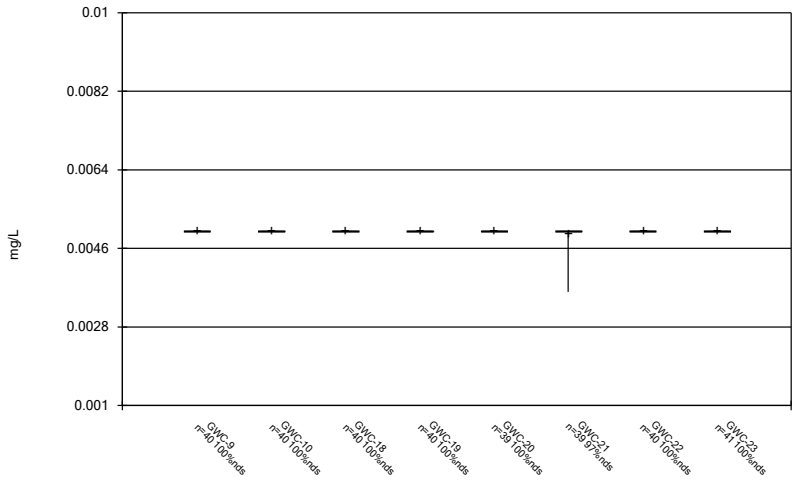
Box & Whiskers Plot



Constituent: Silver Analysis Run 6/10/2025 3:17 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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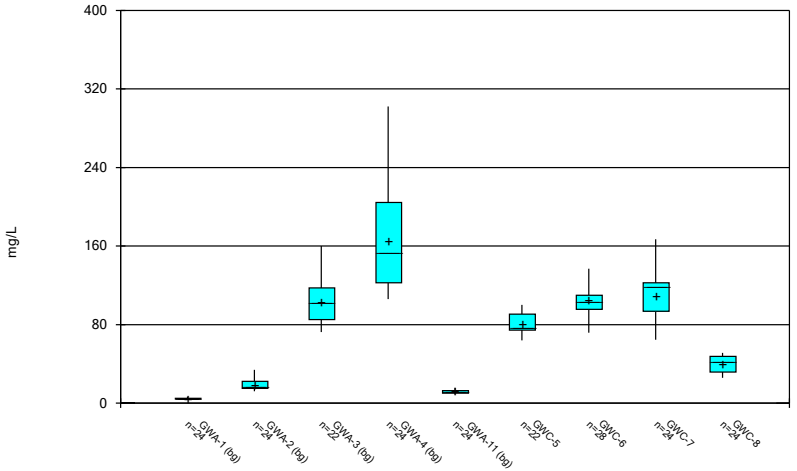
Box & Whiskers Plot



Constituent: Sulfate Analysis Run 6/10/2025 3:17 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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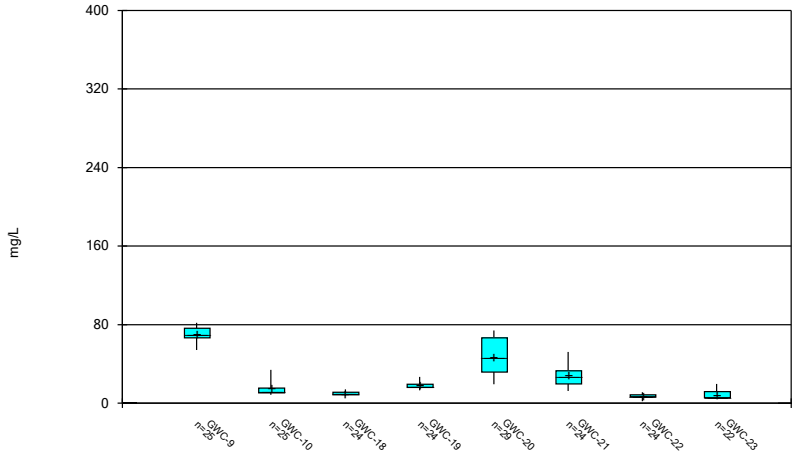
Box & Whiskers Plot



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Plant Hammond Client: Southern Company Data: Huffaker Road LF

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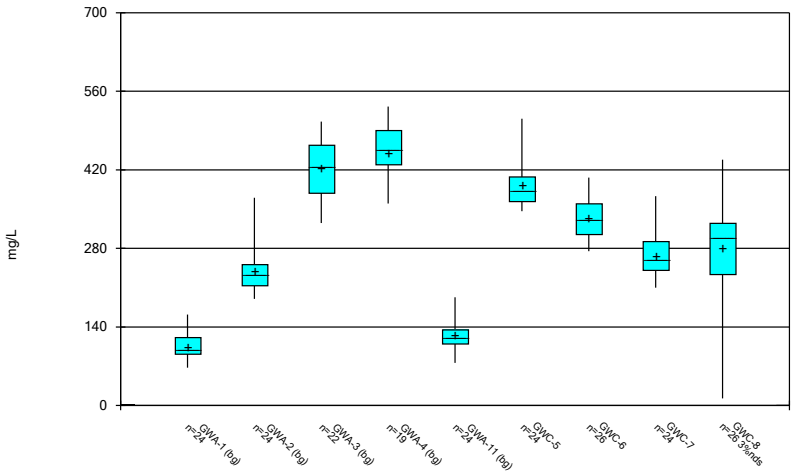
Box & Whiskers Plot



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Plant Hammond Client: Southern Company Data: Huffaker Road LF

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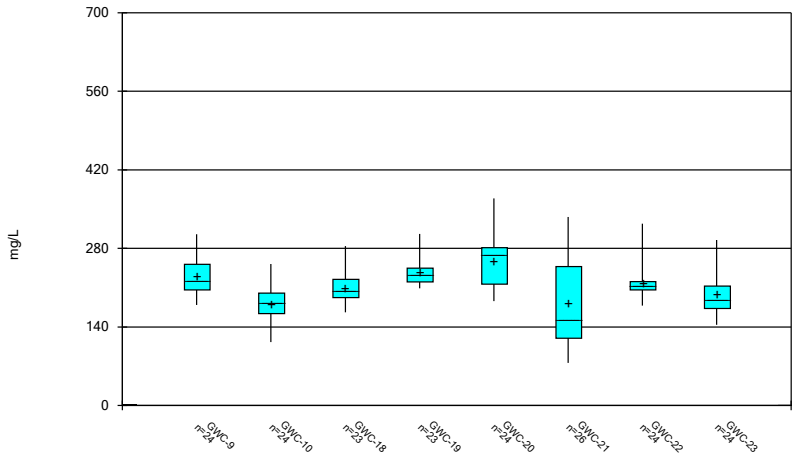
Box & Whiskers Plot



Constituent: TDS Analysis Run 6/10/2025 3:17 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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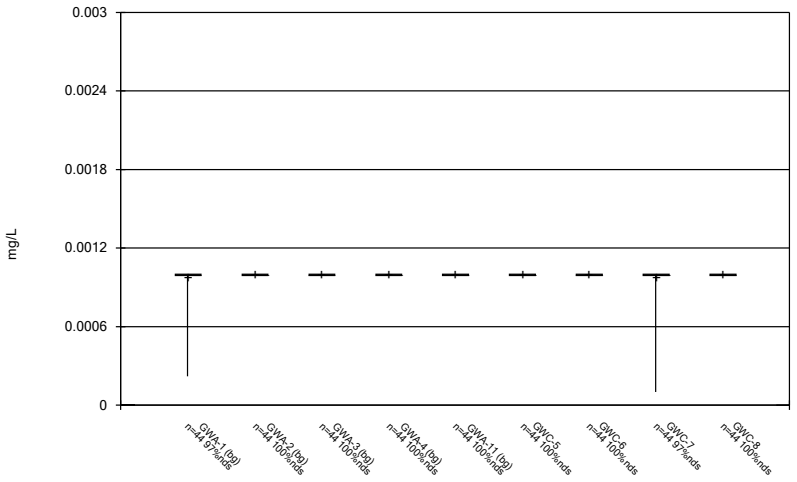
Box & Whiskers Plot



Constituent: Thallium Analysis Run 6/10/2025 3:17 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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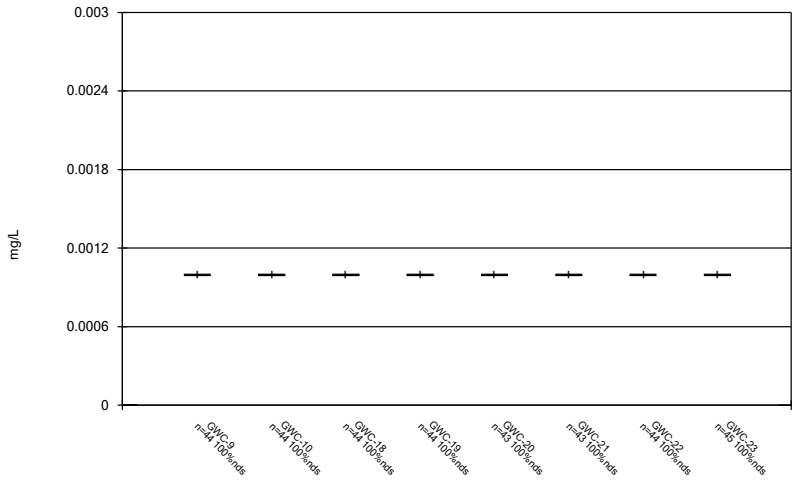
Box & Whiskers Plot



Constituent: Thallium Analysis Run 6/10/2025 3:17 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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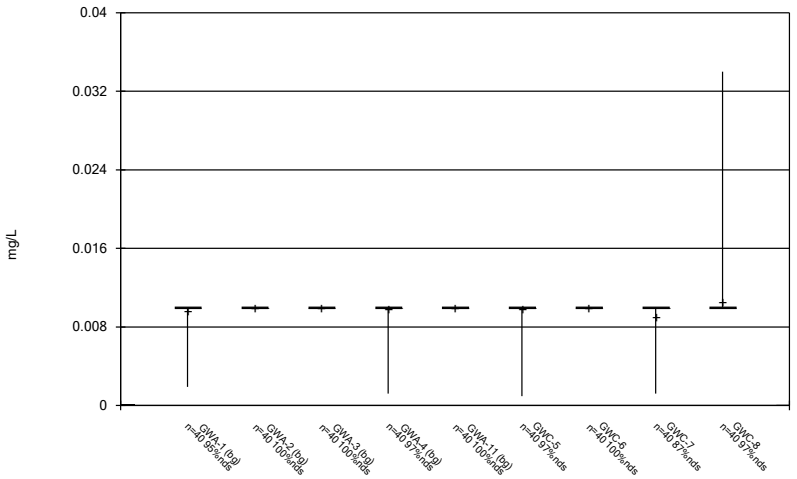
Box & Whiskers Plot



Constituent: Vanadium Analysis Run 6/10/2025 3:17 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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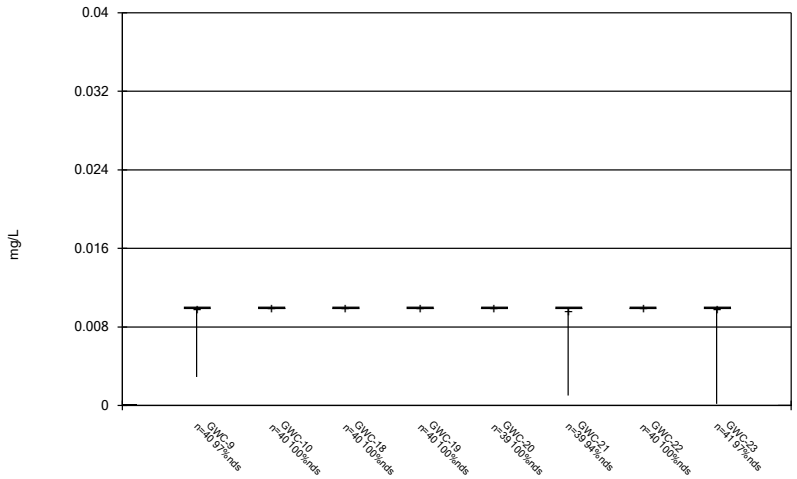
Box & Whiskers Plot



Constituent: Vanadium Analysis Run 6/10/2025 3:17 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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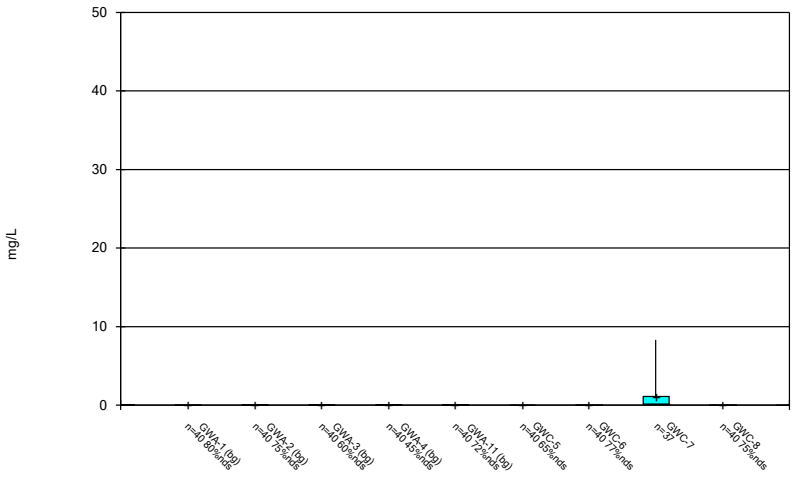
Box & Whiskers Plot

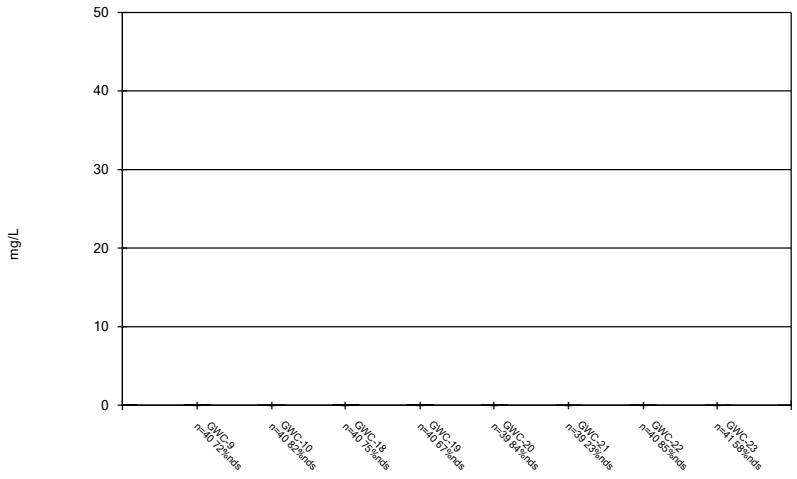


Constituent: Zinc Analysis Run 6/10/2025 3:17 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Zinc Analysis Run 6/10/2025 3:17 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

FIGURE C.

Outlier Summary

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 6/10/2025, 3:48 PM

	GWC-8 Antimony (mg/L)	GWC-7 Arsenic (mg/L)	GWC-8 Barium (mg/L)	GWC-9 Barium (mg/L)	GWC-7 Beryllium (mg/L)	GWC-6 Boron (mg/L)	GWC-23 Boron (mg/L)	GWC-7 Cadmium (mg/L)	GWC-8 Calcium (mg/L)	GWC-7 Chloride (mg/L)	GWC-20 Chloride (mg/L)	GWC-7 Chromium (mg/L)
5/9/2007		0.038 (O)			0.28 (O)			0.023 (O)				0.11 (O)
7/6/2007					0.093 (O)			0.0081 (O)				
8/28/2007					0.057 (O)							
11/6/2007	0.0064 (O)				0.036 (O)							
5/8/2008												
4/5/2011				0.035 (O)								
3/22/2016												
7/6/2016												
12/6/2016												
2/1/2017												
2/3/2017												
3/23/2017												
3/24/2017												
3/27/2017							0.125 (o)					
10/5/2017											5.5 (o)	
10/4/2018									264 (O)			
3/30/2020										9.2 (O)		
3/31/2020						0.091 (JO)						
8/10/2021			0.23 (O)									

	GWC-7 Cobalt (mg/L)	GWC-7 Copper (mg/L)	GWC-7 Nickel (mg/L)	GWA-3 Sulfate (mg/L)	GWC-5 Sulfate (mg/L)	GWC-23 Sulfate (mg/L)	GWA-3 TDS (mg/L)	GWA-4 TDS (mg/L)	GWC-18 TDS (mg/L)	GWC-19 TDS (mg/L)	GWC-7 Zinc (mg/L)
5/9/2007	6.5 (O)	0.44 (O)	18 (O)								45 (O)
7/6/2007	2.1 (O)		5.9 (O)								16 (O)
8/28/2007	1.4 (O)		3.9 (O)								11 (O)
11/6/2007	1.1 (O)		3.1 (O)								
5/8/2008			2.1 (O)								
4/5/2011											
3/22/2016								686 (O)			
7/6/2016								646 (O)			
12/6/2016				220 (O)			653 (O)	597 (O)			
2/1/2017				190 (O)	150 (O)		615 (O)	638 (O)			
2/3/2017						38 (o)					
3/23/2017					130 (O)						
3/24/2017								579 (O)			
3/27/2017						43 (o)			427 (o)	393 (o)	
10/5/2017											
10/4/2018											
3/30/2020											
3/31/2020											
8/10/2021											

FIGURE D.

Appendix I Intrawell Prediction Limits - All Results (No Significant)

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 4/24/2025, 10:23 AM

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	2/11/2025	0.003ND	No	42	n/a	n/a	92.86	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-2	0.003	n/a	2/11/2025	0.003ND	No	42	n/a	n/a	92.86	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-3	0.003	n/a	2/11/2025	0.003ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-4	0.003	n/a	2/11/2025	0.003ND	No	42	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-11	0.003	n/a	2/11/2025	0.003ND	No	42	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-5	0.003	n/a	2/11/2025	0.003ND	No	42	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-6	0.003	n/a	2/12/2025	0.003ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-7	0.003	n/a	2/12/2025	0.003ND	No	42	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-8	0.003	n/a	2/12/2025	0.003ND	No	41	n/a	n/a	95.12	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-9	0.003	n/a	2/11/2025	0.003ND	No	42	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-10	0.003	n/a	2/11/2025	0.003ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-18	0.003	n/a	2/12/2025	0.003ND	No	42	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-19	0.003	n/a	2/11/2025	0.003ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-22	0.003	n/a	2/11/2025	0.003ND	No	42	n/a	n/a	100	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-3	0.005	n/a	2/11/2025	0.005ND	No	42	n/a	n/a	71.43	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-4	0.0065	n/a	2/11/2025	0.005ND	No	42	n/a	n/a	88.1	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-11	0.005	n/a	2/11/2025	0.005ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-5	0.005	n/a	2/11/2025	0.005ND	No	42	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-7	0.011	n/a	2/12/2025	0.0063	No	42	n/a	n/a	35.71	n/a	n/a	0.001077	NP Intra (normality) 1 of 2
Arsenic (mg/L)	GWC-8	0.005	n/a	2/12/2025	0.005ND	No	42	n/a	n/a	73.81	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-9	0.005	n/a	2/11/2025	0.005ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-18	0.005	n/a	2/12/2025	0.005ND	No	42	n/a	n/a	92.86	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-21	0.005	n/a	2/11/2025	0.005ND	No	41	n/a	n/a	82.93	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-23	0.005	n/a	2/12/2025	0.005ND	No	43	n/a	n/a	95.35	n/a	n/a	0.001037	NP Intra (NDs) 1 of 2
Barium (mg/L)	GWA-1	0.04952	n/a	2/11/2025	0.033	No	42	0.03893	0.004587	0	None	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWA-2	0.2034	n/a	2/11/2025	0.2	No	33	0.1691	0.01447	0	None	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWA-3	0.238	n/a	2/11/2025	0.081	No	42	0.1579	0.03471	0	None	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWA-4	0.06004	n/a	2/11/2025	0.035	No	33	0.04531	0.006216	0	None	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWA-11	0.0425	n/a	2/11/2025	0.031	No	42	n/a	n/a	0	n/a	n/a	0.001077	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-5	0.1335	n/a	2/11/2025	0.073	No	42	0.09442	0.0169	0	None	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWC-6	0.2084	n/a	2/12/2025	0.14	No	33	0.1476	0.02565	0	None	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWC-7	0.4226	n/a	2/12/2025	0.04	No	29	0.3433	0.1271	0	None	sqrt(x)	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWC-8	0.23	n/a	2/12/2025	0.14	No	44	n/a	n/a	0	n/a	n/a	0.0009963	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-9	0.07353	n/a	2/11/2025	0.071	No	32	0.06198	0.004851	0	None	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWC-10	0.2006	n/a	2/11/2025	0.14	No	45	0.1287	0.03134	0	None	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWC-18	0.09142	n/a	2/12/2025	0.082	No	42	0.07482	0.007187	0	None	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWC-19	0.1695	n/a	2/11/2025	0.15	No	33	0.0004226	0.0001701	0	None	x^4	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWC-20	0.1591	n/a	2/11/2025	0.14	No	42	0.1206	0.01669	0	None	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWC-21	0.19	n/a	2/11/2025	0.054	No	41	n/a	n/a	0	n/a	n/a	0.001118	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-22	0.121	n/a	2/11/2025	0.091	No	33	n/a	n/a	0	n/a	n/a	0.001701	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-23	0.0969	n/a	2/12/2025	0.068	No	43	0.06665	0.01312	0	None	No	0.0002926	Param Intra 1 of 2
Beryllium (mg/L)	GWA-3	0.0005	n/a	2/11/2025	0.0005ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-7	0.00302	n/a	2/12/2025	0.00016J	No	31	-8.586	1.165	32.26	Kaplan-Meier	ln(x)	0.0002926	Param Intra 1 of 2
Beryllium (mg/L)	GWC-19	0.0005	n/a	2/11/2025	0.0005ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-4	0.0005	n/a	2/11/2025	0.0005ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-5	0.0015	n/a	2/11/2025	0.0005ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-7	0.0035	n/a	2/12/2025	0.0005ND	No	40	n/a	n/a	87.5	n/a	n/a	0.001159	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-8	0.0005	n/a	2/12/2025	0.0005ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-9	0.0005	n/a	2/11/2025	0.0005ND	No	42	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-10	0.0005	n/a	2/11/2025	0.0005ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-18	0.0005	n/a	2/12/2025	0.0005ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-20	0.0005	n/a	2/11/2025	0.0005ND	No	41	n/a	n/a	97.56	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-21	0.0005	n/a	2/11/2025	0.0005ND	No	41	n/a	n/a	95.12	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-23	0.0005	n/a	2/12/2025	0.0005ND	No	43	n/a	n/a	97.67	n/a	n/a	0.001037	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-1	0.016	n/a	2/11/2025	0.005ND	No	42	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results (No Significant)

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 4/24/2025, 10:23 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chromium (mg/L)	GWA-2	0.005	n/a	2/11/2025	0.005ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-3	0.005	n/a	2/11/2025	0.005ND	No	42	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-4	0.005	n/a	2/11/2025	0.005ND	No	42	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-11	0.005	n/a	2/11/2025	0.005ND	No	42	n/a	n/a	92.86	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-5	0.005	n/a	2/11/2025	0.005ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-6	0.005	n/a	2/12/2025	0.005ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-7	0.005	n/a	2/12/2025	0.005ND	No	41	n/a	n/a	82.93	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-8	0.033	n/a	2/12/2025	0.005ND	No	42	n/a	n/a	88.1	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-9	0.005	n/a	2/11/2025	0.005ND	No	42	n/a	n/a	92.86	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-10	0.005	n/a	2/11/2025	0.005ND	No	42	n/a	n/a	90.48	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-18	0.005	n/a	2/12/2025	0.005ND	No	42	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-19	0.005	n/a	2/11/2025	0.005ND	No	42	n/a	n/a	92.86	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-20	0.0064	n/a	2/11/2025	0.005ND	No	41	n/a	n/a	92.68	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-21	0.005	n/a	2/11/2025	0.005ND	No	41	n/a	n/a	95.12	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-22	0.005	n/a	2/11/2025	0.005ND	No	42	n/a	n/a	90.48	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-23	0.0051	n/a	2/12/2025	0.005ND	No	43	n/a	n/a	95.35	n/a	n/a	0.001037	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-1	0.005	n/a	2/11/2025	0.005ND	No	42	n/a	n/a	54.76	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-2	0.005	n/a	2/11/2025	0.005ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-3	0.005	n/a	2/11/2025	0.005ND	No	42	n/a	n/a	83.33	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-4	0.005	n/a	2/11/2025	0.005ND	No	42	n/a	n/a	64.29	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-11	0.005	n/a	2/11/2025	0.005ND	No	42	n/a	n/a	47.62	n/a	n/a	0.001077	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWC-5	0.005	n/a	2/11/2025	0.005ND	No	42	n/a	n/a	85.71	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-6	0.005	n/a	2/12/2025	0.005ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-7	0.07801	n/a	2/12/2025	0.03	No	27	0.1553	0.05079	0	None	sqrt(x)	0.0002926	Param Intra 1 of 2
Cobalt (mg/L)	GWC-8	0.0079	n/a	2/12/2025	0.005ND	No	42	n/a	n/a	71.43	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-9	0.005	n/a	2/11/2025	0.005ND	No	42	n/a	n/a	85.71	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-10	0.005	n/a	2/11/2025	0.005ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-21	0.01	n/a	2/11/2025	0.0026J	No	41	n/a	n/a	48.78	n/a	n/a	0.001118	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWC-23	0.005	n/a	2/12/2025	0.005ND	No	43	n/a	n/a	90.7	n/a	n/a	0.001037	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-2	0.005	n/a	2/11/2025	0.005ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-3	0.005	n/a	2/11/2025	0.005ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-4	0.0066	n/a	2/11/2025	0.005ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-11	0.005	n/a	2/11/2025	0.005ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-5	0.005	n/a	2/11/2025	0.005ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-6	0.005	n/a	2/12/2025	0.005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-7	0.016	n/a	2/12/2025	0.005ND	No	36	n/a	n/a	80.56	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-8	0.015	n/a	2/12/2025	0.005ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-9	0.005	n/a	2/11/2025	0.005ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-10	0.005	n/a	2/11/2025	0.005ND	No	38	n/a	n/a	92.11	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-18	0.005	n/a	2/12/2025	0.005ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-19	0.005	n/a	2/11/2025	0.005ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-20	0.005	n/a	2/11/2025	0.005ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-21	0.005	n/a	2/11/2025	0.005ND	No	36	n/a	n/a	75	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-22	0.005	n/a	2/11/2025	0.005ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-23	0.0084	n/a	2/12/2025	0.005ND	No	38	n/a	n/a	76.32	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-3	0.001	n/a	2/11/2025	0.001ND	No	42	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-11	0.001	n/a	2/11/2025	0.001ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-5	0.001	n/a	2/11/2025	0.001ND	No	42	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-6	0.001	n/a	2/12/2025	0.001ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-7	0.0016	n/a	2/12/2025	0.001ND	No	42	n/a	n/a	78.57	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-8	0.001	n/a	2/12/2025	0.001ND	No	42	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-10	0.001	n/a	2/11/2025	0.001ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-18	0.001	n/a	2/12/2025	0.001ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-19	0.001	n/a	2/11/2025	0.001ND	No	42	n/a	n/a	92.86	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-20	0.001	n/a	2/11/2025	0.001ND	No	41	n/a	n/a	97.56	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results (No Significant)

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 4/24/2025, 10:23 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Lead (mg/L)	GWC-21	0.001	n/a	2/11/2025	0.001ND	No	41	n/a	n/a	90.24	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-22	0.001	n/a	2/11/2025	0.001ND	No	42	n/a	n/a	90.48	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-23	0.001	n/a	2/12/2025	0.001ND	No	43	n/a	n/a	86.05	n/a	n/a	0.001037	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-1	0.005	n/a	2/11/2025	0.005ND	No	37	n/a	n/a	81.08	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-2	0.005	n/a	2/11/2025	0.005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-3	0.005	n/a	2/11/2025	0.005ND	No	37	n/a	n/a	78.38	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-4	0.0055	n/a	2/11/2025	0.005ND	No	37	n/a	n/a	54.05	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-11	0.005	n/a	2/11/2025	0.0022J	No	37	n/a	n/a	48.65	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWC-5	0.005	n/a	2/11/2025	0.005ND	No	37	n/a	n/a	81.08	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-6	0.005	n/a	2/12/2025	0.005ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-7	0.2607	n/a	2/12/2025	0.14	No	22	0.09873	0.06395	0	None	No	0.0002926	Param Intra 1 of 2
Nickel (mg/L)	GWC-8	0.016	n/a	2/12/2025	0.005ND	No	38	n/a	n/a	78.95	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-9	0.005	n/a	2/11/2025	0.0025J	No	37	n/a	n/a	48.65	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWC-10	0.005	n/a	2/11/2025	0.005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-18	0.005	n/a	2/12/2025	0.005ND	No	37	n/a	n/a	75.68	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-19	0.0062	n/a	2/11/2025	0.005ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-20	0.005	n/a	2/11/2025	0.005ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-21	0.009936	n/a	2/11/2025	0.0052	No	37	0.06313	0.01563	16.22	Kaplan-Meier	sqrt(x)	0.0002926	Param Intra 1 of 2
Nickel (mg/L)	GWC-22	0.005	n/a	2/11/2025	0.005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-23	0.005	n/a	2/12/2025	0.005ND	No	38	n/a	n/a	71.05	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-4	0.005	n/a	2/11/2025	0.005ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-9	0.005	n/a	2/11/2025	0.005ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-10	0.005	n/a	2/11/2025	0.005ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-21	0.005	n/a	2/11/2025	0.005ND	No	41	n/a	n/a	95.12	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-22	0.005	n/a	2/11/2025	0.005ND	No	42	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-21	0.005	n/a	2/11/2025	0.005ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-1	0.001	n/a	2/11/2025	0.001ND	No	41	n/a	n/a	97.56	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-7	0.001	n/a	2/12/2025	0.001ND	No	41	n/a	n/a	97.56	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-1	0.01	n/a	2/11/2025	0.01ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-4	0.01	n/a	2/11/2025	0.01ND	No	37	n/a	n/a	100	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-5	0.01	n/a	2/11/2025	0.01ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-7	0.01	n/a	2/12/2025	0.01ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-8	0.034	n/a	2/12/2025	0.01ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-9	0.01	n/a	2/11/2025	0.01ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-21	0.01	n/a	2/11/2025	0.01ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-23	0.01	n/a	2/12/2025	0.01ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-1	0.02	n/a	2/11/2025	0.02ND	No	37	n/a	n/a	78.38	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-2	0.02	n/a	2/11/2025	0.02ND	No	37	n/a	n/a	72.97	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-3	0.02	n/a	2/11/2025	0.02ND	No	37	n/a	n/a	62.16	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-4	0.02	n/a	2/11/2025	0.02ND	No	37	n/a	n/a	40.54	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWA-11	0.02	n/a	2/11/2025	0.02ND	No	37	n/a	n/a	70.27	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-5	0.01	n/a	2/11/2025	0.0029J	No	37	n/a	n/a	64.86	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-6	0.02	n/a	2/12/2025	0.02ND	No	37	n/a	n/a	75.68	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-7	0.4896	n/a	2/12/2025	0.22	No	21	0.1745	0.1234	0	None	No	0.0002926	Param Intra 1 of 2
Zinc (mg/L)	GWC-8	0.045	n/a	2/12/2025	0.02ND	No	37	n/a	n/a	72.97	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-9	0.02	n/a	2/11/2025	0.02ND	No	37	n/a	n/a	70.27	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-10	0.02	n/a	2/11/2025	0.02ND	No	37	n/a	n/a	81.08	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-18	0.02	n/a	2/12/2025	0.02ND	No	37	n/a	n/a	72.97	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-19	0.02	n/a	2/11/2025	0.02ND	No	37	n/a	n/a	64.86	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-20	0.02	n/a	2/11/2025	0.02ND	No	36	n/a	n/a	83.33	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-21	0.0108	n/a	2/11/2025	0.0058J	No	36	n/a	n/a	25	n/a	n/a	0.001429	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-22	0.02	n/a	2/11/2025	0.02ND	No	37	n/a	n/a	83.78	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-23	0.01	n/a	2/12/2025	0.0029J	No	38	n/a	n/a	57.89	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2

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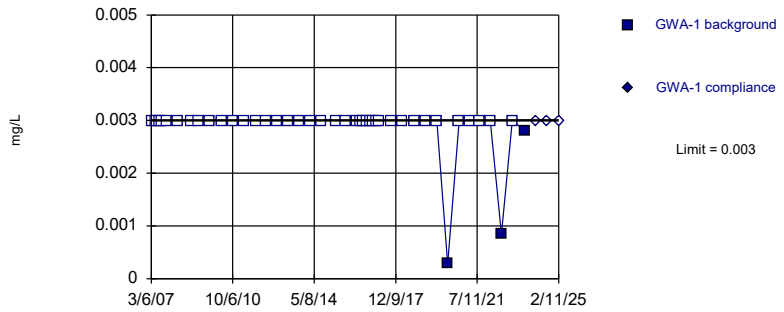
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Antimony Analysis Run 4/24/2025 10:19 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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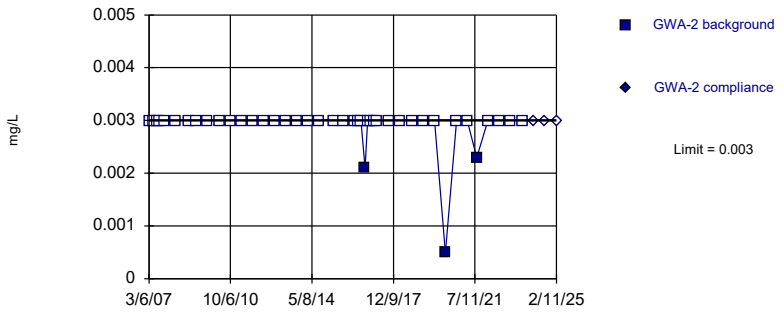
Hollow symbols indicate censored values.
Within Limit
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Antimony Analysis Run 4/24/2025 10:19 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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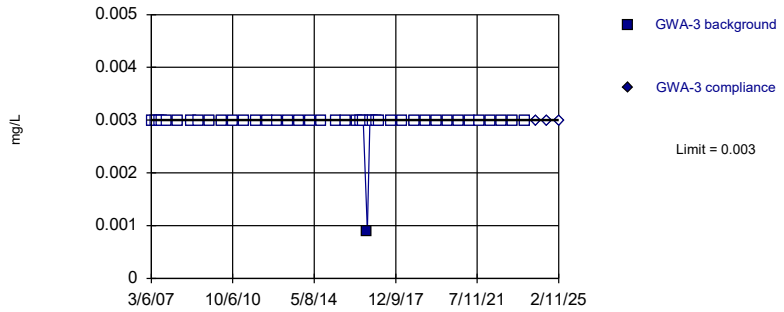
Within Limit
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Antimony Analysis Run 4/24/2025 10:19 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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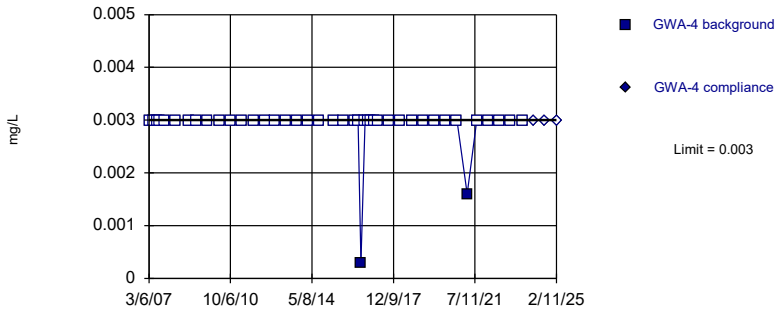
Hollow symbols indicate censored values.
Within Limit
Prediction Limit
Intrawell Non-parametric



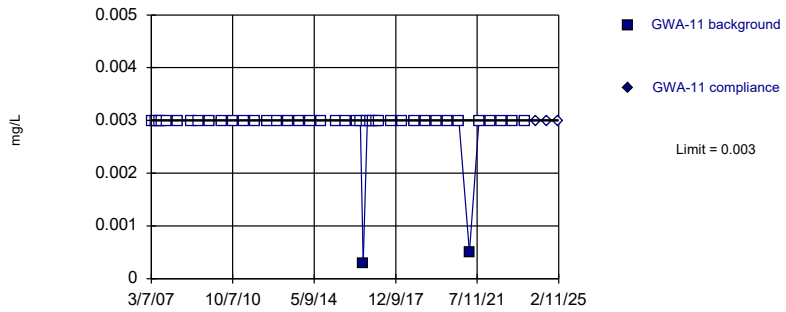
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Antimony Analysis Run 4/24/2025 10:19 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



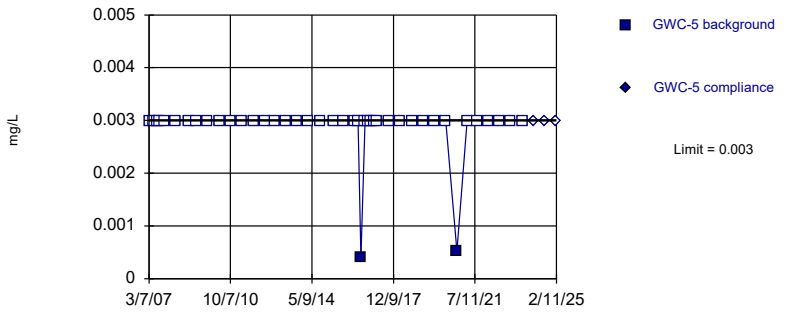
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Antimony Analysis Run 4/24/2025 10:19 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



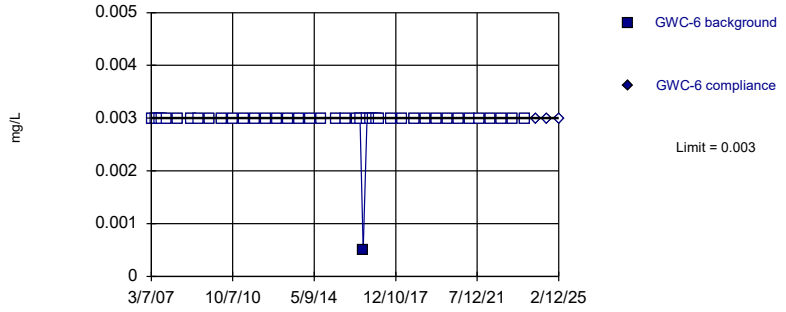
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Antimony Analysis Run 4/24/2025 10:19 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



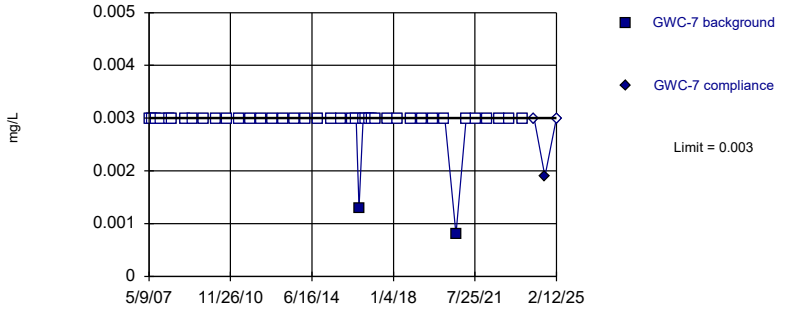
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Antimony Analysis Run 4/24/2025 10:19 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 42 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

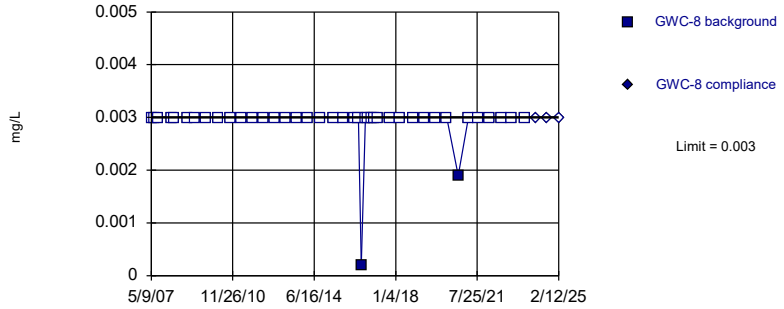
Constituent: Antimony Analysis Run 4/24/2025 10:19 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 41 background values. 95.12% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

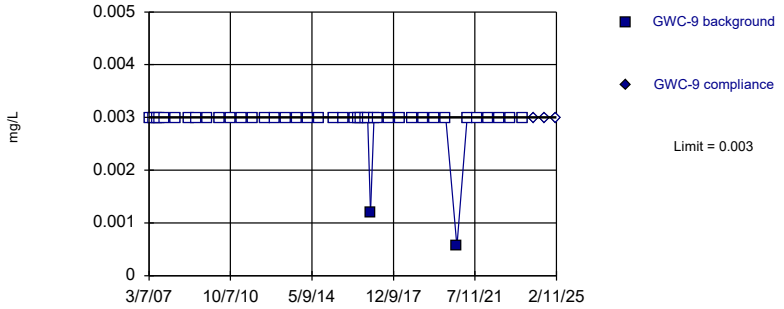
Constituent: Antimony Analysis Run 4/24/2025 10:19 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 42 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

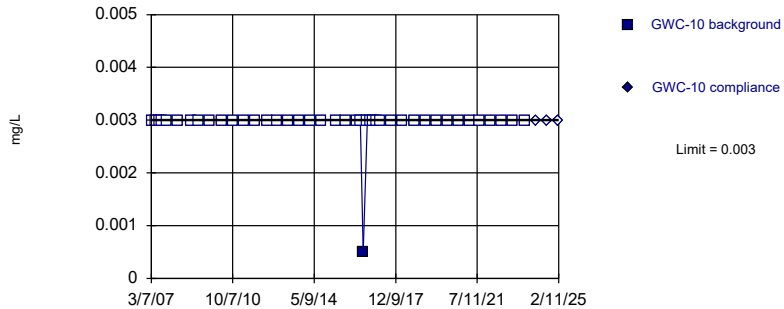
Constituent: Antimony Analysis Run 4/24/2025 10:19 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

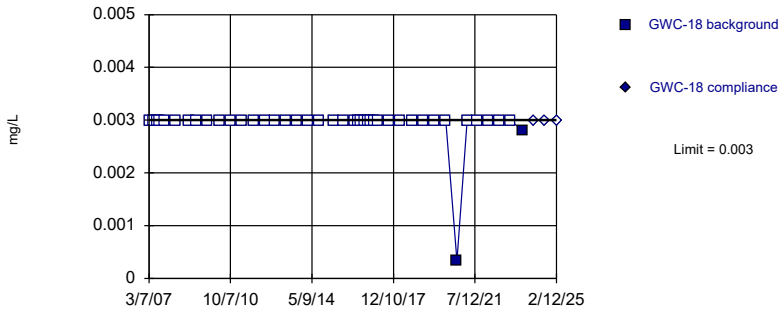
Constituent: Antimony Analysis Run 4/24/2025 10:19 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 42 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

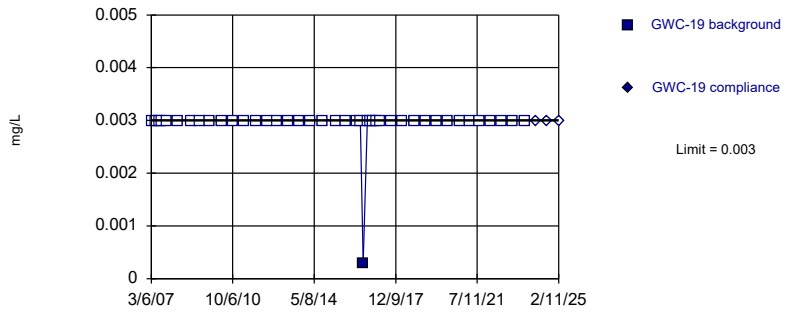
Constituent: Antimony Analysis Run 4/24/2025 10:19 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

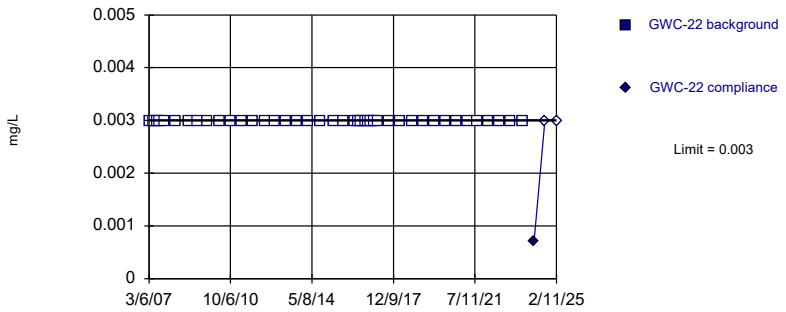
Constituent: Antimony Analysis Run 4/24/2025 10:20 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 = 42) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

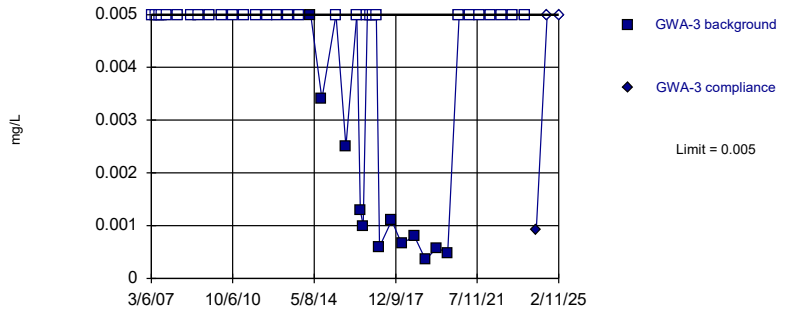
Constituent: Antimony Analysis Run 4/24/2025 10:20 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 42 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

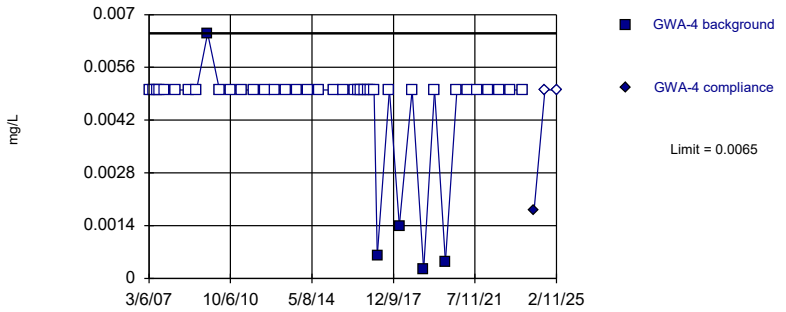
Constituent: Arsenic Analysis Run 4/24/2025 10:20 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



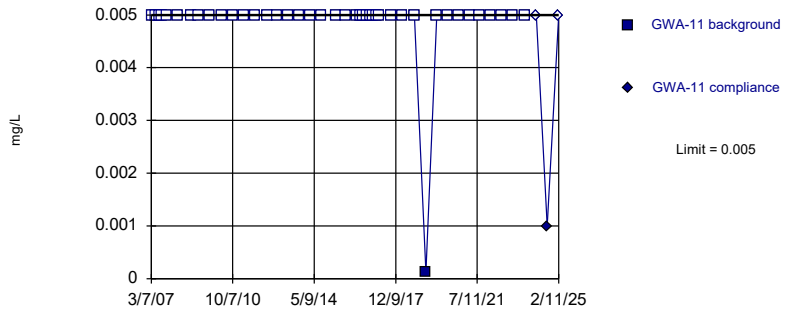
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 88.1% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Arsenic Analysis Run 4/24/2025 10:20 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



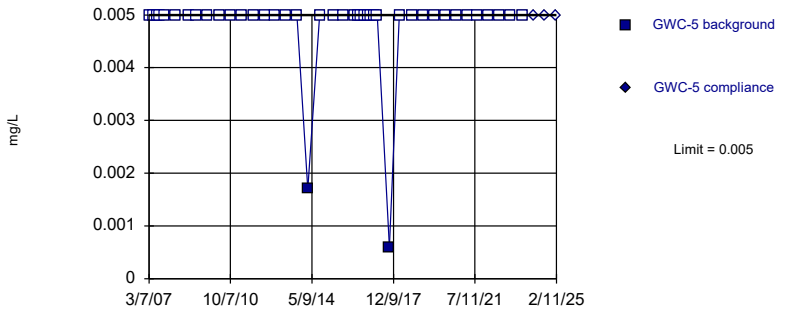
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Arsenic Analysis Run 4/24/2025 10:20 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



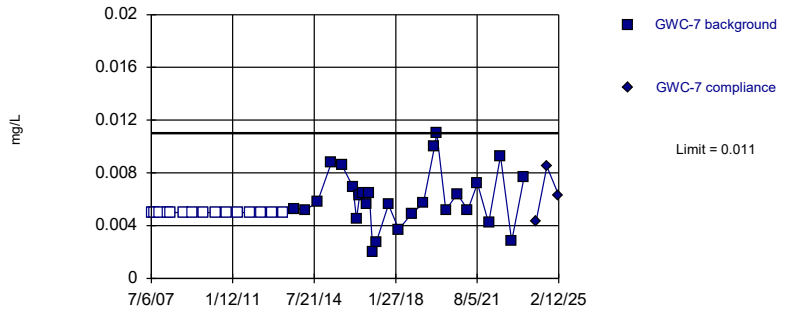
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Arsenic Analysis Run 4/24/2025 10:20 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



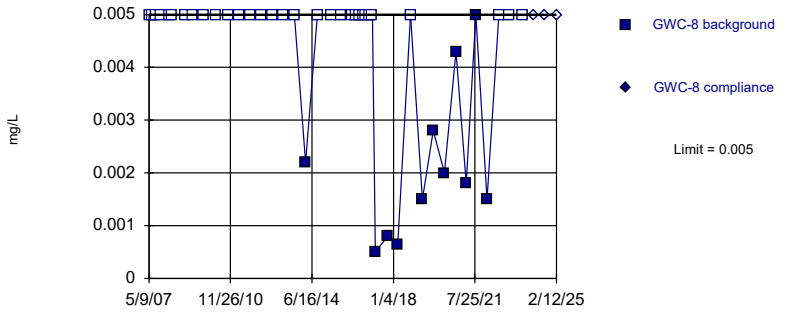
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 42 background values. 35.71% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Arsenic Analysis Run 4/24/2025 10:20 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 42 background values. 73.81% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

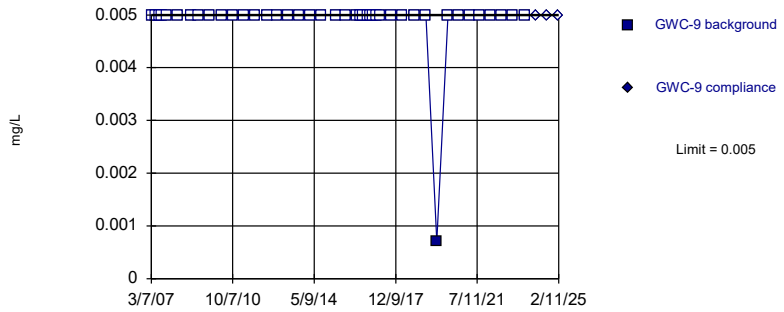
Constituent: Arsenic Analysis Run 4/24/2025 10:20 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

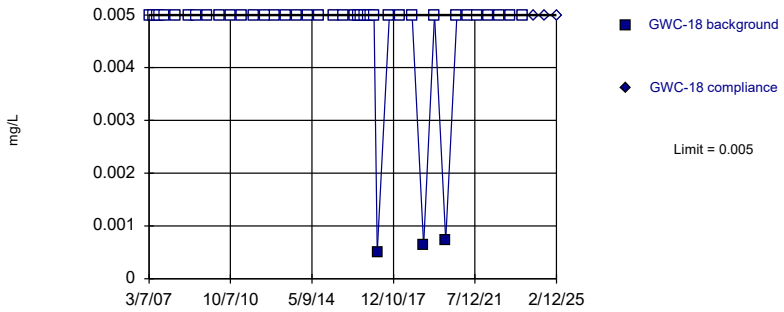
Constituent: Arsenic Analysis Run 4/24/2025 10:20 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 42 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

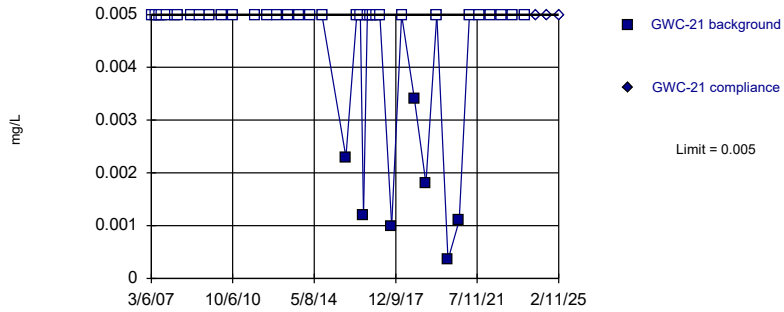
Constituent: Arsenic Analysis Run 4/24/2025 10:20 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 41 background values. 82.93% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

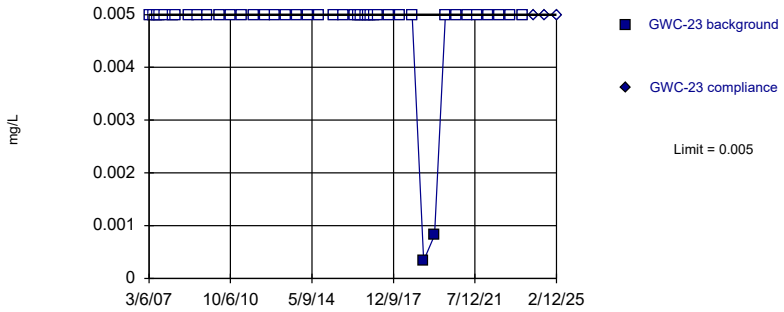
Constituent: Arsenic Analysis Run 4/24/2025 10:20 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 43 background values. 95.35% NDs. Well-constituent pair annual alpha = 0.002073. Individual comparison alpha = 0.001037 (1 of 2).

Constituent: Arsenic Analysis Run 4/24/2025 10:20 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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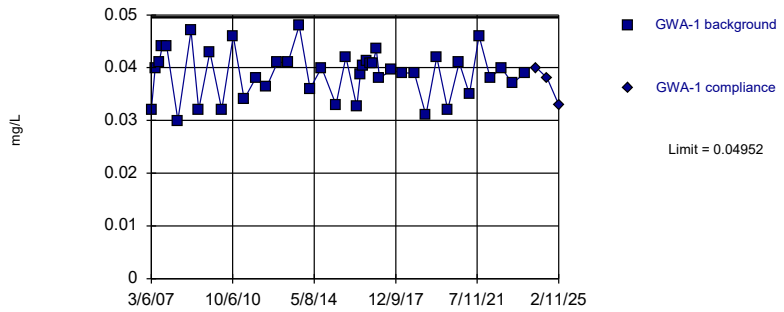
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.03893, Std. Dev.=0.004587, n=42. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.956, critical = 0.922. Kappa = 2.31 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

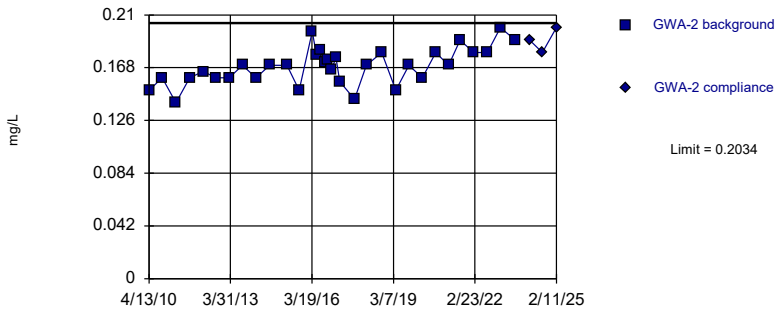
Constituent: Barium Analysis Run 4/24/2025 10:20 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.1691, Std. Dev.=0.01447, n=33. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9753, critical = 0.906. Kappa = 2.37 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

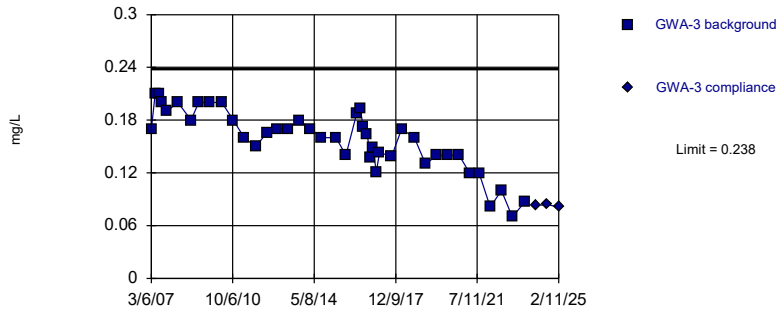
Constituent: Barium Analysis Run 4/24/2025 10:20 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.1579, Std. Dev.=0.03471, n=42. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9437, critical = 0.922. Kappa = 2.31 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

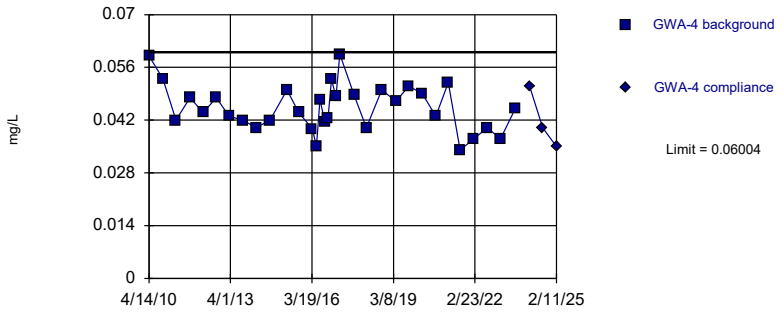
Constituent: Barium Analysis Run 4/24/2025 10:20 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.04531, Std. Dev.=0.006216, n=33. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9695, critical = 0.906. Kappa = 2.37 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

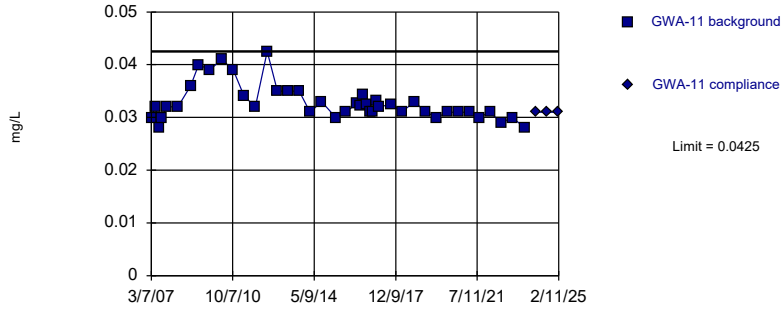
Constituent: Barium Analysis Run 4/24/2025 10:20 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 42 background values. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

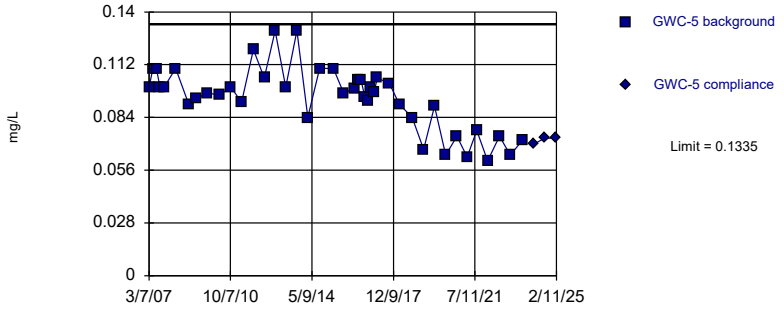
Constituent: Barium Analysis Run 4/24/2025 10:20 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.09442, Std. Dev.=0.0169, n=42. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9413, critical = 0.922. Kappa = 2.31 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

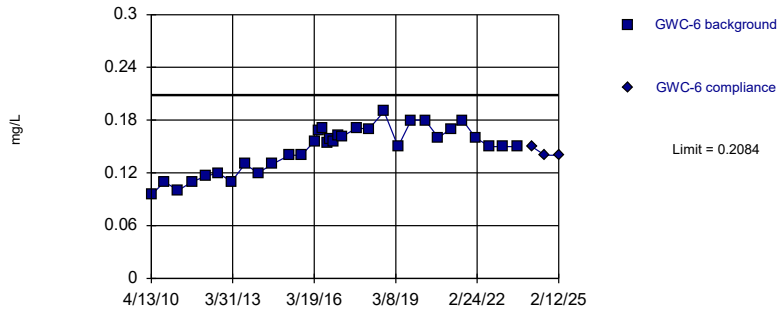
Constituent: Barium Analysis Run 4/24/2025 10:20 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.1476, Std. Dev.=0.02565, n=33. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9379, critical = 0.906. Kappa = 2.37 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

Constituent: Barium Analysis Run 4/24/2025 10:20 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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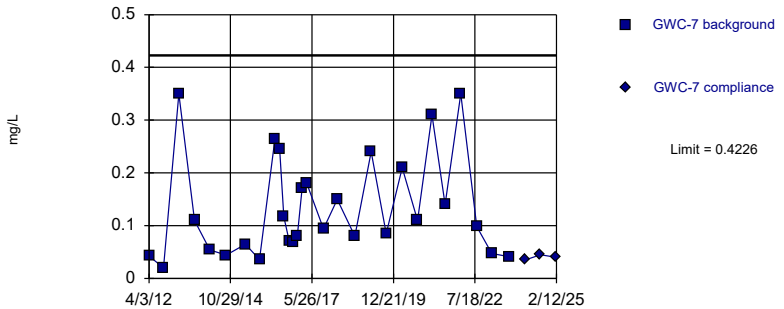
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.3433, Std. Dev.=0.1271, n=29. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9394, critical = 0.898. Kappa = 2.414 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

Constituent: Barium Analysis Run 4/24/2025 10:20 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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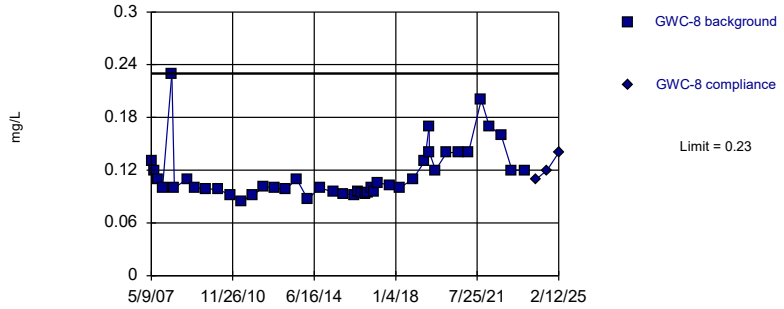
Within Limit

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 44 background values. Well-constituent pair annual alpha = 0.001992. Individual comparison alpha = 0.0009963 (1 of 2).

Constituent: Barium Analysis Run 4/24/2025 10:20 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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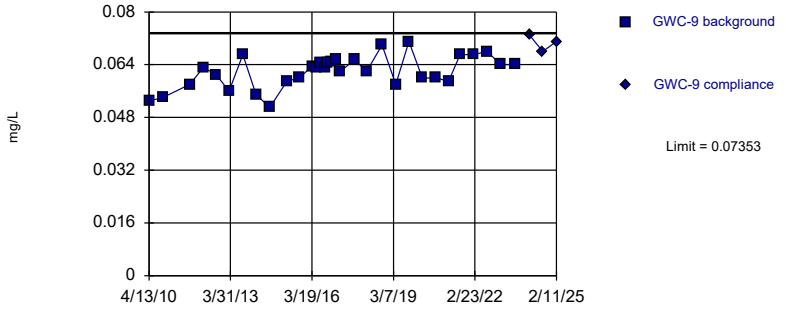
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.06198, Std. Dev.=0.004851, n=32. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9758, critical = 0.904. Kappa = 2.38 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

Constituent: Barium Analysis Run 4/24/2025 10:20 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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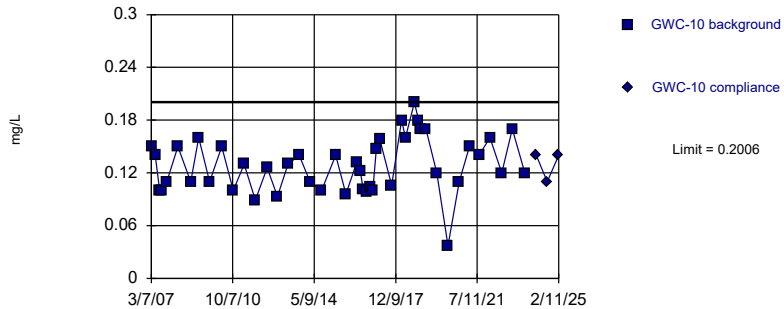
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.1287, Std. Dev.=0.03134, n=45. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.966, critical = 0.926. Kappa = 2.295 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

Constituent: Barium Analysis Run 4/24/2025 10:20 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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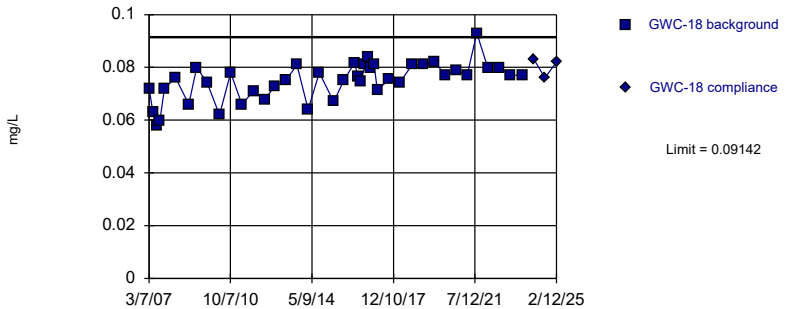
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.07482, Std. Dev.=0.007187, n=42. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9514, critical = 0.922. Kappa = 2.31 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

Constituent: Barium Analysis Run 4/24/2025 10:20 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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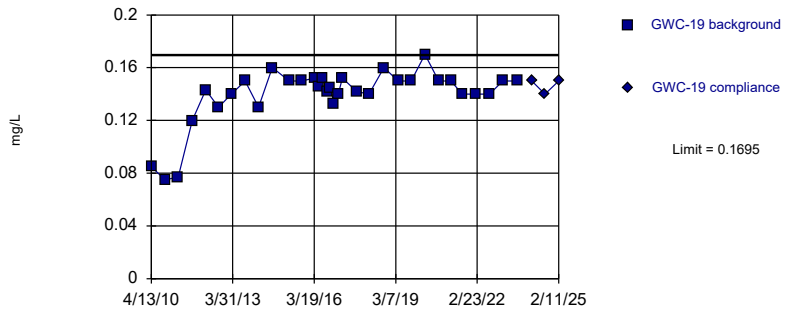
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on x^4 transformation): Mean=0.0004226, Std. Dev.=0.0001701, n=33. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9119, critical = 0.906. Kappa = 2.37 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

Constituent: Barium Analysis Run 4/24/2025 10:20 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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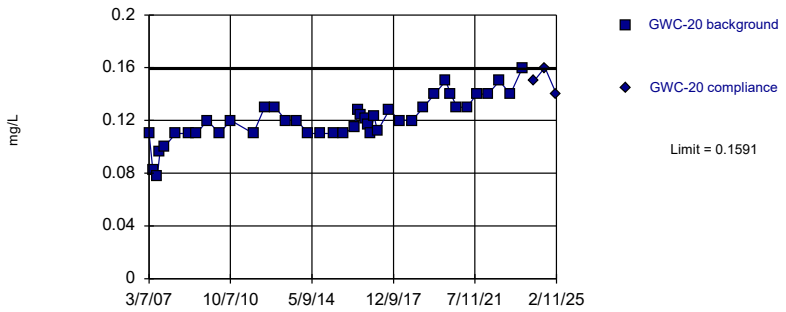
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.1206, Std. Dev.=0.01669, n=42. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9586, critical = 0.922. Kappa = 2.31 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

Constituent: Barium Analysis Run 4/24/2025 10:20 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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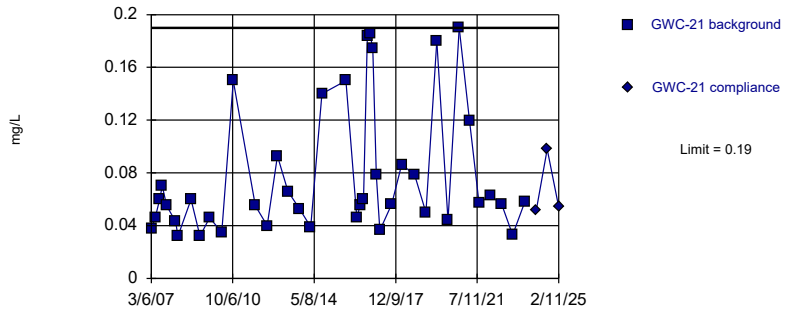
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 41 background values. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Barium Analysis Run 4/24/2025 10:20 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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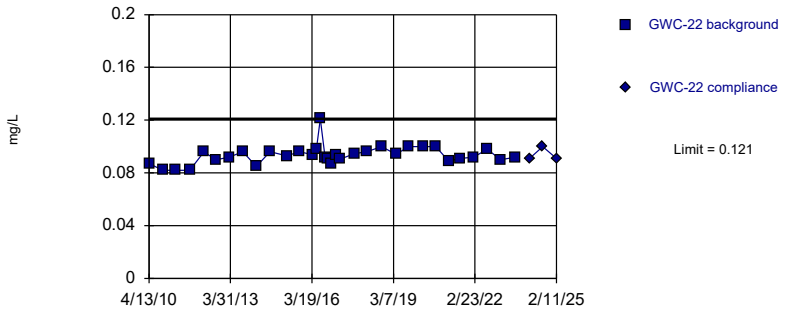
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 33 background values. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Barium Analysis Run 4/24/2025 10:20 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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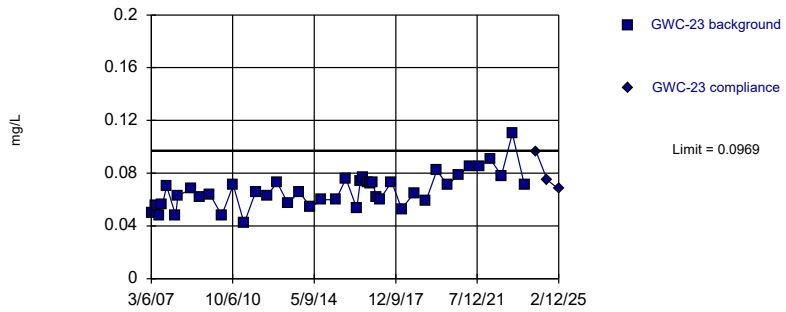
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.06665, Std. Dev.=0.01312, n=43. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9665, critical = 0.923. Kappa = 2.305 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

Constituent: Barium Analysis Run 4/24/2025 10:20 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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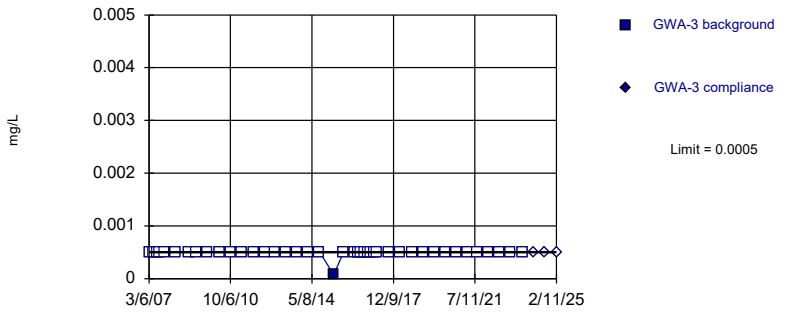
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Beryllium Analysis Run 4/24/2025 10:20 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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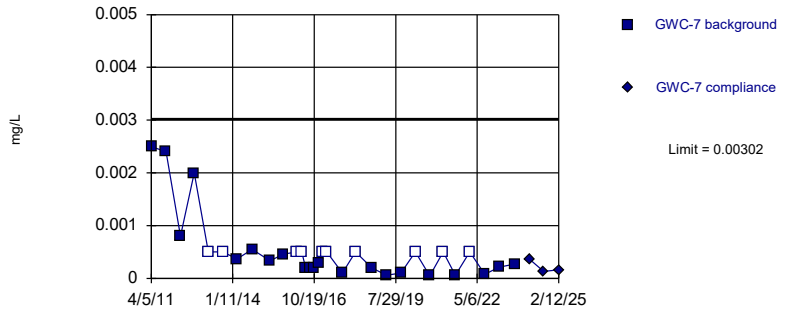
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation) (after Kaplan-Meier Adjustment): Mean=-8.586, Std. Dev.=1.165, n=31, 32.26% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9242, critical = 0.902. Kappa = 2.39 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

Constituent: Beryllium Analysis Run 4/24/2025 10:20 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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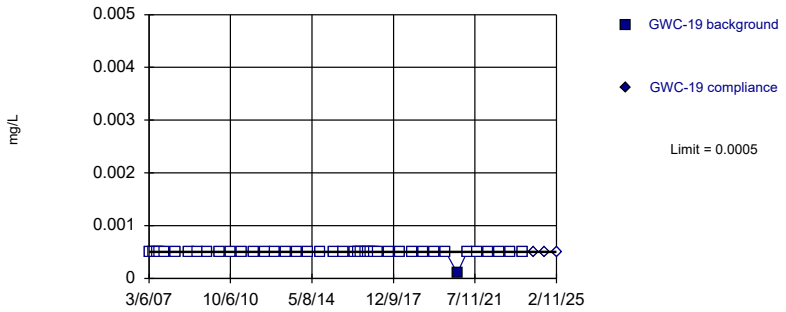
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Beryllium Analysis Run 4/24/2025 10:20 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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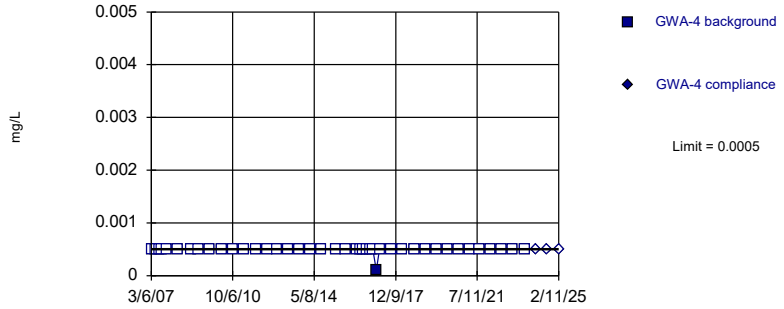
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Cadmium Analysis Run 4/24/2025 10:20 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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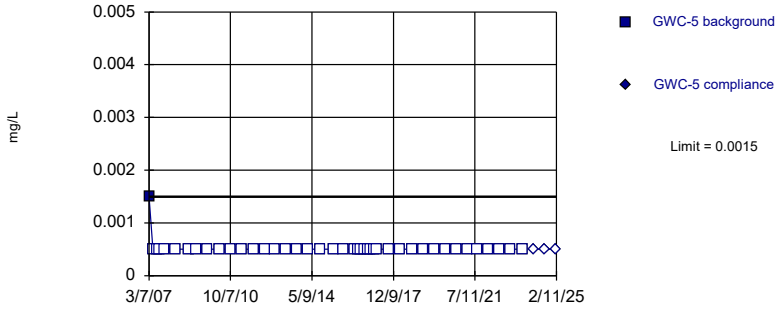
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



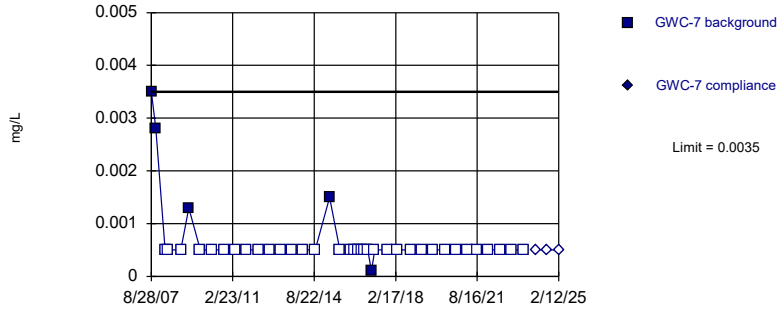
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Cadmium Analysis Run 4/24/2025 10:20 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 40 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.002316. Individual comparison alpha = 0.001159 (1 of 2).

Constituent: Cadmium Analysis Run 4/24/2025 10:20 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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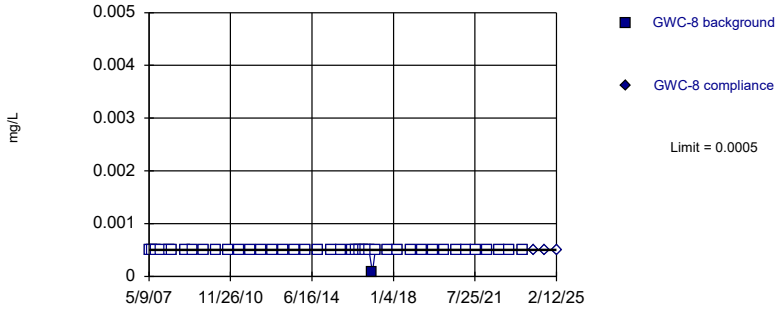
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

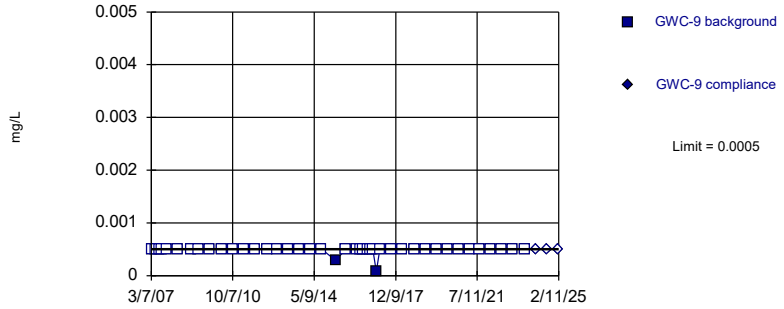
Constituent: Cadmium Analysis Run 4/24/2025 10:20 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 42 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

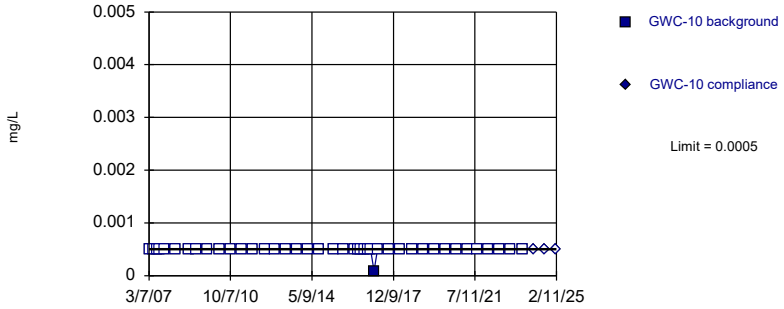
Constituent: Cadmium Analysis Run 4/24/2025 10:20 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

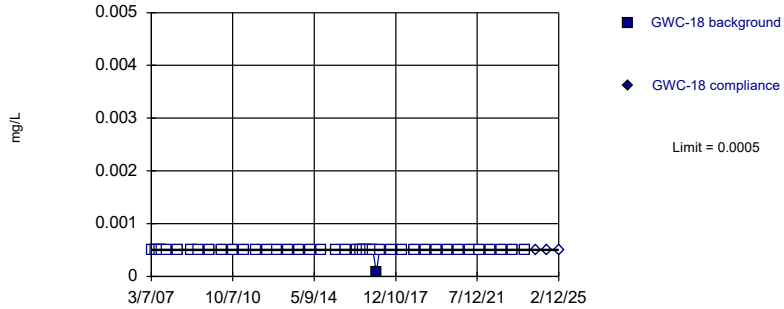
Constituent: Cadmium Analysis Run 4/24/2025 10:20 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Cadmium Analysis Run 4/24/2025 10:20 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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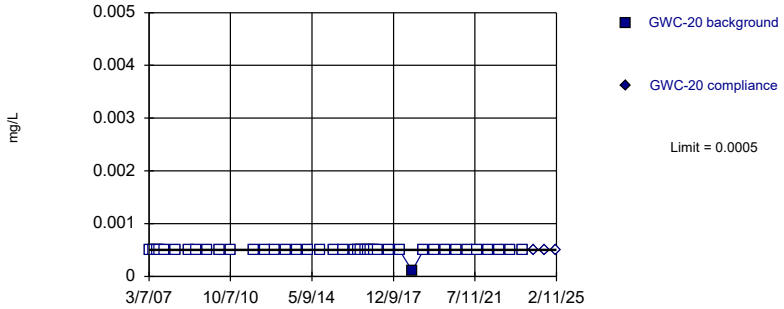
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 97.56% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Cadmium Analysis Run 4/24/2025 10:20 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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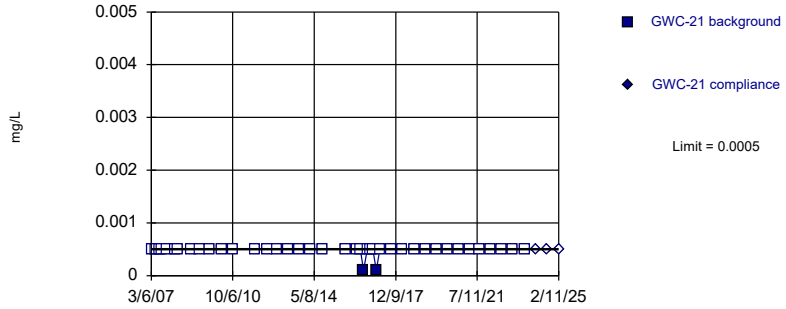
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 95.12% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

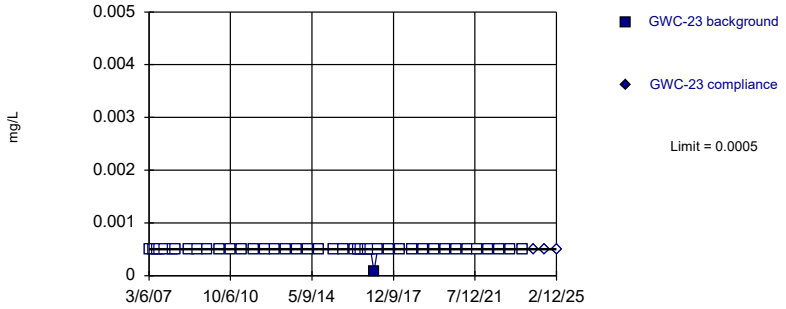
Constituent: Cadmium Analysis Run 4/24/2025 10:20 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 43 background values. 97.67% NDs. Well-constituent pair annual alpha = 0.002073. Individual comparison alpha = 0.001037 (1 of 2).

Constituent: Cadmium Analysis Run 4/24/2025 10:20 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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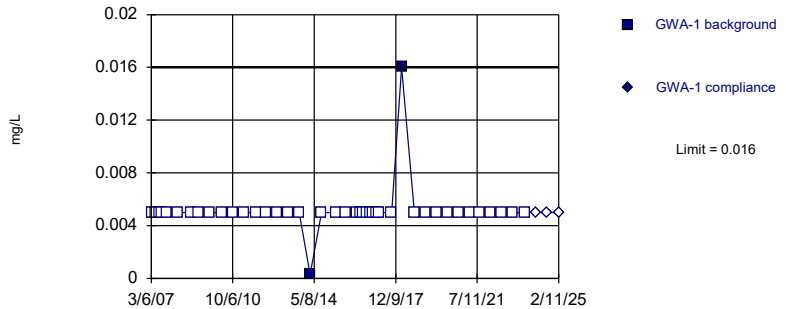
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Chromium Analysis Run 4/24/2025 10:20 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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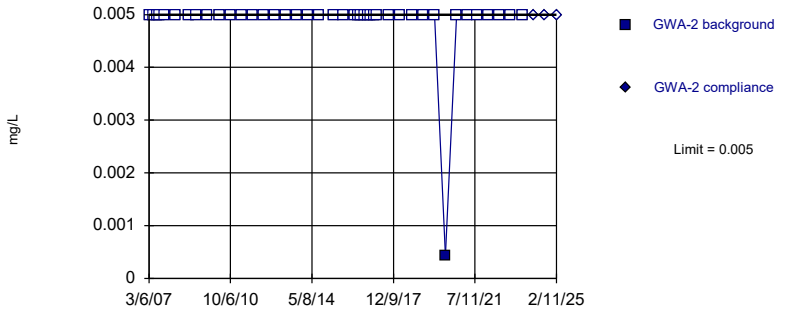
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Chromium Analysis Run 4/24/2025 10:20 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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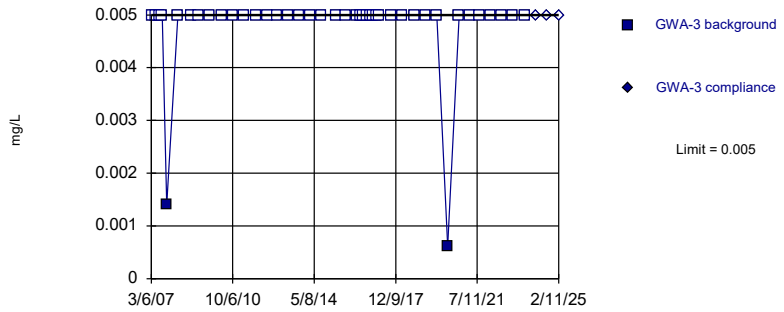
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



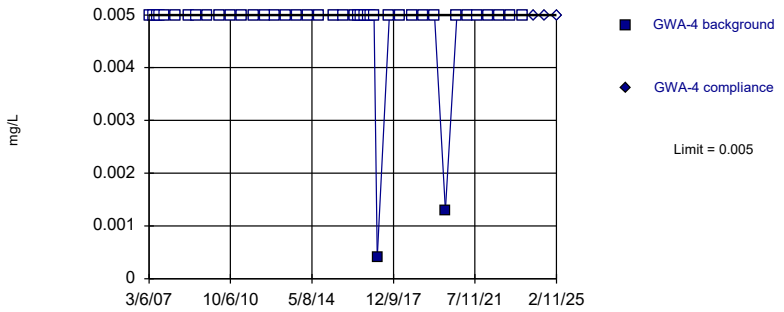
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Chromium Analysis Run 4/24/2025 10:20 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



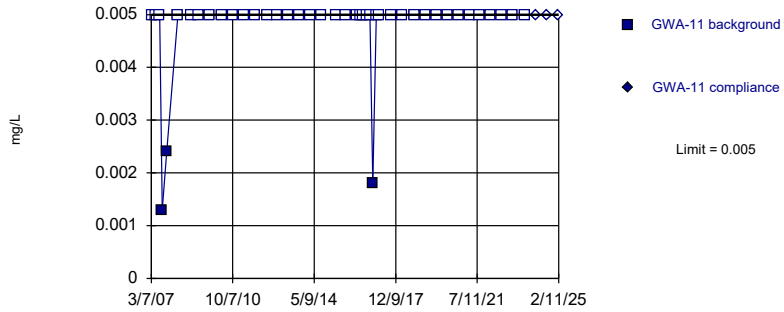
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Chromium Analysis Run 4/24/2025 10:20 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



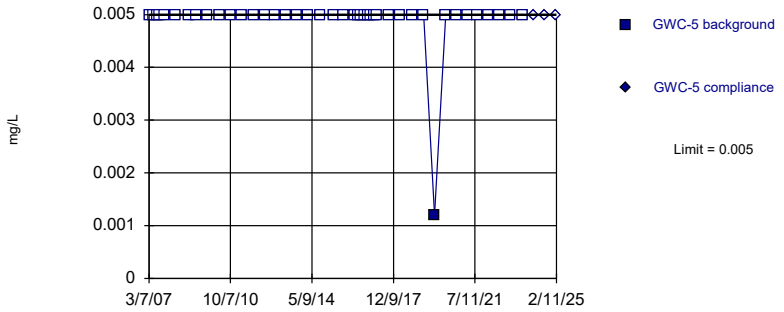
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Chromium Analysis Run 4/24/2025 10:20 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

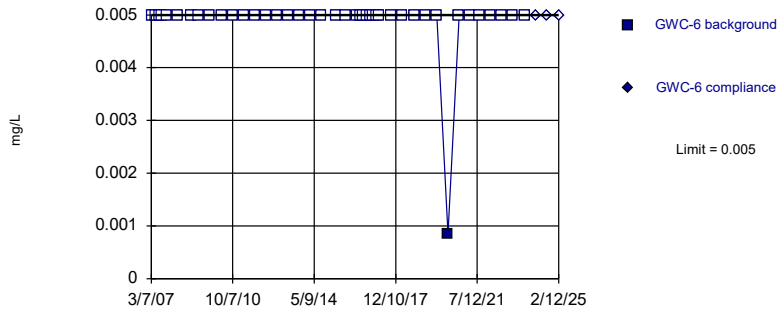
Constituent: Chromium Analysis Run 4/24/2025 10:20 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

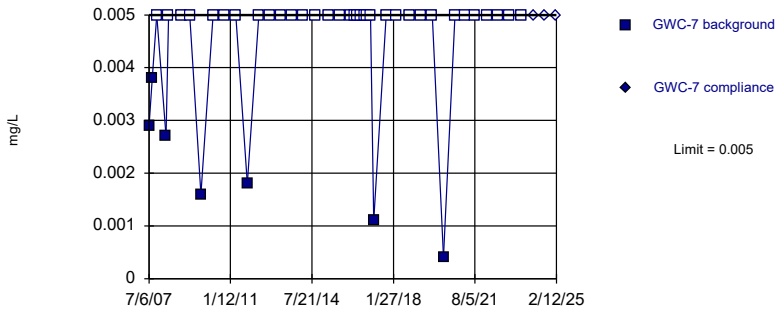
Constituent: Chromium Analysis Run 4/24/2025 10:20 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 41 background values. 82.93% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

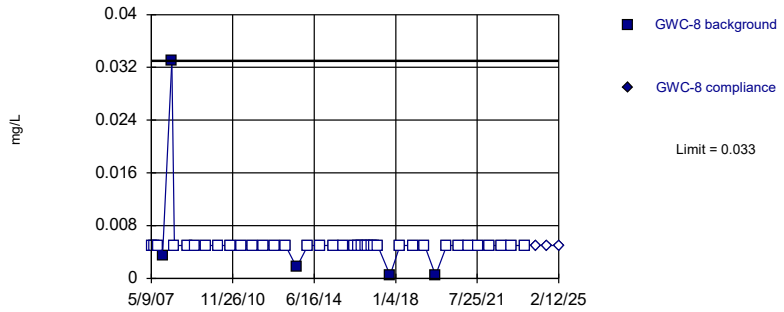
Constituent: Chromium Analysis Run 4/24/2025 10:20 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 42 background values. 88.1% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

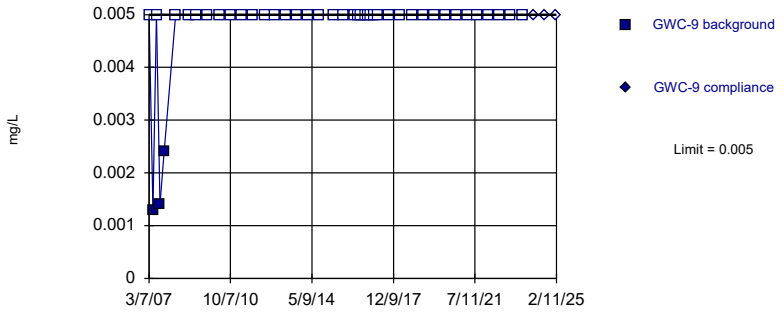
Constituent: Chromium Analysis Run 4/24/2025 10:20 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 42 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

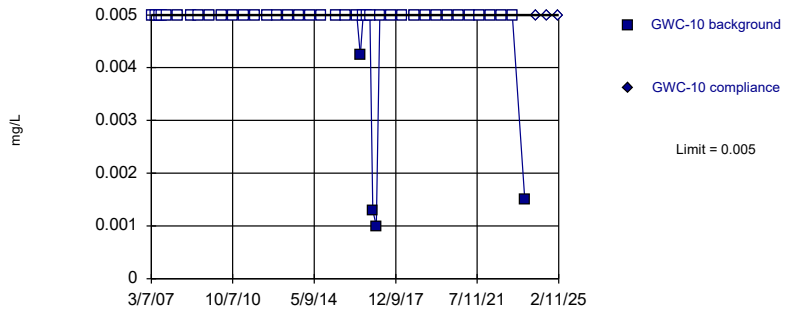
Constituent: Chromium Analysis Run 4/24/2025 10:20 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 42 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

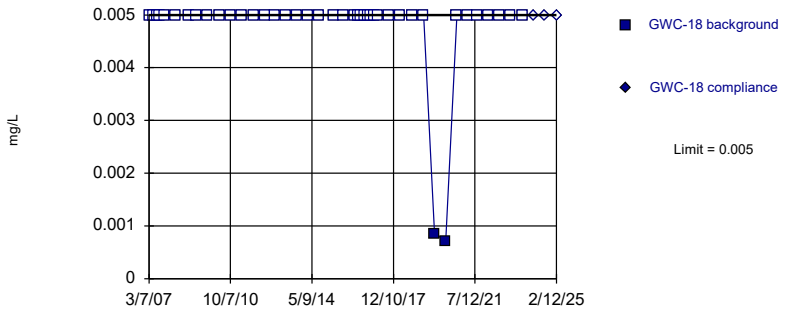
Constituent: Chromium Analysis Run 4/24/2025 10:21 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 42 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

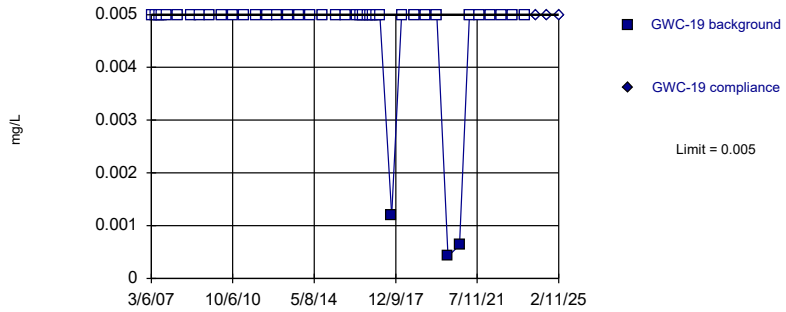
Constituent: Chromium Analysis Run 4/24/2025 10:21 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 42 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

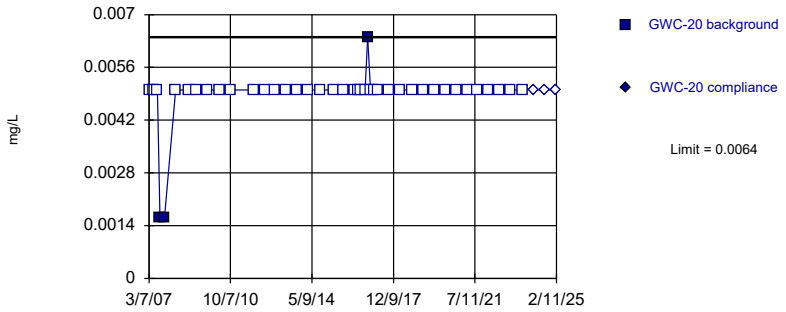
Constituent: Chromium Analysis Run 4/24/2025 10:21 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 41 background values. 92.68% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

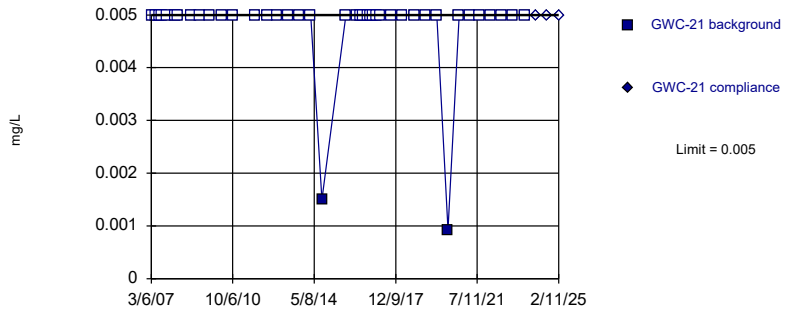
Constituent: Chromium Analysis Run 4/24/2025 10:21 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 41 background values. 95.12% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

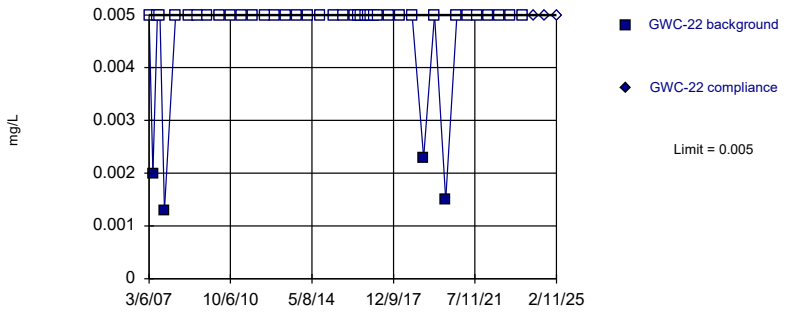
Constituent: Chromium Analysis Run 4/24/2025 10:21 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 42 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

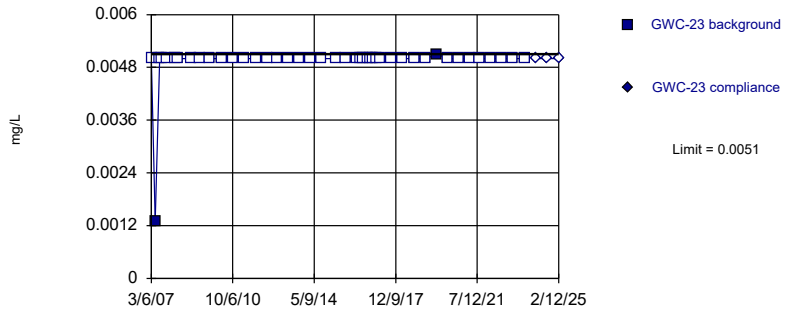
Constituent: Chromium Analysis Run 4/24/2025 10:21 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 43 background values. 95.35% NDs. Well-constituent pair annual alpha = 0.002073. Individual comparison alpha = 0.001037 (1 of 2).

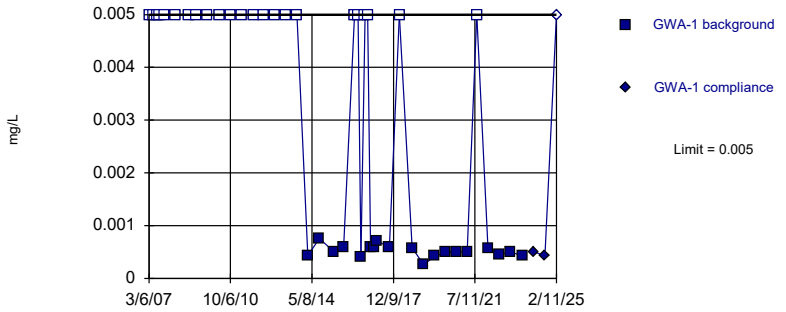
Constituent: Chromium Analysis Run 4/24/2025 10:21 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



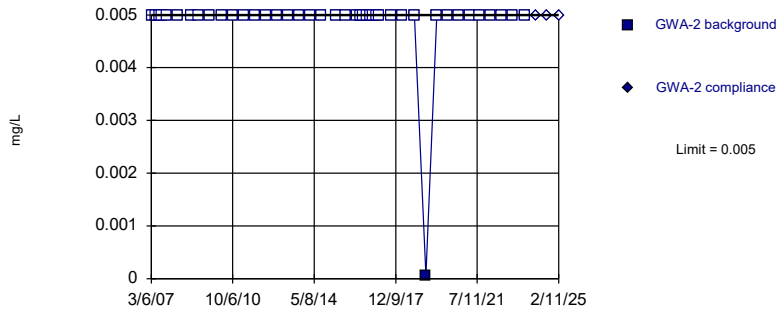
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 54.76% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Cobalt Analysis Run 4/24/2025 10:21 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



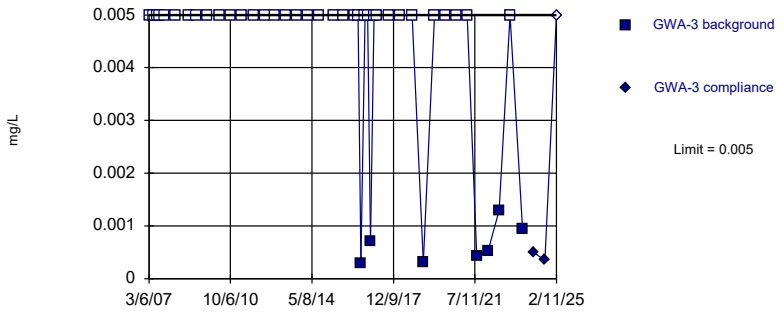
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Cobalt Analysis Run 4/24/2025 10:21 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



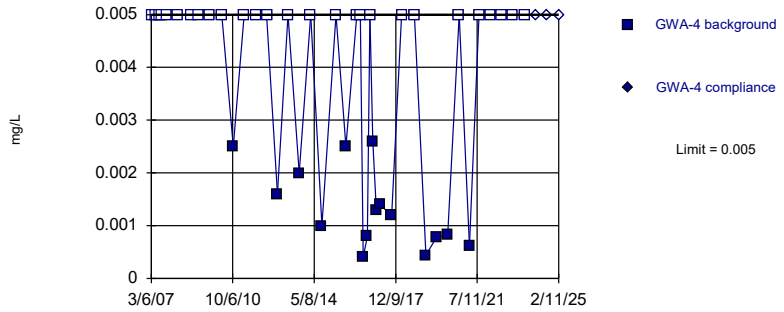
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 83.33% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Cobalt Analysis Run 4/24/2025 10:21 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



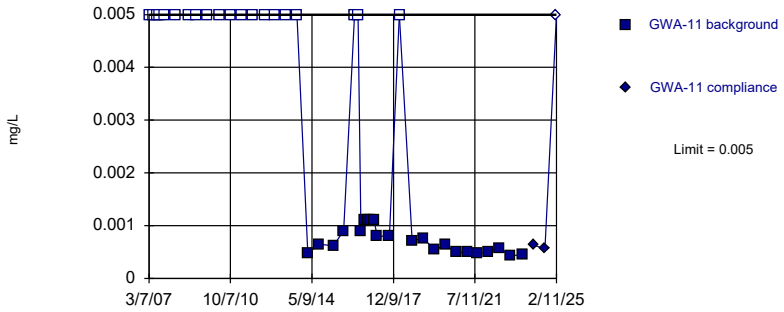
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 64.29% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Cobalt Analysis Run 4/24/2025 10:21 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 42 background values. 47.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

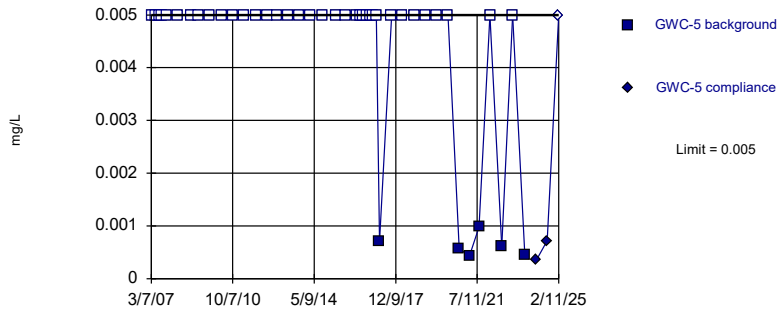
Constituent: Cobalt Analysis Run 4/24/2025 10:21 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 42 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

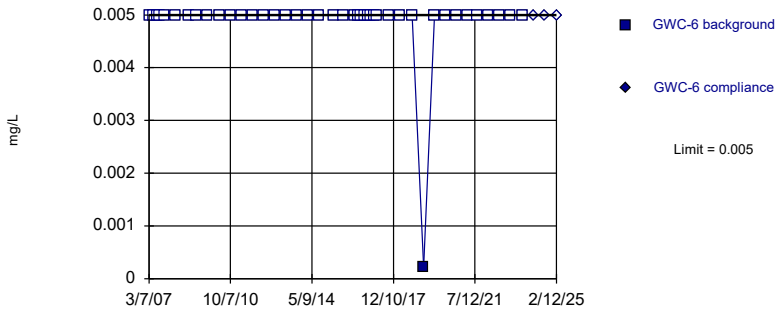
Constituent: Cobalt Analysis Run 4/24/2025 10:21 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

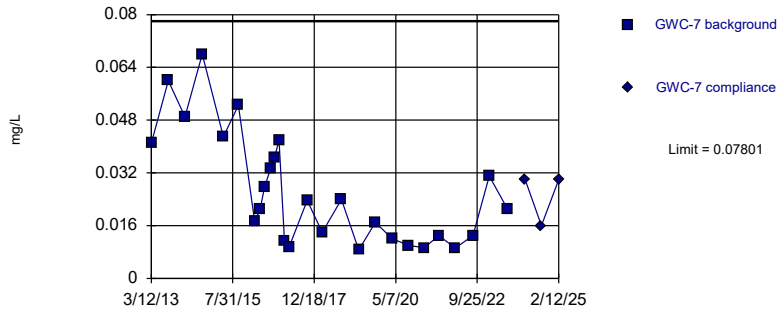
Constituent: Cobalt Analysis Run 4/24/2025 10:21 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.1553, Std. Dev.=0.05079, n=27. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9232, critical = 0.894. Kappa = 2.442 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

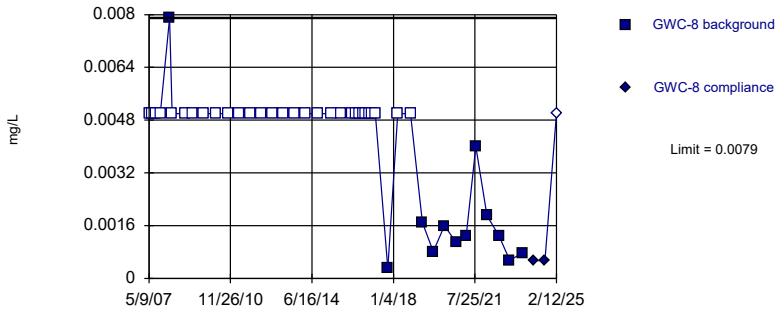
Constituent: Cobalt Analysis Run 4/24/2025 10:21 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 42 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

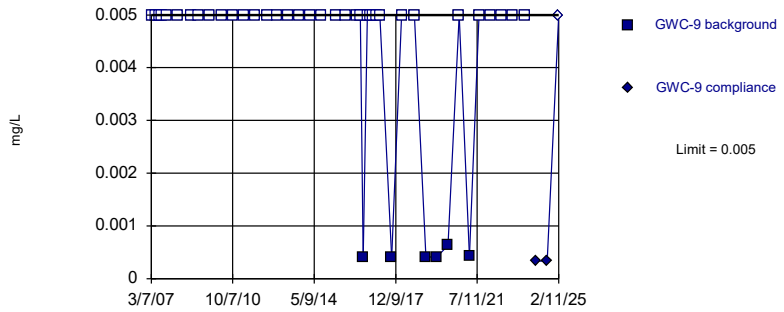
Constituent: Cobalt Analysis Run 4/24/2025 10:21 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 42 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

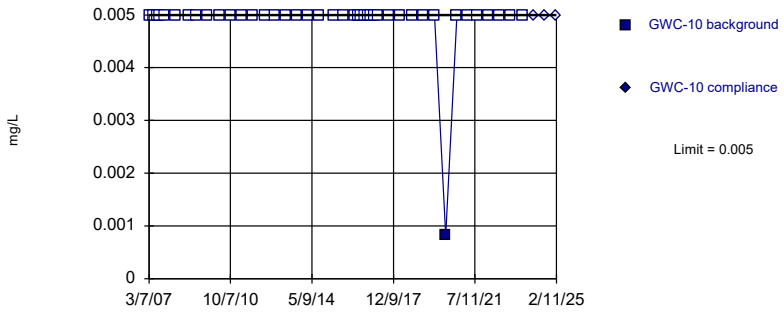
Constituent: Cobalt Analysis Run 4/24/2025 10:21 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

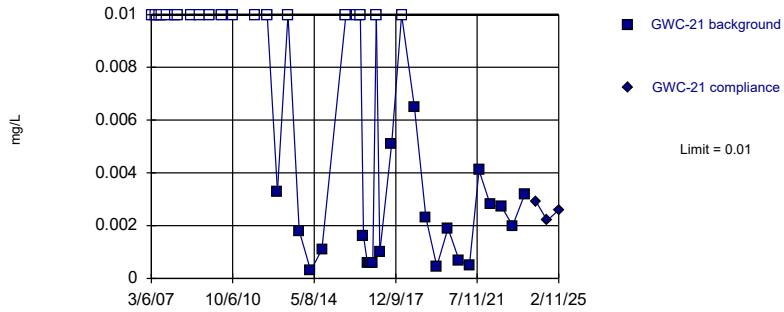
Constituent: Cobalt Analysis Run 4/24/2025 10:21 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 41 background values. 48.78% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

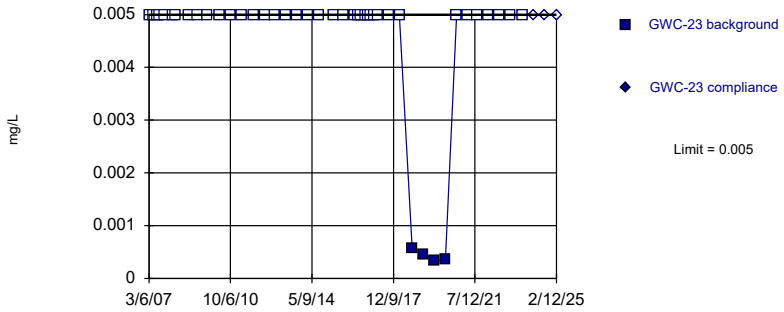
Constituent: Cobalt Analysis Run 4/24/2025 10:21 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 43 background values. 90.7% NDs. Well-constituent pair annual alpha = 0.002073. Individual comparison alpha = 0.001037 (1 of 2).

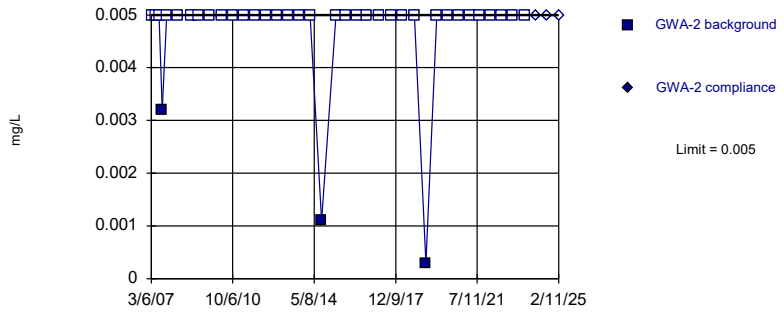
Constituent: Cobalt Analysis Run 4/24/2025 10:21 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

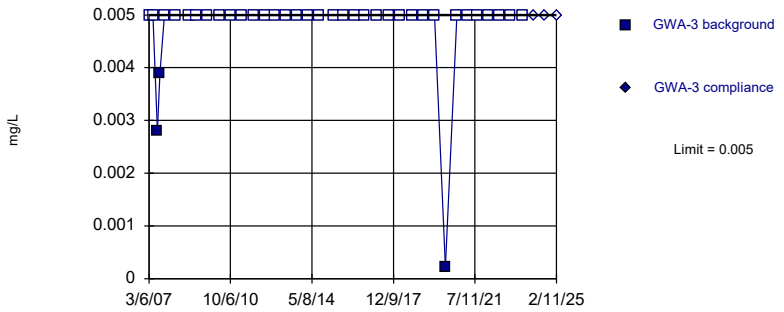
Constituent: Copper Analysis Run 4/24/2025 10:21 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Copper Analysis Run 4/24/2025 10:21 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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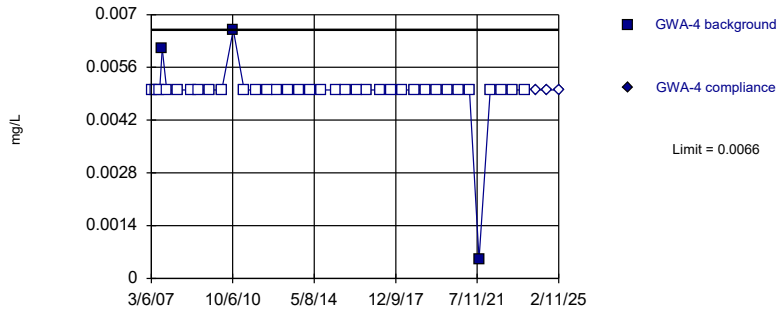
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Copper Analysis Run 4/24/2025 10:21 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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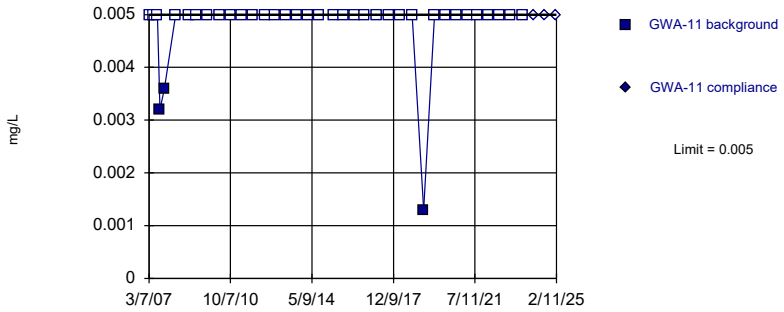
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



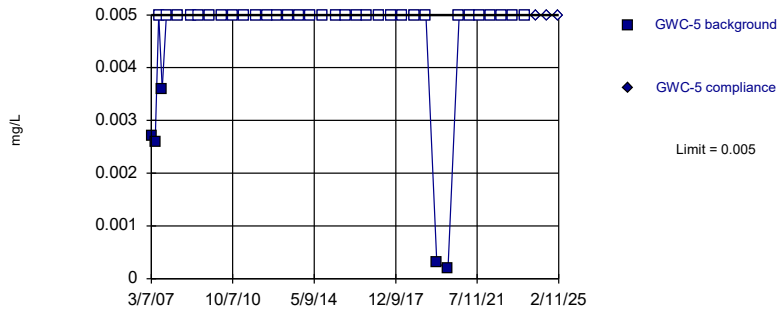
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Copper Analysis Run 4/24/2025 10:21 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 37 background values. 86.49% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Copper Analysis Run 4/24/2025 10:21 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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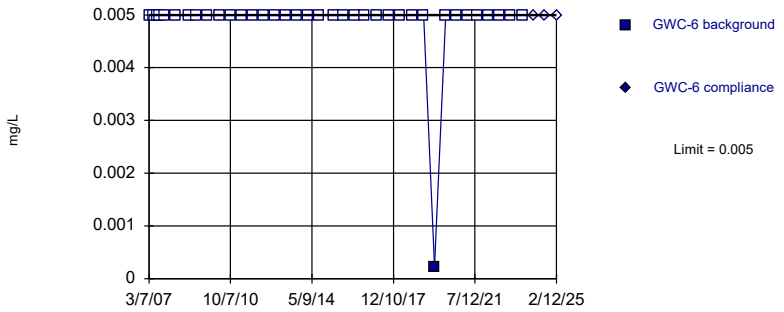
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



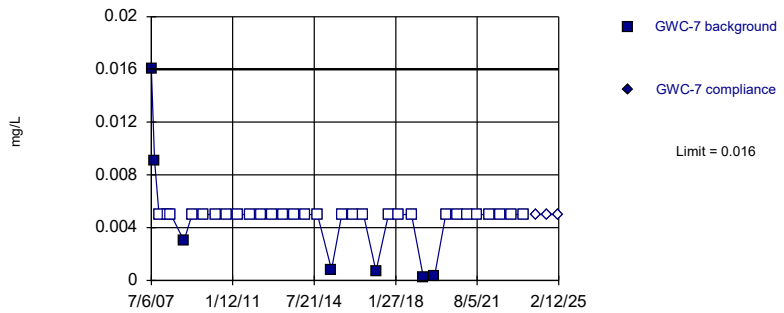
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Copper Analysis Run 4/24/2025 10:21 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



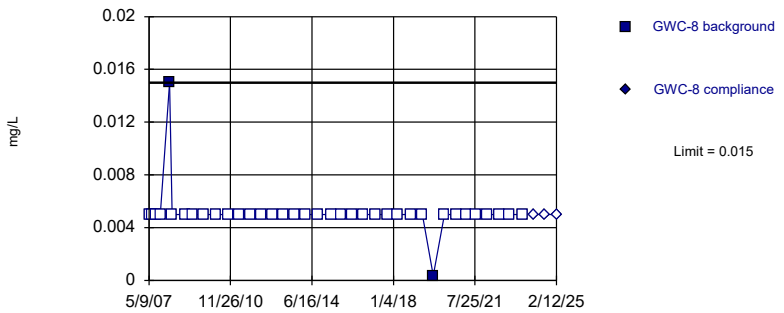
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 80.56% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Copper Analysis Run 4/24/2025 10:21 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 37 background values. 94.59% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

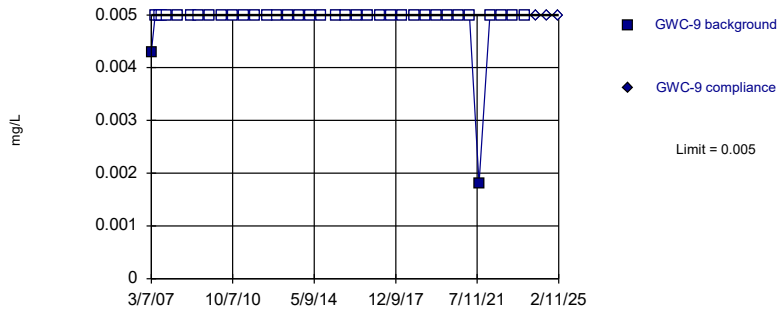
Constituent: Copper Analysis Run 4/24/2025 10:21 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 37 background values. 94.59% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

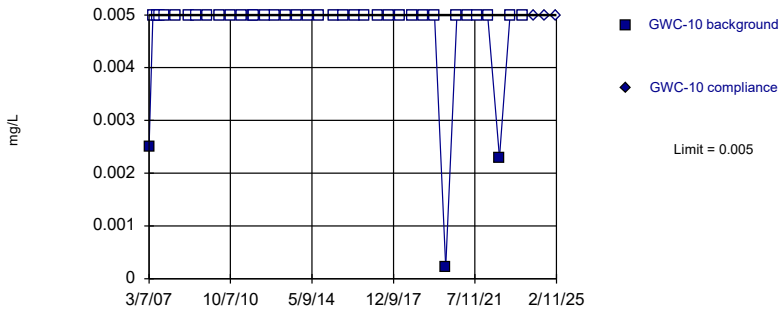
Constituent: Copper Analysis Run 4/24/2025 10:21 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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. 92.11% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

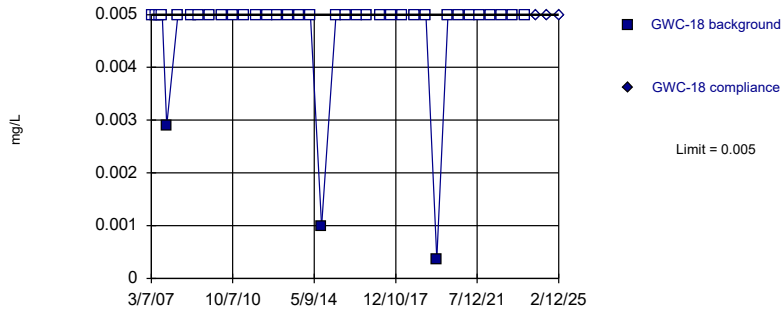
Constituent: Copper Analysis Run 4/24/2025 10:21 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

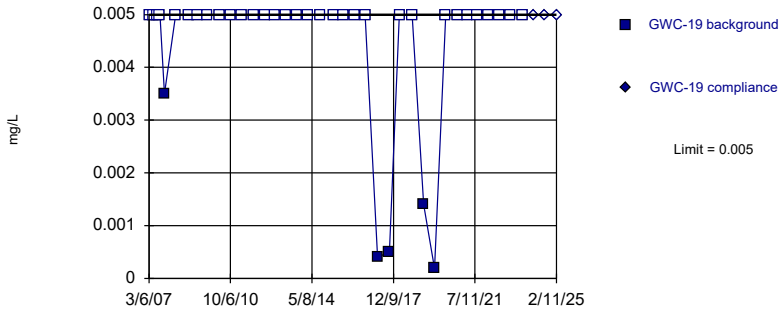
Constituent: Copper Analysis Run 4/24/2025 10:21 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 37 background values. 86.49% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

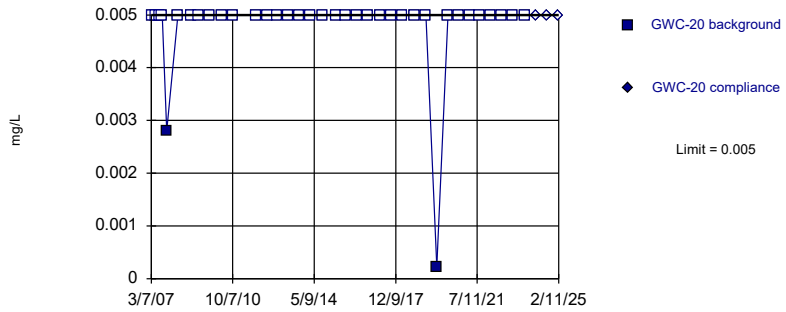
Constituent: Copper Analysis Run 4/24/2025 10:21 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 36 background values. 94.44% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

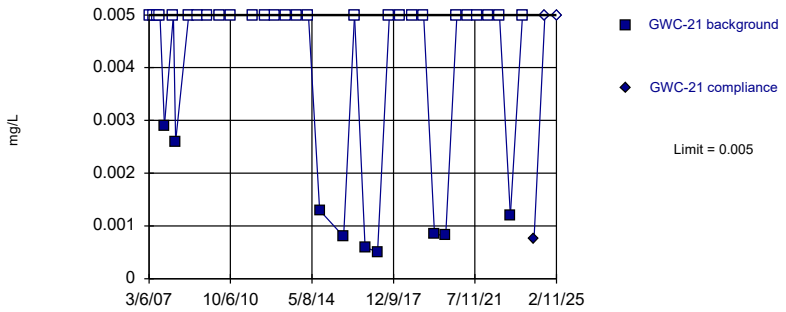
Constituent: Copper Analysis Run 4/24/2025 10:21 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 36 background values. 75% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

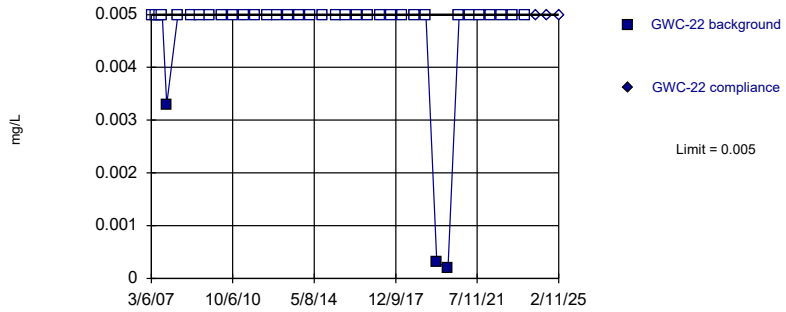
Constituent: Copper Analysis Run 4/24/2025 10:21 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

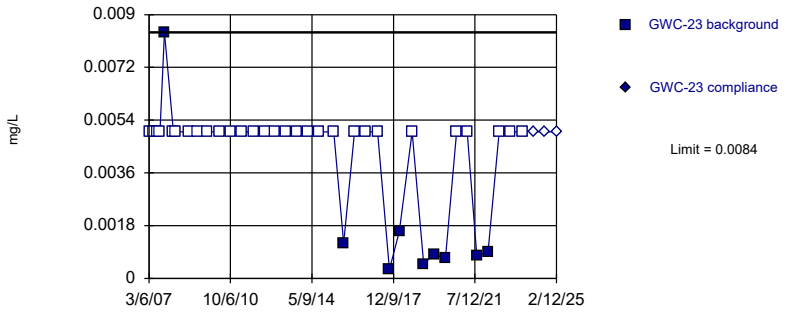
Constituent: Copper Analysis Run 4/24/2025 10:21 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



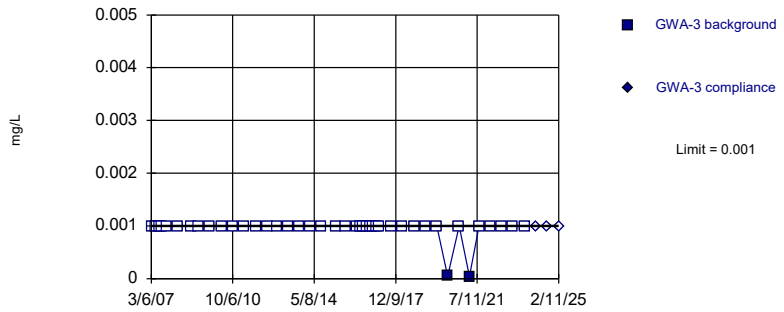
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 76.32% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Copper Analysis Run 4/24/2025 10:21 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



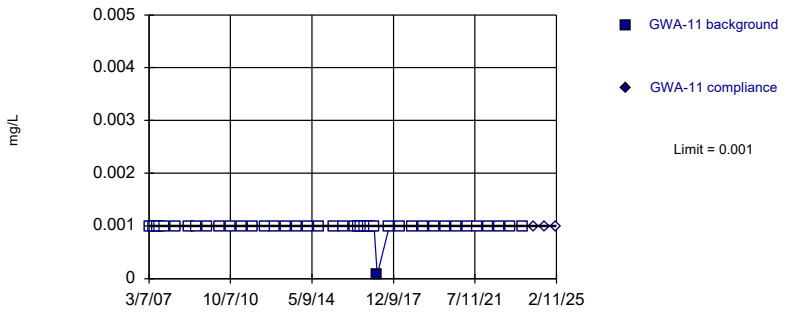
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Lead Analysis Run 4/24/2025 10:21 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



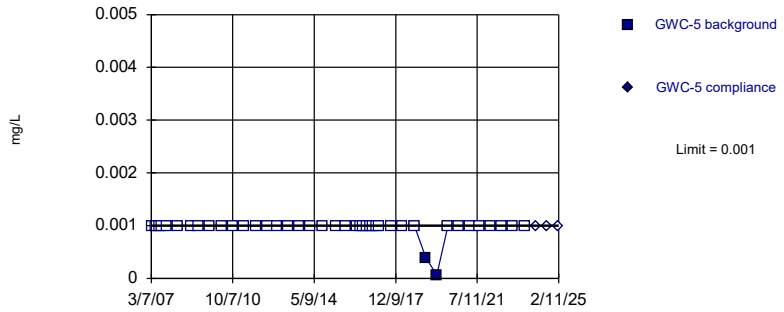
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Lead Analysis Run 4/24/2025 10:21 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 42 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

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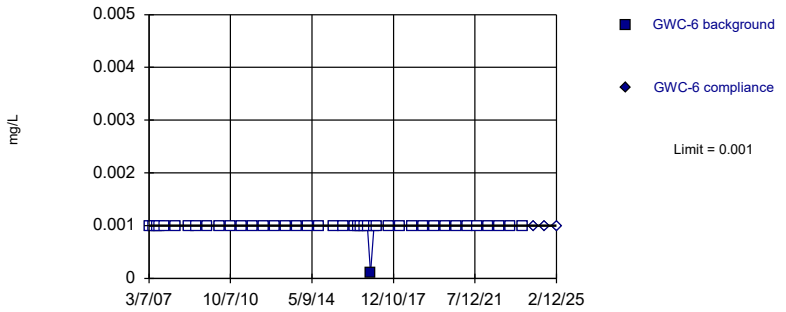
Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

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Plant Hammond Client: Southern Company Data: Huffaker Road LF

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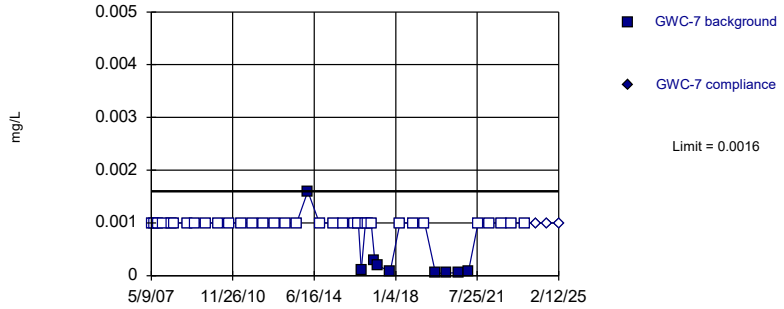
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 78.57% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

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Plant Hammond Client: Southern Company Data: Huffaker Road LF

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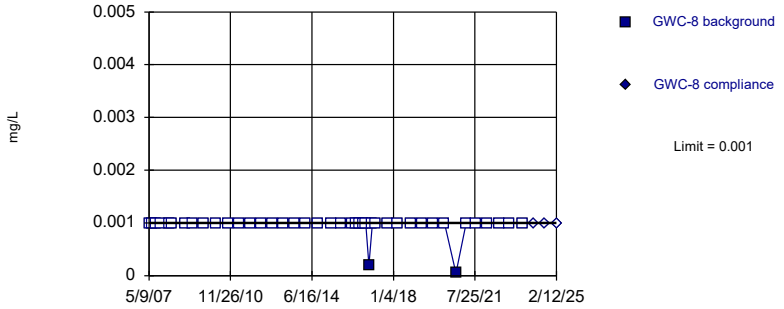
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Lead Analysis Run 4/24/2025 10:21 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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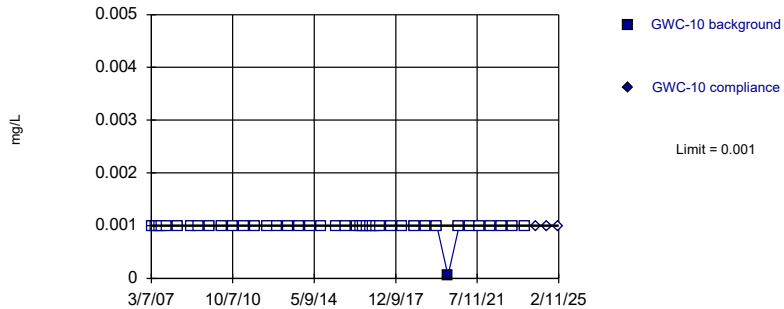
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Lead Analysis Run 4/24/2025 10:21 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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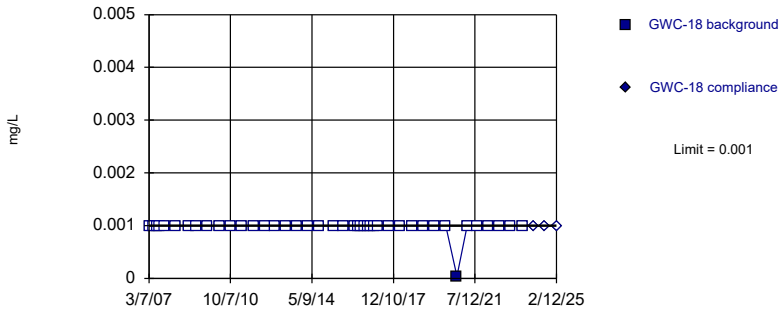
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Lead Analysis Run 4/24/2025 10:21 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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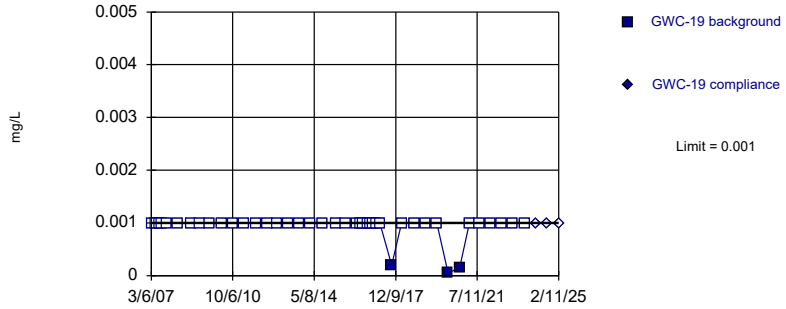
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

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Plant Hammond Client: Southern Company Data: Huffaker Road LF

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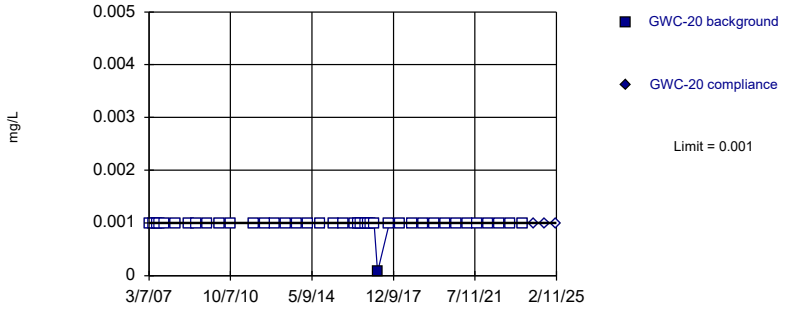
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 97.56% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Lead Analysis Run 4/24/2025 10:21 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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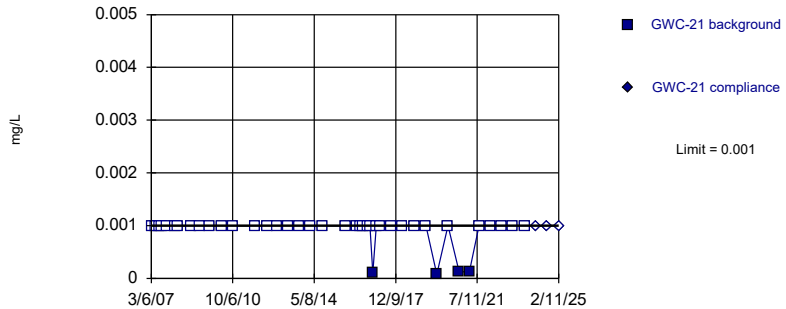
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 90.24% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Lead Analysis Run 4/24/2025 10:21 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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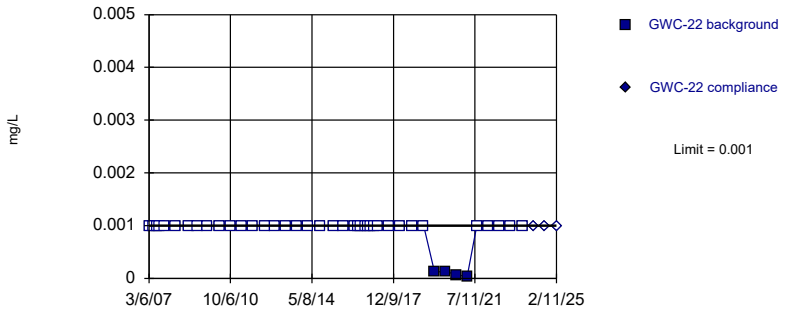
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



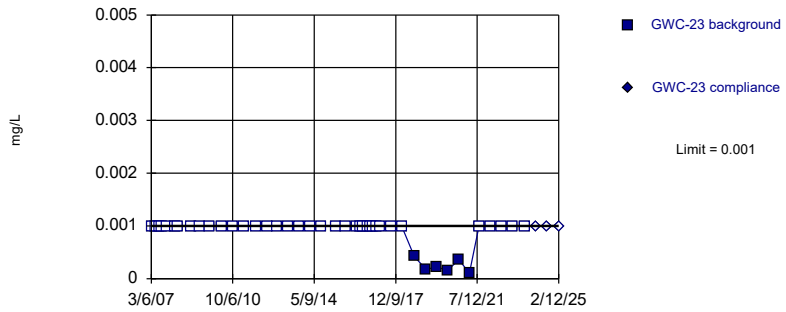
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Lead Analysis Run 4/24/2025 10:21 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



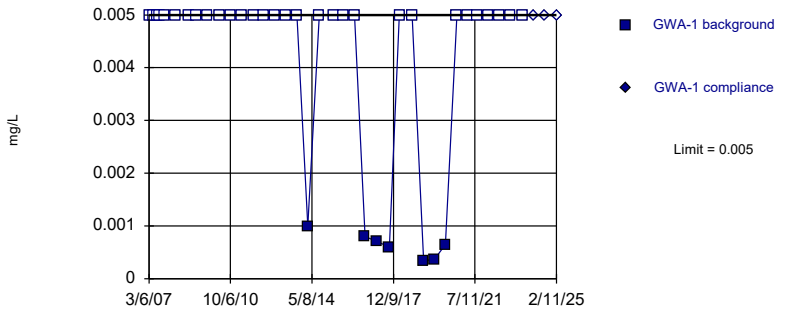
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 43 background values. 86.05% NDs. Well-constituent pair annual alpha = 0.002073. Individual comparison alpha = 0.001037 (1 of 2).

Constituent: Lead Analysis Run 4/24/2025 10:22 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



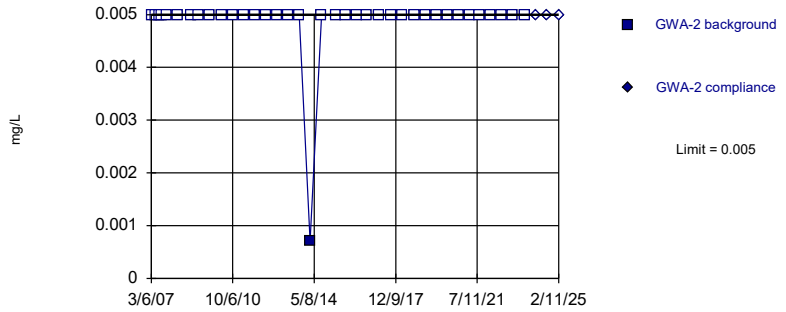
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 81.08% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Nickel Analysis Run 4/24/2025 10:22 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



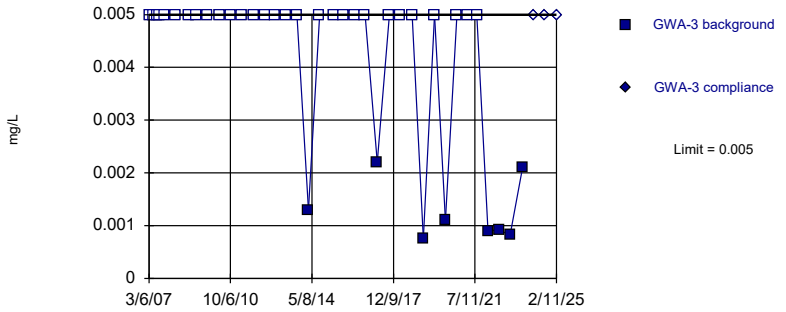
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Nickel Analysis Run 4/24/2025 10:22 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 37 background values. 78.38% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

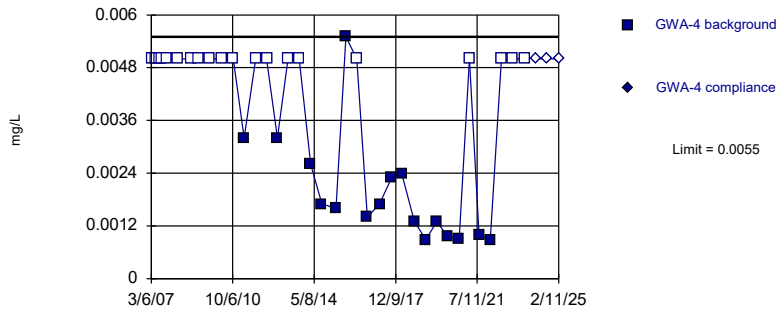
Constituent: Nickel Analysis Run 4/24/2025 10:22 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 37 background values. 54.05% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

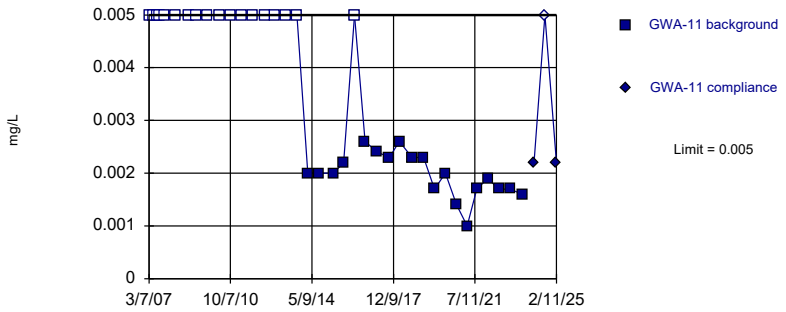
Constituent: Nickel Analysis Run 4/24/2025 10:22 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 37 background values. 48.65% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

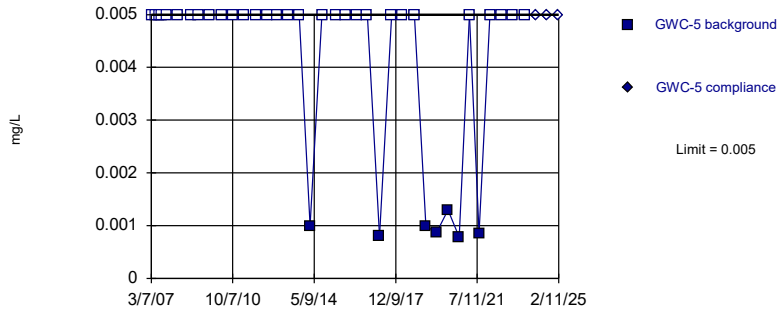
Constituent: Nickel Analysis Run 4/24/2025 10:22 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 37 background values. 81.08% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

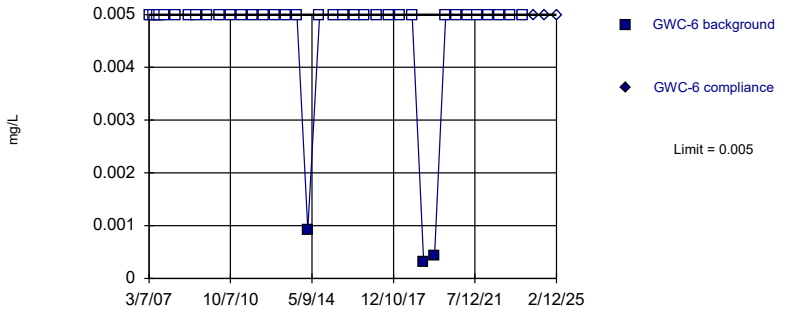
Constituent: Nickel Analysis Run 4/24/2025 10:22 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

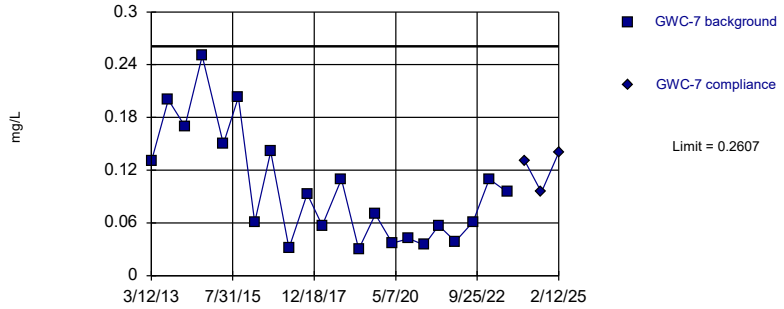
Constituent: Nickel Analysis Run 4/24/2025 10:22 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.09873, Std. Dev.=0.06395, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8961, critical = 0.878. Kappa = 2.533 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

Constituent: Nickel Analysis Run 4/24/2025 10:22 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

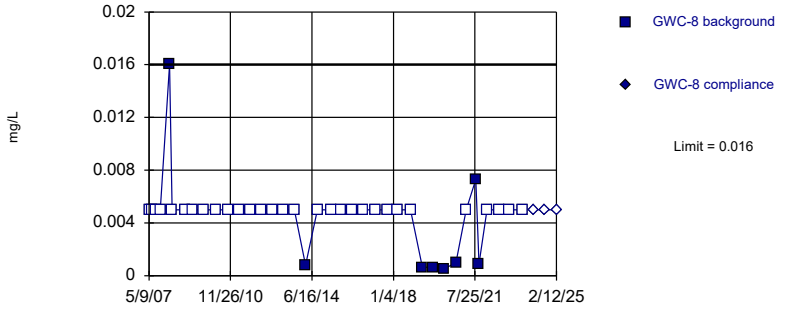
Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

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. 78.95% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Nickel Analysis Run 4/24/2025 10:22 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

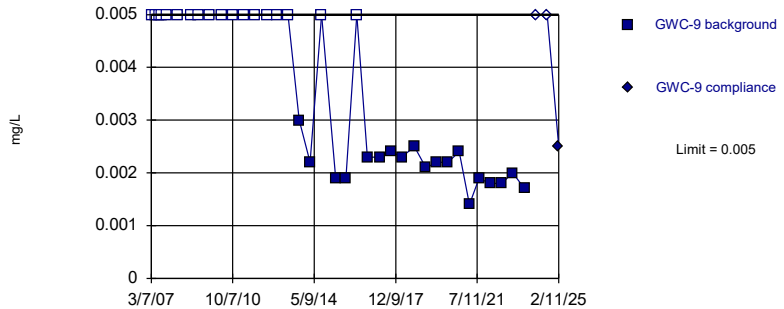
Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 37 background values. 48.65% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Nickel Analysis Run 4/24/2025 10:22 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

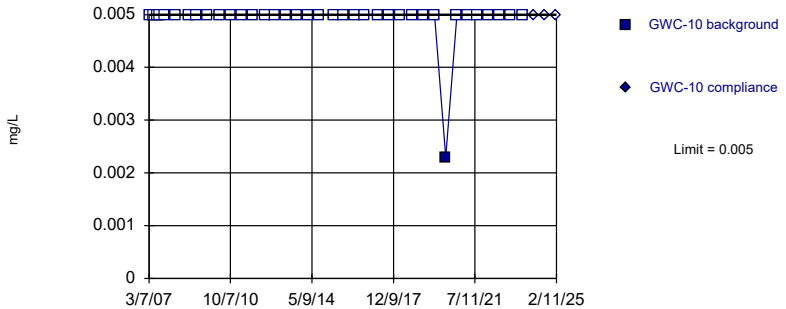
Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

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 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

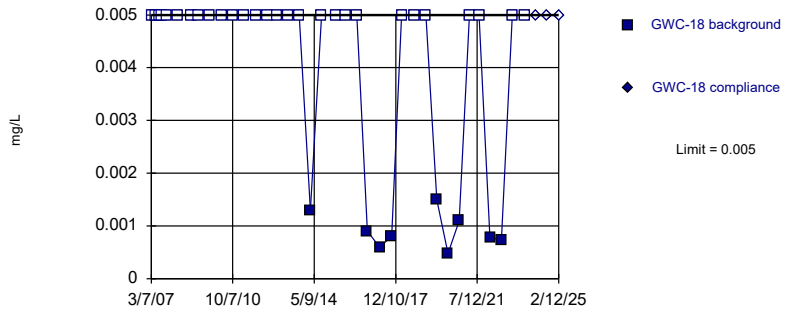
Constituent: Nickel Analysis Run 4/24/2025 10:22 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



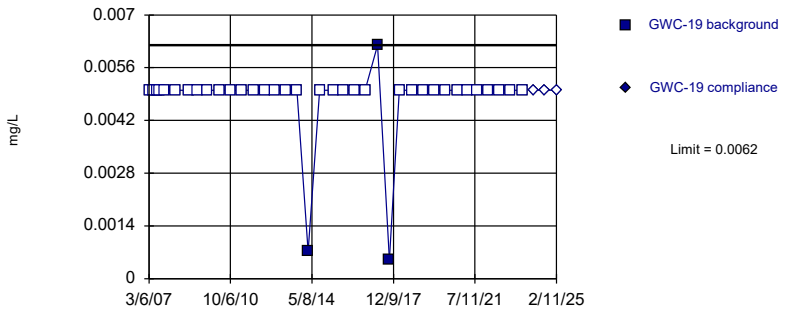
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 75.68% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Nickel Analysis Run 4/24/2025 10:22 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



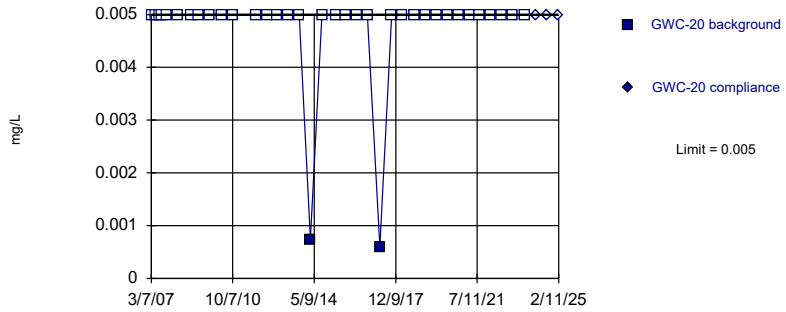
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Nickel Analysis Run 4/24/2025 10:22 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



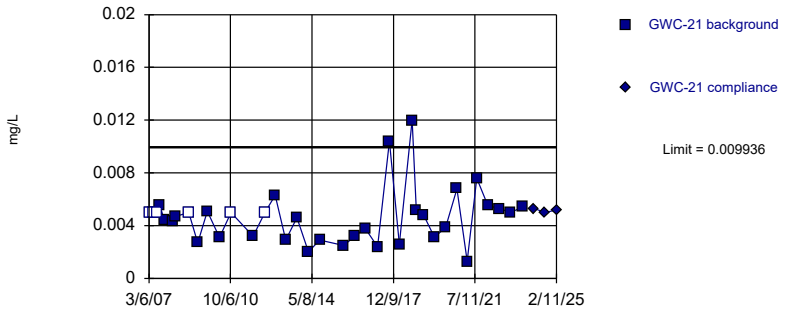
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 94.44% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Nickel Analysis Run 4/24/2025 10:22 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Parametric



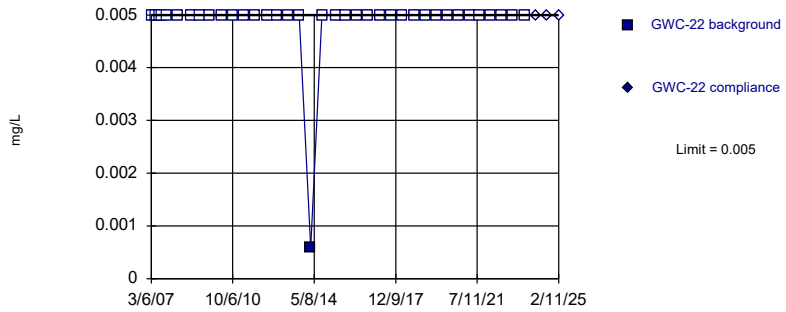
Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.06313, Std. Dev.=0.01563, n=37, 16.22% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9379, critical = 0.914. Kappa = 2.338 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

Constituent: Nickel Analysis Run 4/24/2025 10:22 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



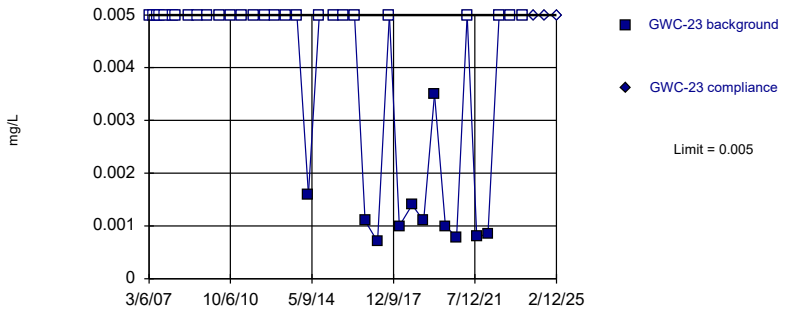
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Nickel Analysis Run 4/24/2025 10:22 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



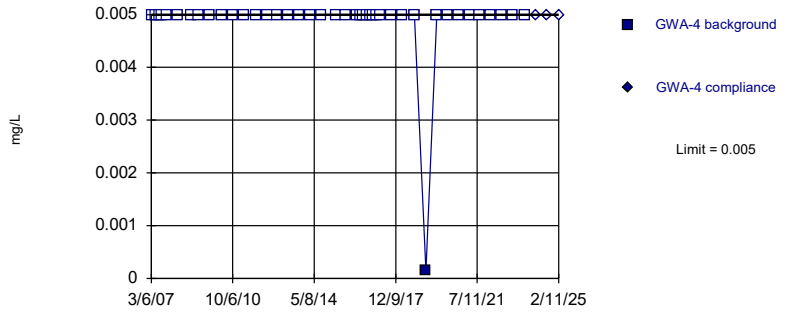
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 71.05% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Nickel Analysis Run 4/24/2025 10:22 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



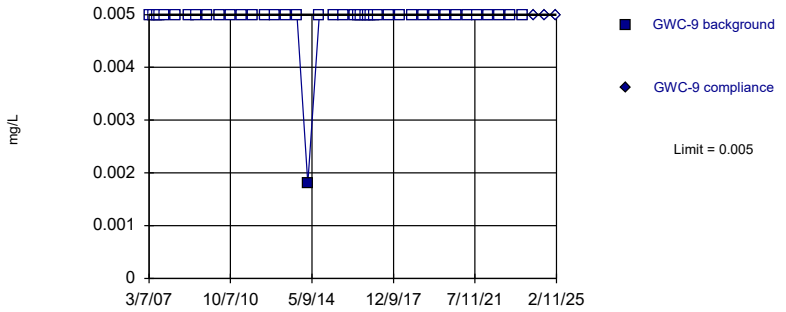
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Selenium Analysis Run 4/24/2025 10:22 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

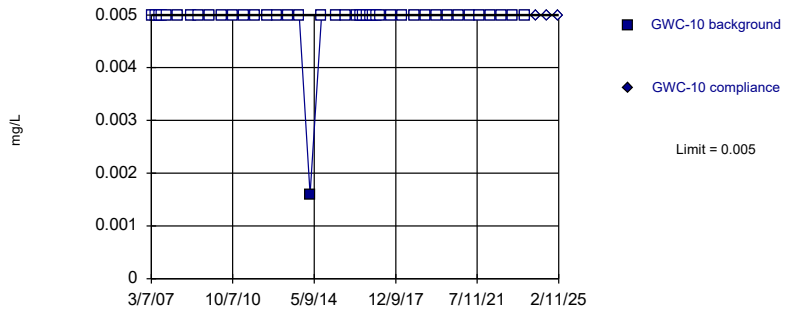
Constituent: Selenium Analysis Run 4/24/2025 10:22 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

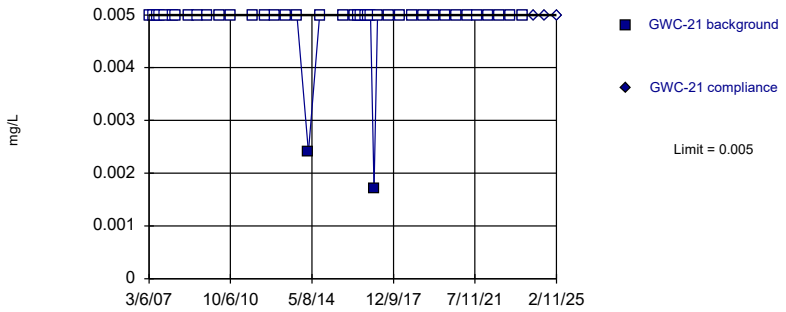
Constituent: Selenium Analysis Run 4/24/2025 10:22 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 41 background values. 95.12% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

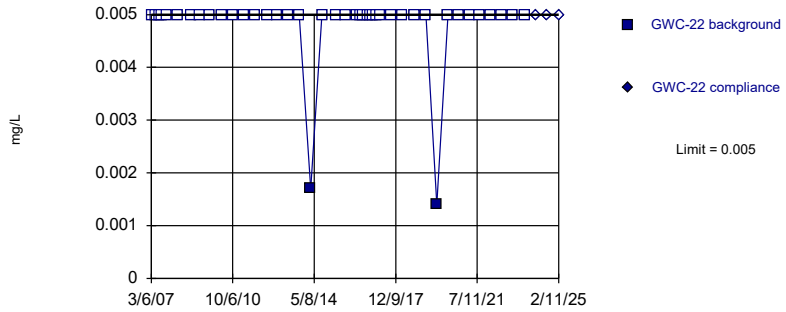
Constituent: Selenium Analysis Run 4/24/2025 10:22 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 42 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

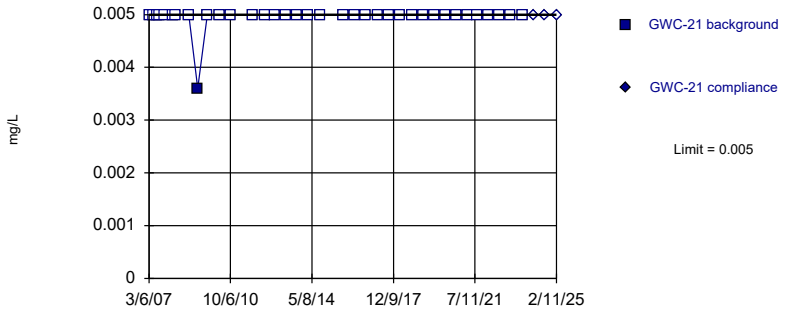
Constituent: Selenium Analysis Run 4/24/2025 10:22 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



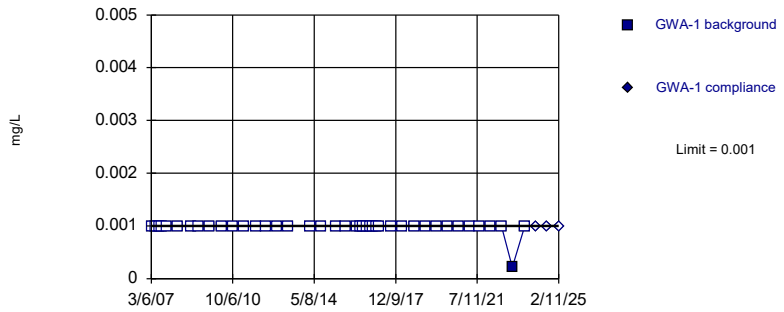
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 97.22% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Silver Analysis Run 4/24/2025 10:22 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



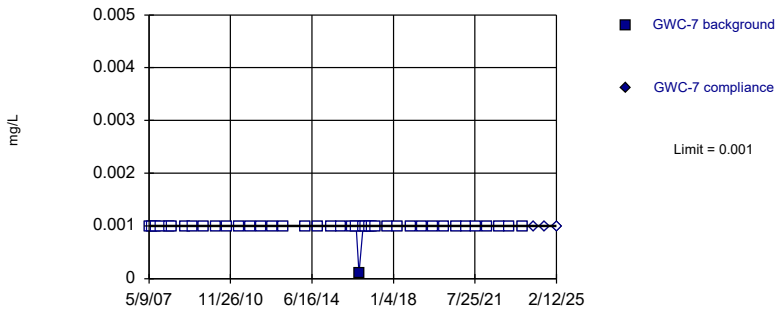
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 97.56% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Thallium Analysis Run 4/24/2025 10:22 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



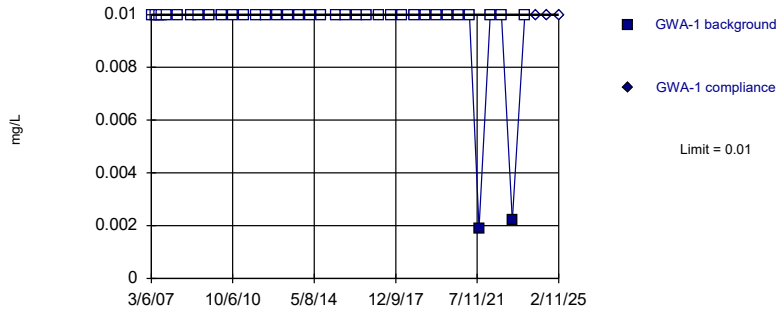
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 97.56% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Thallium Analysis Run 4/24/2025 10:22 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



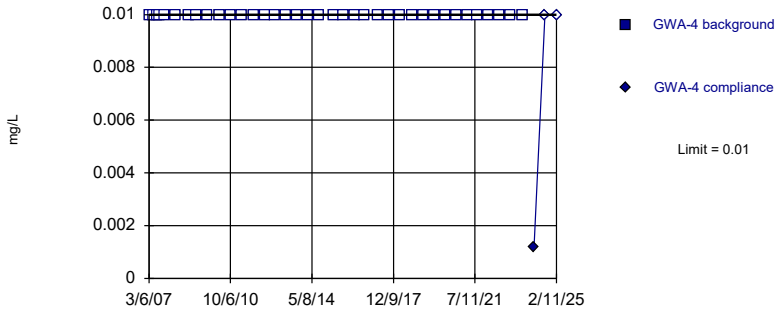
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 94.59% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Vanadium Analysis Run 4/24/2025 10:22 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 = 37) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

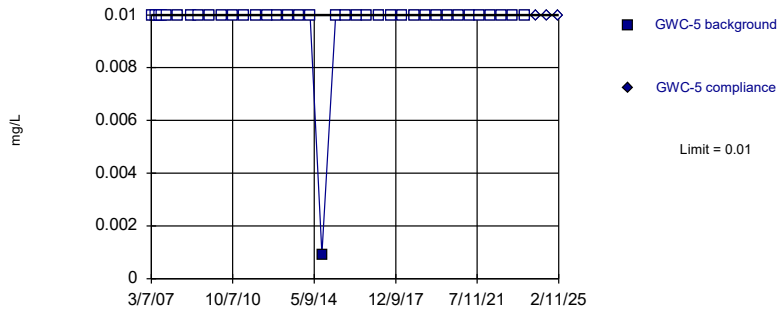
Constituent: Vanadium Analysis Run 4/24/2025 10:22 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Vanadium Analysis Run 4/24/2025 10:22 AM View: Appendix I Intrawell

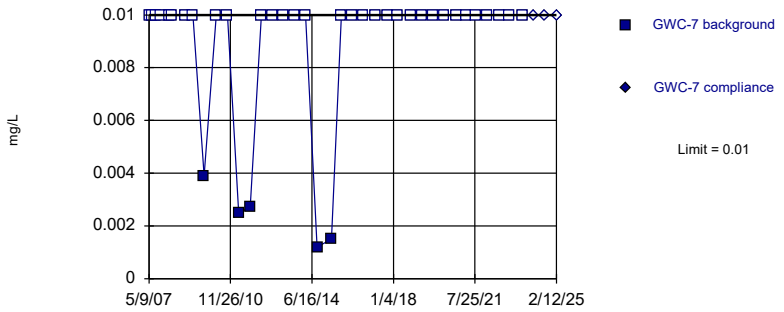
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 37 background values. 86.49% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Vanadium Analysis Run 4/24/2025 10:22 AM View: Appendix I Intrawell

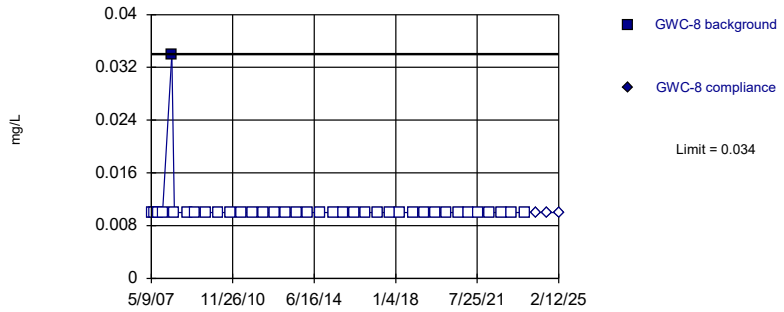
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Vanadium Analysis Run 4/24/2025 10:22 AM View: Appendix I Intrawell

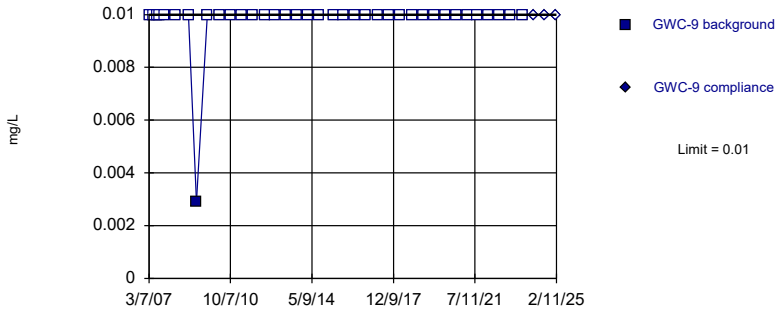
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Vanadium Analysis Run 4/24/2025 10:22 AM View: Appendix I Intrawell

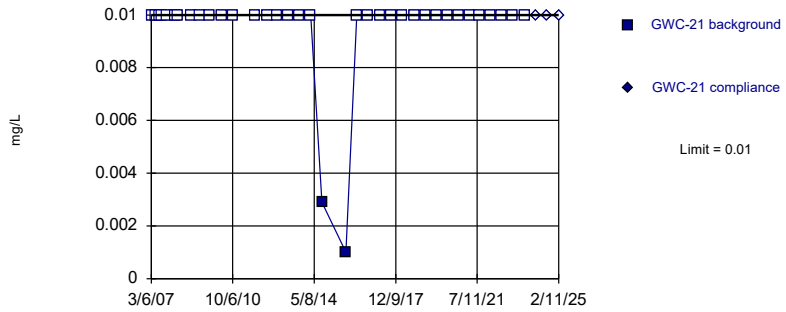
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 36 background values. 94.44% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

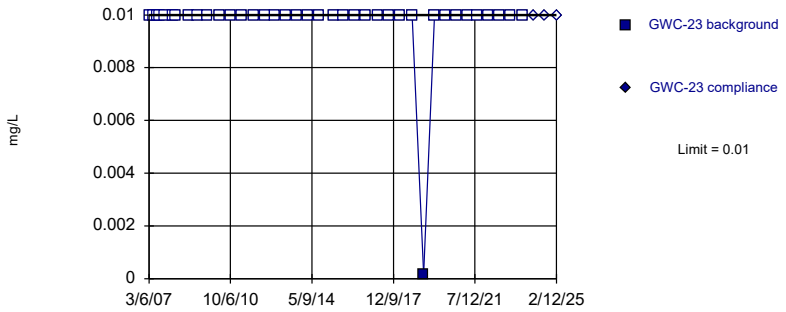
Constituent: Vanadium Analysis Run 4/24/2025 10:22 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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).

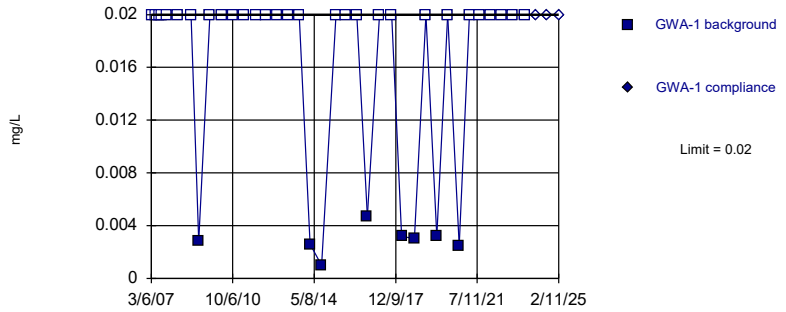
Constituent: Vanadium Analysis Run 4/24/2025 10:22 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 37 background values. 78.38% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

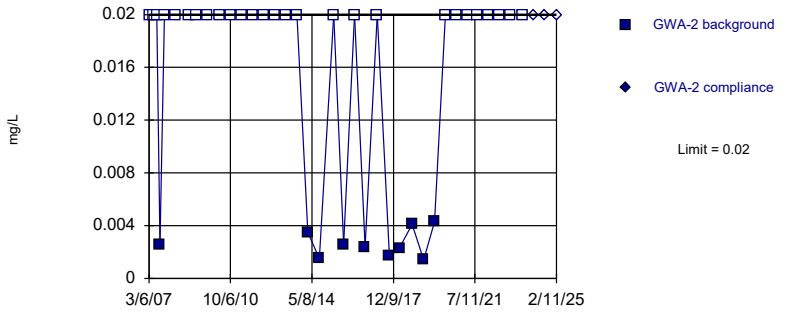
Constituent: Zinc Analysis Run 4/24/2025 10:22 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 37 background values. 72.97% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

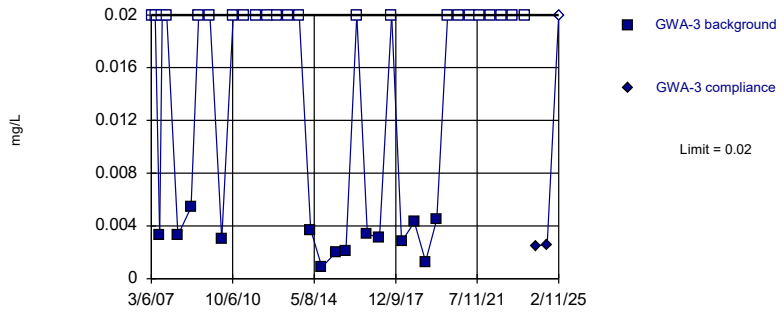
Constituent: Zinc Analysis Run 4/24/2025 10:22 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 37 background values. 62.16% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

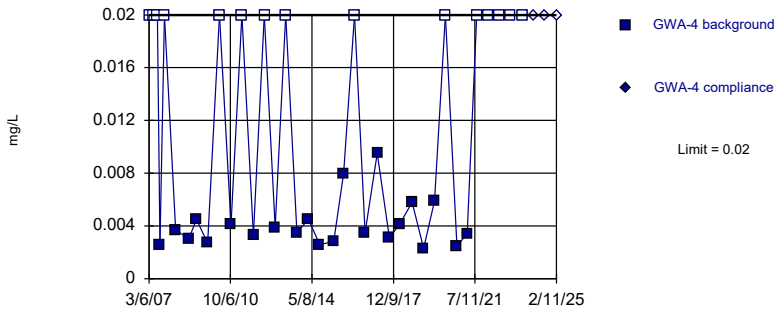
Constituent: Zinc Analysis Run 4/24/2025 10:22 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 37 background values. 40.54% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

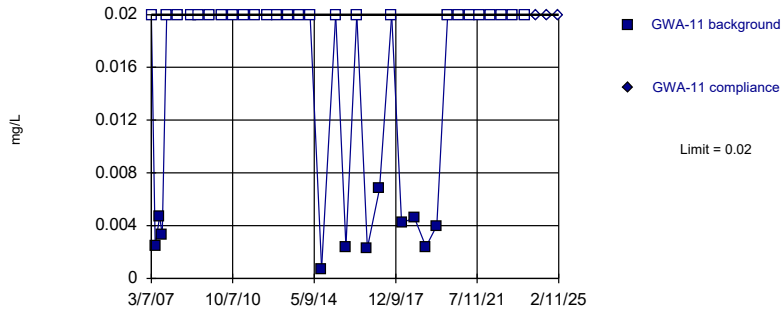
Constituent: Zinc Analysis Run 4/24/2025 10:22 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 37 background values. 70.27% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

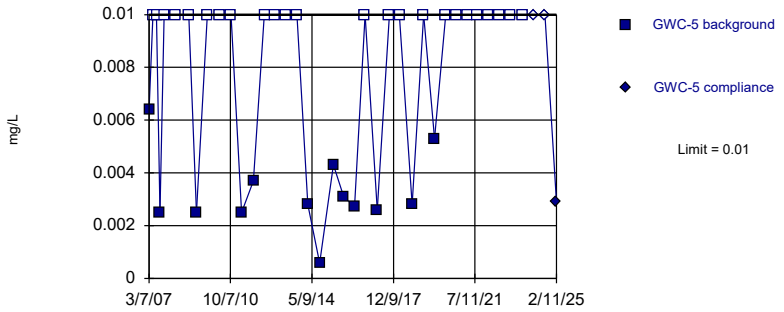
Constituent: Zinc Analysis Run 4/24/2025 10:22 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 37 background values. 64.86% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

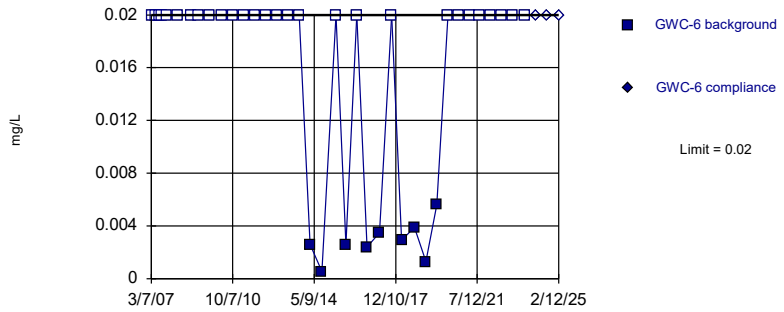
Constituent: Zinc Analysis Run 4/24/2025 10:22 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 37 background values. 75.68% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Zinc Analysis Run 4/24/2025 10:22 AM View: Appendix I Intrawell

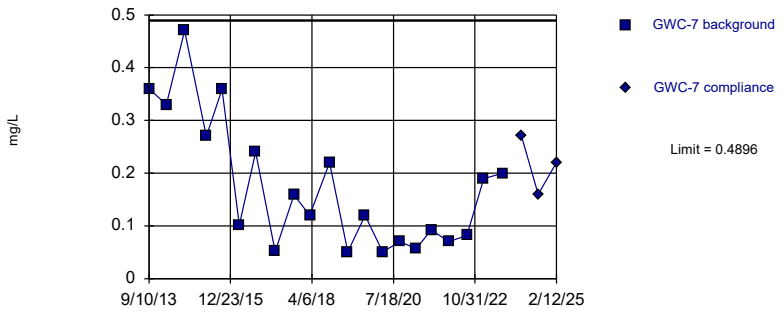
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.1745, Std. Dev.=0.1234, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8818, critical = 0.873. Kappa = 2.554 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

Constituent: Zinc Analysis Run 4/24/2025 10:22 AM View: Appendix I Intrawell

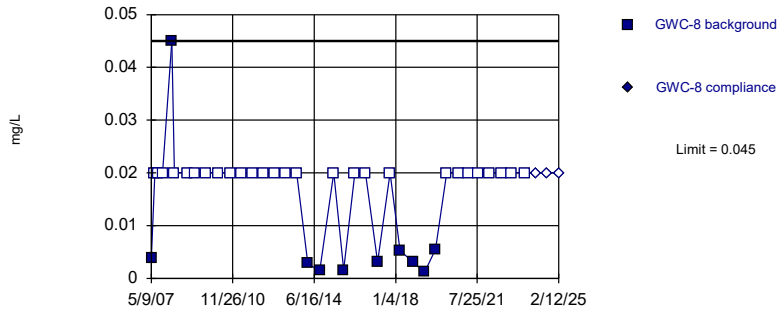
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 37 background values. 72.97% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Zinc Analysis Run 4/24/2025 10:22 AM View: Appendix I Intrawell

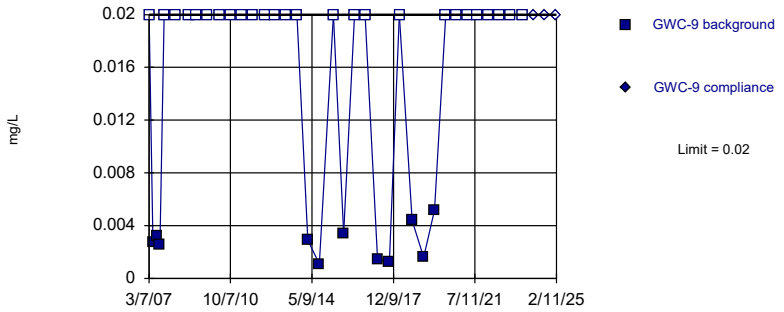
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 37 background values. 70.27% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

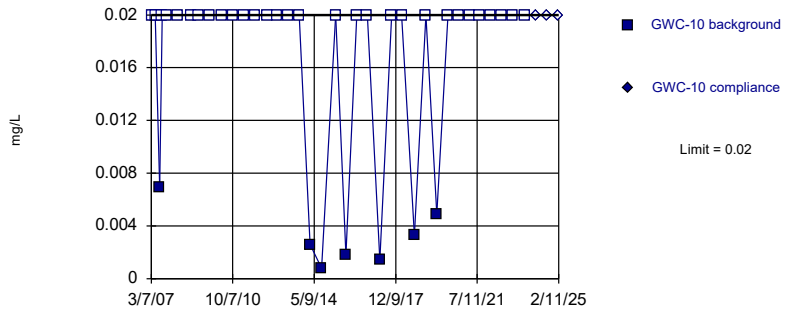
Constituent: Zinc Analysis Run 4/24/2025 10:22 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



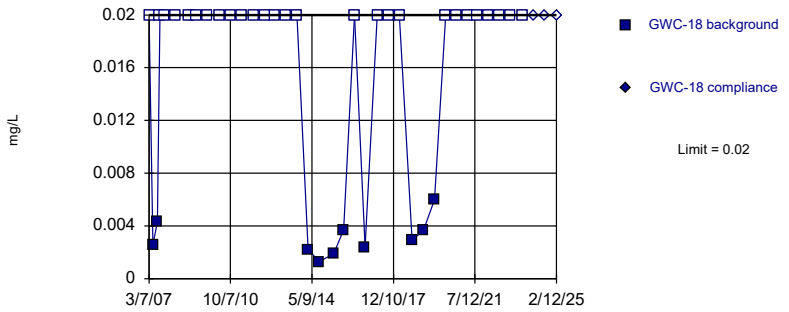
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 81.08% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Zinc Analysis Run 4/24/2025 10:22 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



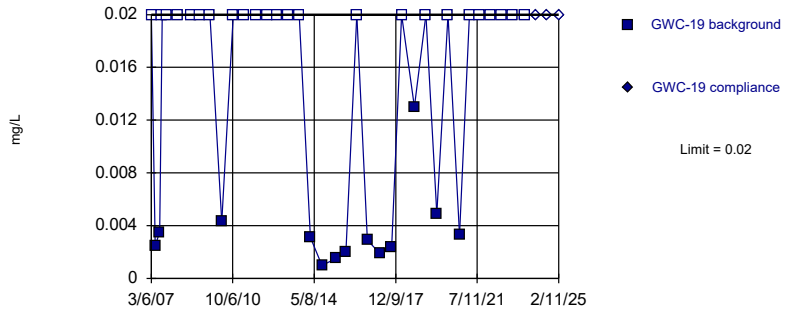
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 72.97% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Zinc Analysis Run 4/24/2025 10:22 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



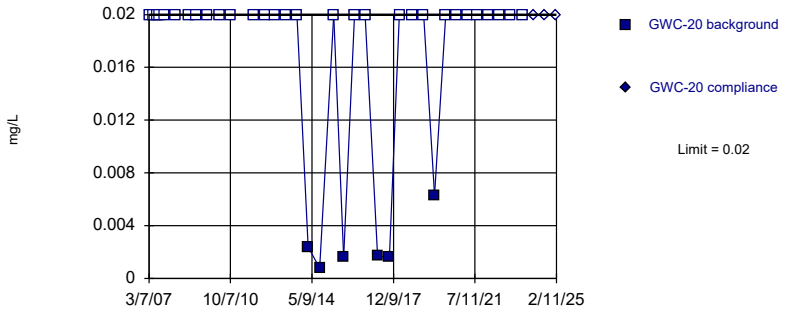
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 64.86% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Zinc Analysis Run 4/24/2025 10:22 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 36 background values. 83.33% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

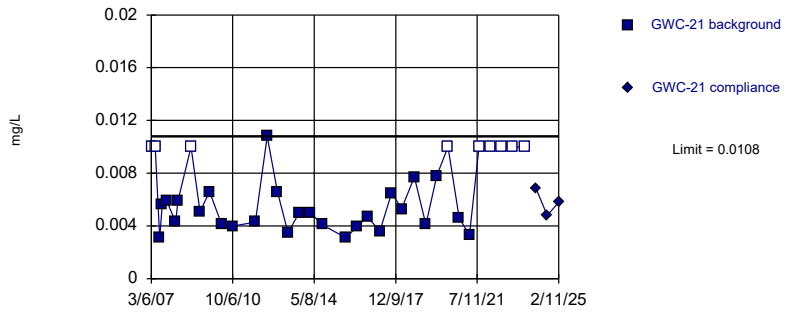
Constituent: Zinc Analysis Run 4/24/2025 10:22 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 36 background values. 25% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

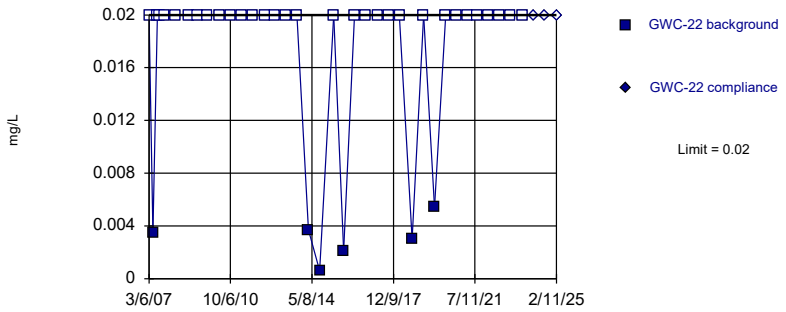
Constituent: Zinc Analysis Run 4/24/2025 10:23 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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 37 background values. 83.78% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

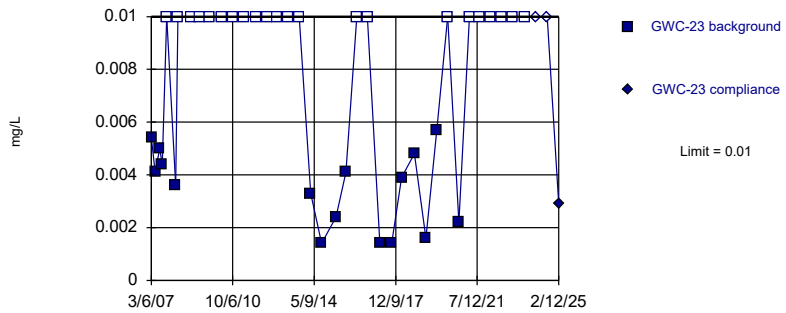
Constituent: Zinc Analysis Run 4/24/2025 10:23 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.0.24 Software licensed to 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. 57.89% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Zinc Analysis Run 4/24/2025 10:23 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1	GWA-1
3/6/2007	<0.003	
5/8/2007	<0.003	
7/7/2007	<0.003	
8/28/2007	<0.003	
11/6/2007	<0.003	
5/9/2008	<0.003	
12/3/2008	<0.003	
4/7/2009	<0.003	
10/1/2009	<0.003	
4/14/2010	<0.003	
10/13/2010	<0.003	
4/6/2011	<0.003	
10/10/2011	<0.003	
4/3/2012	<0.003	
9/24/2012	<0.003	
3/12/2013	<0.003	
9/11/2013	<0.003	
3/4/2014	<0.003	
9/3/2014	<0.003	
4/21/2015	<0.003	
9/30/2015	<0.003	
3/22/2016	<0.003	
5/17/2016	<0.003	
7/5/2016	<0.003	
9/7/2016	<0.003	
10/18/2016	<0.003	
12/6/2016	<0.003	
1/31/2017	<0.003	
3/23/2017	<0.003	
10/4/2017	<0.003	
3/14/2018	<0.003	
10/4/2018	<0.003	
4/8/2019	<0.003	
9/30/2019	<0.003	
3/26/2020	0.00028 (J)	
9/23/2020	<0.003	
3/8/2021	<0.003	
8/9/2021	<0.003	
2/4/2022	<0.003	
8/8/2022	0.00084 (J)	
1/30/2023	<0.003	
8/14/2023	0.0028 (J)	
2/19/2024		<0.003
8/11/2024		<0.003
2/11/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	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	
4/13/2010	<0.003	
10/7/2010	<0.003	
4/6/2011	<0.003	
10/6/2011	<0.003	
4/3/2012	<0.003	
9/19/2012	<0.003	
3/12/2013	<0.003	
9/9/2013	<0.003	
3/4/2014	<0.003	
9/3/2014	<0.003	
4/22/2015	<0.003	
9/30/2015	<0.003	
3/22/2016	<0.003	
5/17/2016	<0.003	
7/5/2016	<0.003	
9/7/2016	0.0021 (J)	
10/18/2016	<0.003	
12/7/2016	<0.003	
1/31/2017	<0.003	
3/23/2017	<0.003	
10/4/2017	<0.003	
3/14/2018	<0.003	
10/4/2018	<0.003	
4/8/2019	<0.003	
9/30/2019	<0.003	
3/26/2020	0.00049 (J)	
9/21/2020	<0.003	
3/9/2021	<0.003	
8/9/2021	0.0023 (J)	
2/4/2022	<0.003	
8/8/2022	<0.003	
1/30/2023	<0.003	
8/14/2023	<0.003	
2/19/2024		<0.003
8/10/2024		<0.003
2/11/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-3	GWA-3
3/6/2007	<0.003	
5/8/2007	<0.003	
7/17/2007	<0.003	
8/28/2007	<0.003	
11/6/2007	<0.003	
5/8/2008	<0.003	
12/3/2008	<0.003	
4/7/2009	<0.003	
10/2/2009	<0.003	
4/14/2010	<0.003	
10/14/2010	<0.003	
4/5/2011	<0.003	
10/12/2011	<0.003	
4/4/2012	<0.003	
9/26/2012	<0.003	
3/12/2013	<0.003	
9/10/2013	<0.003	
3/11/2014	<0.003	
9/8/2014	<0.003	
4/21/2015	<0.003	
9/29/2015	<0.003	
3/22/2016	<0.003	
5/17/2016	<0.003	
7/5/2016	<0.003	
9/7/2016	0.0009 (J)	
10/18/2016	<0.003	
12/6/2016	<0.003	
2/1/2017	<0.003	
3/23/2017	<0.003	
10/4/2017	<0.003	
3/15/2018	<0.003	
10/4/2018	<0.003	
4/5/2019	<0.003	
9/30/2019	<0.003	
3/26/2020	<0.003	
9/23/2020	<0.003	
3/8/2021	<0.003	
8/9/2021	<0.003	
2/4/2022	<0.003	
8/8/2022	<0.003	
1/30/2023	<0.003	
8/14/2023	<0.003	
2/19/2024		<0.003
8/11/2024		<0.003
2/11/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-4	GWA-4
3/6/2007	<0.003	
5/8/2007	<0.003	
7/17/2007	<0.003	
8/28/2007	<0.003	
11/6/2007	<0.003	
5/8/2008	<0.003	
12/3/2008	<0.003	
4/7/2009	<0.003	
10/2/2009	<0.003	
4/14/2010	<0.003	
10/14/2010	<0.003	
4/5/2011	<0.003	
10/12/2011	<0.003	
4/4/2012	<0.003	
9/24/2012	<0.003	
3/12/2013	<0.003	
9/10/2013	<0.003	
3/11/2014	<0.003	
9/8/2014	<0.003	
4/21/2015	<0.003	
9/29/2015	<0.003	
3/22/2016	<0.003	
5/17/2016	<0.003	
7/6/2016	0.0003 (J)	
9/7/2016	<0.003	
10/18/2016	<0.003	
12/6/2016	<0.003	
2/1/2017	<0.003	
3/24/2017	<0.003	
10/4/2017	<0.003	
3/15/2018	<0.003	
10/4/2018	<0.003	
4/8/2019	<0.003	
9/30/2019	<0.003	
3/26/2020	<0.003	
9/23/2020	<0.003	
3/8/2021	0.0016 (J)	
8/9/2021	<0.003	
2/4/2022	<0.003	
8/8/2022	<0.003	
1/30/2023	<0.003	
8/14/2023	<0.003	
2/19/2024		<0.003
8/11/2024		<0.003
2/11/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-11	GWA-11
3/7/2007	<0.003	
5/8/2007	<0.003	
7/17/2007	<0.003	
8/28/2007	<0.003	
11/7/2007	<0.003	
5/9/2008	<0.003	
12/2/2008	<0.003	
4/8/2009	<0.003	
10/1/2009	<0.003	
4/14/2010	<0.003	
10/13/2010	<0.003	
4/6/2011	<0.003	
10/4/2011	<0.003	
4/10/2012	<0.003	
9/26/2012	<0.003	
3/12/2013	<0.003	
9/10/2013	<0.003	
3/4/2014	<0.003	
9/3/2014	<0.003	
4/21/2015	<0.003	
9/29/2015	<0.003	
3/22/2016	<0.003	
5/17/2016	<0.003	
7/6/2016	0.0003 (J)	
9/7/2016	<0.003	
10/18/2016	<0.003	
12/6/2016	<0.003	
2/1/2017	<0.003	
3/24/2017	<0.003	
10/5/2017	<0.003	
3/15/2018	<0.003	
10/4/2018	<0.003	
4/8/2019	<0.003	
9/30/2019	<0.003	
3/26/2020	<0.003	
9/22/2020	<0.003	
3/8/2021	0.0005 (J)	
8/10/2021	<0.003	
2/4/2022	<0.003	
8/8/2022	<0.003	
1/30/2023	<0.003	
8/14/2023	<0.003	
2/19/2024		<0.003
8/11/2024		<0.003
2/11/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-5	GWC-5
3/7/2007	<0.003	
5/8/2007	<0.003	
7/6/2007	<0.003	
8/28/2007	<0.003	
11/6/2007	<0.003	
5/8/2008	<0.003	
12/3/2008	<0.003	
4/7/2009	<0.003	
10/1/2009	<0.003	
4/14/2010	<0.003	
10/14/2010	<0.003	
4/5/2011	<0.003	
10/12/2011	<0.003	
4/4/2012	<0.003	
9/24/2012	<0.003	
3/12/2013	<0.003	
9/10/2013	<0.003	
3/5/2014	<0.003	
9/9/2014	<0.003	
4/21/2015	<0.003	
9/29/2015	<0.003	
3/23/2016	<0.003	
5/17/2016	<0.003	
7/6/2016	0.0004 (J)	
9/7/2016	<0.003	
10/18/2016	<0.003	
12/8/2016	<0.003	
2/1/2017	<0.003	
3/23/2017	<0.003	
10/4/2017	<0.003	
3/16/2018	<0.003	
10/4/2018	<0.003	
4/9/2019	<0.003	
10/1/2019	<0.003	
3/31/2020	<0.003	
9/25/2020	0.00052 (J)	
3/9/2021	<0.003	
8/10/2021	<0.003	
2/4/2022	<0.003	
8/9/2022	<0.003	
1/31/2023	<0.003	
8/15/2023	<0.003	
2/20/2024		<0.003
8/12/2024		<0.003
2/11/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-6	GWC-6
3/7/2007	<0.003	
5/9/2007	<0.003	
7/17/2007	<0.003	
8/28/2007	<0.003	
11/6/2007	<0.003	
5/8/2008	<0.003	
12/3/2008	<0.003	
4/7/2009	<0.003	
10/1/2009	<0.003	
4/13/2010	<0.003	
10/6/2010	<0.003	
4/5/2011	<0.003	
10/4/2011	<0.003	
4/3/2012	<0.003	
9/18/2012	<0.003	
3/12/2013	<0.003	
9/9/2013	<0.003	
3/5/2014	<0.003	
9/8/2014	<0.003	
4/22/2015	<0.003	
9/29/2015	<0.003	
3/23/2016	<0.003	
5/17/2016	<0.003	
7/6/2016	0.0005 (J)	
9/7/2016	<0.003	
10/18/2016	<0.003	
12/8/2016	<0.003	
2/1/2017	<0.003	
3/23/2017	<0.003	
10/4/2017	<0.003	
3/16/2018	<0.003	
10/4/2018	<0.003	
4/8/2019	<0.003	
10/1/2019	<0.003	
3/31/2020	<0.003	
9/25/2020	<0.003	
3/9/2021	<0.003	
8/10/2021	<0.003	
2/4/2022	<0.003	
8/8/2022	<0.003	
1/31/2023	<0.003	
8/14/2023	<0.003	
2/21/2024		<0.003
8/12/2024		<0.003
2/12/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-7	GWC-7
5/9/2007	<0.003	
7/6/2007	<0.003	
8/28/2007	<0.003	
11/6/2007	<0.003	
3/31/2008	<0.003	
5/8/2008	<0.003	
12/2/2008	<0.003	
4/8/2009	<0.003	
10/1/2009	<0.003	
4/13/2010	<0.003	
10/7/2010	<0.003	
4/5/2011	<0.003	
10/4/2011	<0.003	
4/3/2012	<0.003	
9/18/2012	<0.003	
3/12/2013	<0.003	
9/10/2013	<0.003	
3/5/2014	<0.003	
9/8/2014	<0.003	
4/21/2015	<0.003	
9/29/2015	<0.003	
3/23/2016	<0.003	
5/18/2016	<0.003	
7/6/2016	0.0013 (J)	
9/7/2016	<0.003	
10/18/2016	<0.003	
12/8/2016	<0.003	
2/2/2017	<0.003	
3/24/2017	<0.003	
10/4/2017	<0.003	
3/15/2018	<0.003	
10/4/2018	<0.003	
4/8/2019	<0.003	
10/1/2019	<0.003	
3/30/2020	<0.003	
9/24/2020	0.0008 (J)	
3/9/2021	<0.003	
8/10/2021	<0.003	
2/4/2022	<0.003	
8/10/2022	<0.003	
1/31/2023	<0.003	
8/15/2023	<0.003	
2/21/2024		<0.003
8/11/2024		0.0019 (J)
2/12/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	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)	
3/31/2008	<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	
4/3/2012	<0.003	
9/19/2012	<0.003	
3/12/2013	<0.003	
9/10/2013	<0.003	
3/5/2014	<0.003	
9/9/2014	<0.003	
4/22/2015	<0.003	
9/29/2015	<0.003	
3/23/2016	<0.003	
5/18/2016	<0.003	
7/6/2016	0.0002 (J)	
9/8/2016	<0.003	
10/18/2016	<0.003	
12/8/2016	<0.003	
2/2/2017	<0.003	
3/24/2017	<0.003	
10/5/2017	<0.003	
3/14/2018	<0.003	
10/4/2018	<0.003	
4/8/2019	<0.003	
10/1/2019	<0.003	
3/27/2020	<0.003	
9/24/2020	0.0019 (J)	
3/9/2021	<0.003	
8/10/2021	<0.003	
2/4/2022	<0.003	
8/9/2022	<0.003	
1/31/2023	<0.003	
8/15/2023	<0.003	
2/21/2024		<0.003
8/11/2024		<0.003
2/12/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-9
3/7/2007	<0.003	
5/8/2007	<0.003	
7/6/2007	<0.003	
8/28/2007	<0.003	
11/6/2007	<0.003	
5/8/2008	<0.003	
12/2/2008	<0.003	
4/8/2009	<0.003	
9/30/2009	<0.003	
4/13/2010	<0.003	
10/13/2010	<0.003	
4/5/2011	<0.003	
10/4/2011	<0.003	
4/4/2012	<0.003	
9/19/2012	<0.003	
3/12/2013	<0.003	
9/10/2013	<0.003	
3/5/2014	<0.003	
9/3/2014	<0.003	
4/21/2015	<0.003	
9/29/2015	<0.003	
3/23/2016	<0.003	
5/18/2016	<0.003	
7/6/2016	<0.003	
9/8/2016	<0.003	
10/19/2016	<0.003	
12/8/2016	0.0012 (J)	
2/2/2017	<0.003	
3/27/2017	<0.003	
10/5/2017	<0.003	
3/15/2018	<0.003	
10/5/2018	<0.003	
4/8/2019	<0.003	
10/1/2019	<0.003	
3/27/2020	<0.003	
9/24/2020	0.00056 (J)	
3/9/2021	<0.003	
8/10/2021	<0.003	
2/4/2022	<0.003	
8/9/2022	<0.003	
1/31/2023	<0.003	
8/15/2023	<0.003	
2/20/2024		<0.003
8/11/2024		<0.003
2/11/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	GWC-10
3/7/2007	<0.003	
5/8/2007	<0.003	
7/17/2007	<0.003	
8/28/2007	<0.003	
11/7/2007	<0.003	
5/9/2008	<0.003	
12/2/2008	<0.003	
4/8/2009	<0.003	
10/1/2009	<0.003	
4/14/2010	<0.003	
10/13/2010	<0.003	
4/6/2011	<0.003	
10/4/2011	<0.003	
4/10/2012	<0.003	
9/26/2012	<0.003	
3/12/2013	<0.003	
9/10/2013	<0.003	
3/4/2014	<0.003	
9/3/2014	<0.003	
4/21/2015	<0.003	
9/30/2015	<0.003	
3/23/2016	<0.003	
5/17/2016	<0.003	
7/6/2016	0.0005 (J)	
9/7/2016	<0.003	
10/18/2016	<0.003	
12/6/2016	<0.003	
2/2/2017	<0.003	
3/27/2017	<0.003	
10/5/2017	<0.003	
3/15/2018	<0.003	
10/4/2018	<0.003	
4/9/2019	<0.003	
10/1/2019	<0.003	
3/27/2020	<0.003	
9/25/2020	<0.003	
3/9/2021	<0.003	
8/10/2021	<0.003	
2/4/2022	<0.003	
8/9/2022	<0.003	
1/30/2023	<0.003	
8/14/2023	<0.003	
2/19/2024		<0.003
8/11/2024		<0.003
2/11/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-18	GWC-18
3/7/2007	<0.003	
5/9/2007	<0.003	
7/17/2007	<0.003	
8/28/2007	<0.003	
11/7/2007	<0.003	
5/7/2008	<0.003	
12/3/2008	<0.003	
4/14/2009	<0.003	
10/1/2009	<0.003	
4/13/2010	<0.003	
10/12/2010	<0.003	
4/6/2011	<0.003	
10/12/2011	<0.003	
4/5/2012	<0.003	
9/19/2012	<0.003	
3/13/2013	<0.003	
9/10/2013	<0.003	
3/10/2014	<0.003	
9/3/2014	<0.003	
4/22/2015	<0.003	
9/30/2015	<0.003	
3/24/2016	<0.003	
5/18/2016	<0.003	
7/7/2016	<0.003	
9/8/2016	<0.003	
10/19/2016	<0.003	
12/8/2016	<0.003	
2/2/2017	<0.003	
3/27/2017	<0.003	
10/5/2017	<0.003	
3/16/2018	<0.003	
10/5/2018	<0.003	
4/9/2019	<0.003	
10/1/2019	<0.003	
3/30/2020	<0.003	
9/24/2020	0.00033 (J)	
3/9/2021	<0.003	
8/10/2021	<0.003	
2/4/2022	<0.003	
8/9/2022	<0.003	
1/31/2023	<0.003	
8/15/2023	0.0028 (J)	
2/20/2024		<0.003
8/12/2024		<0.003
2/12/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-19	GWC-19
3/6/2007	<0.003	
5/9/2007	<0.003	
7/17/2007	<0.003	
8/28/2007	<0.003	
11/7/2007	<0.003	
5/7/2008	<0.003	
12/4/2008	<0.003	
4/14/2009	<0.003	
10/2/2009	<0.003	
4/13/2010	<0.003	
10/12/2010	<0.003	
4/6/2011	<0.003	
10/12/2011	<0.003	
4/5/2012	<0.003	
9/25/2012	<0.003	
3/13/2013	<0.003	
9/11/2013	<0.003	
3/10/2014	<0.003	
9/9/2014	<0.003	
4/22/2015	<0.003	
9/30/2015	<0.003	
3/24/2016	<0.003	
5/18/2016	<0.003	
7/6/2016	0.0003 (J)	
9/8/2016	<0.003	
10/18/2016	<0.003	
12/7/2016	<0.003	
2/2/2017	<0.003	
3/27/2017	<0.003	
10/5/2017	<0.003	
3/15/2018	<0.003	
10/4/2018	<0.003	
4/9/2019	<0.003	
10/1/2019	<0.003	
3/31/2020	<0.003	
9/28/2020	<0.003	
3/10/2021	<0.003	
8/10/2021	<0.003	
2/7/2022	<0.003	
8/9/2022	<0.003	
1/31/2023	<0.003	
8/15/2023	<0.003	
2/20/2024		<0.003
8/12/2024		<0.003
2/11/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-22	GWC-22
3/6/2007	<0.003	
5/9/2007	<0.003	
7/17/2007	<0.003	
8/29/2007	<0.003	
11/7/2007	<0.003	
5/7/2008	<0.003	
12/5/2008	<0.003	
4/14/2009	<0.003	
9/30/2009	<0.003	
4/13/2010	<0.003	
10/12/2010	<0.003	
4/6/2011	<0.003	
10/5/2011	<0.003	
4/9/2012	<0.003	
9/25/2012	<0.003	
3/13/2013	<0.003	
9/11/2013	<0.003	
3/11/2014	<0.003	
9/9/2014	<0.003	
4/23/2015	<0.003	
9/30/2015	<0.003	
3/23/2016	<0.003	
5/18/2016	<0.003	
7/7/2016	<0.003	
9/8/2016	<0.003	
10/19/2016	<0.003	
12/7/2016	<0.003	
2/2/2017	<0.003	
3/27/2017	<0.003	
10/5/2017	<0.003	
3/15/2018	<0.003	
10/4/2018	<0.003	
4/9/2019	<0.003	
10/1/2019	<0.003	
3/31/2020	<0.003	
9/23/2020	<0.003	
3/9/2021	<0.003	
8/10/2021	<0.003	
2/7/2022	<0.003	
8/9/2022	<0.003	
1/31/2023	<0.003	
8/15/2023	<0.003	
2/20/2024		0.0007 (J)
8/11/2024		<0.003
2/11/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-3	GWA-3
3/6/2007	<0.005	
5/8/2007	<0.005	
7/17/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/8/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/2/2009	<0.005	
4/14/2010	<0.005	
10/14/2010	<0.005	
4/5/2011	<0.005	
10/12/2011	<0.005	
4/4/2012	<0.005	
9/26/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/11/2014	0.005	
9/8/2014	0.0034 (J)	
4/21/2015	<0.005	
9/29/2015	0.0025 (J)	
3/22/2016	<0.005	
5/17/2016	0.00129 (J)	
7/5/2016	0.001 (J)	
9/7/2016	<0.005	
10/18/2016	<0.005	
12/6/2016	<0.005	
2/1/2017	<0.005	
3/23/2017	0.0006 (J)	
10/4/2017	0.0011 (J)	
3/15/2018	0.00066 (J)	
10/4/2018	0.0008 (J)	
4/5/2019	0.00035 (J)	
9/30/2019	0.00058 (J)	
3/26/2020	0.00048 (J)	
9/23/2020	<0.005	
3/8/2021	<0.005	
8/9/2021	<0.005	
2/4/2022	<0.005	
8/8/2022	<0.005	
1/30/2023	<0.005	
8/14/2023	<0.005	
2/19/2024		0.00093 (J)
8/11/2024		<0.005
2/11/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-4	GWA-4
3/6/2007	<0.005	
5/8/2007	<0.005	
7/17/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/8/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/2/2009	0.0065	
4/14/2010	<0.005	
10/14/2010	<0.005	
4/5/2011	<0.005	
10/12/2011	<0.005	
4/4/2012	<0.005	
9/24/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/11/2014	<0.005	
9/8/2014	<0.005	
4/21/2015	<0.005	
9/29/2015	<0.005	
3/22/2016	<0.005	
5/17/2016	<0.005	
7/6/2016	<0.005	
9/7/2016	<0.005	
10/18/2016	<0.005	
12/6/2016	<0.005	
2/1/2017	<0.005	
3/24/2017	0.0006 (J)	
10/4/2017	<0.005	
3/15/2018	0.0014 (J)	
10/4/2018	<0.005	
4/8/2019	0.00023 (J)	
9/30/2019	<0.005	
3/26/2020	0.00044 (J)	
9/23/2020	<0.005	
3/8/2021	<0.005	
8/9/2021	<0.005	
2/4/2022	<0.005	
8/8/2022	<0.005	
1/30/2023	<0.005	
8/14/2023	<0.005	
2/19/2024		0.0018 (J)
8/11/2024		<0.005
2/11/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-11	GWA-11
3/7/2007	<0.005	
5/8/2007	<0.005	
7/17/2007	<0.005	
8/28/2007	<0.005	
11/7/2007	<0.005	
5/9/2008	<0.005	
12/2/2008	<0.005	
4/8/2009	<0.005	
10/1/2009	<0.005	
4/14/2010	<0.005	
10/13/2010	<0.005	
4/6/2011	<0.005	
10/4/2011	<0.005	
4/10/2012	<0.005	
9/26/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/4/2014	<0.005	
9/3/2014	<0.005	
4/21/2015	<0.005	
9/29/2015	<0.005	
3/22/2016	<0.005	
5/17/2016	<0.005	
7/6/2016	<0.005	
9/7/2016	<0.005	
10/18/2016	<0.005	
12/6/2016	<0.005	
2/1/2017	<0.005	
3/24/2017	<0.005	
10/5/2017	<0.005	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/8/2019	0.00012 (J)	
9/30/2019	<0.005	
3/26/2020	<0.005	
9/22/2020	<0.005	
3/8/2021	<0.005	
8/10/2021	<0.005	
2/4/2022	<0.005	
8/8/2022	<0.005	
1/30/2023	<0.005	
8/14/2023	<0.005	
2/19/2024		<0.005
8/11/2024		0.001 (J)
2/11/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-5	GWC-5
3/7/2007	<0.005	
5/8/2007	<0.005	
7/6/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/8/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/1/2009	<0.005	
4/14/2010	<0.005	
10/14/2010	<0.005	
4/5/2011	<0.005	
10/12/2011	<0.005	
4/4/2012	<0.005	
9/24/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/5/2014	0.0017 (J)	
9/9/2014	<0.005	
4/21/2015	<0.005	
9/29/2015	<0.005	
3/23/2016	<0.005	
5/17/2016	<0.005	
7/6/2016	<0.005	
9/7/2016	<0.005	
10/18/2016	<0.005	
12/8/2016	<0.005	
2/1/2017	<0.005	
3/23/2017	<0.005	
10/4/2017	0.0006 (J)	
3/16/2018	<0.005	
10/4/2018	<0.005	
4/9/2019	<0.005	
10/1/2019	<0.005	
3/31/2020	<0.005	
9/25/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/4/2022	<0.005	
8/9/2022	<0.005	
1/31/2023	<0.005	
8/15/2023	<0.005	
2/20/2024		<0.005
8/12/2024		<0.005
2/11/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	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	
3/31/2008	<0.005	
5/8/2008	<0.005	
12/2/2008	<0.005	
4/8/2009	<0.005	
10/1/2009	<0.005	
4/13/2010	<0.005	
10/7/2010	<0.005	
4/5/2011	<0.005	
10/4/2011	<0.005	
4/3/2012	<0.005	
9/18/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	0.0053	
3/5/2014	0.0052	
9/8/2014	0.0058	
4/21/2015	0.0088	
9/29/2015	0.0086	
3/23/2016	0.00693	
5/18/2016	0.00451 (J)	
7/6/2016	0.0063	
9/7/2016	0.0065	
10/18/2016	0.0056	
12/8/2016	0.0065	
2/2/2017	0.002 (J)	
3/24/2017	0.0027 (J)	
10/4/2017	0.0056	
3/15/2018	0.0037 (J)	
10/4/2018	0.0049 (J)	
4/8/2019	0.0057	
10/1/2019	0.01	
11/6/2019	0.011	
3/30/2020	0.0052	
9/24/2020	0.0064	
3/9/2021	0.0052	
8/10/2021	0.0072	
2/4/2022	0.0042 (J)	
8/10/2022	0.0093	
1/31/2023	0.0028 (J)	
8/15/2023	0.0077 (J)	
2/21/2024		0.0043 (J)
8/11/2024		0.0085
2/12/2025		0.0063

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-8	GWC-8
5/9/2007	<0.005	
7/6/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
3/31/2008	<0.005	
5/8/2008	<0.005	
12/2/2008	<0.005	
4/8/2009	<0.005	
9/30/2009	<0.005	
4/13/2010	<0.005	
10/13/2010	<0.005	
4/5/2011	<0.005	
10/4/2011	<0.005	
4/3/2012	<0.005	
9/19/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/5/2014	0.0022 (J)	
9/9/2014	<0.005	
4/22/2015	<0.005	
9/29/2015	<0.005	
3/23/2016	<0.005	
5/18/2016	<0.005	
7/6/2016	<0.005	
9/8/2016	<0.005	
10/18/2016	<0.005	
12/8/2016	<0.005	
2/2/2017	<0.005	
3/24/2017	0.0005 (J)	
10/5/2017	0.0008 (J)	
3/14/2018	0.00064 (J)	
10/4/2018	<0.005	
4/8/2019	0.0015 (J)	
10/1/2019	0.0028 (J)	
3/27/2020	0.002 (J)	
9/24/2020	0.0043 (J)	
3/9/2021	0.0018 (J)	
8/10/2021	0.005	
2/4/2022	0.0015 (J)	
8/9/2022	<0.005	
1/31/2023	<0.005	
8/15/2023	<0.005	
2/21/2024		<0.005
8/11/2024		<0.005
2/12/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-9
3/7/2007	<0.005	
5/8/2007	<0.005	
7/6/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/8/2008	<0.005	
12/2/2008	<0.005	
4/8/2009	<0.005	
9/30/2009	<0.005	
4/13/2010	<0.005	
10/13/2010	<0.005	
4/5/2011	<0.005	
10/4/2011	<0.005	
4/4/2012	<0.005	
9/19/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/5/2014	<0.005	
9/3/2014	<0.005	
4/21/2015	<0.005	
9/29/2015	<0.005	
3/23/2016	<0.005	
5/18/2016	<0.005	
7/6/2016	<0.005	
9/8/2016	<0.005	
10/19/2016	<0.005	
12/8/2016	<0.005	
2/2/2017	<0.005	
3/27/2017	<0.005	
10/5/2017	<0.005	
3/15/2018	<0.005	
10/5/2018	<0.005	
4/8/2019	<0.005	
10/1/2019	0.00071 (J)	
3/27/2020	<0.005	
9/24/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/4/2022	<0.005	
8/9/2022	<0.005	
1/31/2023	<0.005	
8/15/2023	<0.005	
2/20/2024		<0.005
8/11/2024		<0.005
2/11/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-18	GWC-18
3/7/2007	<0.005	
5/9/2007	<0.005	
7/17/2007	<0.005	
8/28/2007	<0.005	
11/7/2007	<0.005	
5/7/2008	<0.005	
12/3/2008	<0.005	
4/14/2009	<0.005	
10/1/2009	<0.005	
4/13/2010	<0.005	
10/12/2010	<0.005	
4/6/2011	<0.005	
10/12/2011	<0.005	
4/5/2012	<0.005	
9/19/2012	<0.005	
3/13/2013	<0.005	
9/10/2013	<0.005	
3/10/2014	<0.005	
9/3/2014	<0.005	
4/22/2015	<0.005	
9/30/2015	<0.005	
3/24/2016	<0.005	
5/18/2016	<0.005	
7/7/2016	<0.005	
9/8/2016	<0.005	
10/19/2016	<0.005	
12/8/2016	<0.005	
2/2/2017	<0.005	
3/27/2017	0.0005 (J)	
10/5/2017	<0.005	
3/16/2018	<0.005	
10/5/2018	<0.005	
4/9/2019	0.00063 (J)	
10/1/2019	<0.005	
3/30/2020	0.00073 (J)	
9/24/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/4/2022	<0.005	
8/9/2022	<0.005	
1/31/2023	<0.005	
8/15/2023	<0.005	
2/20/2024		<0.005
8/12/2024		<0.005
2/12/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	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	
3/31/2008	<0.005	
5/7/2008	<0.005	
12/5/2008	<0.005	
4/27/2009	<0.005	
9/30/2009	<0.005	
4/13/2010	<0.005	
10/12/2010	<0.005	
10/5/2011	<0.005	
4/10/2012	<0.005	
9/26/2012	<0.005	
3/13/2013	<0.005	
9/11/2013	<0.005	
3/11/2014	<0.005	
9/9/2014	<0.005	
9/30/2015	0.0023 (J)	
3/24/2016	<0.005	
5/18/2016	<0.005	
7/7/2016	0.0012 (J)	
9/8/2016	<0.005	
10/19/2016	<0.005	
12/7/2016	<0.005	
2/2/2017	<0.005	
3/27/2017	<0.005	
10/5/2017	0.001 (J)	
3/15/2018	<0.005	
10/4/2018	0.0034 (J)	
4/9/2019	0.0018 (J)	
10/1/2019	<0.005	
3/31/2020	0.00035 (J)	
9/24/2020	0.0011 (J)	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/7/2022	<0.005	
8/9/2022	<0.005	
1/31/2023	<0.005	
8/15/2023	<0.005	
2/20/2024		<0.005
8/11/2024		<0.005
2/11/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	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	
3/31/2008	<0.005	
5/7/2008	<0.005	
12/5/2008	<0.005	
4/14/2009	<0.005	
10/1/2009	<0.005	
4/14/2010	<0.005	
10/13/2010	<0.005	
4/6/2011	<0.005	
10/12/2011	<0.005	
4/9/2012	<0.005	
9/19/2012	<0.005	
3/13/2013	<0.005	
9/10/2013	<0.005	
3/11/2014	<0.005	
9/3/2014	<0.005	
4/23/2015	<0.005	
9/30/2015	<0.005	
3/23/2016	<0.005	
5/19/2016	<0.005	
7/7/2016	<0.005	
9/8/2016	<0.005	
10/19/2016	<0.005	
12/7/2016	<0.005	
2/3/2017	<0.005	
3/27/2017	<0.005	
10/5/2017	<0.005	
3/15/2018	<0.005	
10/5/2018	<0.005	
4/8/2019	0.00034 (J)	
10/1/2019	0.00082 (J)	
3/26/2020	<0.005	
9/23/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/7/2022	<0.005	
8/8/2022	<0.005	
1/31/2023	<0.005	
8/14/2023	<0.005	
2/20/2024		<0.005
8/12/2024		<0.005
2/12/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1	GWA-1
3/6/2007	0.032	
5/8/2007	0.04	
7/7/2007	0.041	
8/28/2007	0.044	
11/6/2007	0.044	
5/9/2008	0.03	
12/3/2008	0.047	
4/7/2009	0.032	
10/1/2009	0.043	
4/14/2010	0.032	
10/13/2010	0.046	
4/6/2011	0.034	
10/10/2011	0.038	
4/3/2012	0.0363	
9/24/2012	0.041	
3/12/2013	0.041	
9/11/2013	0.048	
3/4/2014	0.036	
9/3/2014	0.04	
4/21/2015	0.033	
9/30/2015	0.042	
3/22/2016	0.0326	
5/17/2016	0.0387	
7/5/2016	0.0403	
9/7/2016	0.0413	
10/18/2016	0.0409	
12/6/2016	0.0408	
1/31/2017	0.0435	
3/23/2017	0.038	
10/4/2017	0.0396	
3/14/2018	0.039	
10/4/2018	0.039	
4/8/2019	0.031	
9/30/2019	0.042	
3/26/2020	0.032	
9/23/2020	0.041	
3/8/2021	0.035	
8/9/2021	0.046	
2/4/2022	0.038	
8/8/2022	0.04	
1/30/2023	0.037	
8/14/2023	0.039	
2/19/2024		0.04
8/11/2024		0.038
2/11/2025		0.033

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-2	GWA-2
3/6/2007	0.12	
5/8/2007	0.11	
7/7/2007	0.11	
8/28/2007	0.13	
11/6/2007	0.12	
5/9/2008	0.12	
12/3/2008	0.12	
4/7/2009	0.13	
10/1/2009	0.14	
4/13/2010	0.15	
10/7/2010	0.16	
4/6/2011	0.14	
10/6/2011	0.16	
4/3/2012	0.165	
9/19/2012	0.16	
3/12/2013	0.16	
9/9/2013	0.17	
3/4/2014	0.16	
9/3/2014	0.17	
4/22/2015	0.17	
9/30/2015	0.15	
3/22/2016	0.197	
5/17/2016	0.178	
7/5/2016	0.182	
9/7/2016	0.172	
10/18/2016	0.174	
12/7/2016	0.167	
1/31/2017	0.176	
3/23/2017	0.157	
10/4/2017	0.143	
3/14/2018	0.17	
10/4/2018	0.18	
4/8/2019	0.15	
9/30/2019	0.17	
3/26/2020	0.16	
9/21/2020	0.18	
3/9/2021	0.17	
8/9/2021	0.19	
2/4/2022	0.18	
8/8/2022	0.18	
1/30/2023	0.2	
8/14/2023	0.19	
2/19/2024		0.19
8/10/2024		0.18
2/11/2025		0.2

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-3	GWA-3
3/6/2007	0.17	
5/8/2007	0.21	
7/17/2007	0.21	
8/28/2007	0.2	
11/6/2007	0.19	
5/8/2008	0.2	
12/3/2008	0.18	
4/7/2009	0.2	
10/2/2009	0.2	
4/14/2010	0.2	
10/14/2010	0.18	
4/5/2011	0.16	
10/12/2011	0.15	
4/4/2012	0.165	
9/26/2012	0.17	
3/12/2013	0.17	
9/10/2013	0.18	
3/11/2014	0.17	
9/8/2014	0.16	
4/21/2015	0.16	
9/29/2015	0.14	
3/22/2016	0.188	
5/17/2016	0.193	
7/5/2016	0.172	
9/7/2016	0.164	
10/18/2016	0.138	
12/6/2016	0.149	
2/1/2017	0.121	
3/23/2017	0.143	
10/4/2017	0.139	
3/15/2018	0.17	
10/4/2018	0.16	
4/5/2019	0.13	
9/30/2019	0.14	
3/26/2020	0.14	
9/23/2020	0.14	
3/8/2021	0.12	
8/9/2021	0.12	
2/4/2022	0.081	
8/8/2022	0.1	
1/30/2023	0.07	
8/14/2023	0.087	
2/19/2024		0.083
8/11/2024		0.084
2/11/2025		0.081

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-4	GWA-4
3/6/2007	0.13	
5/8/2007	0.12	
7/17/2007	0.12	
8/28/2007	0.13	
11/6/2007	0.12	
5/8/2008	0.13	
12/3/2008	0.14	
4/7/2009	0.097	
10/2/2009	0.11	
4/14/2010	0.059	
10/14/2010	0.053	
4/5/2011	0.042	
10/12/2011	0.048	
4/4/2012	0.044	
9/24/2012	0.048	
3/12/2013	0.043	
9/10/2013	0.042	
3/11/2014	0.04	
9/8/2014	0.042	
4/21/2015	0.05	
9/29/2015	0.044	
3/22/2016	0.0397	
5/17/2016	0.0351	
7/6/2016	0.0475	
9/7/2016	0.0415	
10/18/2016	0.0424	
12/6/2016	0.0528	
2/1/2017	0.0482	
3/24/2017	0.0595	
10/4/2017	0.0486	
3/15/2018	0.04	
10/4/2018	0.05	
4/8/2019	0.047	
9/30/2019	0.051	
3/26/2020	0.049	
9/23/2020	0.043	
3/8/2021	0.052	
8/9/2021	0.034	
2/4/2022	0.037	
8/8/2022	0.04	
1/30/2023	0.037	
8/14/2023	0.045	
2/19/2024		0.051
8/11/2024		0.04
2/11/2025		0.035

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-11	GWA-11
3/7/2007	0.03	
5/8/2007	0.032	
7/17/2007	0.028	
8/28/2007	0.03	
11/7/2007	0.032	
5/9/2008	0.032	
12/2/2008	0.036	
4/8/2009	0.04	
10/1/2009	0.039	
4/14/2010	0.041	
10/13/2010	0.039	
4/6/2011	0.034	
10/4/2011	0.032	
4/10/2012	0.0425	
9/26/2012	0.035	
3/12/2013	0.035	
9/10/2013	0.035	
3/4/2014	0.031	
9/3/2014	0.033	
4/21/2015	0.03	
9/29/2015	0.031	
3/22/2016	0.0327	
5/17/2016	0.0323	
7/6/2016	0.0344	
9/7/2016	0.0324	
10/18/2016	0.0311	
12/6/2016	0.0311	
2/1/2017	0.0332	
3/24/2017	0.032	
10/5/2017	0.0325	
3/15/2018	0.031	
10/4/2018	0.033	
4/8/2019	0.031	
9/30/2019	0.03	
3/26/2020	0.031	
9/22/2020	0.031	
3/8/2021	0.031	
8/10/2021	0.03	
2/4/2022	0.031	
8/8/2022	0.029	
1/30/2023	0.03	
8/14/2023	0.028	
2/19/2024		0.031
8/11/2024		0.031
2/11/2025		0.031

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-5	GWC-5
3/7/2007	0.1	
5/8/2007	0.11	
7/6/2007	0.11	
8/28/2007	0.1	
11/6/2007	0.1	
5/8/2008	0.11	
12/3/2008	0.091	
4/7/2009	0.094	
10/1/2009	0.097	
4/14/2010	0.096	
10/14/2010	0.1	
4/5/2011	0.092	
10/12/2011	0.12	
4/4/2012	0.105	
9/24/2012	0.13	
3/12/2013	0.1	
9/10/2013	0.13	
3/5/2014	0.084	
9/9/2014	0.11	
4/21/2015	0.11	
9/29/2015	0.097	
3/23/2016	0.0993	
5/17/2016	0.104	
7/6/2016	0.104	
9/7/2016	0.0945	
10/18/2016	0.0928	
12/8/2016	0.1	
2/1/2017	0.0972	
3/23/2017	0.105	
10/4/2017	0.102	
3/16/2018	0.091	
10/4/2018	0.084	
4/9/2019	0.067	
10/1/2019	0.09	
3/31/2020	0.064	
9/25/2020	0.074	
3/9/2021	0.063	
8/10/2021	0.077	
2/4/2022	0.061	
8/9/2022	0.074	
1/31/2023	0.064	
8/15/2023	0.072	
2/20/2024		0.07
8/12/2024		0.073
2/11/2025		0.073

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-6	GWC-6
3/7/2007	0.057	
5/9/2007	0.054	
7/17/2007	0.059	
8/28/2007	0.061	
11/6/2007	0.074	
5/8/2008	0.079	
12/3/2008	0.1	
4/7/2009	0.091	
10/1/2009	0.092	
4/13/2010	0.095	
10/6/2010	0.11	
4/5/2011	0.1	
10/4/2011	0.11	
4/3/2012	0.116	
9/18/2012	0.12	
3/12/2013	0.11	
9/9/2013	0.13	
3/5/2014	0.12	
9/8/2014	0.13	
4/22/2015	0.14	
9/29/2015	0.14	
3/23/2016	0.156	
5/17/2016	0.168	
7/6/2016	0.171	
9/7/2016	0.154	
10/18/2016	0.159	
12/8/2016	0.156	
2/1/2017	0.163	
3/23/2017	0.161	
10/4/2017	0.171	
3/16/2018	0.17	
10/4/2018	0.19	
4/8/2019	0.15	
10/1/2019	0.18	
3/31/2020	0.18	
9/25/2020	0.16	
3/9/2021	0.17	
8/10/2021	0.18	
2/4/2022	0.16	
8/8/2022	0.15	
1/31/2023	0.15	
8/14/2023	0.15	
2/21/2024		0.15
8/12/2024		0.14
2/12/2025		0.14

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-7	GWC-7
5/9/2007	0.011	
7/6/2007	0.0065	
8/28/2007	0.0095	
11/6/2007	0.013	
3/31/2008	0.0098	
5/8/2008	0.011	
12/2/2008	0.011	
4/8/2009	0.0091	
10/1/2009	0.0098	
4/13/2010	0.0084	
10/7/2010	0.01	
4/5/2011	0.015	
10/4/2011	0.01	
4/3/2012	0.0426	
9/18/2012	0.02	
3/12/2013	0.35	
9/10/2013	0.11	
3/5/2014	0.054	
9/8/2014	0.044	
4/21/2015	0.065	
9/29/2015	0.036	
3/23/2016	0.263	
5/18/2016	0.245	
7/6/2016	0.117	
9/7/2016	0.0703	
10/18/2016	0.068	
12/8/2016	0.0791	
2/2/2017	0.17	
3/24/2017	0.181	
10/4/2017	0.0937	
3/15/2018	0.15	
10/4/2018	0.08	
4/8/2019	0.24	
10/1/2019	0.085	
3/30/2020	0.21	
9/24/2020	0.11	
3/9/2021	0.31	
8/10/2021	0.14	
2/4/2022	0.35	
8/10/2022	0.098	
1/31/2023	0.047	
8/15/2023	0.041	
2/21/2024		0.035
8/11/2024		0.045
2/12/2025		0.04

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-8	GWC-8
5/9/2007	0.13	
7/6/2007	0.12	
8/28/2007	0.11	
11/6/2007	0.1	
3/31/2008	0.23	
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	
6/27/2019	0.14	
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)	
9/28/2021	0.2	
2/4/2022	0.17	
8/9/2022	0.16	
1/31/2023	0.12	
8/15/2023	0.12	
2/21/2024		0.11
8/11/2024		0.12
2/12/2025		0.14

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-9
3/7/2007	0.059	
5/8/2007	0.055	
7/6/2007	0.052	
8/28/2007	0.047	
11/6/2007	0.048	
5/8/2008	0.052	
12/2/2008	0.056	
4/8/2009	0.057	
9/30/2009	0.055	
4/13/2010	0.053	
10/13/2010	0.054	
4/5/2011	0.035 (O)	
10/4/2011	0.058	
4/4/2012	0.0632	
9/19/2012	0.061	
3/12/2013	0.056	
9/10/2013	0.067	
3/5/2014	0.055	
9/3/2014	0.051	
4/21/2015	0.059	
9/29/2015	0.06	
3/23/2016	0.0636	
5/18/2016	0.0629	
7/6/2016	0.0646	
9/8/2016	0.063	
10/19/2016	0.0644	
12/8/2016	0.0648	
2/2/2017	0.0656	
3/27/2017	0.0619	
10/5/2017	0.0655	
3/15/2018	0.062	
10/5/2018	0.07	
4/8/2019	0.058	
10/1/2019	0.071	
3/27/2020	0.06	
9/24/2020	0.06	
3/9/2021	0.059	
8/10/2021	0.067	
2/4/2022	0.067	
8/9/2022	0.068	
1/31/2023	0.064	
8/15/2023	0.064	
2/20/2024		0.073
8/11/2024		0.068
2/11/2025		0.071

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	GWC-10
3/7/2007	0.15	
5/8/2007	0.14	
7/17/2007	0.1	
8/28/2007	0.1	
11/7/2007	0.11	
5/9/2008	0.15	
12/2/2008	0.11	
4/8/2009	0.16	
10/1/2009	0.11	
4/14/2010	0.15	
10/13/2010	0.1	
4/6/2011	0.13	
10/4/2011	0.089	
4/10/2012	0.126	
9/26/2012	0.093	
3/12/2013	0.13	
9/10/2013	0.14	
3/4/2014	0.11	
9/3/2014	0.1	
4/21/2015	0.14	
9/30/2015	0.096	
3/23/2016	0.132	
5/17/2016	0.122	
7/6/2016	0.101	
9/7/2016	0.0985	
10/18/2016	0.104	
12/6/2016	0.1	
2/2/2017	0.147	
3/27/2017	0.158	
10/5/2017	0.106	
3/15/2018	0.18	
5/15/2018	0.16	
10/4/2018	0.2	
12/11/2018	0.18	
1/11/2019	0.17	
4/9/2019	0.17	
10/1/2019	0.12	
3/27/2020	0.037	
9/25/2020	0.11	
3/9/2021	0.15	
8/10/2021	0.14	
2/4/2022	0.16	
8/9/2022	0.12	
1/30/2023	0.17	
8/14/2023	0.12	
2/19/2024		0.14
8/11/2024		0.11
2/11/2025		0.14

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-18	GWC-18
3/7/2007	0.072	
5/9/2007	0.063	
7/17/2007	0.058	
8/28/2007	0.06	
11/7/2007	0.072	
5/7/2008	0.076	
12/3/2008	0.066	
4/14/2009	0.08	
10/1/2009	0.074	
4/13/2010	0.062	
10/12/2010	0.078	
4/6/2011	0.066	
10/12/2011	0.071	
4/5/2012	0.0675	
9/19/2012	0.073	
3/13/2013	0.075	
9/10/2013	0.081	
3/10/2014	0.064	
9/3/2014	0.078	
4/22/2015	0.067	
9/30/2015	0.075	
3/24/2016	0.0818	
5/18/2016	0.0763	
7/7/2016	0.0747	
9/8/2016	0.081	
10/19/2016	0.084	
12/8/2016	0.0799	
2/2/2017	0.0813	
3/27/2017	0.0714	
10/5/2017	0.0755	
3/16/2018	0.074	
10/5/2018	0.081	
4/9/2019	0.081	
10/1/2019	0.082	
3/30/2020	0.077	
9/24/2020	0.079	
3/9/2021	0.077	
8/10/2021	0.093	
2/4/2022	0.08	
8/9/2022	0.08	
1/31/2023	0.077	
8/15/2023	0.077	
2/20/2024		0.083
8/12/2024		0.076
2/12/2025		0.082

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-19	GWC-19
3/6/2007	0.088	
5/9/2007	0.07	
7/17/2007	0.063	
8/28/2007	0.066	
11/7/2007	0.07	
5/7/2008	0.071	
12/4/2008	0.068	
4/14/2009	0.076	
10/2/2009	0.07	
4/13/2010	0.085	
10/12/2010	0.075	
4/6/2011	0.077	
10/12/2011	0.12	
4/5/2012	0.143	
9/25/2012	0.13	
3/13/2013	0.14	
9/11/2013	0.15	
3/10/2014	0.13	
9/9/2014	0.16	
4/22/2015	0.15	
9/30/2015	0.15	
3/24/2016	0.152	
5/18/2016	0.146	
7/6/2016	0.152	
9/8/2016	0.142	
10/18/2016	0.145	
12/7/2016	0.133	
2/2/2017	0.14	
3/27/2017	0.152	
10/5/2017	0.142	
3/15/2018	0.14	
10/4/2018	0.16	
4/9/2019	0.15	
10/1/2019	0.15	
3/31/2020	0.17	
9/28/2020	0.15	
3/10/2021	0.15	
8/10/2021	0.14	
2/7/2022	0.14	
8/9/2022	0.14	
1/31/2023	0.15	
8/15/2023	0.15	
2/20/2024		0.15
8/12/2024		0.14
2/11/2025		0.15

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	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	
9/23/2020	0.13	
3/10/2021	0.13	
8/10/2021	0.14	
2/7/2022	0.14	
8/9/2022	0.15	
1/31/2023	0.14	
8/15/2023	0.16	
2/20/2024		0.15
8/11/2024		0.16
2/11/2025		0.14

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	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	
3/31/2008	0.043	
5/7/2008	0.032	
12/5/2008	0.06	
4/27/2009	0.032	
9/30/2009	0.046	
4/13/2010	0.035	
10/12/2010	0.15	
10/5/2011	0.055	
4/10/2012	0.0399	
9/26/2012	0.093	
3/13/2013	0.066	
9/11/2013	0.053	
3/11/2014	0.039	
9/9/2014	0.14	
9/30/2015	0.15	
3/24/2016	0.046	
5/18/2016	0.0557	
7/7/2016	0.0596	
9/8/2016	0.184	
10/19/2016	0.186	
12/7/2016	0.174	
2/2/2017	0.0783	
3/27/2017	0.0363	
10/5/2017	0.0562	
3/15/2018	0.086	
10/4/2018	0.079	
4/9/2019	0.05	
10/1/2019	0.18	
3/31/2020	0.044	
9/24/2020	0.19	
3/9/2021	0.12	
8/10/2021	0.057	
2/7/2022	0.063	
8/9/2022	0.056	
1/31/2023	0.033	
8/15/2023	0.058	
2/20/2024		0.052
8/11/2024		0.098
2/11/2025		0.054

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-22	GWC-22
3/6/2007	0.023	
5/9/2007	0.034	
7/17/2007	0.034	
8/29/2007	0.048	
11/7/2007	0.042	
5/7/2008	0.078	
12/5/2008	0.067	
4/14/2009	0.083	
9/30/2009	0.086	
4/13/2010	0.087	
10/12/2010	0.082	
4/6/2011	0.082	
10/5/2011	0.082	
4/9/2012	0.0959	
9/25/2012	0.09	
3/13/2013	0.092	
9/11/2013	0.096	
3/11/2014	0.085	
9/9/2014	0.096	
4/23/2015	0.093	
9/30/2015	0.096	
3/23/2016	0.0938	
5/18/2016	0.0983	
7/7/2016	0.121	
9/8/2016	0.0917	
10/19/2016	0.091	
12/7/2016	0.0868	
2/2/2017	0.0939	
3/27/2017	0.0905	
10/5/2017	0.0945	
3/15/2018	0.096	
10/4/2018	0.1	
4/9/2019	0.094	
10/1/2019	0.1	
3/31/2020	0.1	
9/23/2020	0.1	
3/9/2021	0.089	
8/10/2021	0.091	
2/7/2022	0.092	
8/9/2022	0.098	
1/31/2023	0.09	
8/15/2023	0.092	
2/20/2024		0.091
8/11/2024		0.1
2/11/2025		0.091

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	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	
3/31/2008	0.048	
5/7/2008	0.063	
12/5/2008	0.068	
4/14/2009	0.062	
10/1/2009	0.064	
4/14/2010	0.048	
10/13/2010	0.071	
4/6/2011	0.042	
10/12/2011	0.066	
4/9/2012	0.0628	
9/19/2012	0.073	
3/13/2013	0.057	
9/10/2013	0.066	
3/11/2014	0.054	
9/3/2014	0.06	
4/23/2015	0.06	
9/30/2015	0.076	
3/23/2016	0.0533	
5/19/2016	0.074	
7/7/2016	0.0766	
9/8/2016	0.0726	
10/19/2016	0.072	
12/7/2016	0.0732	
2/3/2017	0.0619	
3/27/2017	0.0602	
10/5/2017	0.0734	
3/15/2018	0.053	
10/5/2018	0.065	
4/8/2019	0.059	
10/1/2019	0.082	
3/26/2020	0.071	
9/23/2020	0.079	
3/9/2021	0.085	
8/10/2021	0.085	
2/7/2022	0.091	
8/8/2022	0.078	
1/31/2023	0.11	
8/14/2023	0.071	
2/20/2024		0.096
8/12/2024		0.075
2/12/2025		0.068

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-3	GWA-3
3/6/2007	<0.0005	
5/8/2007	<0.0005	
7/17/2007	<0.0005	
8/28/2007	<0.0005	
11/6/2007	<0.0005	
5/8/2008	<0.0005	
12/3/2008	<0.0005	
4/7/2009	<0.0005	
10/2/2009	<0.0005	
4/14/2010	<0.0005	
10/14/2010	<0.0005	
4/5/2011	<0.0005	
10/12/2011	<0.0005	
4/4/2012	<0.0005	
9/26/2012	<0.0005	
3/12/2013	<0.0005	
9/10/2013	<0.0005	
3/11/2014	<0.0005	
9/8/2014	<0.0005	
4/21/2015	8E-05 (J)	
9/29/2015	<0.0005	
3/22/2016	<0.0005	
5/17/2016	<0.0005	
7/5/2016	<0.0005	
9/7/2016	<0.0005	
10/18/2016	<0.0005	
12/6/2016	<0.0005	
2/1/2017	<0.0005	
3/23/2017	<0.0005	
10/4/2017	<0.0005	
3/15/2018	<0.0005	
10/4/2018	<0.0005	
4/5/2019	<0.0005	
9/30/2019	<0.0005	
3/26/2020	<0.0005	
9/23/2020	<0.0005	
3/8/2021	<0.0005	
8/9/2021	<0.0005	
2/4/2022	<0.0005	
8/8/2022	<0.0005	
1/30/2023	<0.0005	
8/14/2023	<0.0005	
2/19/2024		<0.0005
8/11/2024		<0.0005
2/11/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	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)	
3/31/2008	0.019	
5/8/2008	0.013	
12/2/2008	0.01	
4/8/2009	0.0076	
10/1/2009	0.0057	
4/13/2010	0.0061	
10/7/2010	0.0039	
4/5/2011	0.0025	
10/4/2011	0.0024	
4/3/2012	0.0008	
9/18/2012	0.002	
3/12/2013	<0.0005	
9/10/2013	<0.0005	
3/5/2014	0.00037 (J)	
9/8/2014	0.00055 (J)	
4/21/2015	0.00033 (J)	
9/29/2015	0.00046 (J)	
3/23/2016	<0.0005	
5/18/2016	<0.0005	
7/6/2016	0.0002 (J)	
9/7/2016	0.0002 (J)	
10/18/2016	0.0002 (J)	
12/8/2016	0.0003 (J)	
2/2/2017	<0.0005	
3/24/2017	<0.0005	
10/4/2017	0.0001 (J)	
3/15/2018	<0.0005	
10/4/2018	0.0002 (J)	
4/8/2019	5.8E-05 (J)	
10/1/2019	0.0001 (J)	
3/30/2020	<0.0005	
9/24/2020	5E-05 (J)	
3/9/2021	<0.0005	
8/10/2021	6.1E-05 (J)	
2/4/2022	<0.0005	
8/10/2022	7.6E-05 (J)	
1/31/2023	0.00021 (J)	
8/15/2023	0.00027 (J)	
2/21/2024		0.00036 (J)
8/11/2024		0.00013 (J)
2/12/2025		0.00016 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-19	GWC-19
3/6/2007	<0.0005	
5/9/2007	<0.0005	
7/17/2007	<0.0005	
8/28/2007	<0.0005	
11/7/2007	<0.0005	
5/7/2008	<0.0005	
12/4/2008	<0.0005	
4/14/2009	<0.0005	
10/2/2009	<0.0005	
4/13/2010	<0.0005	
10/12/2010	<0.0005	
4/6/2011	<0.0005	
10/12/2011	<0.0005	
4/5/2012	<0.0005	
9/25/2012	<0.0005	
3/13/2013	<0.0005	
9/11/2013	<0.0005	
3/10/2014	<0.0005	
9/9/2014	<0.0005	
4/22/2015	<0.0005	
9/30/2015	<0.0005	
3/24/2016	<0.0005	
5/18/2016	<0.0005	
7/6/2016	<0.0005	
9/8/2016	<0.0005	
10/18/2016	<0.0005	
12/7/2016	<0.0005	
2/2/2017	<0.0005	
3/27/2017	<0.0005	
10/5/2017	<0.0005	
3/15/2018	<0.0005	
10/4/2018	<0.0005	
4/9/2019	<0.0005	
10/1/2019	<0.0005	
3/31/2020	<0.0005	
9/28/2020	0.0001 (J)	
3/10/2021	<0.0005	
8/10/2021	<0.0005	
2/7/2022	<0.0005	
8/9/2022	<0.0005	
1/31/2023	<0.0005	
8/15/2023	<0.0005	
2/20/2024		<0.0005
8/12/2024		<0.0005
2/11/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-4	GWA-4
3/6/2007	<0.0005	
5/8/2007	<0.0005	
7/17/2007	<0.0005	
8/28/2007	<0.0005	
11/6/2007	<0.0005	
5/8/2008	<0.0005	
12/3/2008	<0.0005	
4/7/2009	<0.0005	
10/2/2009	<0.0005	
4/14/2010	<0.0005	
10/14/2010	<0.0005	
4/5/2011	<0.0005	
10/12/2011	<0.0005	
4/4/2012	<0.0005	
9/24/2012	<0.0005	
3/12/2013	<0.0005	
9/10/2013	<0.0005	
3/11/2014	<0.0005	
9/8/2014	<0.0005	
4/21/2015	<0.0005	
9/29/2015	<0.0005	
3/22/2016	<0.0005	
5/17/2016	<0.0005	
7/6/2016	<0.0005	
9/7/2016	<0.0005	
10/18/2016	<0.0005	
12/6/2016	<0.0005	
2/1/2017	0.0001 (J)	
3/24/2017	<0.0005	
10/4/2017	<0.0005	
3/15/2018	<0.0005	
10/4/2018	<0.0005	
4/8/2019	<0.0005	
9/30/2019	<0.0005	
3/26/2020	<0.0005	
9/23/2020	<0.0005	
3/8/2021	<0.0005	
8/9/2021	<0.0005	
2/4/2022	<0.0005	
8/8/2022	<0.0005	
1/30/2023	<0.0005	
8/14/2023	<0.0005	
2/19/2024		<0.0005
8/11/2024		<0.0005
2/11/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-5	GWC-5
3/7/2007	0.0015	
5/8/2007	<0.0005	
7/6/2007	<0.0005	
8/28/2007	<0.0005	
11/6/2007	<0.0005	
5/8/2008	<0.0005	
12/3/2008	<0.0005	
4/7/2009	<0.0005	
10/1/2009	<0.0005	
4/14/2010	<0.0005	
10/14/2010	<0.0005	
4/5/2011	<0.0005	
10/12/2011	<0.0005	
4/4/2012	<0.0005	
9/24/2012	<0.0005	
3/12/2013	<0.0005	
9/10/2013	<0.0005	
3/5/2014	<0.0005	
9/9/2014	<0.0005	
4/21/2015	<0.0005	
9/29/2015	<0.0005	
3/23/2016	<0.0005	
5/17/2016	<0.0005	
7/6/2016	<0.0005	
9/7/2016	<0.0005	
10/18/2016	<0.0005	
12/8/2016	<0.0005	
2/1/2017	<0.0005	
3/23/2017	<0.0005	
10/4/2017	<0.0005	
3/16/2018	<0.0005	
10/4/2018	<0.0005	
4/9/2019	<0.0005	
10/1/2019	<0.0005	
3/31/2020	<0.0005	
9/25/2020	<0.0005	
3/9/2021	<0.0005	
8/10/2021	<0.0005	
2/4/2022	<0.0005	
8/9/2022	<0.0005	
1/31/2023	<0.0005	
8/15/2023	<0.0005	
2/20/2024		<0.0005
8/12/2024		<0.0005
2/11/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	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	
3/31/2008	<0.0005	
5/8/2008	<0.0005	
12/2/2008	<0.0005	
4/8/2009	0.0013	
10/1/2009	<0.0005	
4/13/2010	<0.0005	
10/7/2010	<0.0005	
4/5/2011	<0.0005	
10/4/2011	<0.0005	
4/3/2012	<0.0005	
9/18/2012	<0.0005	
3/12/2013	<0.0005	
9/10/2013	<0.0005	
3/5/2014	<0.0005	
9/8/2014	<0.0005	
4/21/2015	0.0015	
9/29/2015	<0.0005	
3/23/2016	<0.0005	
5/18/2016	<0.0005	
7/6/2016	<0.0005	
9/7/2016	<0.0005	
10/18/2016	<0.0005	
12/8/2016	<0.0005	
2/2/2017	0.0001 (J)	
3/24/2017	<0.0005	
10/4/2017	<0.0005	
3/15/2018	<0.0005	
10/4/2018	<0.0005	
4/8/2019	<0.0005	
10/1/2019	<0.0005	
3/30/2020	<0.0005	
9/24/2020	<0.0005	
3/9/2021	<0.0005	
8/10/2021	<0.0005	
2/4/2022	<0.0005	
8/10/2022	<0.0005	
1/31/2023	<0.0005	
8/15/2023	<0.0005	
2/21/2024		<0.0005
8/11/2024		<0.0005
2/12/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-8	GWC-8
5/9/2007	<0.0005	
7/6/2007	<0.0005	
8/28/2007	<0.0005	
11/6/2007	<0.0005	
3/31/2008	<0.0005	
5/8/2008	<0.0005	
12/2/2008	<0.0005	
4/8/2009	<0.0005	
9/30/2009	<0.0005	
4/13/2010	<0.0005	
10/13/2010	<0.0005	
4/5/2011	<0.0005	
10/4/2011	<0.0005	
4/3/2012	<0.0005	
9/19/2012	<0.0005	
3/12/2013	<0.0005	
9/10/2013	<0.0005	
3/5/2014	<0.0005	
9/9/2014	<0.0005	
4/22/2015	<0.0005	
9/29/2015	<0.0005	
3/23/2016	<0.0005	
5/18/2016	<0.0005	
7/6/2016	<0.0005	
9/8/2016	<0.0005	
10/18/2016	<0.0005	
12/8/2016	<0.0005	
2/2/2017	8E-05 (J)	
3/24/2017	<0.0005	
10/5/2017	<0.0005	
3/14/2018	<0.0005	
10/4/2018	<0.0005	
4/8/2019	<0.0005	
10/1/2019	<0.0005	
3/27/2020	<0.0005	
9/24/2020	<0.0005	
3/9/2021	<0.0005	
8/10/2021	<0.0005	
2/4/2022	<0.0005	
8/9/2022	<0.0005	
1/31/2023	<0.0005	
8/15/2023	<0.0005	
2/21/2024		<0.0005
8/11/2024		<0.0005
2/12/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-9
3/7/2007	<0.0005	
5/8/2007	<0.0005	
7/6/2007	<0.0005	
8/28/2007	<0.0005	
11/6/2007	<0.0005	
5/8/2008	<0.0005	
12/2/2008	<0.0005	
4/8/2009	<0.0005	
9/30/2009	<0.0005	
4/13/2010	<0.0005	
10/13/2010	<0.0005	
4/5/2011	<0.0005	
10/4/2011	<0.0005	
4/4/2012	<0.0005	
9/19/2012	<0.0005	
3/12/2013	<0.0005	
9/10/2013	<0.0005	
3/5/2014	<0.0005	
9/3/2014	<0.0005	
4/21/2015	0.00029 (J)	
9/29/2015	<0.0005	
3/23/2016	<0.0005	
5/18/2016	<0.0005	
7/6/2016	<0.0005	
9/8/2016	<0.0005	
10/19/2016	<0.0005	
12/8/2016	<0.0005	
2/2/2017	8E-05 (J)	
3/27/2017	<0.0005	
10/5/2017	<0.0005	
3/15/2018	<0.0005	
10/5/2018	<0.0005	
4/8/2019	<0.0005	
10/1/2019	<0.0005	
3/27/2020	<0.0005	
9/24/2020	<0.0005	
3/9/2021	<0.0005	
8/10/2021	<0.0005	
2/4/2022	<0.0005	
8/9/2022	<0.0005	
1/31/2023	<0.0005	
8/15/2023	<0.0005	
2/20/2024		<0.0005
8/11/2024		<0.0005
2/11/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	GWC-10
3/7/2007	<0.0005	
5/8/2007	<0.0005	
7/17/2007	<0.0005	
8/28/2007	<0.0005	
11/7/2007	<0.0005	
5/9/2008	<0.0005	
12/2/2008	<0.0005	
4/8/2009	<0.0005	
10/1/2009	<0.0005	
4/14/2010	<0.0005	
10/13/2010	<0.0005	
4/6/2011	<0.0005	
10/4/2011	<0.0005	
4/10/2012	<0.0005	
9/26/2012	<0.0005	
3/12/2013	<0.0005	
9/10/2013	<0.0005	
3/4/2014	<0.0005	
9/3/2014	<0.0005	
4/21/2015	<0.0005	
9/30/2015	<0.0005	
3/23/2016	<0.0005	
5/17/2016	<0.0005	
7/6/2016	<0.0005	
9/7/2016	<0.0005	
10/18/2016	<0.0005	
12/6/2016	<0.0005	
2/2/2017	9E-05 (J)	
3/27/2017	<0.0005	
10/5/2017	<0.0005	
3/15/2018	<0.0005	
10/4/2018	<0.0005	
4/9/2019	<0.0005	
10/1/2019	<0.0005	
3/27/2020	<0.0005	
9/25/2020	<0.0005	
3/9/2021	<0.0005	
8/10/2021	<0.0005	
2/4/2022	<0.0005	
8/9/2022	<0.0005	
1/30/2023	<0.0005	
8/14/2023	<0.0005	
2/19/2024		<0.0005
8/11/2024		<0.0005
2/11/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-18	GWC-18
3/7/2007	<0.0005	
5/9/2007	<0.0005	
7/17/2007	<0.0005	
8/28/2007	<0.0005	
11/7/2007	<0.0005	
5/7/2008	<0.0005	
12/3/2008	<0.0005	
4/14/2009	<0.0005	
10/1/2009	<0.0005	
4/13/2010	<0.0005	
10/12/2010	<0.0005	
4/6/2011	<0.0005	
10/12/2011	<0.0005	
4/5/2012	<0.0005	
9/19/2012	<0.0005	
3/13/2013	<0.0005	
9/10/2013	<0.0005	
3/10/2014	<0.0005	
9/3/2014	<0.0005	
4/22/2015	<0.0005	
9/30/2015	<0.0005	
3/24/2016	<0.0005	
5/18/2016	<0.0005	
7/7/2016	<0.0005	
9/8/2016	<0.0005	
10/19/2016	<0.0005	
12/8/2016	<0.0005	
2/2/2017	8E-05 (J)	
3/27/2017	<0.0005	
10/5/2017	<0.0005	
3/16/2018	<0.0005	
10/5/2018	<0.0005	
4/9/2019	<0.0005	
10/1/2019	<0.0005	
3/30/2020	<0.0005	
9/24/2020	<0.0005	
3/9/2021	<0.0005	
8/10/2021	<0.0005	
2/4/2022	<0.0005	
8/9/2022	<0.0005	
1/31/2023	<0.0005	
8/15/2023	<0.0005	
2/20/2024		<0.0005
8/12/2024		<0.0005
2/12/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-20	GWC-20
3/7/2007	<0.0005	
5/9/2007	<0.0005	
7/17/2007	<0.0005	
8/29/2007	<0.0005	
11/7/2007	<0.0005	
5/7/2008	<0.0005	
12/5/2008	<0.0005	
4/14/2009	<0.0005	
9/30/2009	<0.0005	
4/13/2010	<0.0005	
10/12/2010	<0.0005	
10/12/2011	<0.0005	
4/9/2012	<0.0005	
9/25/2012	<0.0005	
3/13/2013	<0.0005	
9/11/2013	<0.0005	
3/10/2014	<0.0005	
9/9/2014	<0.0005	
4/23/2015	<0.0005	
9/30/2015	<0.0005	
3/23/2016	<0.0005	
5/18/2016	<0.0005	
7/7/2016	<0.0005	
9/8/2016	<0.0005	
10/19/2016	<0.0005	
12/7/2016	<0.0005	
2/3/2017	<0.0005	
3/27/2017	<0.0005	
10/5/2017	<0.0005	
3/16/2018	<0.0005	
10/5/2018	0.00011 (J)	
4/9/2019	<0.0005	
10/1/2019	<0.0005	
3/31/2020	<0.0005	
9/23/2020	<0.0005	
3/10/2021	<0.0005	
8/10/2021	<0.0005	
2/7/2022	<0.0005	
8/9/2022	<0.0005	
1/31/2023	<0.0005	
8/15/2023	<0.0005	
2/20/2024		<0.0005
8/11/2024		<0.0005
2/11/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	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	
3/31/2008	<0.0005	
5/7/2008	<0.0005	
12/5/2008	<0.0005	
4/27/2009	<0.0005	
9/30/2009	<0.0005	
4/13/2010	<0.0005	
10/12/2010	<0.0005	
10/5/2011	<0.0005	
4/10/2012	<0.0005	
9/26/2012	<0.0005	
3/13/2013	<0.0005	
9/11/2013	<0.0005	
3/11/2014	<0.0005	
9/9/2014	<0.0005	
9/30/2015	<0.0005	
3/24/2016	<0.0005	
5/18/2016	<0.0005	
7/7/2016	0.0001 (J)	
9/8/2016	<0.0005	
10/19/2016	<0.0005	
12/7/2016	<0.0005	
2/2/2017	0.0001 (J)	
3/27/2017	<0.0005	
10/5/2017	<0.0005	
3/15/2018	<0.0005	
10/4/2018	<0.0005	
4/9/2019	<0.0005	
10/1/2019	<0.0005	
3/31/2020	<0.0005	
9/24/2020	<0.0005	
3/9/2021	<0.0005	
8/10/2021	<0.0005	
2/7/2022	<0.0005	
8/9/2022	<0.0005	
1/31/2023	<0.0005	
8/15/2023	<0.0005	
2/20/2024		<0.0005
8/11/2024		<0.0005
2/11/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	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	
3/31/2008	<0.0005	
5/7/2008	<0.0005	
12/5/2008	<0.0005	
4/14/2009	<0.0005	
10/1/2009	<0.0005	
4/14/2010	<0.0005	
10/13/2010	<0.0005	
4/6/2011	<0.0005	
10/12/2011	<0.0005	
4/9/2012	<0.0005	
9/19/2012	<0.0005	
3/13/2013	<0.0005	
9/10/2013	<0.0005	
3/11/2014	<0.0005	
9/3/2014	<0.0005	
4/23/2015	<0.0005	
9/30/2015	<0.0005	
3/23/2016	<0.0005	
5/19/2016	<0.0005	
7/7/2016	<0.0005	
9/8/2016	<0.0005	
10/19/2016	<0.0005	
12/7/2016	<0.0005	
2/3/2017	8E-05 (J)	
3/27/2017	<0.0005	
10/5/2017	<0.0005	
3/15/2018	<0.0005	
10/5/2018	<0.0005	
4/8/2019	<0.0005	
10/1/2019	<0.0005	
3/26/2020	<0.0005	
9/23/2020	<0.0005	
3/9/2021	<0.0005	
8/10/2021	<0.0005	
2/7/2022	<0.0005	
8/8/2022	<0.0005	
1/31/2023	<0.0005	
8/14/2023	<0.0005	
2/20/2024		<0.0005
8/12/2024		<0.0005
2/12/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1	GWA-1
3/6/2007	<0.005	
5/8/2007	<0.005	
7/7/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/9/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/1/2009	<0.005	
4/14/2010	<0.005	
10/13/2010	<0.005	
4/6/2011	<0.005	
10/10/2011	<0.005	
4/3/2012	<0.005	
9/24/2012	<0.005	
3/12/2013	<0.005	
9/11/2013	<0.005	
3/4/2014	0.00032 (J)	
9/3/2014	<0.005	
4/21/2015	<0.005	
9/30/2015	<0.005	
3/22/2016	<0.005	
5/17/2016	<0.005	
7/5/2016	<0.005	
9/7/2016	<0.005	
10/18/2016	<0.005	
12/6/2016	<0.005	
1/31/2017	<0.005	
3/23/2017	<0.005	
10/4/2017	<0.005	
3/14/2018	0.016	
10/4/2018	<0.005	
4/8/2019	<0.005	
9/30/2019	<0.005	
3/26/2020	<0.005	
9/23/2020	<0.005	
3/8/2021	<0.005	
8/9/2021	<0.005	
2/4/2022	<0.005	
8/8/2022	<0.005	
1/30/2023	<0.005	
8/14/2023	<0.005	
2/19/2024		<0.005
8/11/2024		<0.005
2/11/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-2	GWA-2
3/6/2007	<0.005	
5/8/2007	<0.005	
7/7/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/9/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/1/2009	<0.005	
4/13/2010	<0.005	
10/7/2010	<0.005	
4/6/2011	<0.005	
10/6/2011	<0.005	
4/3/2012	<0.005	
9/19/2012	<0.005	
3/12/2013	<0.005	
9/9/2013	<0.005	
3/4/2014	<0.005	
9/3/2014	<0.005	
4/22/2015	<0.005	
9/30/2015	<0.005	
3/22/2016	<0.005	
5/17/2016	<0.005	
7/5/2016	<0.005	
9/7/2016	<0.005	
10/18/2016	<0.005	
12/7/2016	<0.005	
1/31/2017	<0.005	
3/23/2017	<0.005	
10/4/2017	<0.005	
3/14/2018	<0.005	
10/4/2018	<0.005	
4/8/2019	<0.005	
9/30/2019	<0.005	
3/26/2020	0.00043 (J)	
9/21/2020	<0.005	
3/9/2021	<0.005	
8/9/2021	<0.005	
2/4/2022	<0.005	
8/8/2022	<0.005	
1/30/2023	<0.005	
8/14/2023	<0.005	
2/19/2024		<0.005
8/10/2024		<0.005
2/11/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-3	GWA-3
3/6/2007	<0.005	
5/8/2007	<0.005	
7/17/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	0.0014	
5/8/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/2/2009	<0.005	
4/14/2010	<0.005	
10/14/2010	<0.005	
4/5/2011	<0.005	
10/12/2011	<0.005	
4/4/2012	<0.005	
9/26/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/11/2014	<0.005	
9/8/2014	<0.005	
4/21/2015	<0.005	
9/29/2015	<0.005	
3/22/2016	<0.005	
5/17/2016	<0.005	
7/5/2016	<0.005	
9/7/2016	<0.005	
10/18/2016	<0.005	
12/6/2016	<0.005	
2/1/2017	<0.005	
3/23/2017	<0.005	
10/4/2017	<0.005	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/5/2019	<0.005	
9/30/2019	<0.005	
3/26/2020	0.00062 (J)	
9/23/2020	<0.005	
3/8/2021	<0.005	
8/9/2021	<0.005	
2/4/2022	<0.005	
8/8/2022	<0.005	
1/30/2023	<0.005	
8/14/2023	<0.005	
2/19/2024		<0.005
8/11/2024		<0.005
2/11/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-4	GWA-4
3/6/2007	<0.005	
5/8/2007	<0.005	
7/17/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/8/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/2/2009	<0.005	
4/14/2010	<0.005	
10/14/2010	<0.005	
4/5/2011	<0.005	
10/12/2011	<0.005	
4/4/2012	<0.005	
9/24/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/11/2014	<0.005	
9/8/2014	<0.005	
4/21/2015	<0.005	
9/29/2015	<0.005	
3/22/2016	<0.005	
5/17/2016	<0.005	
7/6/2016	<0.005	
9/7/2016	<0.005	
10/18/2016	<0.005	
12/6/2016	<0.005	
2/1/2017	<0.005	
3/24/2017	0.0004 (J)	
10/4/2017	<0.005	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/8/2019	<0.005	
9/30/2019	<0.005	
3/26/2020	0.0013 (J)	
9/23/2020	<0.005	
3/8/2021	<0.005	
8/9/2021	<0.005	
2/4/2022	<0.005	
8/8/2022	<0.005	
1/30/2023	<0.005	
8/14/2023	<0.005	
2/19/2024		<0.005
8/11/2024		<0.005
2/11/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-11	GWA-11
3/7/2007	<0.005	
5/8/2007	<0.005	
7/17/2007	<0.005	
8/28/2007	0.0013	
11/7/2007	0.0024	
5/9/2008	<0.005	
12/2/2008	<0.005	
4/8/2009	<0.005	
10/1/2009	<0.005	
4/14/2010	<0.005	
10/13/2010	<0.005	
4/6/2011	<0.005	
10/4/2011	<0.005	
4/10/2012	<0.005	
9/26/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/4/2014	<0.005	
9/3/2014	<0.005	
4/21/2015	<0.005	
9/29/2015	<0.005	
3/22/2016	<0.005	
5/17/2016	<0.005	
7/6/2016	<0.005	
9/7/2016	<0.005	
10/18/2016	<0.005	
12/6/2016	0.0018 (J)	
2/1/2017	<0.005	
3/24/2017	<0.005	
10/5/2017	<0.005	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/8/2019	<0.005	
9/30/2019	<0.005	
3/26/2020	<0.005	
9/22/2020	<0.005	
3/8/2021	<0.005	
8/10/2021	<0.005	
2/4/2022	<0.005	
8/8/2022	<0.005	
1/30/2023	<0.005	
8/14/2023	<0.005	
2/19/2024		<0.005
8/11/2024		<0.005
2/11/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-5	GWC-5
3/7/2007	<0.005	
5/8/2007	<0.005	
7/6/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/8/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/1/2009	<0.005	
4/14/2010	<0.005	
10/14/2010	<0.005	
4/5/2011	<0.005	
10/12/2011	<0.005	
4/4/2012	<0.005	
9/24/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/5/2014	<0.005	
9/9/2014	<0.005	
4/21/2015	<0.005	
9/29/2015	<0.005	
3/23/2016	<0.005	
5/17/2016	<0.005	
7/6/2016	<0.005	
9/7/2016	<0.005	
10/18/2016	<0.005	
12/8/2016	<0.005	
2/1/2017	<0.005	
3/23/2017	<0.005	
10/4/2017	<0.005	
3/16/2018	<0.005	
10/4/2018	<0.005	
4/9/2019	<0.005	
10/1/2019	0.0012 (J)	
3/31/2020	<0.005	
9/25/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/4/2022	<0.005	
8/9/2022	<0.005	
1/31/2023	<0.005	
8/15/2023	<0.005	
2/20/2024		<0.005
8/12/2024		<0.005
2/11/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-6	GWC-6
3/7/2007	<0.005	
5/9/2007	<0.005	
7/17/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/8/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/1/2009	<0.005	
4/13/2010	<0.005	
10/6/2010	<0.005	
4/5/2011	<0.005	
10/4/2011	<0.005	
4/3/2012	<0.005	
9/18/2012	<0.005	
3/12/2013	<0.005	
9/9/2013	<0.005	
3/5/2014	<0.005	
9/8/2014	<0.005	
4/22/2015	<0.005	
9/29/2015	<0.005	
3/23/2016	<0.005	
5/17/2016	<0.005	
7/6/2016	<0.005	
9/7/2016	<0.005	
10/18/2016	<0.005	
12/8/2016	<0.005	
2/1/2017	<0.005	
3/23/2017	<0.005	
10/4/2017	<0.005	
3/16/2018	<0.005	
10/4/2018	<0.005	
4/8/2019	<0.005	
10/1/2019	<0.005	
3/31/2020	0.00085 (J)	
9/25/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/4/2022	<0.005	
8/8/2022	<0.005	
1/31/2023	<0.005	
8/14/2023	<0.005	
2/21/2024		<0.005
8/12/2024		<0.005
2/12/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	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	
3/31/2008	0.0027	
5/8/2008	<0.005	
12/2/2008	<0.005	
4/8/2009	<0.005	
10/1/2009	0.0016	
4/13/2010	<0.005	
10/7/2010	<0.005	
4/5/2011	<0.005	
10/4/2011	0.0018	
4/3/2012	<0.005	
9/18/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/5/2014	<0.005	
9/8/2014	<0.005	
4/21/2015	<0.005	
9/29/2015	<0.005	
3/23/2016	<0.005	
5/18/2016	<0.005	
7/6/2016	<0.005	
9/7/2016	<0.005	
10/18/2016	<0.005	
12/8/2016	<0.005	
2/2/2017	<0.005	
3/24/2017	0.0011 (J)	
10/4/2017	<0.005	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/8/2019	<0.005	
10/1/2019	<0.005	
3/30/2020	0.00041 (J)	
9/24/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/4/2022	<0.005	
8/10/2022	<0.005	
1/31/2023	<0.005	
8/15/2023	<0.005	
2/21/2024		<0.005
8/11/2024		<0.005
2/12/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-8	GWC-8
5/9/2007	<0.005	
7/6/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	0.0035	
3/31/2008	0.033	
5/8/2008	<0.005	
12/2/2008	<0.005	
4/8/2009	<0.005	
9/30/2009	<0.005	
4/13/2010	<0.005	
10/13/2010	<0.005	
4/5/2011	<0.005	
10/4/2011	<0.005	
4/3/2012	<0.005	
9/19/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	0.0017	
3/5/2014	<0.005	
9/9/2014	<0.005	
4/22/2015	<0.005	
9/29/2015	<0.005	
3/23/2016	<0.005	
5/18/2016	<0.005	
7/6/2016	<0.005	
9/8/2016	<0.005	
10/18/2016	<0.005	
12/8/2016	<0.005	
2/2/2017	<0.005	
3/24/2017	<0.005	
10/5/2017	0.0005 (J)	
3/14/2018	<0.005	
10/4/2018	<0.005	
4/8/2019	<0.005	
10/1/2019	0.0005 (J)	
3/27/2020	<0.005	
9/24/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/4/2022	<0.005	
8/9/2022	<0.005	
1/31/2023	<0.005	
8/15/2023	<0.005	
2/21/2024		<0.005
8/11/2024		<0.005
2/12/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-9
3/7/2007	<0.005	
5/8/2007	0.0013	
7/6/2007	<0.005	
8/28/2007	0.0014	
11/6/2007	0.0024	
5/8/2008	<0.005	
12/2/2008	<0.005	
4/8/2009	<0.005	
9/30/2009	<0.005	
4/13/2010	<0.005	
10/13/2010	<0.005	
4/5/2011	<0.005	
10/4/2011	<0.005	
4/4/2012	<0.005	
9/19/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/5/2014	<0.005	
9/3/2014	<0.005	
4/21/2015	<0.005	
9/29/2015	<0.005	
3/23/2016	<0.005	
5/18/2016	<0.005	
7/6/2016	<0.005	
9/8/2016	<0.005	
10/19/2016	<0.005	
12/8/2016	<0.005	
2/2/2017	<0.005	
3/27/2017	<0.005	
10/5/2017	<0.005	
3/15/2018	<0.005	
10/5/2018	<0.005	
4/8/2019	<0.005	
10/1/2019	<0.005	
3/27/2020	<0.005	
9/24/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/4/2022	<0.005	
8/9/2022	<0.005	
1/31/2023	<0.005	
8/15/2023	<0.005	
2/20/2024		<0.005
8/11/2024		<0.005
2/11/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	GWC-10
3/7/2007	<0.005	
5/8/2007	<0.005	
7/17/2007	<0.005	
8/28/2007	<0.005	
11/7/2007	<0.005	
5/9/2008	<0.005	
12/2/2008	<0.005	
4/8/2009	<0.005	
10/1/2009	<0.005	
4/14/2010	<0.005	
10/13/2010	<0.005	
4/6/2011	<0.005	
10/4/2011	<0.005	
4/10/2012	<0.005	
9/26/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/4/2014	<0.005	
9/3/2014	<0.005	
4/21/2015	<0.005	
9/30/2015	<0.005	
3/23/2016	<0.005	
5/17/2016	0.00424 (J)	
7/6/2016	<0.005	
9/7/2016	<0.005	
10/18/2016	<0.005	
12/6/2016	0.0013 (J)	
2/2/2017	0.001 (J)	
3/27/2017	<0.005	
10/5/2017	<0.005	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/9/2019	<0.005	
10/1/2019	<0.005	
3/27/2020	<0.005	
9/25/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/4/2022	<0.005	
8/9/2022	<0.005	
1/30/2023	<0.005	
8/14/2023	0.0015 (J)	
2/19/2024		<0.005
8/11/2024		<0.005
2/11/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-18	GWC-18
3/7/2007	<0.005	
5/9/2007	<0.005	
7/17/2007	<0.005	
8/28/2007	<0.005	
11/7/2007	<0.005	
5/7/2008	<0.005	
12/3/2008	<0.005	
4/14/2009	<0.005	
10/1/2009	<0.005	
4/13/2010	<0.005	
10/12/2010	<0.005	
4/6/2011	<0.005	
10/12/2011	<0.005	
4/5/2012	<0.005	
9/19/2012	<0.005	
3/13/2013	<0.005	
9/10/2013	<0.005	
3/10/2014	<0.005	
9/3/2014	<0.005	
4/22/2015	<0.005	
9/30/2015	<0.005	
3/24/2016	<0.005	
5/18/2016	<0.005	
7/7/2016	<0.005	
9/8/2016	<0.005	
10/19/2016	<0.005	
12/8/2016	<0.005	
2/2/2017	<0.005	
3/27/2017	<0.005	
10/5/2017	<0.005	
3/16/2018	<0.005	
10/5/2018	<0.005	
4/9/2019	<0.005	
10/1/2019	0.00086 (J)	
3/30/2020	0.00071 (J)	
9/24/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/4/2022	<0.005	
8/9/2022	<0.005	
1/31/2023	<0.005	
8/15/2023	<0.005	
2/20/2024		<0.005
8/12/2024		<0.005
2/12/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-19	GWC-19
3/6/2007	<0.005	
5/9/2007	<0.005	
7/17/2007	<0.005	
8/28/2007	<0.005	
11/7/2007	<0.005	
5/7/2008	<0.005	
12/4/2008	<0.005	
4/14/2009	<0.005	
10/2/2009	<0.005	
4/13/2010	<0.005	
10/12/2010	<0.005	
4/6/2011	<0.005	
10/12/2011	<0.005	
4/5/2012	<0.005	
9/25/2012	<0.005	
3/13/2013	<0.005	
9/11/2013	<0.005	
3/10/2014	<0.005	
9/9/2014	<0.005	
4/22/2015	<0.005	
9/30/2015	<0.005	
3/24/2016	<0.005	
5/18/2016	<0.005	
7/6/2016	<0.005	
9/8/2016	<0.005	
10/18/2016	<0.005	
12/7/2016	<0.005	
2/2/2017	<0.005	
3/27/2017	<0.005	
10/5/2017	0.0012 (J)	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/9/2019	<0.005	
10/1/2019	<0.005	
3/31/2020	0.00042 (J)	
9/28/2020	0.00063 (J)	
3/10/2021	<0.005	
8/10/2021	<0.005	
2/7/2022	<0.005	
8/9/2022	<0.005	
1/31/2023	<0.005	
8/15/2023	<0.005	
2/20/2024		<0.005
8/12/2024		<0.005
2/11/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-20	GWC-20
3/7/2007	<0.005	
5/9/2007	<0.005	
7/17/2007	<0.005	
8/29/2007	0.0016	
11/7/2007	0.0016	
5/7/2008	<0.005	
12/5/2008	<0.005	
4/14/2009	<0.005	
9/30/2009	<0.005	
4/13/2010	<0.005	
10/12/2010	<0.005	
10/12/2011	<0.005	
4/9/2012	<0.005	
9/25/2012	<0.005	
3/13/2013	<0.005	
9/11/2013	<0.005	
3/10/2014	<0.005	
9/9/2014	<0.005	
4/23/2015	<0.005	
9/30/2015	<0.005	
3/23/2016	<0.005	
5/18/2016	<0.005	
7/7/2016	<0.005	
9/8/2016	<0.005	
10/19/2016	0.0064 (J)	
12/7/2016	<0.005	
2/3/2017	<0.005	
3/27/2017	<0.005	
10/5/2017	<0.005	
3/16/2018	<0.005	
10/5/2018	<0.005	
4/9/2019	<0.005	
10/1/2019	<0.005	
3/31/2020	<0.005	
9/23/2020	<0.005	
3/10/2021	<0.005	
8/10/2021	<0.005	
2/7/2022	<0.005	
8/9/2022	<0.005	
1/31/2023	<0.005	
8/15/2023	<0.005	
2/20/2024		<0.005
8/11/2024		<0.005
2/11/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	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	
3/31/2008	<0.005	
5/7/2008	<0.005	
12/5/2008	<0.005	
4/27/2009	<0.005	
9/30/2009	<0.005	
4/13/2010	<0.005	
10/12/2010	<0.005	
10/5/2011	<0.005	
4/10/2012	<0.005	
9/26/2012	<0.005	
3/13/2013	<0.005	
9/11/2013	<0.005	
3/11/2014	<0.005	
9/9/2014	0.0015	
9/30/2015	<0.005	
3/24/2016	<0.005	
5/18/2016	<0.005	
7/7/2016	<0.005	
9/8/2016	<0.005	
10/19/2016	<0.005	
12/7/2016	<0.005	
2/2/2017	<0.005	
3/27/2017	<0.005	
10/5/2017	<0.005	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/9/2019	<0.005	
10/1/2019	<0.005	
3/31/2020	0.00093 (J)	
9/24/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/7/2022	<0.005	
8/9/2022	<0.005	
1/31/2023	<0.005	
8/15/2023	<0.005	
2/20/2024		<0.005
8/11/2024		<0.005
2/11/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-22	GWC-22
3/6/2007	<0.005	
5/9/2007	0.002	
7/17/2007	<0.005	
8/29/2007	<0.005	
11/7/2007	0.0013	
5/7/2008	<0.005	
12/5/2008	<0.005	
4/14/2009	<0.005	
9/30/2009	<0.005	
4/13/2010	<0.005	
10/12/2010	<0.005	
4/6/2011	<0.005	
10/5/2011	<0.005	
4/9/2012	<0.005	
9/25/2012	<0.005	
3/13/2013	<0.005	
9/11/2013	<0.005	
3/11/2014	<0.005	
9/9/2014	<0.005	
4/23/2015	<0.005	
9/30/2015	<0.005	
3/23/2016	<0.005	
5/18/2016	<0.005	
7/7/2016	<0.005	
9/8/2016	<0.005	
10/19/2016	<0.005	
12/7/2016	<0.005	
2/2/2017	<0.005	
3/27/2017	<0.005	
10/5/2017	<0.005	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/9/2019	0.0023 (J)	
10/1/2019	<0.005	
3/31/2020	0.0015 (J)	
9/23/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/7/2022	<0.005	
8/9/2022	<0.005	
1/31/2023	<0.005	
8/15/2023	<0.005	
2/20/2024		<0.005
8/11/2024		<0.005
2/11/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	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	
3/31/2008	<0.005	
5/7/2008	<0.005	
12/5/2008	<0.005	
4/14/2009	<0.005	
10/1/2009	<0.005	
4/14/2010	<0.005	
10/13/2010	<0.005	
4/6/2011	<0.005	
10/12/2011	<0.005	
4/9/2012	<0.005	
9/19/2012	<0.005	
3/13/2013	<0.005	
9/10/2013	<0.005	
3/11/2014	<0.005	
9/3/2014	<0.005	
4/23/2015	<0.005	
9/30/2015	<0.005	
3/23/2016	<0.005	
5/19/2016	<0.005	
7/7/2016	<0.005	
9/8/2016	<0.005	
10/19/2016	<0.005	
12/7/2016	<0.005	
2/3/2017	<0.005	
3/27/2017	<0.005	
10/5/2017	<0.005	
3/15/2018	<0.005	
10/5/2018	<0.005	
4/8/2019	<0.005	
10/1/2019	0.0051 (J)	
3/26/2020	<0.005	
9/23/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/7/2022	<0.005	
8/8/2022	<0.005	
1/31/2023	<0.005	
8/14/2023	<0.005	
2/20/2024		<0.005
8/12/2024		<0.005
2/12/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1	GWA-1
3/6/2007	<0.005	
5/8/2007	<0.005	
7/7/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/9/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/1/2009	<0.005	
4/14/2010	<0.005	
10/13/2010	<0.005	
4/6/2011	<0.005	
10/10/2011	<0.005	
4/3/2012	<0.005	
9/24/2012	<0.005	
3/12/2013	<0.005	
9/11/2013	<0.005	
3/4/2014	0.00043 (J)	
9/3/2014	0.00076 (J)	
4/21/2015	0.00051 (J)	
9/30/2015	0.0006 (J)	
3/22/2016	<0.005	
5/17/2016	<0.005	
7/5/2016	0.0004 (J)	
9/7/2016	<0.005	
10/18/2016	<0.005	
12/6/2016	0.0006 (J)	
1/31/2017	0.0006 (J)	
3/23/2017	0.0007 (J)	
10/4/2017	0.0006 (J)	
3/14/2018	<0.005	
10/4/2018	0.00058 (J)	
4/8/2019	0.00026 (J)	
9/30/2019	0.00042 (J)	
3/26/2020	0.00049 (J)	
9/23/2020	0.00051 (J)	
3/8/2021	0.0005 (J)	
8/9/2021	<0.005	
2/4/2022	0.00057 (J)	
8/8/2022	0.00045 (J)	
1/30/2023	0.0005 (J)	
8/14/2023	0.00043 (J)	
2/19/2024		0.0005 (J)
8/11/2024		0.00043 (J)
2/11/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-2	GWA-2
3/6/2007	<0.005	
5/8/2007	<0.005	
7/7/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/9/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/1/2009	<0.005	
4/13/2010	<0.005	
10/7/2010	<0.005	
4/6/2011	<0.005	
10/6/2011	<0.005	
4/3/2012	<0.005	
9/19/2012	<0.005	
3/12/2013	<0.005	
9/9/2013	<0.005	
3/4/2014	<0.005	
9/3/2014	<0.005	
4/22/2015	<0.005	
9/30/2015	<0.005	
3/22/2016	<0.005	
5/17/2016	<0.005	
7/5/2016	<0.005	
9/7/2016	<0.005	
10/18/2016	<0.005	
12/7/2016	<0.005	
1/31/2017	<0.005	
3/23/2017	<0.005	
10/4/2017	<0.005	
3/14/2018	<0.005	
10/4/2018	<0.005	
4/8/2019	6.1E-05 (J)	
9/30/2019	<0.005	
3/26/2020	<0.005	
9/21/2020	<0.005	
3/9/2021	<0.005	
8/9/2021	<0.005	
2/4/2022	<0.005	
8/8/2022	<0.005	
1/30/2023	<0.005	
8/14/2023	<0.005	
2/19/2024		<0.005
8/10/2024		<0.005
2/11/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-3	GWA-3
3/6/2007	<0.005	
5/8/2007	<0.005	
7/17/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/8/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/2/2009	<0.005	
4/14/2010	<0.005	
10/14/2010	<0.005	
4/5/2011	<0.005	
10/12/2011	<0.005	
4/4/2012	<0.005	
9/26/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/11/2014	<0.005	
9/8/2014	<0.005	
4/21/2015	<0.005	
9/29/2015	<0.005	
3/22/2016	<0.005	
5/17/2016	<0.005	
7/5/2016	0.0003 (J)	
9/7/2016	<0.005	
10/18/2016	<0.005	
12/6/2016	0.0007 (J)	
2/1/2017	<0.005	
3/23/2017	<0.005	
10/4/2017	<0.005	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/5/2019	0.00031 (J)	
9/30/2019	<0.005	
3/26/2020	<0.005	
9/23/2020	<0.005	
3/8/2021	<0.005	
8/9/2021	0.00042 (J)	
2/4/2022	0.00052 (J)	
8/8/2022	0.0013 (J)	
1/30/2023	<0.005	
8/14/2023	0.00095 (J)	
2/19/2024		0.00049 (J)
8/11/2024		0.00035 (J)
2/11/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	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	0.0025	
4/5/2011	<0.005	
10/12/2011	<0.005	
4/4/2012	<0.005	
9/24/2012	0.0016	
3/12/2013	<0.005	
9/10/2013	0.002	
3/11/2014	<0.005	
9/8/2014	0.001 (J)	
4/21/2015	<0.005	
9/29/2015	0.0025 (J)	
3/22/2016	<0.005	
5/17/2016	<0.005	
7/6/2016	0.0004 (J)	
9/7/2016	0.0008 (J)	
10/18/2016	<0.005	
12/6/2016	0.0026 (J)	
2/1/2017	0.0013 (J)	
3/24/2017	0.0014 (J)	
10/4/2017	0.0012 (J)	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/8/2019	0.00044 (J)	
9/30/2019	0.00079 (J)	
3/26/2020	0.00082 (J)	
9/23/2020	<0.005	
3/8/2021	0.00061 (J)	
8/9/2021	<0.005	
2/4/2022	<0.005	
8/8/2022	<0.005	
1/30/2023	<0.005	
8/14/2023	<0.005	
2/19/2024		<0.005
8/11/2024		<0.005
2/11/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	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	0.00047 (J)	
9/3/2014	0.00065 (J)	
4/21/2015	0.00062 (J)	
9/29/2015	0.0009 (J)	
3/22/2016	<0.005	
5/17/2016	<0.005	
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	<0.005	
10/4/2018	0.00072 (J)	
4/8/2019	0.00076 (J)	
9/30/2019	0.00054 (J)	
3/26/2020	0.00063 (J)	
9/22/2020	0.00049 (J)	
3/8/2021	0.00049 (J)	
8/10/2021	0.00047 (J)	
2/4/2022	0.00051 (J)	
8/8/2022	0.00058 (J)	
1/30/2023	0.00043 (J)	
8/14/2023	0.00045 (J)	
2/19/2024		0.00063 (J)
8/11/2024		0.00056 (J)
2/11/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-5	GWC-5
3/7/2007	<0.005	
5/8/2007	<0.005	
7/6/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/8/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/1/2009	<0.005	
4/14/2010	<0.005	
10/14/2010	<0.005	
4/5/2011	<0.005	
10/12/2011	<0.005	
4/4/2012	<0.005	
9/24/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/5/2014	<0.005	
9/9/2014	<0.005	
4/21/2015	<0.005	
9/29/2015	<0.005	
3/23/2016	<0.005	
5/17/2016	<0.005	
7/6/2016	<0.005	
9/7/2016	<0.005	
10/18/2016	<0.005	
12/8/2016	<0.005	
2/1/2017	<0.005	
3/23/2017	0.0007 (J)	
10/4/2017	<0.005	
3/16/2018	<0.005	
10/4/2018	<0.005	
4/9/2019	<0.005	
10/1/2019	<0.005	
3/31/2020	<0.005	
9/25/2020	0.00057 (J)	
3/9/2021	0.00043 (J)	
8/10/2021	0.00098 (J)	
2/4/2022	<0.005	
8/9/2022	0.00061 (J)	
1/31/2023	<0.005	
8/15/2023	0.00046 (J)	
2/20/2024		0.00035 (J)
8/12/2024		0.00072 (J)
2/11/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-6	GWC-6
3/7/2007	<0.005	
5/9/2007	<0.005	
7/17/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/8/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/1/2009	<0.005	
4/13/2010	<0.005	
10/6/2010	<0.005	
4/5/2011	<0.005	
10/4/2011	<0.005	
4/3/2012	<0.005	
9/18/2012	<0.005	
3/12/2013	<0.005	
9/9/2013	<0.005	
3/5/2014	<0.005	
9/8/2014	<0.005	
4/22/2015	<0.005	
9/29/2015	<0.005	
3/23/2016	<0.005	
5/17/2016	<0.005	
7/6/2016	<0.005	
9/7/2016	<0.005	
10/18/2016	<0.005	
12/8/2016	<0.005	
2/1/2017	<0.005	
3/23/2017	<0.005	
10/4/2017	<0.005	
3/16/2018	<0.005	
10/4/2018	<0.005	
4/8/2019	0.00022 (J)	
10/1/2019	<0.005	
3/31/2020	<0.005	
9/25/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/4/2022	<0.005	
8/8/2022	<0.005	
1/31/2023	<0.005	
8/14/2023	<0.005	
2/21/2024		<0.005
8/12/2024		<0.005
2/12/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	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)	
3/31/2008	0.75	
5/8/2008	0.75	
12/2/2008	0.41	
4/8/2009	0.38	
10/1/2009	0.29	
4/13/2010	0.26	
10/7/2010	0.24	
4/5/2011	0.17	
10/4/2011	0.19	
4/3/2012	0.114	
9/18/2012	0.14	
3/12/2013	0.041	
9/10/2013	0.06	
3/5/2014	0.049	
9/8/2014	0.068	
4/21/2015	0.043	
9/29/2015	0.0525	
3/23/2016	0.0172	
5/18/2016	0.021	
7/6/2016	0.0278	
9/7/2016	0.0334	
10/18/2016	0.0368	
12/8/2016	0.0419	
2/2/2017	0.0113	
3/24/2017	0.0094 (J)	
10/4/2017	0.0237	
3/15/2018	0.014	
10/4/2018	0.024	
4/8/2019	0.0086 (J)	
10/1/2019	0.017	
3/30/2020	0.012	
9/24/2020	0.01	
3/9/2021	0.0093	
8/10/2021	0.013	
2/4/2022	0.0092	
8/10/2022	0.013	
1/31/2023	0.031	
8/15/2023	0.021	
2/21/2024		0.03
8/11/2024		0.016
2/12/2025		0.03

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-8	GWC-8
5/9/2007	<0.005	
7/6/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
3/31/2008	0.0079	
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	
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	0.0003 (J)	
3/14/2018	<0.005	
10/4/2018	<0.005	
4/8/2019	0.0017 (J)	
10/1/2019	0.00081 (J)	
3/27/2020	0.0016 (J)	
9/24/2020	0.0011 (J)	
3/9/2021	0.0013 (J)	
8/10/2021	0.004 (J)	
2/4/2022	0.0019 (J)	
8/9/2022	0.0013 (J)	
1/31/2023	0.00055 (J)	
8/15/2023	0.00077 (J)	
2/21/2024		0.00053 (J)
8/11/2024		0.00054 (J)
2/12/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-9
3/7/2007	<0.005	
5/8/2007	<0.005	
7/6/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/8/2008	<0.005	
12/2/2008	<0.005	
4/8/2009	<0.005	
9/30/2009	<0.005	
4/13/2010	<0.005	
10/13/2010	<0.005	
4/5/2011	<0.005	
10/4/2011	<0.005	
4/4/2012	<0.005	
9/19/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/5/2014	<0.005	
9/3/2014	<0.005	
4/21/2015	<0.005	
9/29/2015	<0.005	
3/23/2016	<0.005	
5/18/2016	<0.005	
7/6/2016	0.0004 (J)	
9/8/2016	<0.005	
10/19/2016	<0.005	
12/8/2016	<0.005	
2/2/2017	<0.005	
3/27/2017	<0.005	
10/5/2017	0.0004 (J)	
3/15/2018	<0.005	
10/5/2018	<0.005	
4/8/2019	0.00041 (J)	
10/1/2019	0.00041 (J)	
3/27/2020	0.00063 (J)	
9/24/2020	<0.005	
3/9/2021	0.00042 (J)	
8/10/2021	<0.005	
2/4/2022	<0.005	
8/9/2022	<0.005	
1/31/2023	<0.005	
8/15/2023	<0.005	
2/20/2024		0.00033 (J)
8/11/2024		0.00033 (J)
2/11/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	GWC-10
3/7/2007	<0.005	
5/8/2007	<0.005	
7/17/2007	<0.005	
8/28/2007	<0.005	
11/7/2007	<0.005	
5/9/2008	<0.005	
12/2/2008	<0.005	
4/8/2009	<0.005	
10/1/2009	<0.005	
4/14/2010	<0.005	
10/13/2010	<0.005	
4/6/2011	<0.005	
10/4/2011	<0.005	
4/10/2012	<0.005	
9/26/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/4/2014	<0.005	
9/3/2014	<0.005	
4/21/2015	<0.005	
9/30/2015	<0.005	
3/23/2016	<0.005	
5/17/2016	<0.005	
7/6/2016	<0.005	
9/7/2016	<0.005	
10/18/2016	<0.005	
12/6/2016	<0.005	
2/2/2017	<0.005	
3/27/2017	<0.005	
10/5/2017	<0.005	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/9/2019	<0.005	
10/1/2019	<0.005	
3/27/2020	0.00082 (J)	
9/25/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/4/2022	<0.005	
8/9/2022	<0.005	
1/30/2023	<0.005	
8/14/2023	<0.005	
2/19/2024		<0.005
8/11/2024		<0.005
2/11/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	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	
3/31/2008	<0.01	
5/7/2008	<0.01	
12/5/2008	<0.01	
4/27/2009	<0.01	
9/30/2009	<0.01	
4/13/2010	<0.01	
10/12/2010	<0.01	
10/5/2011	<0.01	
4/10/2012	<0.01	
9/26/2012	0.0033	
3/13/2013	<0.01	
9/11/2013	0.0018	
3/11/2014	0.00029 (J)	
9/9/2014	0.0011 (J)	
9/30/2015	<0.01	
3/24/2016	<0.01	
5/18/2016	<0.01	
7/7/2016	0.0016 (J)	
9/8/2016	0.0006 (J)	
10/19/2016	0.0006 (J)	
12/7/2016	0.0006 (J)	
2/2/2017	<0.01	
3/27/2017	0.001 (J)	
10/5/2017	0.0051 (J)	
3/15/2018	<0.01	
10/4/2018	0.0065 (J)	
4/9/2019	0.0023 (J)	
10/1/2019	0.00046 (J)	
3/31/2020	0.0019 (J)	
9/24/2020	0.00068 (J)	
3/9/2021	0.00049 (J)	
8/10/2021	0.0041 (J)	
2/7/2022	0.0028 (J)	
8/9/2022	0.0027 (J)	
1/31/2023	0.002 (J)	
8/15/2023	0.0032 (J)	
2/20/2024		0.0029 (J)
8/11/2024		0.0022 (J)
2/11/2025		0.0026 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	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	
3/31/2008	<0.005	
5/7/2008	<0.005	
12/5/2008	<0.005	
4/14/2009	<0.005	
10/1/2009	<0.005	
4/14/2010	<0.005	
10/13/2010	<0.005	
4/6/2011	<0.005	
10/12/2011	<0.005	
4/9/2012	<0.005	
9/19/2012	<0.005	
3/13/2013	<0.005	
9/10/2013	<0.005	
3/11/2014	<0.005	
9/3/2014	<0.005	
4/23/2015	<0.005	
9/30/2015	<0.005	
3/23/2016	<0.005	
5/19/2016	<0.005	
7/7/2016	<0.005	
9/8/2016	<0.005	
10/19/2016	<0.005	
12/7/2016	<0.005	
2/3/2017	<0.005	
3/27/2017	<0.005	
10/5/2017	<0.005	
3/15/2018	<0.005	
10/5/2018	0.00058 (J)	
4/8/2019	0.00046 (J)	
10/1/2019	0.00033 (J)	
3/26/2020	0.00035 (J)	
9/23/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/7/2022	<0.005	
8/8/2022	<0.005	
1/31/2023	<0.005	
8/14/2023	<0.005	
2/20/2024		<0.005
8/12/2024		<0.005
2/12/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-2	GWA-2
3/6/2007	<0.005	
5/8/2007	<0.005	
7/7/2007	<0.005	
8/28/2007	0.0032	
11/6/2007	<0.005	
5/9/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/1/2009	<0.005	
4/13/2010	<0.005	
10/7/2010	<0.005	
4/6/2011	<0.005	
10/6/2011	<0.005	
4/3/2012	<0.005	
9/19/2012	<0.005	
3/12/2013	<0.005	
9/9/2013	<0.005	
3/4/2014	<0.005	
9/3/2014	0.0011 (J)	
4/22/2015	<0.005	
9/30/2015	<0.005	
3/22/2016	<0.005	
9/7/2016	<0.005	
3/23/2017	<0.005	
10/4/2017	<0.005	
3/14/2018	<0.005	
10/4/2018	<0.005	
4/8/2019	0.00029 (J)	
9/30/2019	<0.005	
3/26/2020	<0.005	
9/21/2020	<0.005	
3/9/2021	<0.005	
8/9/2021	<0.005	
2/4/2022	<0.005	
8/8/2022	<0.005	
1/30/2023	<0.005	
8/14/2023	<0.005	
2/19/2024		<0.005
8/10/2024		<0.005
2/11/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-3	GWA-3
3/6/2007	<0.005	
5/8/2007	<0.005	
7/17/2007	0.0028	
8/28/2007	0.0039	
11/6/2007	<0.005	
5/8/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/2/2009	<0.005	
4/14/2010	<0.005	
10/14/2010	<0.005	
4/5/2011	<0.005	
10/12/2011	<0.005	
4/4/2012	<0.005	
9/26/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/11/2014	<0.005	
9/8/2014	<0.005	
4/21/2015	<0.005	
9/29/2015	<0.005	
3/22/2016	<0.005	
9/7/2016	<0.005	
3/23/2017	<0.005	
10/4/2017	<0.005	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/5/2019	<0.005	
9/30/2019	<0.005	
3/26/2020	0.00022 (J)	
9/23/2020	<0.005	
3/8/2021	<0.005	
8/9/2021	<0.005	
2/4/2022	<0.005	
8/8/2022	<0.005	
1/30/2023	<0.005	
8/14/2023	<0.005	
2/19/2024		<0.005
8/11/2024		<0.005
2/11/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-4	GWA-4
3/6/2007	<0.005	
5/8/2007	<0.005	
7/17/2007	<0.005	
8/28/2007	0.0061	
11/6/2007	<0.005	
5/8/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/2/2009	<0.005	
4/14/2010	<0.005	
10/14/2010	0.0066	
4/5/2011	<0.005	
10/12/2011	<0.005	
4/4/2012	<0.005	
9/24/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/11/2014	<0.005	
9/8/2014	<0.005	
4/21/2015	<0.005	
9/29/2015	<0.005	
3/22/2016	<0.005	
9/7/2016	<0.005	
3/24/2017	<0.005	
10/4/2017	<0.005	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/8/2019	<0.005	
9/30/2019	<0.005	
3/26/2020	<0.005	
9/23/2020	<0.005	
3/8/2021	<0.005	
8/9/2021	0.00051 (J)	
2/4/2022	<0.005	
8/8/2022	<0.005	
1/30/2023	<0.005	
8/14/2023	<0.005	
2/19/2024		<0.005
8/11/2024		<0.005
2/11/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-11	GWA-11
3/7/2007	<0.005	
5/8/2007	<0.005	
7/17/2007	<0.005	
8/28/2007	0.0032	
11/7/2007	0.0036	
5/9/2008	<0.005	
12/2/2008	<0.005	
4/8/2009	<0.005	
10/1/2009	<0.005	
4/14/2010	<0.005	
10/13/2010	<0.005	
4/6/2011	<0.005	
10/4/2011	<0.005	
4/10/2012	<0.005	
9/26/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/4/2014	<0.005	
9/3/2014	<0.005	
4/21/2015	<0.005	
9/29/2015	<0.005	
3/22/2016	<0.005	
9/7/2016	<0.005	
3/24/2017	<0.005	
10/5/2017	<0.005	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/8/2019	0.0013 (J)	
9/30/2019	<0.005	
3/26/2020	<0.005	
9/22/2020	<0.005	
3/8/2021	<0.005	
8/10/2021	<0.005	
2/4/2022	<0.005	
8/8/2022	<0.005	
1/30/2023	<0.005	
8/14/2023	<0.005	
2/19/2024		<0.005
8/11/2024		<0.005
2/11/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-5	GWC-5
3/7/2007	0.0027	
5/8/2007	0.0026	
7/6/2007	<0.005	
8/28/2007	0.0036	
11/6/2007	<0.005	
5/8/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/1/2009	<0.005	
4/14/2010	<0.005	
10/14/2010	<0.005	
4/5/2011	<0.005	
10/12/2011	<0.005	
4/4/2012	<0.005	
9/24/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/5/2014	<0.005	
9/9/2014	<0.005	
4/21/2015	<0.005	
9/29/2015	<0.005	
3/23/2016	<0.005	
9/7/2016	<0.005	
3/23/2017	<0.005	
10/4/2017	<0.005	
3/16/2018	<0.005	
10/4/2018	<0.005	
4/9/2019	<0.005	
10/1/2019	0.00031 (J)	
3/31/2020	0.00019 (J)	
9/25/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/4/2022	<0.005	
8/9/2022	<0.005	
1/31/2023	<0.005	
8/15/2023	<0.005	
2/20/2024		<0.005
8/12/2024		<0.005
2/11/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-6	GWC-6
3/7/2007	<0.005	
5/9/2007	<0.005	
7/17/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/8/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/1/2009	<0.005	
4/13/2010	<0.005	
10/6/2010	<0.005	
4/5/2011	<0.005	
10/4/2011	<0.005	
4/3/2012	<0.005	
9/18/2012	<0.005	
3/12/2013	<0.005	
9/9/2013	<0.005	
3/5/2014	<0.005	
9/8/2014	<0.005	
4/22/2015	<0.005	
9/29/2015	<0.005	
3/23/2016	<0.005	
9/7/2016	<0.005	
3/23/2017	<0.005	
10/4/2017	<0.005	
3/16/2018	<0.005	
10/4/2018	<0.005	
4/8/2019	<0.005	
10/1/2019	0.00023 (J)	
3/31/2020	<0.005	
9/25/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/4/2022	<0.005	
8/8/2022	<0.005	
1/31/2023	<0.005	
8/14/2023	<0.005	
2/21/2024		<0.005
8/12/2024		<0.005
2/12/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	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	
3/31/2008	<0.005	
5/8/2008	<0.005	
12/2/2008	0.003	
4/8/2009	<0.005	
10/1/2009	<0.005	
4/13/2010	<0.005	
10/7/2010	<0.005	
4/5/2011	<0.005	
10/4/2011	<0.005	
4/3/2012	<0.005	
9/18/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/5/2014	<0.005	
9/8/2014	<0.005	
4/21/2015	0.00082 (J)	
9/29/2015	<0.005	
3/23/2016	<0.005	
9/7/2016	<0.005	
3/24/2017	0.0007 (J)	
10/4/2017	<0.005	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/8/2019	0.00025 (J)	
10/1/2019	0.00034 (J)	
3/30/2020	<0.005	
9/24/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/4/2022	<0.005	
8/10/2022	<0.005	
1/31/2023	<0.005	
8/15/2023	<0.005	
2/21/2024		<0.005
8/11/2024		<0.005
2/12/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-8	GWC-8
5/9/2007	<0.005	
7/6/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
3/31/2008	0.015	
5/8/2008	<0.005	
12/2/2008	<0.005	
4/8/2009	<0.005	
9/30/2009	<0.005	
4/13/2010	<0.005	
10/13/2010	<0.005	
4/5/2011	<0.005	
10/4/2011	<0.005	
4/3/2012	<0.005	
9/19/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/5/2014	<0.005	
9/9/2014	<0.005	
4/22/2015	<0.005	
9/29/2015	<0.005	
3/23/2016	<0.005	
9/8/2016	<0.005	
3/24/2017	<0.005	
10/5/2017	<0.005	
3/14/2018	<0.005	
10/4/2018	<0.005	
4/8/2019	<0.005	
10/1/2019	0.00036 (J)	
3/27/2020	<0.005	
9/24/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/4/2022	<0.005	
8/9/2022	<0.005	
1/31/2023	<0.005	
8/15/2023	<0.005	
2/21/2024		<0.005
8/11/2024		<0.005
2/12/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-9
3/7/2007	0.0043	
5/8/2007	<0.005	
7/6/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/8/2008	<0.005	
12/2/2008	<0.005	
4/8/2009	<0.005	
9/30/2009	<0.005	
4/13/2010	<0.005	
10/13/2010	<0.005	
4/5/2011	<0.005	
10/4/2011	<0.005	
4/4/2012	<0.005	
9/19/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/5/2014	<0.005	
9/3/2014	<0.005	
4/21/2015	<0.005	
9/29/2015	<0.005	
3/23/2016	<0.005	
9/8/2016	<0.005	
3/27/2017	<0.005	
10/5/2017	<0.005	
3/15/2018	<0.005	
10/5/2018	<0.005	
4/8/2019	<0.005	
10/1/2019	<0.005	
3/27/2020	<0.005	
9/24/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	0.0018 (J)	
2/4/2022	<0.005	
8/9/2022	<0.005	
1/31/2023	<0.005	
8/15/2023	<0.005	
2/20/2024		<0.005
8/11/2024		<0.005
2/11/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	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	
10/4/2011	<0.005	
10/12/2011	<0.005	
4/10/2012	<0.005	
9/26/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/4/2014	<0.005	
9/3/2014	<0.005	
4/21/2015	<0.005	
9/30/2015	<0.005	
3/23/2016	<0.005	
9/7/2016	<0.005	
3/27/2017	<0.005	
10/5/2017	<0.005	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/9/2019	<0.005	
10/1/2019	<0.005	
3/27/2020	0.00022 (J)	
9/25/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/4/2022	<0.005	
8/9/2022	0.0023 (J)	
1/30/2023	<0.005	
8/14/2023	<0.005	
2/19/2024		<0.005
8/11/2024		<0.005
2/11/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-18	GWC-18
3/7/2007	<0.005	
5/9/2007	<0.005	
7/17/2007	<0.005	
8/28/2007	<0.005	
11/7/2007	0.0029	
5/7/2008	<0.005	
12/3/2008	<0.005	
4/14/2009	<0.005	
10/1/2009	<0.005	
4/13/2010	<0.005	
10/12/2010	<0.005	
4/6/2011	<0.005	
10/12/2011	<0.005	
4/5/2012	<0.005	
9/19/2012	<0.005	
3/13/2013	<0.005	
9/10/2013	<0.005	
3/10/2014	<0.005	
9/3/2014	0.00099 (J)	
4/22/2015	<0.005	
9/30/2015	<0.005	
3/24/2016	<0.005	
9/8/2016	<0.005	
3/27/2017	<0.005	
10/5/2017	<0.005	
3/16/2018	<0.005	
10/5/2018	<0.005	
4/9/2019	<0.005	
10/1/2019	0.00037 (J)	
3/30/2020	<0.005	
9/24/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/4/2022	<0.005	
8/9/2022	<0.005	
1/31/2023	<0.005	
8/15/2023	<0.005	
2/20/2024		<0.005
8/12/2024		<0.005
2/12/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-19	GWC-19
3/6/2007	<0.005	
5/9/2007	<0.005	
7/17/2007	<0.005	
8/28/2007	<0.005	
11/7/2007	0.0035	
5/7/2008	<0.005	
12/4/2008	<0.005	
4/14/2009	<0.005	
10/2/2009	<0.005	
4/13/2010	<0.005	
10/12/2010	<0.005	
4/6/2011	<0.005	
10/12/2011	<0.005	
4/5/2012	<0.005	
9/25/2012	<0.005	
3/13/2013	<0.005	
9/11/2013	<0.005	
3/10/2014	<0.005	
9/9/2014	<0.005	
4/22/2015	<0.005	
9/30/2015	<0.005	
3/24/2016	<0.005	
9/8/2016	<0.005	
3/27/2017	0.0004 (J)	
10/5/2017	0.0005 (J)	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/9/2019	0.0014 (J)	
10/1/2019	0.00019 (J)	
3/31/2020	<0.005	
9/28/2020	<0.005	
3/10/2021	<0.005	
8/10/2021	<0.005	
2/7/2022	<0.005	
8/9/2022	<0.005	
1/31/2023	<0.005	
8/15/2023	<0.005	
2/20/2024		<0.005
8/12/2024		<0.005
2/11/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-20	GWC-20
3/7/2007	<0.005	
5/9/2007	<0.005	
7/17/2007	<0.005	
8/29/2007	<0.005	
11/7/2007	0.0028	
5/7/2008	<0.005	
12/5/2008	<0.005	
4/14/2009	<0.005	
9/30/2009	<0.005	
4/13/2010	<0.005	
10/12/2010	<0.005	
10/12/2011	<0.005	
4/9/2012	<0.005	
9/25/2012	<0.005	
3/13/2013	<0.005	
9/11/2013	<0.005	
3/10/2014	<0.005	
9/9/2014	<0.005	
4/23/2015	<0.005	
9/30/2015	<0.005	
3/23/2016	<0.005	
9/8/2016	<0.005	
3/27/2017	<0.005	
10/5/2017	<0.005	
3/16/2018	<0.005	
10/5/2018	<0.005	
4/9/2019	<0.005	
10/1/2019	0.00023 (J)	
3/31/2020	<0.005	
9/23/2020	<0.005	
3/10/2021	<0.005	
8/10/2021	<0.005	
2/7/2022	<0.005	
8/9/2022	<0.005	
1/31/2023	<0.005	
8/15/2023	<0.005	
2/20/2024		<0.005
8/11/2024		<0.005
2/11/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	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	
3/31/2008	<0.005	
5/7/2008	0.0026	
12/5/2008	<0.005	
4/27/2009	<0.005	
9/30/2009	<0.005	
4/13/2010	<0.005	
10/12/2010	<0.005	
10/5/2011	<0.005	
4/10/2012	<0.005	
9/26/2012	<0.005	
3/13/2013	<0.005	
9/11/2013	<0.005	
3/11/2014	<0.005	
9/9/2014	0.0013 (J)	
9/30/2015	0.0008 (J)	
3/24/2016	<0.005	
9/8/2016	0.0006 (J)	
3/27/2017	0.0005 (J)	
10/5/2017	<0.005	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/9/2019	<0.005	
10/1/2019	0.00084 (J)	
3/31/2020	0.00082 (J)	
9/24/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/7/2022	<0.005	
8/9/2022	<0.005	
1/31/2023	0.0012 (J)	
8/15/2023	<0.005	
2/20/2024		0.00075 (J)
8/11/2024		<0.005
2/11/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-22	GWC-22
3/6/2007	<0.005	
5/9/2007	<0.005	
7/17/2007	<0.005	
8/29/2007	<0.005	
11/7/2007	0.0033	
5/7/2008	<0.005	
12/5/2008	<0.005	
4/14/2009	<0.005	
9/30/2009	<0.005	
4/13/2010	<0.005	
10/12/2010	<0.005	
4/6/2011	<0.005	
10/5/2011	<0.005	
4/9/2012	<0.005	
9/25/2012	<0.005	
3/13/2013	<0.005	
9/11/2013	<0.005	
3/11/2014	<0.005	
9/9/2014	<0.005	
4/23/2015	<0.005	
9/30/2015	<0.005	
3/23/2016	<0.005	
9/8/2016	<0.005	
3/27/2017	<0.005	
10/5/2017	<0.005	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/9/2019	<0.005	
10/1/2019	0.00031 (J)	
3/31/2020	0.0002 (J)	
9/23/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/7/2022	<0.005	
8/9/2022	<0.005	
1/31/2023	<0.005	
8/15/2023	<0.005	
2/20/2024		<0.005
8/11/2024		<0.005
2/11/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	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	
3/31/2008	<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	0.0012 (J)	
3/23/2016	<0.005	
9/8/2016	<0.005	
3/27/2017	<0.005	
10/5/2017	0.0003 (J)	
3/15/2018	0.0016 (J)	
10/5/2018	<0.005	
4/8/2019	0.0005 (J)	
10/1/2019	0.00083 (J)	
3/26/2020	0.00067 (J)	
9/23/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	0.00078 (J)	
2/7/2022	0.00088 (J)	
8/8/2022	<0.005	
1/31/2023	<0.005	
8/14/2023	<0.005	
2/20/2024		<0.005
8/12/2024		<0.005
2/12/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-3	GWA-3
3/6/2007	<0.001	
5/8/2007	<0.001	
7/17/2007	<0.001	
8/28/2007	<0.001	
11/6/2007	<0.001	
5/8/2008	<0.001	
12/3/2008	<0.001	
4/7/2009	<0.001	
10/2/2009	<0.001	
4/14/2010	<0.001	
10/14/2010	<0.001	
4/5/2011	<0.001	
10/12/2011	<0.001	
4/4/2012	<0.001	
9/26/2012	<0.001	
3/12/2013	<0.001	
9/10/2013	<0.001	
3/11/2014	<0.001	
9/8/2014	<0.001	
4/21/2015	<0.001	
9/29/2015	<0.001	
3/22/2016	<0.001	
5/17/2016	<0.001	
7/5/2016	<0.001	
9/7/2016	<0.001	
10/18/2016	<0.001	
12/6/2016	<0.001	
2/1/2017	<0.001	
3/23/2017	<0.001	
10/4/2017	<0.001	
3/15/2018	<0.001	
10/4/2018	<0.001	
4/5/2019	<0.001	
9/30/2019	<0.001	
3/26/2020	4.7E-05 (J)	
9/23/2020	<0.001	
3/8/2021	4E-05 (J)	
8/9/2021	<0.001	
2/4/2022	<0.001	
8/8/2022	<0.001	
1/30/2023	<0.001	
8/14/2023	<0.001	
2/19/2024		<0.001
8/11/2024		<0.001
2/11/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-11	GWA-11
3/7/2007	<0.001	
5/8/2007	<0.001	
7/17/2007	<0.001	
8/28/2007	<0.001	
11/7/2007	<0.001	
5/9/2008	<0.001	
12/2/2008	<0.001	
4/8/2009	<0.001	
10/1/2009	<0.001	
4/14/2010	<0.001	
10/13/2010	<0.001	
4/6/2011	<0.001	
10/4/2011	<0.001	
4/10/2012	<0.001	
9/26/2012	<0.001	
3/12/2013	<0.001	
9/10/2013	<0.001	
3/4/2014	<0.001	
9/3/2014	<0.001	
4/21/2015	<0.001	
9/29/2015	<0.001	
3/22/2016	<0.001	
5/17/2016	<0.001	
7/6/2016	<0.001	
9/7/2016	<0.001	
10/18/2016	<0.001	
12/6/2016	<0.001	
2/1/2017	<0.001	
3/24/2017	7E-05 (J)	
10/5/2017	<0.001	
3/15/2018	<0.001	
10/4/2018	<0.001	
4/8/2019	<0.001	
9/30/2019	<0.001	
3/26/2020	<0.001	
9/22/2020	<0.001	
3/8/2021	<0.001	
8/10/2021	<0.001	
2/4/2022	<0.001	
8/8/2022	<0.001	
1/30/2023	<0.001	
8/14/2023	<0.001	
2/19/2024		<0.001
8/11/2024		<0.001
2/11/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-5	GWC-5
3/7/2007	<0.001	
5/8/2007	<0.001	
7/6/2007	<0.001	
8/28/2007	<0.001	
11/6/2007	<0.001	
5/8/2008	<0.001	
12/3/2008	<0.001	
4/7/2009	<0.001	
10/1/2009	<0.001	
4/14/2010	<0.001	
10/14/2010	<0.001	
4/5/2011	<0.001	
10/12/2011	<0.001	
4/4/2012	<0.001	
9/24/2012	<0.001	
3/12/2013	<0.001	
9/10/2013	<0.001	
3/5/2014	<0.001	
9/9/2014	<0.001	
4/21/2015	<0.001	
9/29/2015	<0.001	
3/23/2016	<0.001	
5/17/2016	<0.001	
7/6/2016	<0.001	
9/7/2016	<0.001	
10/18/2016	<0.001	
12/8/2016	<0.001	
2/1/2017	<0.001	
3/23/2017	<0.001	
10/4/2017	<0.001	
3/16/2018	<0.001	
10/4/2018	<0.001	
4/9/2019	0.00039 (J)	
10/1/2019	6.5E-05 (J)	
3/31/2020	<0.001	
9/25/2020	<0.001	
3/9/2021	<0.001	
8/10/2021	<0.001	
2/4/2022	<0.001	
8/9/2022	<0.001	
1/31/2023	<0.001	
8/15/2023	<0.001	
2/20/2024		<0.001
8/12/2024		<0.001
2/11/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-6	GWC-6
3/7/2007	<0.001	
5/9/2007	<0.001	
7/17/2007	<0.001	
8/28/2007	<0.001	
11/6/2007	<0.001	
5/8/2008	<0.001	
12/3/2008	<0.001	
4/7/2009	<0.001	
10/1/2009	<0.001	
4/13/2010	<0.001	
10/6/2010	<0.001	
4/5/2011	<0.001	
10/4/2011	<0.001	
4/3/2012	<0.001	
9/18/2012	<0.001	
3/12/2013	<0.001	
9/9/2013	<0.001	
3/5/2014	<0.001	
9/8/2014	<0.001	
4/22/2015	<0.001	
9/29/2015	<0.001	
3/23/2016	<0.001	
5/17/2016	<0.001	
7/6/2016	<0.001	
9/7/2016	<0.001	
10/18/2016	<0.001	
12/8/2016	0.0001 (J)	
2/1/2017	<0.001	
3/23/2017	<0.001	
10/4/2017	<0.001	
3/16/2018	<0.001	
10/4/2018	<0.001	
4/8/2019	<0.001	
10/1/2019	<0.001	
3/31/2020	<0.001	
9/25/2020	<0.001	
3/9/2021	<0.001	
8/10/2021	<0.001	
2/4/2022	<0.001	
8/8/2022	<0.001	
1/31/2023	<0.001	
8/14/2023	<0.001	
2/21/2024		<0.001
8/12/2024		<0.001
2/12/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-7	GWC-7
5/9/2007	<0.001	
7/6/2007	<0.001	
8/28/2007	<0.001	
11/6/2007	<0.001	
3/31/2008	<0.001	
5/8/2008	<0.001	
12/2/2008	<0.001	
4/8/2009	<0.001	
10/1/2009	<0.001	
4/13/2010	<0.001	
10/7/2010	<0.001	
4/5/2011	<0.001	
10/4/2011	<0.001	
4/3/2012	<0.001	
9/18/2012	<0.001	
3/12/2013	<0.001	
9/10/2013	<0.001	
3/5/2014	0.0016 (J)	
9/8/2014	<0.001	
4/21/2015	<0.001	
9/29/2015	<0.001	
3/23/2016	<0.001	
5/18/2016	<0.001	
7/6/2016	0.0001 (J)	
9/7/2016	<0.001	
10/18/2016	<0.001	
12/8/2016	<0.001	
2/2/2017	0.0003 (J)	
3/24/2017	0.0002 (J)	
10/4/2017	7E-05 (J)	
3/15/2018	<0.001	
10/4/2018	<0.001	
4/8/2019	<0.001	
10/1/2019	5E-05 (J)	
3/30/2020	4.8E-05 (J)	
9/24/2020	6E-05 (J)	
3/9/2021	8.5E-05 (J)	
8/10/2021	<0.001	
2/4/2022	<0.001	
8/10/2022	<0.001	
1/31/2023	<0.001	
8/15/2023	<0.001	
2/21/2024		<0.001
8/11/2024		<0.001
2/12/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-8	GWC-8
5/9/2007	<0.001	
7/6/2007	<0.001	
8/28/2007	<0.001	
11/6/2007	<0.001	
3/31/2008	<0.001	
5/8/2008	<0.001	
12/2/2008	<0.001	
4/8/2009	<0.001	
9/30/2009	<0.001	
4/13/2010	<0.001	
10/13/2010	<0.001	
4/5/2011	<0.001	
10/4/2011	<0.001	
4/3/2012	<0.001	
9/19/2012	<0.001	
3/12/2013	<0.001	
9/10/2013	<0.001	
3/5/2014	<0.001	
9/9/2014	<0.001	
4/22/2015	<0.001	
9/29/2015	<0.001	
3/23/2016	<0.001	
5/18/2016	<0.001	
7/6/2016	<0.001	
9/8/2016	<0.001	
10/18/2016	<0.001	
12/8/2016	0.0002 (J)	
2/2/2017	<0.001	
3/24/2017	<0.001	
10/5/2017	<0.001	
3/14/2018	<0.001	
10/4/2018	<0.001	
4/8/2019	<0.001	
10/1/2019	<0.001	
3/27/2020	<0.001	
9/24/2020	4.9E-05 (J)	
3/9/2021	<0.001	
8/10/2021	<0.001	
2/4/2022	<0.001	
8/9/2022	<0.001	
1/31/2023	<0.001	
8/15/2023	<0.001	
2/21/2024		<0.001
8/11/2024		<0.001
2/12/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	GWC-10
3/7/2007	<0.001	
5/8/2007	<0.001	
7/17/2007	<0.001	
8/28/2007	<0.001	
11/7/2007	<0.001	
5/9/2008	<0.001	
12/2/2008	<0.001	
4/8/2009	<0.001	
10/1/2009	<0.001	
4/14/2010	<0.001	
10/13/2010	<0.001	
4/6/2011	<0.001	
10/4/2011	<0.001	
4/10/2012	<0.001	
9/26/2012	<0.001	
3/12/2013	<0.001	
9/10/2013	<0.001	
3/4/2014	<0.001	
9/3/2014	<0.001	
4/21/2015	<0.001	
9/30/2015	<0.001	
3/23/2016	<0.001	
5/17/2016	<0.001	
7/6/2016	<0.001	
9/7/2016	<0.001	
10/18/2016	<0.001	
12/6/2016	<0.001	
2/2/2017	<0.001	
3/27/2017	<0.001	
10/5/2017	<0.001	
3/15/2018	<0.001	
10/4/2018	<0.001	
4/9/2019	<0.001	
10/1/2019	<0.001	
3/27/2020	5.4E-05 (J)	
9/25/2020	<0.001	
3/9/2021	<0.001	
8/10/2021	<0.001	
2/4/2022	<0.001	
8/9/2022	<0.001	
1/30/2023	<0.001	
8/14/2023	<0.001	
2/19/2024		<0.001
8/11/2024		<0.001
2/11/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-18	GWC-18
3/7/2007	<0.001	
5/9/2007	<0.001	
7/17/2007	<0.001	
8/28/2007	<0.001	
11/7/2007	<0.001	
5/7/2008	<0.001	
12/3/2008	<0.001	
4/14/2009	<0.001	
10/1/2009	<0.001	
4/13/2010	<0.001	
10/12/2010	<0.001	
4/6/2011	<0.001	
10/12/2011	<0.001	
4/5/2012	<0.001	
9/19/2012	<0.001	
3/13/2013	<0.001	
9/10/2013	<0.001	
3/10/2014	<0.001	
9/3/2014	<0.001	
4/22/2015	<0.001	
9/30/2015	<0.001	
3/24/2016	<0.001	
5/18/2016	<0.001	
7/7/2016	<0.001	
9/8/2016	<0.001	
10/19/2016	<0.001	
12/8/2016	<0.001	
2/2/2017	<0.001	
3/27/2017	<0.001	
10/5/2017	<0.001	
3/16/2018	<0.001	
10/5/2018	<0.001	
4/9/2019	<0.001	
10/1/2019	<0.001	
3/30/2020	<0.001	
9/24/2020	4E-05 (J)	
3/9/2021	<0.001	
8/10/2021	<0.001	
2/4/2022	<0.001	
8/9/2022	<0.001	
1/31/2023	<0.001	
8/15/2023	<0.001	
2/20/2024		<0.001
8/12/2024		<0.001
2/12/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-19	GWC-19
3/6/2007	<0.001	
5/9/2007	<0.001	
7/17/2007	<0.001	
8/28/2007	<0.001	
11/7/2007	<0.001	
5/7/2008	<0.001	
12/4/2008	<0.001	
4/14/2009	<0.001	
10/2/2009	<0.001	
4/13/2010	<0.001	
10/12/2010	<0.001	
4/6/2011	<0.001	
10/12/2011	<0.001	
4/5/2012	<0.001	
9/25/2012	<0.001	
3/13/2013	<0.001	
9/11/2013	<0.001	
3/10/2014	<0.001	
9/9/2014	<0.001	
4/22/2015	<0.001	
9/30/2015	<0.001	
3/24/2016	<0.001	
5/18/2016	<0.001	
7/6/2016	<0.001	
9/8/2016	<0.001	
10/18/2016	<0.001	
12/7/2016	<0.001	
2/2/2017	<0.001	
3/27/2017	<0.001	
10/5/2017	0.0002 (J)	
3/15/2018	<0.001	
10/4/2018	<0.001	
4/9/2019	<0.001	
10/1/2019	<0.001	
3/31/2020	6.1E-05 (J)	
9/28/2020	0.00014 (J)	
3/10/2021	<0.001	
8/10/2021	<0.001	
2/7/2022	<0.001	
8/9/2022	<0.001	
1/31/2023	<0.001	
8/15/2023	<0.001	
2/20/2024		<0.001
8/12/2024		<0.001
2/11/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-20	GWC-20
3/7/2007	<0.001	
5/9/2007	<0.001	
7/17/2007	<0.001	
8/29/2007	<0.001	
11/7/2007	<0.001	
5/7/2008	<0.001	
12/5/2008	<0.001	
4/14/2009	<0.001	
9/30/2009	<0.001	
4/13/2010	<0.001	
10/12/2010	<0.001	
10/12/2011	<0.001	
4/9/2012	<0.001	
9/25/2012	<0.001	
3/13/2013	<0.001	
9/11/2013	<0.001	
3/10/2014	<0.001	
9/9/2014	<0.001	
4/23/2015	<0.001	
9/30/2015	<0.001	
3/23/2016	<0.001	
5/18/2016	<0.001	
7/7/2016	<0.001	
9/8/2016	<0.001	
10/19/2016	<0.001	
12/7/2016	<0.001	
2/3/2017	<0.001	
3/27/2017	7E-05 (J)	
10/5/2017	<0.001	
3/16/2018	<0.001	
10/5/2018	<0.001	
4/9/2019	<0.001	
10/1/2019	<0.001	
3/31/2020	<0.001	
9/23/2020	<0.001	
3/10/2021	<0.001	
8/10/2021	<0.001	
2/7/2022	<0.001	
8/9/2022	<0.001	
1/31/2023	<0.001	
8/15/2023	<0.001	
2/20/2024		<0.001
8/11/2024		<0.001
2/11/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	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	
3/31/2008	<0.001	
5/7/2008	<0.001	
12/5/2008	<0.001	
4/27/2009	<0.001	
9/30/2009	<0.001	
4/13/2010	<0.001	
10/12/2010	<0.001	
10/5/2011	<0.001	
4/10/2012	<0.001	
9/26/2012	<0.001	
3/13/2013	<0.001	
9/11/2013	<0.001	
3/11/2014	<0.001	
9/9/2014	<0.001	
9/30/2015	<0.001	
3/24/2016	<0.001	
5/18/2016	<0.001	
7/7/2016	<0.001	
9/8/2016	<0.001	
10/19/2016	<0.001	
12/7/2016	0.0001 (J)	
2/2/2017	<0.001	
3/27/2017	<0.001	
10/5/2017	<0.001	
3/15/2018	<0.001	
10/4/2018	<0.001	
4/9/2019	<0.001	
10/1/2019	7.5E-05 (J)	
3/31/2020	<0.001	
9/24/2020	0.00012 (J)	
3/9/2021	0.00013 (J)	
8/10/2021	<0.001	
2/7/2022	<0.001	
8/9/2022	<0.001	
1/31/2023	<0.001	
8/15/2023	<0.001	
2/20/2024		<0.001
8/11/2024		<0.001
2/11/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-22	GWC-22
3/6/2007	<0.001	
5/9/2007	<0.001	
7/17/2007	<0.001	
8/29/2007	<0.001	
11/7/2007	<0.001	
5/7/2008	<0.001	
12/5/2008	<0.001	
4/14/2009	<0.001	
9/30/2009	<0.001	
4/13/2010	<0.001	
10/12/2010	<0.001	
4/6/2011	<0.001	
10/5/2011	<0.001	
4/9/2012	<0.001	
9/25/2012	<0.001	
3/13/2013	<0.001	
9/11/2013	<0.001	
3/11/2014	<0.001	
9/9/2014	<0.001	
4/23/2015	<0.001	
9/30/2015	<0.001	
3/23/2016	<0.001	
5/18/2016	<0.001	
7/7/2016	<0.001	
9/8/2016	<0.001	
10/19/2016	<0.001	
12/7/2016	<0.001	
2/2/2017	<0.001	
3/27/2017	<0.001	
10/5/2017	<0.001	
3/15/2018	<0.001	
10/4/2018	<0.001	
4/9/2019	<0.001	
10/1/2019	0.00012 (J)	
3/31/2020	0.00013 (J)	
9/23/2020	6.6E-05 (J)	
3/9/2021	3.8E-05 (J)	
8/10/2021	<0.001	
2/7/2022	<0.001	
8/9/2022	<0.001	
1/31/2023	<0.001	
8/15/2023	<0.001	
2/20/2024		<0.001
8/11/2024		<0.001
2/11/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	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	
3/31/2008	<0.001	
5/7/2008	<0.001	
12/5/2008	<0.001	
4/14/2009	<0.001	
10/1/2009	<0.001	
4/14/2010	<0.001	
10/13/2010	<0.001	
4/6/2011	<0.001	
10/12/2011	<0.001	
4/9/2012	<0.001	
9/19/2012	<0.001	
3/13/2013	<0.001	
9/10/2013	<0.001	
3/11/2014	<0.001	
9/3/2014	<0.001	
4/23/2015	<0.001	
9/30/2015	<0.001	
3/23/2016	<0.001	
5/19/2016	<0.001	
7/7/2016	<0.001	
9/8/2016	<0.001	
10/19/2016	<0.001	
12/7/2016	<0.001	
2/3/2017	<0.001	
3/27/2017	<0.001	
10/5/2017	<0.001	
3/15/2018	<0.001	
10/5/2018	0.00042 (J)	
4/8/2019	0.00018 (J)	
10/1/2019	0.00022 (J)	
3/26/2020	0.00016 (J)	
9/23/2020	0.00036 (J)	
3/9/2021	0.00011 (J)	
8/10/2021	<0.001	
2/7/2022	<0.001	
8/8/2022	<0.001	
1/31/2023	<0.001	
8/14/2023	<0.001	
2/20/2024		<0.001
8/12/2024		<0.001
2/12/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1	GWA-1
3/6/2007	<0.005	
5/8/2007	<0.005	
7/7/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/9/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/1/2009	<0.005	
4/14/2010	<0.005	
10/13/2010	<0.005	
4/6/2011	<0.005	
10/10/2011	<0.005	
4/3/2012	<0.005	
9/24/2012	<0.005	
3/12/2013	<0.005	
9/11/2013	<0.005	
3/4/2014	0.001 (J)	
9/3/2014	<0.005	
4/21/2015	<0.005	
9/30/2015	<0.005	
3/22/2016	<0.005	
9/7/2016	0.0008 (J)	
3/23/2017	0.0007 (J)	
10/4/2017	0.0006 (J)	
3/14/2018	<0.005	
10/4/2018	<0.005	
4/8/2019	0.00034 (J)	
9/30/2019	0.00037 (J)	
3/26/2020	0.00065 (J)	
9/23/2020	<0.005	
3/8/2021	<0.005	
8/9/2021	<0.005	
2/4/2022	<0.005	
8/8/2022	<0.005	
1/30/2023	<0.005	
8/14/2023	<0.005	
2/19/2024		<0.005
8/11/2024		<0.005
2/11/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-2	GWA-2
3/6/2007	<0.005	
5/8/2007	<0.005	
7/7/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/9/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/1/2009	<0.005	
4/13/2010	<0.005	
10/7/2010	<0.005	
4/6/2011	<0.005	
10/6/2011	<0.005	
4/3/2012	<0.005	
9/19/2012	<0.005	
3/12/2013	<0.005	
9/9/2013	<0.005	
3/4/2014	0.0007 (J)	
9/3/2014	<0.005	
4/22/2015	<0.005	
9/30/2015	<0.005	
3/22/2016	<0.005	
9/7/2016	<0.005	
3/23/2017	<0.005	
10/4/2017	<0.005	
3/14/2018	<0.005	
10/4/2018	<0.005	
4/8/2019	<0.005	
9/30/2019	<0.005	
3/26/2020	<0.005	
9/21/2020	<0.005	
3/9/2021	<0.005	
8/9/2021	<0.005	
2/4/2022	<0.005	
8/8/2022	<0.005	
1/30/2023	<0.005	
8/14/2023	<0.005	
2/19/2024		<0.005
8/10/2024		<0.005
2/11/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-3	GWA-3
3/6/2007	<0.005	
5/8/2007	<0.005	
7/17/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/8/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/2/2009	<0.005	
4/14/2010	<0.005	
10/14/2010	<0.005	
4/5/2011	<0.005	
10/12/2011	<0.005	
4/4/2012	<0.005	
9/26/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/11/2014	0.0013 (J)	
9/8/2014	<0.005	
4/21/2015	<0.005	
9/29/2015	<0.005	
3/22/2016	<0.005	
9/7/2016	<0.005	
3/23/2017	0.0022 (J)	
10/4/2017	<0.005	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/5/2019	0.00075 (J)	
9/30/2019	<0.005	
3/26/2020	0.0011 (J)	
9/23/2020	<0.005	
3/8/2021	<0.005	
8/9/2021	<0.005	
2/4/2022	0.0009 (J)	
8/8/2022	0.00092 (J)	
1/30/2023	0.00082 (J)	
8/14/2023	0.0021 (J)	
2/19/2024		<0.005
8/11/2024		<0.005
2/11/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-4	GWA-4
3/6/2007	<0.005	
5/8/2007	<0.005	
7/17/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/8/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/2/2009	<0.005	
4/14/2010	<0.005	
10/14/2010	<0.005	
4/5/2011	0.0032	
10/12/2011	<0.005	
4/4/2012	<0.005	
9/24/2012	0.0032	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/11/2014	0.0026	
9/8/2014	0.0017 (J)	
4/21/2015	0.0016 (J)	
9/29/2015	0.0055	
3/22/2016	<0.005	
9/7/2016	0.0014 (J)	
3/24/2017	0.0017 (J)	
10/4/2017	0.0023 (J)	
3/15/2018	0.0024 (J)	
10/4/2018	0.0013 (J)	
4/8/2019	0.00089 (J)	
9/30/2019	0.0013 (J)	
3/26/2020	0.00096 (J)	
9/23/2020	0.00091 (J)	
3/8/2021	<0.005	
8/9/2021	0.001 (J)	
2/4/2022	0.00087 (J)	
8/8/2022	<0.005	
1/30/2023	<0.005	
8/14/2023	<0.005	
2/19/2024		<0.005
8/11/2024		<0.005
2/11/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-11	GWA-11
3/7/2007	<0.005	
5/8/2007	<0.005	
7/17/2007	<0.005	
8/28/2007	<0.005	
11/7/2007	<0.005	
5/9/2008	<0.005	
12/2/2008	<0.005	
4/8/2009	<0.005	
10/1/2009	<0.005	
4/14/2010	<0.005	
10/13/2010	<0.005	
4/6/2011	<0.005	
10/4/2011	<0.005	
4/10/2012	<0.005	
9/26/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/4/2014	0.002 (J)	
9/3/2014	0.002 (J)	
4/21/2015	0.002 (J)	
9/29/2015	0.0022 (J)	
3/22/2016	<0.005	
9/7/2016	0.0026 (J)	
3/24/2017	0.0024 (J)	
10/5/2017	0.0023 (J)	
3/15/2018	0.0026 (J)	
10/4/2018	0.0023 (J)	
4/8/2019	0.0023 (J)	
9/30/2019	0.0017 (J)	
3/26/2020	0.002 (J)	
9/22/2020	0.0014 (J)	
3/8/2021	0.001 (J)	
8/10/2021	0.0017 (J)	
2/4/2022	0.0019 (J)	
8/8/2022	0.0017 (J)	
1/30/2023	0.0017 (J)	
8/14/2023	0.0016 (J)	
2/19/2024		0.0022 (J)
8/11/2024		<0.005
2/11/2025		0.0022 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-5	GWC-5
3/7/2007	<0.005	
5/8/2007	<0.005	
7/6/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/8/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/1/2009	<0.005	
4/14/2010	<0.005	
10/14/2010	<0.005	
4/5/2011	<0.005	
10/12/2011	<0.005	
4/4/2012	<0.005	
9/24/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/5/2014	0.001 (J)	
9/9/2014	<0.005	
4/21/2015	<0.005	
9/29/2015	<0.005	
3/23/2016	<0.005	
9/7/2016	<0.005	
3/23/2017	0.0008 (J)	
10/4/2017	<0.005	
3/16/2018	<0.005	
10/4/2018	<0.005	
4/9/2019	0.00098 (J)	
10/1/2019	0.00088 (J)	
3/31/2020	0.0013 (J)	
9/25/2020	0.00078 (J)	
3/9/2021	<0.005	
8/10/2021	0.00085 (J)	
2/4/2022	<0.005	
8/9/2022	<0.005	
1/31/2023	<0.005	
8/15/2023	<0.005	
2/20/2024		<0.005
8/12/2024		<0.005
2/11/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-6	GWC-6
3/7/2007	<0.005	
5/9/2007	<0.005	
7/17/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/8/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/1/2009	<0.005	
4/13/2010	<0.005	
10/6/2010	<0.005	
4/5/2011	<0.005	
10/4/2011	<0.005	
4/3/2012	<0.005	
9/18/2012	<0.005	
3/12/2013	<0.005	
9/9/2013	<0.005	
3/5/2014	0.00092 (J)	
9/8/2014	<0.005	
4/22/2015	<0.005	
9/29/2015	<0.005	
3/23/2016	<0.005	
9/7/2016	<0.005	
3/23/2017	<0.005	
10/4/2017	<0.005	
3/16/2018	<0.005	
10/4/2018	<0.005	
4/8/2019	0.00032 (J)	
10/1/2019	0.00042 (J)	
3/31/2020	<0.005	
9/25/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/4/2022	<0.005	
8/8/2022	<0.005	
1/31/2023	<0.005	
8/14/2023	<0.005	
2/21/2024		<0.005
8/12/2024		<0.005
2/12/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

	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)	
3/31/2008	2.2	
5/8/2008	2.1 (O)	
12/2/2008	1.2	
4/8/2009	1.1	
10/1/2009	0.88	
4/13/2010	0.82	
10/7/2010	0.72	
4/5/2011	0.52	
10/4/2011	0.56	
4/3/2012	0.365	
9/18/2012	0.45	
3/12/2013	0.13	
9/10/2013	0.2	
3/5/2014	0.17	
9/8/2014	0.25	
4/21/2015	0.15	
9/29/2015	0.203	
3/23/2016	0.0607	
9/7/2016	0.141	
3/24/2017	0.0313	
10/4/2017	0.093	
3/15/2018	0.057	
10/4/2018	0.11	
4/8/2019	0.03	
10/1/2019	0.07	
3/30/2020	0.037	
9/24/2020	0.042	
3/9/2021	0.035	
8/10/2021	0.057	
2/4/2022	0.039	
8/10/2022	0.061	
1/31/2023	0.11	
8/15/2023	0.095	
2/21/2024		0.13
8/11/2024		0.095
2/12/2025		0.14

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-8	GWC-8
5/9/2007	<0.005	
7/6/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
3/31/2008	0.016	
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	
3/9/2021	<0.005	
8/10/2021	0.0073	
9/28/2021	0.0009 (J)	
2/4/2022	<0.005	
8/9/2022	<0.005	
1/31/2023	<0.005	
8/15/2023	<0.005	
2/21/2024		<0.005
8/11/2024		<0.005
2/12/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-9
3/7/2007	<0.005	
5/8/2007	<0.005	
7/6/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/8/2008	<0.005	
12/2/2008	<0.005	
4/8/2009	<0.005	
9/30/2009	<0.005	
4/13/2010	<0.005	
10/13/2010	<0.005	
4/5/2011	<0.005	
10/4/2011	<0.005	
4/4/2012	<0.005	
9/19/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	0.003	
3/5/2014	0.0022 (J)	
9/3/2014	<0.005	
4/21/2015	0.0019 (J)	
9/29/2015	0.0019 (J)	
3/23/2016	<0.005	
9/8/2016	0.0023 (J)	
3/27/2017	0.0023 (J)	
10/5/2017	0.0024 (J)	
3/15/2018	0.0023 (J)	
10/5/2018	0.0025 (J)	
4/8/2019	0.0021 (J)	
10/1/2019	0.0022 (J)	
3/27/2020	0.0022 (J)	
9/24/2020	0.0024	
3/9/2021	0.0014 (J)	
8/10/2021	0.0019 (J)	
2/4/2022	0.0018 (J)	
8/9/2022	0.0018 (J)	
1/31/2023	0.002 (J)	
8/15/2023	0.0017 (J)	
2/20/2024		<0.005
8/11/2024		<0.005
2/11/2025		0.0025 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	GWC-10
3/7/2007	<0.005	
5/8/2007	<0.005	
7/17/2007	<0.005	
8/28/2007	<0.005	
11/7/2007	<0.005	
5/9/2008	<0.005	
12/2/2008	<0.005	
4/8/2009	<0.005	
10/1/2009	<0.005	
4/14/2010	<0.005	
10/13/2010	<0.005	
4/6/2011	<0.005	
10/4/2011	<0.005	
4/10/2012	<0.005	
9/26/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/4/2014	<0.005	
9/3/2014	<0.005	
4/21/2015	<0.005	
9/30/2015	<0.005	
3/23/2016	<0.005	
9/7/2016	<0.005	
3/27/2017	<0.005	
10/5/2017	<0.005	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/9/2019	<0.005	
10/1/2019	<0.005	
3/27/2020	0.0023 (J)	
9/25/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/4/2022	<0.005	
8/9/2022	<0.005	
1/30/2023	<0.005	
8/14/2023	<0.005	
2/19/2024		<0.005
8/11/2024		<0.005
2/11/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	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 (JB)	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/4/2022	0.00078 (J)	
8/9/2022	0.00074 (J)	
1/31/2023	<0.005	
8/15/2023	<0.005	
2/20/2024		<0.005
8/12/2024		<0.005
2/12/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-19	GWC-19
3/6/2007	<0.005	
5/9/2007	<0.005	
7/17/2007	<0.005	
8/28/2007	<0.005	
11/7/2007	<0.005	
5/7/2008	<0.005	
12/4/2008	<0.005	
4/14/2009	<0.005	
10/2/2009	<0.005	
4/13/2010	<0.005	
10/12/2010	<0.005	
4/6/2011	<0.005	
10/12/2011	<0.005	
4/5/2012	<0.005	
9/25/2012	<0.005	
3/13/2013	<0.005	
9/11/2013	<0.005	
3/10/2014	0.00072 (J)	
9/9/2014	<0.005	
4/22/2015	<0.005	
9/30/2015	<0.005	
3/24/2016	<0.005	
9/8/2016	<0.005	
3/27/2017	0.0062 (J)	
10/5/2017	0.0005 (J)	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/9/2019	<0.005	
10/1/2019	<0.005	
3/31/2020	<0.005	
9/28/2020	<0.005	
3/10/2021	<0.005	
8/10/2021	<0.005	
2/7/2022	<0.005	
8/9/2022	<0.005	
1/31/2023	<0.005	
8/15/2023	<0.005	
2/20/2024		<0.005
8/12/2024		<0.005
2/11/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-20	GWC-20
3/7/2007	<0.005	
5/9/2007	<0.005	
7/17/2007	<0.005	
8/29/2007	<0.005	
11/7/2007	<0.005	
5/7/2008	<0.005	
12/5/2008	<0.005	
4/14/2009	<0.005	
9/30/2009	<0.005	
4/13/2010	<0.005	
10/12/2010	<0.005	
10/12/2011	<0.005	
4/9/2012	<0.005	
9/25/2012	<0.005	
3/13/2013	<0.005	
9/11/2013	<0.005	
3/10/2014	0.00074 (J)	
9/9/2014	<0.005	
4/23/2015	<0.005	
9/30/2015	<0.005	
3/23/2016	<0.005	
9/8/2016	<0.005	
3/27/2017	0.0006 (J)	
10/5/2017	<0.005	
3/16/2018	<0.005	
10/5/2018	<0.005	
4/9/2019	<0.005	
10/1/2019	<0.005	
3/31/2020	<0.005	
9/23/2020	<0.005	
3/10/2021	<0.005	
8/10/2021	<0.005	
2/7/2022	<0.005	
8/9/2022	<0.005	
1/31/2023	<0.005	
8/15/2023	<0.005	
2/20/2024		<0.005
8/11/2024		<0.005
2/11/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	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	
3/31/2008	0.0043	
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 (B)	
3/9/2021	0.0013 (J)	
8/10/2021	0.0076	
2/7/2022	0.0055	
8/9/2022	0.0053	
1/31/2023	0.005 (J)	
8/15/2023	0.0054	
2/20/2024		0.0053
8/11/2024		0.005
2/11/2025		0.0052

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-22	GWC-22
3/6/2007	<0.005	
5/9/2007	<0.005	
7/17/2007	<0.005	
8/29/2007	<0.005	
11/7/2007	<0.005	
5/7/2008	<0.005	
12/5/2008	<0.005	
4/14/2009	<0.005	
9/30/2009	<0.005	
4/13/2010	<0.005	
10/12/2010	<0.005	
4/6/2011	<0.005	
10/5/2011	<0.005	
4/9/2012	<0.005	
9/25/2012	<0.005	
3/13/2013	<0.005	
9/11/2013	<0.005	
3/11/2014	0.00059 (J)	
9/9/2014	<0.005	
4/23/2015	<0.005	
9/30/2015	<0.005	
3/23/2016	<0.005	
9/8/2016	<0.005	
3/27/2017	<0.005	
10/5/2017	<0.005	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/9/2019	<0.005	
10/1/2019	<0.005	
3/31/2020	<0.005	
9/23/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/7/2022	<0.005	
8/9/2022	<0.005	
1/31/2023	<0.005	
8/15/2023	<0.005	
2/20/2024		<0.005
8/11/2024		<0.005
2/11/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	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	
3/31/2008	<0.005	
5/7/2008	<0.005	
12/5/2008	<0.005	
4/14/2009	<0.005	
10/1/2009	<0.005	
4/14/2010	<0.005	
10/13/2010	<0.005	
4/6/2011	<0.005	
10/12/2011	<0.005	
4/9/2012	<0.005	
9/19/2012	<0.005	
3/13/2013	<0.005	
9/10/2013	<0.005	
3/11/2014	0.0016 (J)	
9/3/2014	<0.005	
4/23/2015	<0.005	
9/30/2015	<0.005	
3/23/2016	<0.005	
9/8/2016	0.0011 (J)	
3/27/2017	0.0007 (J)	
10/5/2017	<0.005	
3/15/2018	0.001 (J)	
10/5/2018	0.0014 (J)	
4/8/2019	0.0011 (J)	
10/1/2019	0.0035 (J)	
3/26/2020	0.001 (J)	
9/23/2020	0.00079 (J)	
3/9/2021	<0.005	
8/10/2021	0.0008 (J)	
2/7/2022	0.00084 (J)	
8/8/2022	<0.005	
1/31/2023	<0.005	
8/14/2023	<0.005	
2/20/2024		<0.005
8/12/2024		<0.005
2/12/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-4	GWA-4
3/6/2007	<0.005	
5/8/2007	<0.005	
7/17/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/8/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/2/2009	<0.005	
4/14/2010	<0.005	
10/14/2010	<0.005	
4/5/2011	<0.005	
10/12/2011	<0.005	
4/4/2012	<0.005	
9/24/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/11/2014	<0.005	
9/8/2014	<0.005	
4/21/2015	<0.005	
9/29/2015	<0.005	
3/22/2016	<0.005	
5/17/2016	<0.005	
7/6/2016	<0.005	
9/7/2016	<0.005	
10/18/2016	<0.005	
12/6/2016	<0.005	
2/1/2017	<0.005	
3/24/2017	<0.005	
10/4/2017	<0.005	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/8/2019	0.00014 (J)	
9/30/2019	<0.005	
3/26/2020	<0.005	
9/23/2020	<0.005	
3/8/2021	<0.005	
8/9/2021	<0.005	
2/4/2022	<0.005	
8/8/2022	<0.005	
1/30/2023	<0.005	
8/14/2023	<0.005	
2/19/2024		<0.005
8/11/2024		<0.005
2/11/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-9
3/7/2007	<0.005	
5/8/2007	<0.005	
7/6/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/8/2008	<0.005	
12/2/2008	<0.005	
4/8/2009	<0.005	
9/30/2009	<0.005	
4/13/2010	<0.005	
10/13/2010	<0.005	
4/5/2011	<0.005	
10/4/2011	<0.005	
4/4/2012	<0.005	
9/19/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/5/2014	0.0018 (J)	
9/3/2014	<0.005	
4/21/2015	<0.005	
9/29/2015	<0.005	
3/23/2016	<0.005	
5/18/2016	<0.005	
7/6/2016	<0.005	
9/8/2016	<0.005	
10/19/2016	<0.005	
12/8/2016	<0.005	
2/2/2017	<0.005	
3/27/2017	<0.005	
10/5/2017	<0.005	
3/15/2018	<0.005	
10/5/2018	<0.005	
4/8/2019	<0.005	
10/1/2019	<0.005	
3/27/2020	<0.005	
9/24/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/4/2022	<0.005	
8/9/2022	<0.005	
1/31/2023	<0.005	
8/15/2023	<0.005	
2/20/2024		<0.005
8/11/2024		<0.005
2/11/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	GWC-10
3/7/2007	<0.005	
5/8/2007	<0.005	
7/17/2007	<0.005	
8/28/2007	<0.005	
11/7/2007	<0.005	
5/9/2008	<0.005	
12/2/2008	<0.005	
4/8/2009	<0.005	
10/1/2009	<0.005	
4/14/2010	<0.005	
10/13/2010	<0.005	
4/6/2011	<0.005	
10/4/2011	<0.005	
4/10/2012	<0.005	
9/26/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/4/2014	0.0016 (J)	
9/3/2014	<0.005	
4/21/2015	<0.005	
9/30/2015	<0.005	
3/23/2016	<0.005	
5/17/2016	<0.005	
7/6/2016	<0.005	
9/7/2016	<0.005	
10/18/2016	<0.005	
12/6/2016	<0.005	
2/2/2017	<0.005	
3/27/2017	<0.005	
10/5/2017	<0.005	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/9/2019	<0.005	
10/1/2019	<0.005	
3/27/2020	<0.005	
9/25/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/4/2022	<0.005	
8/9/2022	<0.005	
1/30/2023	<0.005	
8/14/2023	<0.005	
2/19/2024		<0.005
8/11/2024		<0.005
2/11/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	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	
3/31/2008	<0.005	
5/7/2008	<0.005	
12/5/2008	<0.005	
4/27/2009	<0.005	
9/30/2009	<0.005	
4/13/2010	<0.005	
10/12/2010	<0.005	
10/5/2011	<0.005	
4/10/2012	<0.005	
9/26/2012	<0.005	
3/13/2013	<0.005	
9/11/2013	<0.005	
3/11/2014	0.0024 (J)	
9/9/2014	<0.005	
9/30/2015	<0.005	
3/24/2016	<0.005	
5/18/2016	<0.005	
7/7/2016	<0.005	
9/8/2016	<0.005	
10/19/2016	<0.005	
12/7/2016	<0.005	
2/2/2017	0.0017 (J)	
3/27/2017	<0.005	
10/5/2017	<0.005	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/9/2019	<0.005	
10/1/2019	<0.005	
3/31/2020	<0.005	
9/24/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/7/2022	<0.005	
8/9/2022	<0.005	
1/31/2023	<0.005	
8/15/2023	<0.005	
2/20/2024		<0.005
8/11/2024		<0.005
2/11/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-22	GWC-22
3/6/2007	<0.005	
5/9/2007	<0.005	
7/17/2007	<0.005	
8/29/2007	<0.005	
11/7/2007	<0.005	
5/7/2008	<0.005	
12/5/2008	<0.005	
4/14/2009	<0.005	
9/30/2009	<0.005	
4/13/2010	<0.005	
10/12/2010	<0.005	
4/6/2011	<0.005	
10/5/2011	<0.005	
4/9/2012	<0.005	
9/25/2012	<0.005	
3/13/2013	<0.005	
9/11/2013	<0.005	
3/11/2014	0.0017 (J)	
9/9/2014	<0.005	
4/23/2015	<0.005	
9/30/2015	<0.005	
3/23/2016	<0.005	
5/18/2016	<0.005	
7/7/2016	<0.005	
9/8/2016	<0.005	
10/19/2016	<0.005	
12/7/2016	<0.005	
2/2/2017	<0.005	
3/27/2017	<0.005	
10/5/2017	<0.005	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/9/2019	<0.005	
10/1/2019	0.0014 (J)	
3/31/2020	<0.005	
9/23/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/7/2022	<0.005	
8/9/2022	<0.005	
1/31/2023	<0.005	
8/15/2023	<0.005	
2/20/2024		<0.005
8/11/2024		<0.005
2/11/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	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	
3/31/2008	<0.005	
5/7/2008	<0.005	
12/5/2008	<0.005	
4/27/2009	0.0036	
9/30/2009	<0.005	
4/13/2010	<0.005	
10/12/2010	<0.005	
10/5/2011	<0.005	
4/10/2012	<0.005	
9/26/2012	<0.005	
3/13/2013	<0.005	
9/11/2013	<0.005	
3/11/2014	<0.005	
9/9/2014	<0.005	
9/30/2015	<0.005	
3/24/2016	<0.005	
9/8/2016	<0.005	
3/27/2017	<0.005	
10/5/2017	<0.005	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/9/2019	<0.005	
10/1/2019	<0.005	
3/31/2020	<0.005	
9/24/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/7/2022	<0.005	
8/9/2022	<0.005	
1/31/2023	<0.005	
8/15/2023	<0.005	
2/20/2024		<0.005
8/11/2024		<0.005
2/11/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1	GWA-1
3/6/2007	<0.001	
5/8/2007	<0.001	
7/7/2007	<0.001	
8/28/2007	<0.001	
11/6/2007	<0.001	
5/9/2008	<0.001	
12/3/2008	<0.001	
4/7/2009	<0.001	
10/1/2009	<0.001	
4/14/2010	<0.001	
10/13/2010	<0.001	
4/6/2011	<0.001	
10/10/2011	<0.001	
4/3/2012	<0.001	
9/24/2012	<0.001	
3/12/2013	<0.001	
3/4/2014	<0.001	
9/3/2014	<0.001	
4/21/2015	<0.001	
9/30/2015	<0.001	
3/22/2016	<0.001	
5/17/2016	<0.001	
7/5/2016	<0.001	
9/7/2016	<0.001	
10/18/2016	<0.001	
12/6/2016	<0.001	
1/31/2017	<0.001	
3/23/2017	<0.001	
10/4/2017	<0.001	
3/14/2018	<0.001	
10/4/2018	<0.001	
4/8/2019	<0.001	
9/30/2019	<0.001	
3/26/2020	<0.001	
9/23/2020	<0.001	
3/8/2021	<0.001	
8/9/2021	<0.001	
2/4/2022	<0.001	
8/8/2022	<0.001	
1/30/2023	0.00022 (J)	
8/14/2023	<0.001	
2/19/2024		<0.001
8/11/2024		<0.001
2/11/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-7	GWC-7
5/9/2007	<0.001	
7/6/2007	<0.001	
8/28/2007	<0.001	
11/6/2007	<0.001	
3/31/2008	<0.001	
5/8/2008	<0.001	
12/2/2008	<0.001	
4/8/2009	<0.001	
10/1/2009	<0.001	
4/13/2010	<0.001	
10/7/2010	<0.001	
4/5/2011	<0.001	
10/4/2011	<0.001	
4/3/2012	<0.001	
9/18/2012	<0.001	
3/12/2013	<0.001	
3/5/2014	<0.001	
9/8/2014	<0.001	
4/21/2015	<0.001	
9/29/2015	<0.001	
3/23/2016	<0.001	
5/18/2016	<0.001	
7/6/2016	0.0001 (J)	
9/7/2016	<0.001	
10/18/2016	<0.001	
12/8/2016	<0.001	
2/2/2017	<0.001	
3/24/2017	<0.001	
10/4/2017	<0.001	
3/15/2018	<0.001	
10/4/2018	<0.001	
4/8/2019	<0.001	
10/1/2019	<0.001	
3/30/2020	<0.001	
9/24/2020	<0.001	
3/9/2021	<0.001	
8/10/2021	<0.001	
2/4/2022	<0.001	
8/10/2022	<0.001	
1/31/2023	<0.001	
8/15/2023	<0.001	
2/21/2024		<0.001
8/11/2024		<0.001
2/12/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1	GWA-1
3/6/2007	<0.01	
5/8/2007	<0.01	
7/7/2007	<0.01	
8/28/2007	<0.01	
11/6/2007	<0.01	
5/9/2008	<0.01	
12/3/2008	<0.01	
4/7/2009	<0.01	
10/1/2009	<0.01	
4/14/2010	<0.01	
10/13/2010	<0.01	
4/6/2011	<0.01	
10/10/2011	<0.01	
4/3/2012	<0.01	
9/24/2012	<0.01	
3/12/2013	<0.01	
9/11/2013	<0.01	
3/4/2014	<0.01	
9/3/2014	<0.01	
4/21/2015	<0.01	
9/30/2015	<0.01	
3/22/2016	<0.01	
9/7/2016	<0.01	
3/23/2017	<0.01	
10/4/2017	<0.01	
3/14/2018	<0.01	
10/4/2018	<0.01	
4/8/2019	<0.01	
9/30/2019	<0.01	
3/26/2020	<0.01	
9/23/2020	<0.01	
3/8/2021	<0.01	
8/9/2021	0.0019 (J)	
2/4/2022	<0.01	
8/8/2022	<0.01	
1/30/2023	0.0022 (J)	
8/14/2023	<0.01	
2/19/2024		<0.01
8/11/2024		<0.01
2/11/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-4	GWA-4
3/6/2007	<0.01	
5/8/2007	<0.01	
7/17/2007	<0.01	
8/28/2007	<0.01	
11/6/2007	<0.01	
5/8/2008	<0.01	
12/3/2008	<0.01	
4/7/2009	<0.01	
10/2/2009	<0.01	
4/14/2010	<0.01	
10/14/2010	<0.01	
4/5/2011	<0.01	
10/12/2011	<0.01	
4/4/2012	<0.01	
9/24/2012	<0.01	
3/12/2013	<0.01	
9/10/2013	<0.01	
3/11/2014	<0.01	
9/8/2014	<0.01	
4/21/2015	<0.01	
9/29/2015	<0.01	
3/22/2016	<0.01	
9/7/2016	<0.01	
3/24/2017	<0.01	
10/4/2017	<0.01	
3/15/2018	<0.01	
10/4/2018	<0.01	
4/8/2019	<0.01	
9/30/2019	<0.01	
3/26/2020	<0.01	
9/23/2020	<0.01	
3/8/2021	<0.01	
8/9/2021	<0.01	
2/4/2022	<0.01	
8/8/2022	<0.01	
1/30/2023	<0.01	
8/14/2023	<0.01	
2/19/2024		0.0012 (J)
8/11/2024		<0.01
2/11/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-5	GWC-5
3/7/2007	<0.01	
5/8/2007	<0.01	
7/6/2007	<0.01	
8/28/2007	<0.01	
11/6/2007	<0.01	
5/8/2008	<0.01	
12/3/2008	<0.01	
4/7/2009	<0.01	
10/1/2009	<0.01	
4/14/2010	<0.01	
10/14/2010	<0.01	
4/5/2011	<0.01	
10/12/2011	<0.01	
4/4/2012	<0.01	
9/24/2012	<0.01	
3/12/2013	<0.01	
9/10/2013	<0.01	
3/5/2014	<0.01	
9/9/2014	0.00093 (J)	
4/21/2015	<0.01	
9/29/2015	<0.01	
3/23/2016	<0.01	
9/7/2016	<0.01	
3/23/2017	<0.01	
10/4/2017	<0.01	
3/16/2018	<0.01	
10/4/2018	<0.01	
4/9/2019	<0.01	
10/1/2019	<0.01	
3/31/2020	<0.01	
9/25/2020	<0.01	
3/9/2021	<0.01	
8/10/2021	<0.01	
2/4/2022	<0.01	
8/9/2022	<0.01	
1/31/2023	<0.01	
8/15/2023	<0.01	
2/20/2024		<0.01
8/12/2024		<0.01
2/11/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-7	GWC-7
5/9/2007	<0.01	
7/6/2007	<0.01	
8/28/2007	<0.01	
11/6/2007	<0.01	
3/31/2008	<0.01	
5/8/2008	<0.01	
12/2/2008	<0.01	
4/8/2009	<0.01	
10/1/2009	0.0039	
4/13/2010	<0.01	
10/7/2010	<0.01	
4/5/2011	0.0025	
10/4/2011	0.0027	
4/3/2012	<0.01	
9/18/2012	<0.01	
3/12/2013	<0.01	
9/10/2013	<0.01	
3/5/2014	<0.01	
9/8/2014	0.0012 (J)	
4/21/2015	0.0015 (J)	
9/29/2015	<0.01	
3/23/2016	<0.01	
9/7/2016	<0.01	
3/24/2017	<0.01	
10/4/2017	<0.01	
3/15/2018	<0.01	
10/4/2018	<0.01	
4/8/2019	<0.01	
10/1/2019	<0.01	
3/30/2020	<0.01	
9/24/2020	<0.01	
3/9/2021	<0.01	
8/10/2021	<0.01	
2/4/2022	<0.01	
8/10/2022	<0.01	
1/31/2023	<0.01	
8/15/2023	<0.01	
2/21/2024		<0.01
8/11/2024		<0.01
2/12/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-8	GWC-8
5/9/2007	<0.01	
7/6/2007	<0.01	
8/28/2007	<0.01	
11/6/2007	<0.01	
3/31/2008	0.034	
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	
9/8/2016	<0.01	
3/24/2017	<0.01	
10/5/2017	<0.01	
3/14/2018	<0.01	
10/4/2018	<0.01	
4/8/2019	<0.01	
10/1/2019	<0.01	
3/27/2020	<0.01	
9/24/2020	<0.01	
3/9/2021	<0.01	
8/10/2021	<0.01	
2/4/2022	<0.01	
8/9/2022	<0.01	
1/31/2023	<0.01	
8/15/2023	<0.01	
2/21/2024		<0.01
8/11/2024		<0.01
2/12/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-9
3/7/2007	<0.01	
5/8/2007	<0.01	
7/6/2007	<0.01	
8/28/2007	<0.01	
11/6/2007	<0.01	
5/8/2008	<0.01	
12/2/2008	<0.01	
4/8/2009	0.0029	
9/30/2009	<0.01	
4/13/2010	<0.01	
10/13/2010	<0.01	
4/5/2011	<0.01	
10/4/2011	<0.01	
4/4/2012	<0.01	
9/19/2012	<0.01	
3/12/2013	<0.01	
9/10/2013	<0.01	
3/5/2014	<0.01	
9/3/2014	<0.01	
4/21/2015	<0.01	
9/29/2015	<0.01	
3/23/2016	<0.01	
9/8/2016	<0.01	
3/27/2017	<0.01	
10/5/2017	<0.01	
3/15/2018	<0.01	
10/5/2018	<0.01	
4/8/2019	<0.01	
10/1/2019	<0.01	
3/27/2020	<0.01	
9/24/2020	<0.01	
3/9/2021	<0.01	
8/10/2021	<0.01	
2/4/2022	<0.01	
8/9/2022	<0.01	
1/31/2023	<0.01	
8/15/2023	<0.01	
2/20/2024		<0.01
8/11/2024		<0.01
2/11/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	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	
3/31/2008	<0.01	
5/7/2008	<0.01	
12/5/2008	<0.01	
4/27/2009	<0.01	
9/30/2009	<0.01	
4/13/2010	<0.01	
10/12/2010	<0.01	
10/5/2011	<0.01	
4/10/2012	<0.01	
9/26/2012	<0.01	
3/13/2013	<0.01	
9/11/2013	<0.01	
3/11/2014	<0.01	
9/9/2014	0.0029 (J)	
9/30/2015	0.001 (J)	
3/24/2016	<0.01	
9/8/2016	<0.01	
3/27/2017	<0.01	
10/5/2017	<0.01	
3/15/2018	<0.01	
10/4/2018	<0.01	
4/9/2019	<0.01	
10/1/2019	<0.01	
3/31/2020	<0.01	
9/24/2020	<0.01	
3/9/2021	<0.01	
8/10/2021	<0.01	
2/7/2022	<0.01	
8/9/2022	<0.01	
1/31/2023	<0.01	
8/15/2023	<0.01	
2/20/2024		<0.01
8/11/2024		<0.01
2/11/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	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	
3/31/2008	<0.01	
5/7/2008	<0.01	
12/5/2008	<0.01	
4/14/2009	<0.01	
10/1/2009	<0.01	
4/14/2010	<0.01	
10/13/2010	<0.01	
4/6/2011	<0.01	
10/12/2011	<0.01	
4/9/2012	<0.01	
9/19/2012	<0.01	
3/13/2013	<0.01	
9/10/2013	<0.01	
3/11/2014	<0.01	
9/3/2014	<0.01	
4/23/2015	<0.01	
9/30/2015	<0.01	
3/23/2016	<0.01	
9/8/2016	<0.01	
3/27/2017	<0.01	
10/5/2017	<0.01	
3/15/2018	<0.01	
10/5/2018	<0.01	
4/8/2019	0.00017 (J)	
10/1/2019	<0.01	
3/26/2020	<0.01	
9/23/2020	<0.01	
3/9/2021	<0.01	
8/10/2021	<0.01	
2/7/2022	<0.01	
8/8/2022	<0.01	
1/31/2023	<0.01	
8/14/2023	<0.01	
2/20/2024		<0.01
8/12/2024		<0.01
2/12/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1	GWA-1
3/6/2007	<0.02	
5/8/2007	<0.02	
7/7/2007	<0.02	
8/28/2007	<0.02	
11/6/2007	<0.02	
5/9/2008	<0.02	
12/3/2008	<0.02	
4/7/2009	0.0028	
10/1/2009	<0.02	
4/14/2010	<0.02	
10/13/2010	<0.02	
4/6/2011	<0.02	
10/10/2011	<0.02	
4/3/2012	<0.02	
9/24/2012	<0.02	
3/12/2013	<0.02	
9/11/2013	<0.02	
3/4/2014	0.0026	
9/3/2014	0.001 (J)	
4/21/2015	<0.02	
9/30/2015	<0.02	
3/22/2016	<0.02	
9/7/2016	0.0047 (J)	
3/23/2017	<0.02	
10/4/2017	<0.02	
3/14/2018	0.0032 (J)	
10/4/2018	0.003 (J)	
4/8/2019	<0.02	
9/30/2019	0.0032 (J)	
3/26/2020	<0.02	
9/23/2020	0.0025 (J)	
3/8/2021	<0.02	
8/9/2021	<0.02	
2/4/2022	<0.02	
8/8/2022	<0.02	
1/30/2023	<0.02	
8/14/2023	<0.02	
2/19/2024		<0.02
8/11/2024		<0.02
2/11/2025		<0.02

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-2	GWA-2
3/6/2007	<0.02	
5/8/2007	<0.02	
7/7/2007	<0.02	
8/28/2007	0.0026	
11/6/2007	<0.02	
5/9/2008	<0.02	
12/3/2008	<0.02	
4/7/2009	<0.02	
10/1/2009	<0.02	
4/13/2010	<0.02	
10/7/2010	<0.02	
4/6/2011	<0.02	
10/6/2011	<0.02	
4/3/2012	<0.02	
9/19/2012	<0.02	
3/12/2013	<0.02	
9/9/2013	<0.02	
3/4/2014	0.0035	
9/3/2014	0.0015 (J)	
4/22/2015	<0.02	
9/30/2015	0.0026 (J)	
3/22/2016	<0.02	
9/7/2016	0.0024 (J)	
3/23/2017	<0.02	
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	<0.02	
9/21/2020	<0.02	
3/9/2021	<0.02	
8/9/2021	<0.02	
2/4/2022	<0.02	
8/8/2022	<0.02	
1/30/2023	<0.02	
8/14/2023	<0.02	
2/19/2024		<0.02
8/10/2024		<0.02
2/11/2025		<0.02

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-3	GWA-3
3/6/2007	<0.02	
5/8/2007	<0.02	
7/17/2007	0.0033	
8/28/2007	<0.02	
11/6/2007	<0.02	
5/8/2008	0.0033	
12/3/2008	0.0054	
4/7/2009	<0.02	
10/2/2009	<0.02	
4/14/2010	0.003	
10/14/2010	<0.02	
4/5/2011	<0.02	
10/12/2011	<0.02	
4/4/2012	<0.02	
9/26/2012	<0.02	
3/12/2013	<0.02	
9/10/2013	<0.02	
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	<0.02	
9/7/2016	0.0034 (J)	
3/23/2017	0.0031 (J)	
10/4/2017	<0.02	
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	<0.02	
9/23/2020	<0.02	
3/8/2021	<0.02	
8/9/2021	<0.02	
2/4/2022	<0.02	
8/8/2022	<0.02	
1/30/2023	<0.02	
8/14/2023	<0.02	
2/19/2024		0.0025 (J)
8/11/2024		0.0026 (J)
2/11/2025		<0.02

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-4	GWA-4
3/6/2007	<0.02	
5/8/2007	<0.02	
7/17/2007	<0.02	
8/28/2007	0.0026	
11/6/2007	<0.02	
5/8/2008	0.0037	
12/3/2008	0.003	
4/7/2009	0.0045	
10/2/2009	0.0027	
4/14/2010	<0.02	
10/14/2010	0.0041	
4/5/2011	<0.02	
10/12/2011	0.0033	
4/4/2012	<0.02	
9/24/2012	0.0039	
3/12/2013	<0.02	
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	<0.02	
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	<0.02	
9/23/2020	0.0025 (J)	
3/8/2021	0.0034 (J)	
8/9/2021	<0.02	
2/4/2022	<0.02	
8/8/2022	<0.02	
1/30/2023	<0.02	
8/14/2023	<0.02	
2/19/2024		<0.02
8/11/2024		<0.02
2/11/2025		<0.02

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-11	GWA-11
3/7/2007	<0.02	
5/8/2007	0.0025	
7/17/2007	0.0047	
8/28/2007	0.0033	
11/7/2007	<0.02	
5/9/2008	<0.02	
12/2/2008	<0.02	
4/8/2009	<0.02	
10/1/2009	<0.02	
4/14/2010	<0.02	
10/13/2010	<0.02	
4/6/2011	<0.02	
10/4/2011	<0.02	
4/10/2012	<0.02	
9/26/2012	<0.02	
3/12/2013	<0.02	
9/10/2013	<0.02	
3/4/2014	<0.02	
9/3/2014	0.00074 (J)	
4/21/2015	<0.02	
9/29/2015	0.0024 (J)	
3/22/2016	<0.02	
9/7/2016	0.0023 (J)	
3/24/2017	0.0068 (J)	
10/5/2017	<0.02	
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	<0.02	
9/22/2020	<0.02	
3/8/2021	<0.02	
8/10/2021	<0.02	
2/4/2022	<0.02	
8/8/2022	<0.02	
1/30/2023	<0.02	
8/14/2023	<0.02	
2/19/2024		<0.02
8/11/2024		<0.02
2/11/2025		<0.02

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-5	GWC-5
3/7/2007	0.0064	
5/8/2007	<0.01	
7/6/2007	<0.01	
8/28/2007	0.0025	
11/6/2007	<0.01	
5/8/2008	<0.01	
12/3/2008	<0.01	
4/7/2009	0.0025	
10/1/2009	<0.01	
4/14/2010	<0.01	
10/14/2010	<0.01	
4/5/2011	0.0025	
10/12/2011	0.0037	
4/4/2012	<0.01	
9/24/2012	<0.01	
3/12/2013	<0.01	
9/10/2013	<0.01	
3/5/2014	0.0028	
9/9/2014	0.00058 (J)	
4/21/2015	0.0043	
9/29/2015	0.0031 (J)	
3/23/2016	0.00272 (J)	
9/7/2016	<0.01	
3/23/2017	0.0026 (J)	
10/4/2017	<0.01	
3/16/2018	<0.01	
10/4/2018	0.0028 (J)	
4/9/2019	<0.01	
10/1/2019	0.0053 (J)	
3/31/2020	<0.01	
9/25/2020	<0.01	
3/9/2021	<0.01	
8/10/2021	<0.01	
2/4/2022	<0.01	
8/9/2022	<0.01	
1/31/2023	<0.01	
8/15/2023	<0.01	
2/20/2024		<0.01
8/12/2024		<0.01
2/11/2025		0.0029 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-6	GWC-6
3/7/2007	<0.02	
5/9/2007	<0.02	
7/17/2007	<0.02	
8/28/2007	<0.02	
11/6/2007	<0.02	
5/8/2008	<0.02	
12/3/2008	<0.02	
4/7/2009	<0.02	
10/1/2009	<0.02	
4/13/2010	<0.02	
10/6/2010	<0.02	
4/5/2011	<0.02	
10/4/2011	<0.02	
4/3/2012	<0.02	
9/18/2012	<0.02	
3/12/2013	<0.02	
9/9/2013	<0.02	
3/5/2014	0.0026	
9/8/2014	0.00055 (J)	
4/22/2015	<0.02	
9/29/2015	0.0026 (J)	
3/23/2016	<0.02	
9/7/2016	0.0024 (J)	
3/23/2017	0.0035 (J)	
10/4/2017	<0.02	
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	<0.02	
9/25/2020	<0.02	
3/9/2021	<0.02	
8/10/2021	<0.02	
2/4/2022	<0.02	
8/8/2022	<0.02	
1/31/2023	<0.02	
8/14/2023	<0.02	
2/21/2024		<0.02
8/12/2024		<0.02
2/12/2025		<0.02

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-7	GWC-7
5/9/2007	45 (O)	
7/6/2007	16 (O)	
8/28/2007	11 (O)	
11/6/2007	8.3	
3/31/2008	5.6	
5/8/2008	5	
12/2/2008	3.2	
4/8/2009	2.4	
10/1/2009	1.9	
4/13/2010	1.9	
10/7/2010	1.6	
4/5/2011	1.1	
10/4/2011	1.1	
4/3/2012	0.75	
9/18/2012	0.88	
3/12/2013	0.23	
9/10/2013	0.36	
3/5/2014	0.33	
9/8/2014	0.47	
4/21/2015	0.27	
9/29/2015	0.359	
3/23/2016	0.102	
9/7/2016	0.24	
3/24/2017	0.0512	
10/4/2017	0.159	
3/15/2018	0.12	
10/4/2018	0.22	
4/8/2019	0.051	
10/1/2019	0.12	
3/30/2020	0.051	
9/24/2020	0.07	
3/9/2021	0.057	
8/10/2021	0.093	
2/4/2022	0.07	
8/10/2022	0.082	
1/31/2023	0.19	
8/15/2023	0.2	
2/21/2024		0.27
8/11/2024		0.16
2/12/2025		0.22

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-8	GWC-8
5/9/2007	0.0038	
7/6/2007	<0.02	
8/28/2007	<0.02	
11/6/2007	<0.02	
3/31/2008	0.045	
5/8/2008	<0.02	
12/2/2008	<0.02	
4/8/2009	<0.02	
9/30/2009	<0.02	
4/13/2010	<0.02	
10/13/2010	<0.02	
4/5/2011	<0.02	
10/4/2011	<0.02	
4/3/2012	<0.02	
9/19/2012	<0.02	
3/12/2013	<0.02	
9/10/2013	<0.02	
3/5/2014	0.0028	
9/9/2014	0.0014 (J)	
4/22/2015	<0.02	
9/29/2015	0.0016 (J)	
3/23/2016	<0.02	
9/8/2016	<0.02	
3/24/2017	0.0031 (J)	
10/5/2017	<0.02	
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	<0.02	
9/24/2020	<0.02	
3/9/2021	<0.02	
8/10/2021	<0.02	
2/4/2022	<0.02	
8/9/2022	<0.02	
1/31/2023	<0.02	
8/15/2023	<0.02	
2/21/2024		<0.02
8/11/2024		<0.02
2/12/2025		<0.02

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-9
3/7/2007	<0.02	
5/8/2007	0.0027	
7/6/2007	0.0032	
8/28/2007	0.0026	
11/6/2007	<0.02	
5/8/2008	<0.02	
12/2/2008	<0.02	
4/8/2009	<0.02	
9/30/2009	<0.02	
4/13/2010	<0.02	
10/13/2010	<0.02	
4/5/2011	<0.02	
10/4/2011	<0.02	
4/4/2012	<0.02	
9/19/2012	<0.02	
3/12/2013	<0.02	
9/10/2013	<0.02	
3/5/2014	0.0029	
9/3/2014	0.0011 (J)	
4/21/2015	<0.02	
9/29/2015	0.0034 (J)	
3/23/2016	<0.02	
9/8/2016	<0.02	
3/27/2017	0.0014 (J)	
10/5/2017	0.0013 (J)	
3/15/2018	<0.02	
10/5/2018	0.0044 (J)	
4/8/2019	0.0016 (J)	
10/1/2019	0.0052 (J)	
3/27/2020	<0.02	
9/24/2020	<0.02	
3/9/2021	<0.02	
8/10/2021	<0.02	
2/4/2022	<0.02	
8/9/2022	<0.02	
1/31/2023	<0.02	
8/15/2023	<0.02	
2/20/2024		<0.02
8/11/2024		<0.02
2/11/2025		<0.02

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	GWC-10
3/7/2007	<0.02	
5/8/2007	<0.02	
7/17/2007	0.0069	
8/28/2007	<0.02	
11/7/2007	<0.02	
5/9/2008	<0.02	
12/2/2008	<0.02	
4/8/2009	<0.02	
10/1/2009	<0.02	
4/14/2010	<0.02	
10/13/2010	<0.02	
4/6/2011	<0.02	
10/4/2011	<0.02	
4/10/2012	<0.02	
9/26/2012	<0.02	
3/12/2013	<0.02	
9/10/2013	<0.02	
3/4/2014	0.0026	
9/3/2014	0.00079 (J)	
4/21/2015	<0.02	
9/30/2015	0.0018 (J)	
3/23/2016	<0.02	
9/7/2016	<0.02	
3/27/2017	0.0014 (J)	
10/5/2017	<0.02	
3/15/2018	<0.02	
10/4/2018	0.0033 (J)	
4/9/2019	<0.02	
10/1/2019	0.0049 (J)	
3/27/2020	<0.02	
9/25/2020	<0.02	
3/9/2021	<0.02	
8/10/2021	<0.02	
2/4/2022	<0.02	
8/9/2022	<0.02	
1/30/2023	<0.02	
8/14/2023	<0.02	
2/19/2024		<0.02
8/11/2024		<0.02
2/11/2025		<0.02

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-18	GWC-18
3/7/2007	<0.02	
5/9/2007	0.0026	
7/17/2007	0.0043	
8/28/2007	<0.02	
11/7/2007	<0.02	
5/7/2008	<0.02	
12/3/2008	<0.02	
4/14/2009	<0.02	
10/1/2009	<0.02	
4/13/2010	<0.02	
10/12/2010	<0.02	
4/6/2011	<0.02	
10/12/2011	<0.02	
4/5/2012	<0.02	
9/19/2012	<0.02	
3/13/2013	<0.02	
9/10/2013	<0.02	
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	<0.02	
9/8/2016	0.0024 (J)	
3/27/2017	<0.02	
10/5/2017	<0.02	
3/16/2018	<0.02	
10/5/2018	0.0029 (J)	
4/9/2019	0.0037 (J)	
10/1/2019	0.006 (J)	
3/30/2020	<0.02	
9/24/2020	<0.02	
3/9/2021	<0.02	
8/10/2021	<0.02	
2/4/2022	<0.02	
8/9/2022	<0.02	
1/31/2023	<0.02	
8/15/2023	<0.02	
2/20/2024		<0.02
8/12/2024		<0.02
2/12/2025		<0.02

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-19	GWC-19
3/6/2007	<0.02	
5/9/2007	0.0025	
7/17/2007	0.0035	
8/28/2007	<0.02	
11/7/2007	<0.02	
5/7/2008	<0.02	
12/4/2008	<0.02	
4/14/2009	<0.02	
10/2/2009	<0.02	
4/13/2010	0.0043	
10/12/2010	<0.02	
4/6/2011	<0.02	
10/12/2011	<0.02	
4/5/2012	<0.02	
9/25/2012	<0.02	
3/13/2013	<0.02	
9/11/2013	<0.02	
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	<0.02	
9/8/2016	0.0029 (J)	
3/27/2017	0.0019 (J)	
10/5/2017	0.0024 (J)	
3/15/2018	<0.02	
10/4/2018	0.013	
4/9/2019	<0.02	
10/1/2019	0.0049 (J)	
3/31/2020	<0.02	
9/28/2020	0.0033 (J)	
3/10/2021	<0.02	
8/10/2021	<0.02	
2/7/2022	<0.02	
8/9/2022	<0.02	
1/31/2023	<0.02	
8/15/2023	<0.02	
2/20/2024		<0.02
8/12/2024		<0.02
2/11/2025		<0.02

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-20	GWC-20
3/7/2007	<0.02	
5/9/2007	<0.02	
7/17/2007	<0.02	
8/29/2007	<0.02	
11/7/2007	<0.02	
5/7/2008	<0.02	
12/5/2008	<0.02	
4/14/2009	<0.02	
9/30/2009	<0.02	
4/13/2010	<0.02	
10/12/2010	<0.02	
10/12/2011	<0.02	
4/9/2012	<0.02	
9/25/2012	<0.02	
3/13/2013	<0.02	
9/11/2013	<0.02	
3/10/2014	0.0024 (J)	
9/9/2014	0.00078 (J)	
4/23/2015	<0.02	
9/30/2015	0.0016 (J)	
3/23/2016	<0.02	
9/8/2016	<0.02	
3/27/2017	0.0017 (J)	
10/5/2017	0.0016 (J)	
3/16/2018	<0.02	
10/5/2018	<0.02	
4/9/2019	<0.02	
10/1/2019	0.0063 (J)	
3/31/2020	<0.02	
9/23/2020	<0.02	
3/10/2021	<0.02	
8/10/2021	<0.02	
2/7/2022	<0.02	
8/9/2022	<0.02	
1/31/2023	<0.02	
8/15/2023	<0.02	
2/20/2024		<0.02
8/11/2024		<0.02
2/11/2025		<0.02

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	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	
3/31/2008	0.0043	
5/7/2008	0.0059	
12/5/2008	<0.01	
4/27/2009	0.0051	
9/30/2009	0.0066	
4/13/2010	0.0041	
10/12/2010	0.004	
10/5/2011	0.0043	
4/10/2012	0.0108	
9/26/2012	0.0066	
3/13/2013	0.0035	
9/11/2013	0.005	
3/11/2014	0.005	
9/9/2014	0.0041	
9/30/2015	0.0031 (J)	
3/24/2016	0.00393 (J)	
9/8/2016	0.0047 (J)	
3/27/2017	0.0036 (J)	
10/5/2017	0.0065 (J)	
3/15/2018	0.0053 (J)	
10/4/2018	0.0077 (J)	
4/9/2019	0.0041 (J)	
10/1/2019	0.0078 (J)	
3/31/2020	<0.01	
9/24/2020	0.0046 (J)	
3/9/2021	0.0033 (J)	
8/10/2021	<0.01	
2/7/2022	<0.01	
8/9/2022	<0.01	
1/31/2023	<0.01	
8/15/2023	<0.01	
2/20/2024		0.0068 (J)
8/11/2024		0.0048 (J)
2/11/2025		0.0058 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-22	GWC-22
3/6/2007	<0.02	
5/9/2007	0.0035	
7/17/2007	<0.02	
8/29/2007	<0.02	
11/7/2007	<0.02	
5/7/2008	<0.02	
12/5/2008	<0.02	
4/14/2009	<0.02	
9/30/2009	<0.02	
4/13/2010	<0.02	
10/12/2010	<0.02	
4/6/2011	<0.02	
10/5/2011	<0.02	
4/9/2012	<0.02	
9/25/2012	<0.02	
3/13/2013	<0.02	
9/11/2013	<0.02	
3/11/2014	0.0037	
9/9/2014	0.0006 (J)	
4/23/2015	<0.02	
9/30/2015	0.0021 (J)	
3/23/2016	<0.02	
9/8/2016	<0.02	
3/27/2017	<0.02	
10/5/2017	<0.02	
3/15/2018	<0.02	
10/4/2018	0.003 (J)	
4/9/2019	<0.02	
10/1/2019	0.0054 (J)	
3/31/2020	<0.02	
9/23/2020	<0.02	
3/9/2021	<0.02	
8/10/2021	<0.02	
2/7/2022	<0.02	
8/9/2022	<0.02	
1/31/2023	<0.02	
8/15/2023	<0.02	
2/20/2024		<0.02
8/11/2024		<0.02
2/11/2025		<0.02

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/24/2025 10:24 AM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	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	
3/31/2008	0.0036	
5/7/2008	<0.01	
12/5/2008	<0.01	
4/14/2009	<0.01	
10/1/2009	<0.01	
4/14/2010	<0.01	
10/13/2010	<0.01	
4/6/2011	<0.01	
10/12/2011	<0.01	
4/9/2012	<0.01	
9/19/2012	<0.01	
3/13/2013	<0.01	
9/10/2013	<0.01	
3/11/2014	0.0033	
9/3/2014	0.0014 (J)	
4/23/2015	0.0024 (J)	
9/30/2015	0.0041 (J)	
3/23/2016	<0.01	
9/8/2016	<0.01	
3/27/2017	0.0014 (J)	
10/5/2017	0.0014 (J)	
3/15/2018	0.0039 (J)	
10/5/2018	0.0048 (J)	
4/8/2019	0.0016 (J)	
10/1/2019	0.0057 (J)	
3/26/2020	<0.01	
9/23/2020	0.0022 (J)	
3/9/2021	<0.01	
8/10/2021	<0.01	
2/7/2022	<0.01	
8/8/2022	<0.01	
1/31/2023	<0.01	
8/14/2023	<0.01	
2/20/2024		<0.01
8/12/2024		<0.01
2/12/2025		0.0029 (J)

ND substitution: RL or RL/2 if <15% NDs.

FIGURE E.

Appendix III Intrawell Prediction Limits - Significant Results

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 6/10/2025, 3:35 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	**GWC-9**	**40.48**	**n/a**	**2/11/2025**	**40.9**	**Yes**	**21**	**35.82**	**2.008**	**0**	**None**	**No**	**0.0006269**	**Param Intra 1 of 2**
Chloride (mg/L)	**GWC-21**	**4.703**	**n/a**	**2/11/2025**	**5.5**	**Yes**	**22**	**2.662**	**0.886**	**0**	**None**	**No**	**0.0006269**	**Param Intra 1 of 2**
Sulfate (mg/L)	**GWA-2**	**25.18**	**n/a**	**2/11/2025**	**33.8**	**Yes**	**21**	**16.94**	**3.554**	**0**	**None**	**No**	**0.0006269**	**Param Intra 1 of 2**
Sulfate (mg/L)	**GWC-19**	**22.7**	**n/a**	**2/11/2025**	**26.8**	**Yes**	**21**	**17.2**	**2.369**	**0**	**None**	**No**	**0.0006269**	**Param Intra 1 of 2**
TDS (mg/L)	**GWA-2**	**280.3**	**n/a**	**2/11/2025**	**292**	**Yes**	**21**	**228**	**22.53**	**0**	**None**	**No**	**0.0006269**	**Param Intra 1 of 2**

Appendix III Intrawell Prediction Limits - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 6/10/2025, 3:35 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	0.049	n/a	2/11/2025	0.019J	No	21	n/a	n/a	9.524	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Boron (mg/L)	GWA-2	0.1018	n/a	2/11/2025	0.094	No	21	0.08654	0.006575	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWA-3	0.1929	n/a	2/11/2025	0.11	No	21	0.1429	0.02156	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWA-4	0.1334	n/a	2/11/2025	0.044	No	21	0.08657	0.02019	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWA-11	0.04261	n/a	2/11/2025	0.039J	No	21	0.03647	0.002646	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-5	0.08069	n/a	2/11/2025	0.046	No	21	0.05775	0.009887	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-6	0.04623	n/a	2/12/2025	0.044	No	22	0.03968	0.002845	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-7	0.07524	n/a	2/12/2025	0.026J	No	21	0.05036	0.01072	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-8	0.1025	n/a	2/12/2025	0.042	No	22	-3.31	0.448	0	None	ln(x)	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-9	0.02283	n/a	2/11/2025	0.017J	No	21	0.01624	0.002837	4.762	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-10	0.04275	n/a	2/11/2025	0.041	No	21	0.03408	0.003737	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-18	0.1499	n/a	2/12/2025	0.14	No	21	0.129	0.008992	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-19	0.2087	n/a	2/11/2025	0.16	No	21	0.1683	0.01739	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-20	0.02547	n/a	2/11/2025	0.018J	No	21	0.01778	0.003312	4.762	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-21	0.1187	n/a	2/11/2025	0.021J	No	21	-3.445	0.5661	0	None	ln(x)	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-22	0.08042	n/a	2/11/2025	0.069	No	21	0.06582	0.006291	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-23	0.0808	n/a	2/12/2025	0.019J	No	20	0.1811	0.04411	5	None	sqrt(x)	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWA-1	20.58	n/a	2/11/2025	14.1	No	21	16.38	1.811	4.762	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWA-2	57.38	n/a	2/11/2025	57.2	No	21	44.83	5.409	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWA-3	93.72	n/a	2/11/2025	65.7	No	21	72.29	9.235	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWA-4	118.7	n/a	2/11/2025	76	No	21	84.71	14.64	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWA-11	25.23	n/a	2/11/2025	21	No	21	423.9	91.74	4.762	None	x^2	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-5	89.77	n/a	2/11/2025	75.5	No	21	75.57	6.12	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-6	76.07	n/a	2/12/2025	69.3	No	21	64.92	4.805	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-7	75.82	n/a	2/12/2025	18.5	No	22	39.27	15.87	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-8	105.3	n/a	2/12/2025	91.8	No	24	70.51	15.34	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	**GWC-9**	**40.48**	**n/a**	**2/11/2025**	**40.9**	**Yes**	**21**	**35.82**	**2.008**	**0**	**None**	**No**	**0.0006269**	**Param Intra 1 of 2**
Calcium (mg/L)	GWC-10	59.58	n/a	2/11/2025	46.2	No	23	41.64	7.848	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-18	52.22	n/a	2/12/2025	43.6	No	22	6.454	0.3355	0	None	sqrt(x)	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-19	51.58	n/a	2/11/2025	48.6	No	22	44.83	2.934	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-20	71.97	n/a	2/11/2025	63.9	No	22	56.93	6.529	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-21	88.36	n/a	2/11/2025	28.1	No	24	45.41	18.94	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-22	53.53	n/a	2/11/2025	50.1	No	21	48.05	2.361	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-23	61.59	n/a	2/12/2025	42.8	No	22	3.438	0.2222	0	None	x^(1/3)	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWA-1	1.6	n/a	2/11/2025	1.3	No	21	n/a	n/a	0	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWA-2	2.951	n/a	2/11/2025	2.7	No	21	2.352	0.2582	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWA-3	5.761	n/a	2/11/2025	1.3	No	21	3.197	1.105	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWA-4	10.08	n/a	2/11/2025	2	No	21	5.299	2.059	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWA-11	1.98	n/a	2/11/2025	1.3	No	21	1.381	0.2581	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-5	4.049	n/a	2/11/2025	2.7	No	21	2.689	0.586	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-6	2.373	n/a	2/12/2025	1.5	No	21	1.83	0.234	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-7	2.224	n/a	2/12/2025	1.9	No	21	1.634	0.2545	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-8	3.316	n/a	2/12/2025	2.1	No	23	2.05	0.554	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-9	1.693	n/a	2/11/2025	1	No	21	1.04	0.2817	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-10	2.156	n/a	2/11/2025	1.3	No	23	1.462	0.3036	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-18	1.857	n/a	2/12/2025	0.8J	No	21	1.213	0.2777	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-19	2.569	n/a	2/11/2025	1.4	No	21	1.666	0.3892	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-20	2.32	n/a	2/11/2025	1.5	No	22	1.487	0.3614	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	**GWC-21**	**4.703**	**n/a**	**2/11/2025**	**5.5**	**Yes**	**22**	**2.662**	**0.886**	**0**	**None**	**No**	**0.0006269**	**Param Intra 1 of 2**
Chloride (mg/L)	GWC-22	2.07	n/a	2/11/2025	1.4	No	21	1.341	0.3139	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-23	2.227	n/a	2/12/2025	1	No	21	1.302	0.3984	4.762	None	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWA-1	0.1782	n/a	2/11/2025	0.087J	No	21	0.1001	0.03365	4.762	None	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWA-2	0.2206	n/a	2/11/2025	0.075J	No	21	0.1177	0.04434	4.762	None	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWA-3	0.4711	n/a	2/11/2025	0.087J	No	21	0.4185	0.1155	4.762	None	sqrt(x)	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWA-4	0.4646	n/a	2/11/2025	0.12	No	21	-1.817	0.4525	0	None	ln(x)	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWA-11	0.1491	n/a	2/11/2025	0.055J	No	21	0.0736	0.03255	14.29	None	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-5	0.33	n/a	2/11/2025	0.05J	No	21	n/a	n/a	19.05	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-6	0.2679	n/a	2/12/2025	0.091J	No	21	0.3012	0.09327	9.524	None	sqrt(x)	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-7	0.475	n/a	2/12/2025	0.25	No	21	0.5972	0.07889	0	None	x^(1/3)	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-8	0.4	n/a	2/12/2025	0.15	No	22	n/a	n/a	0	n/a	n/a	0.003707	NP Intra (normality) 1 of 2

Appendix III Intrawell Prediction Limits - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 6/10/2025, 3:35 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Fluoride (mg/L)	GWC-9	0.1618	n/a	2/11/2025	0.068J	No	21	0.09042	0.03075	4.762	None	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-10	0.1772	n/a	2/11/2025	0.072J	No	21	0.1006	0.033	9.524	None	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-18	0.2074	n/a	2/12/2025	0.14	No	21	0.1351	0.03117	4.762	None	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-19	0.2456	n/a	2/11/2025	0.099J	No	21	0.3685	0.05476	4.762	None	sqrt(x)	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-20	0.1789	n/a	2/11/2025	0.06J	No	21	0.2855	0.05927	4.762	None	sqrt(x)	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-21	0.1935	n/a	2/11/2025	0.1ND	No	21	0.08248	0.04786	28.57	Kaplan-Meier	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-22	0.1451	n/a	2/11/2025	0.064J	No	21	0.08521	0.02581	4.762	None	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-23	0.172	n/a	2/12/2025	0.12	No	21	0.1019	0.03019	4.762	None	No	0.0006269	Param Intra 1 of 2
pH, Field (SU)	GWA-1	7.449	6.569	2/11/2025	6.89	No	21	7.009	0.1898	0	None	No	0.0003135	Param Intra 1 of 2
pH, Field (SU)	GWA-2	7.225	6.588	2/11/2025	6.76	No	21	6.907	0.1371	0	None	No	0.0003135	Param Intra 1 of 2
pH, Field (SU)	GWA-3	7.158	6.347	2/11/2025	6.76	No	21	6.752	0.1747	0	None	No	0.0003135	Param Intra 1 of 2
pH, Field (SU)	GWA-4	7.177	6.392	2/11/2025	6.98	No	21	6.785	0.1691	0	None	No	0.0003135	Param Intra 1 of 2
pH, Field (SU)	GWA-11	7.117	6.379	2/11/2025	6.84	No	21	6.748	0.1589	0	None	No	0.0003135	Param Intra 1 of 2
pH, Field (SU)	GWC-5	7.18	6.505	2/11/2025	6.9	No	21	6.842	0.1455	0	None	No	0.0003135	Param Intra 1 of 2
pH, Field (SU)	GWC-6	7.487	6.587	2/12/2025	7.15	No	28	7.037	0.2031	0	None	No	0.0003135	Param Intra 1 of 2
pH, Field (SU)	GWC-7	6.752	5.525	2/12/2025	5.76	No	25	6.138	0.2728	0	None	No	0.0003135	Param Intra 1 of 2
pH, Field (SU)	GWC-8	7.754	6.649	2/12/2025	7.09	No	31	7.202	0.2527	0	None	No	0.0003135	Param Intra 1 of 2
pH, Field (SU)	GWC-9	7.362	6.384	2/11/2025	6.89	No	23	6.873	0.2141	0	None	No	0.0003135	Param Intra 1 of 2
pH, Field (SU)	GWC-10	7.722	6.882	2/11/2025	7.47	No	25	7.302	0.1867	0	None	No	0.0003135	Param Intra 1 of 2
pH, Field (SU)	GWC-18	7.775	7.389	2/12/2025	7.73	No	23	7.582	0.08447	0	None	No	0.0003135	Param Intra 1 of 2
pH, Field (SU)	GWC-19	7.775	7.226	2/11/2025	7.5	No	24	7.5	0.1211	0	None	No	0.0003135	Param Intra 1 of 2
pH, Field (SU)	GWC-20	7.687	6.925	2/11/2025	7.28	No	28	7.306	0.1718	0	None	No	0.0003135	Param Intra 1 of 2
pH, Field (SU)	GWC-21	7.47	5.664	2/11/2025	6.4	No	25	6.567	0.4014	0	None	No	0.0003135	Param Intra 1 of 2
pH, Field (SU)	GWC-22	7.94	7.325	2/11/2025	7.58	No	23	7.633	0.1346	0	None	No	0.0003135	Param Intra 1 of 2
pH, Field (SU)	GWC-23	7.465	6.714	2/12/2025	7.24	No	21	7.09	0.1617	0	None	No	0.0003135	Param Intra 1 of 2
Sulfate (mg/L)	GWA-1	6.11	n/a	2/11/2025	3.7	No	21	2.167	0.1313	0	None	sqrt(x)	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	**GWA-2**	**25.18**	**n/a**	**2/11/2025**	**33.8**	**Yes**	**21**	**16.94**	**3.554**	**0**	**None**	**No**	**0.0006269**	**Param Intra 1 of 2**
Sulfate (mg/L)	GWA-3	159.8	n/a	2/11/2025	94.4	No	19	104.7	23.29	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWA-4	300.2	n/a	2/11/2025	155	No	21	170.4	55.94	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWA-11	15.24	n/a	2/11/2025	9.7	No	21	11.71	1.52	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-5	101.9	n/a	2/11/2025	91.7	No	19	79.18	9.587	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-6	141.3	n/a	2/12/2025	95	No	25	105.9	15.76	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-7	170.3	n/a	2/12/2025	107	No	21	108.8	26.51	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-8	58.8	n/a	2/12/2025	43.8	No	21	38.82	8.608	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-9	84.13	n/a	2/11/2025	79.2	No	22	69.25	6.462	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-10	33.9	n/a	2/11/2025	10.5	No	22	n/a	n/a	0	n/a	n/a	0.003707	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWC-18	14.04	n/a	2/12/2025	7.4	No	21	10.1	1.696	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	**GWC-19**	**22.7**	**n/a**	**2/11/2025**	**26.8**	**Yes**	**21**	**17.2**	**2.369**	**0**	**None**	**No**	**0.0006269**	**Param Intra 1 of 2**
Sulfate (mg/L)	GWC-20	84.02	n/a	2/11/2025	67.8	No	13	57.53	10.08	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-21	52.37	n/a	2/11/2025	18.3	No	21	29.09	10.03	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-22	12.64	n/a	2/11/2025	7.1	No	21	7.557	2.191	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-23	19.5	n/a	2/12/2025	4.8	No	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
TDS (mg/L)	GWA-1	154.3	n/a	2/11/2025	101	No	21	102.2	22.45	0	None	No	0.0006269	Param Intra 1 of 2
TDS (mg/L)	**GWA-2**	**280.3**	**n/a**	**2/11/2025**	**292**	**Yes**	**21**	**228**	**22.53**	**0**	**None**	**No**	**0.0006269**	**Param Intra 1 of 2**
TDS (mg/L)	GWA-3	550.3	n/a	2/11/2025	376	No	19	428.5	51.45	0	None	No	0.0006269	Param Intra 1 of 2
TDS (mg/L)	GWA-4	576.4	n/a	2/11/2025	430	No	16	451.9	50.69	0	None	No	0.0006269	Param Intra 1 of 2
TDS (mg/L)	GWA-11	171.6	n/a	2/11/2025	134	No	21	121.3	21.65	0	None	No	0.0006269	Param Intra 1 of 2
TDS (mg/L)	GWC-5	511	n/a	2/11/2025	420	No	21	n/a	n/a	0	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
TDS (mg/L)	GWC-6	415.1	n/a	2/12/2025	322	No	23	333.8	35.57	0	None	No	0.0006269	Param Intra 1 of 2
TDS (mg/L)	GWC-7	351	n/a	2/12/2025	243	No	21	264.4	37.35	0	None	No	0.0006269	Param Intra 1 of 2
TDS (mg/L)	GWC-8	431.9	n/a	2/12/2025	341	No	23	288.6	62.72	0	None	No	0.0006269	Param Intra 1 of 2
TDS (mg/L)	GWC-9	299.6	n/a	2/11/2025	247	No	21	226.3	31.57	0	None	No	0.0006269	Param Intra 1 of 2
TDS (mg/L)	GWC-10	259.7	n/a	2/11/2025	199	No	21	180.3	34.23	0	None	No	0.0006269	Param Intra 1 of 2
TDS (mg/L)	GWC-18	266.4	n/a	2/12/2025	192	No	20	206	25.84	0	None	No	0.0006269	Param Intra 1 of 2
TDS (mg/L)	GWC-19	274.7	n/a	2/11/2025	264	No	20	232.8	17.94	0	None	No	0.0006269	Param Intra 1 of 2
TDS (mg/L)	GWC-20	332.9	n/a	2/11/2025	291	No	21	248	36.6	0	None	No	0.0006269	Param Intra 1 of 2
TDS (mg/L)	GWC-21	374.9	n/a	2/11/2025	131	No	23	187.7	81.93	0	None	No	0.0006269	Param Intra 1 of 2
TDS (mg/L)	GWC-22	324	n/a	2/11/2025	221	No	21	n/a	n/a	0	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
TDS (mg/L)	GWC-23	285	n/a	2/12/2025	173	No	21	197.3	37.79	0	None	No	0.0006269	Param Intra 1 of 2

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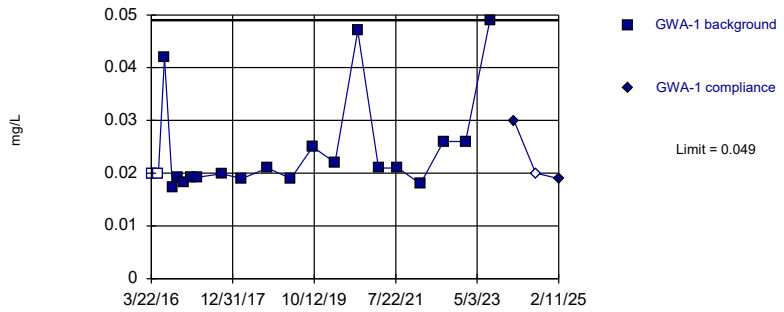
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. 9.524% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Boron Analysis Run 6/10/2025 3:26 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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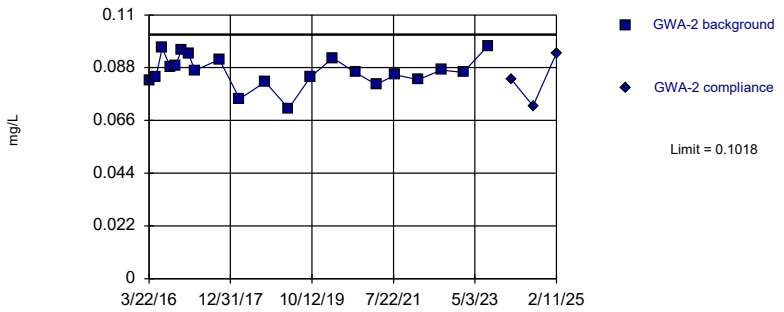
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.08654, Std. Dev.=0.006575, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9604, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Boron Analysis Run 6/10/2025 3:26 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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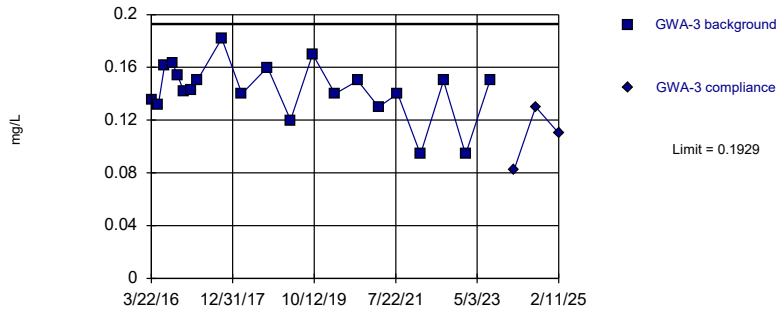
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.1429, Std. Dev.=0.02156, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9282, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Boron Analysis Run 6/10/2025 3:26 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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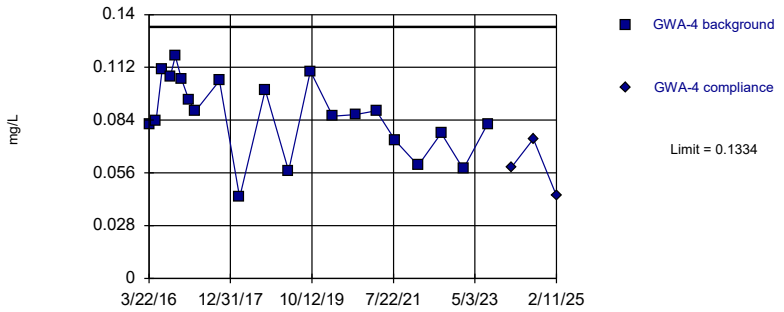
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.08657, Std. Dev.=0.02019, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9592, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Boron Analysis Run 6/10/2025 3:26 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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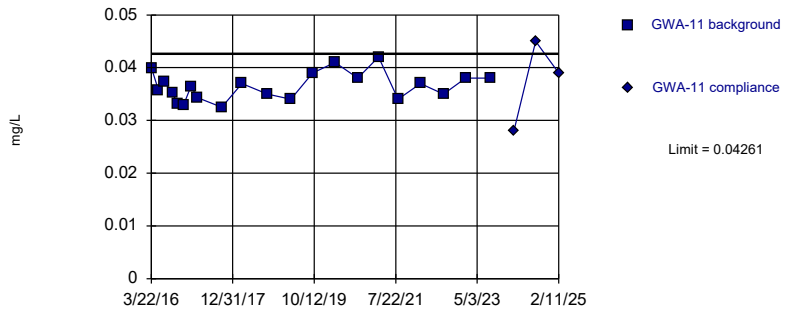
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.03647, Std. Dev.=0.002646, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9648, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Boron Analysis Run 6/10/2025 3:26 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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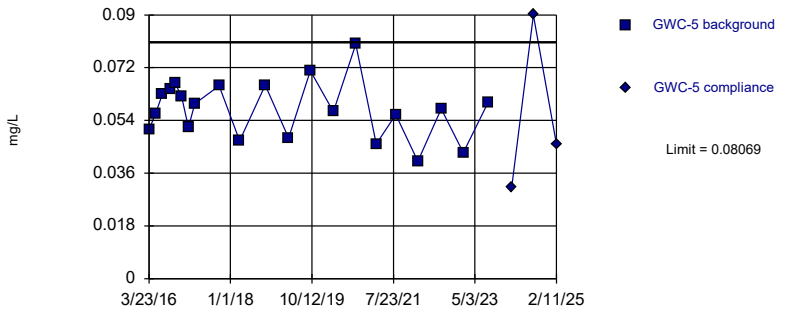
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.05775, Std. Dev.=0.009887, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9822, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Boron Analysis Run 6/10/2025 3:26 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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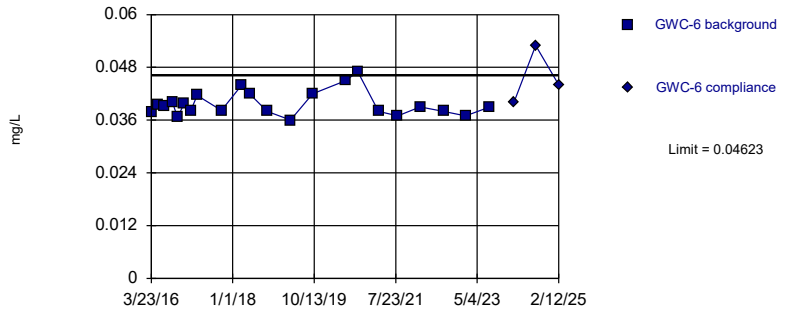
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.03968, Std. Dev.=0.002845, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8924, critical = 0.878. Kappa = 2.303 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Boron Analysis Run 6/10/2025 3:26 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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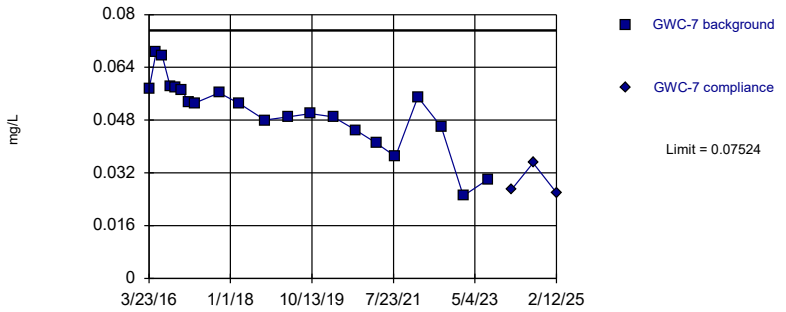
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.05036, Std. Dev.=0.01072, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9448, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Boron Analysis Run 6/10/2025 3:26 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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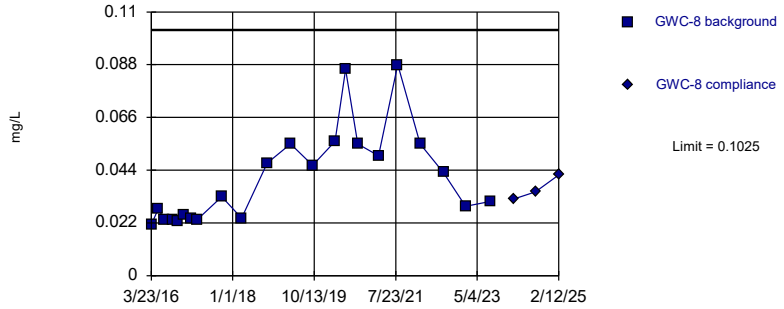
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation): Mean=-3.31, Std. Dev.=0.448, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.89, critical = 0.878. Kappa = 2.303 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Boron Analysis Run 6/10/2025 3:26 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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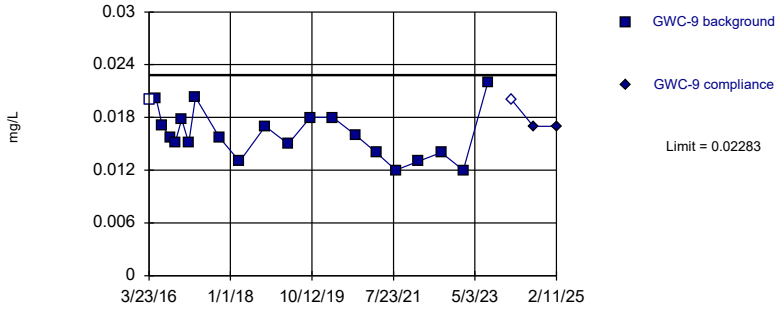
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01624, Std. Dev.=0.002837, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9629, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Boron Analysis Run 6/10/2025 3:26 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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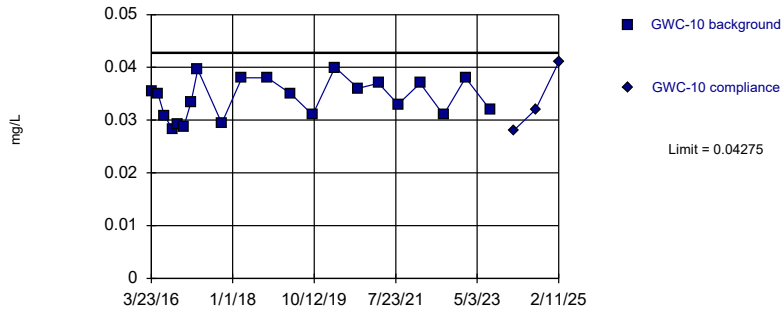
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.03408, Std. Dev.=0.003737, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9429, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Boron Analysis Run 6/10/2025 3:26 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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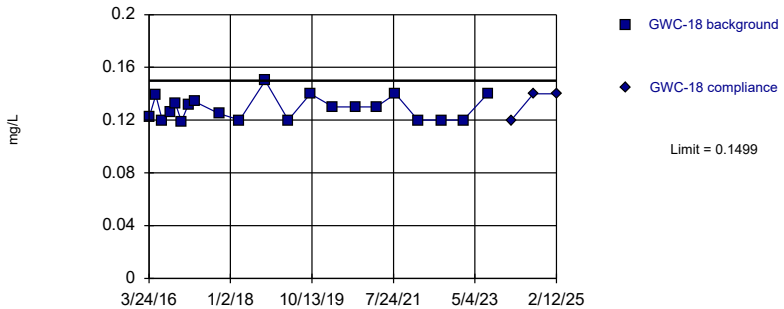
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.129, Std. Dev.=0.008992, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8934, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Boron Analysis Run 6/10/2025 3:26 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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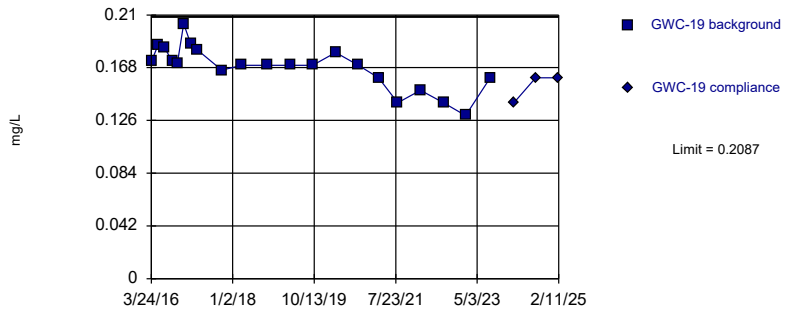
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.1683, Std. Dev.=0.01739, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9446, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Boron Analysis Run 6/10/2025 3:27 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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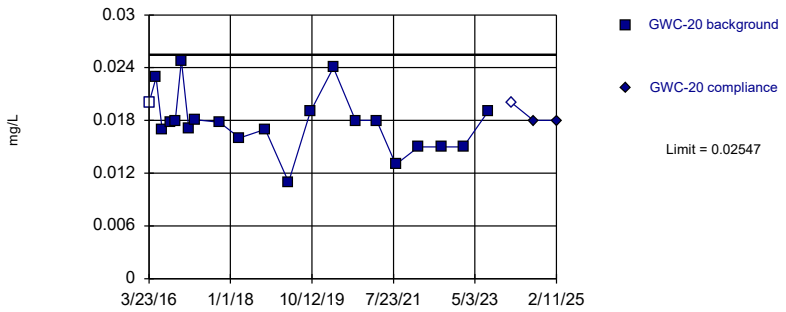
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01778, Std. Dev.=0.003312, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9434, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Boron Analysis Run 6/10/2025 3:27 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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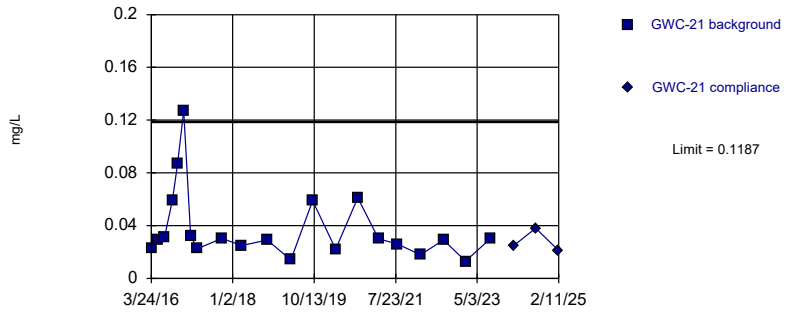
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation): Mean=-3.445, Std. Dev.=0.5661, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9108, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Boron Analysis Run 6/10/2025 3:27 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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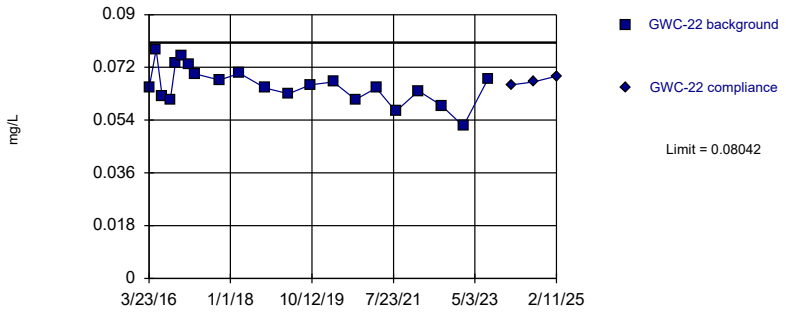
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.06582, Std. Dev.=0.006291, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9904, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

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Plant Hammond Client: Southern Company Data: Huffaker Road LF

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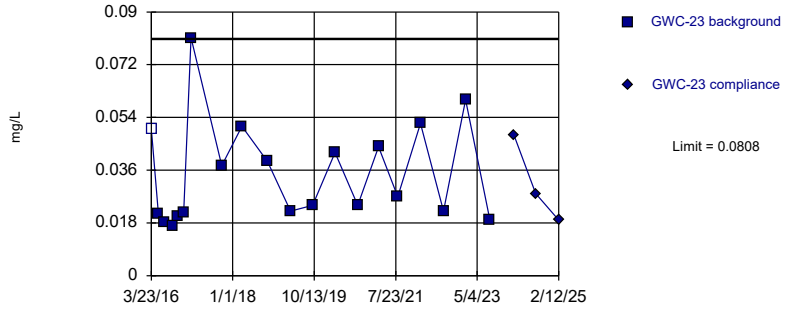
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.1811, Std. Dev.=0.04411, n=20, 5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8907, critical = 0.868. Kappa = 2.338 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

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Plant Hammond Client: Southern Company Data: Huffaker Road LF

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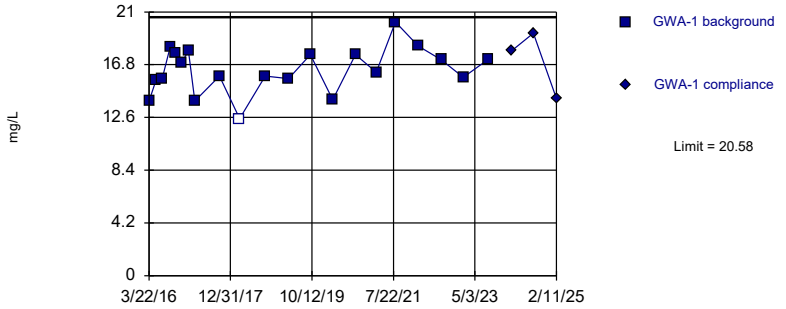
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=16.38, Std. Dev.=1.811, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9649, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 6/10/2025 3:27 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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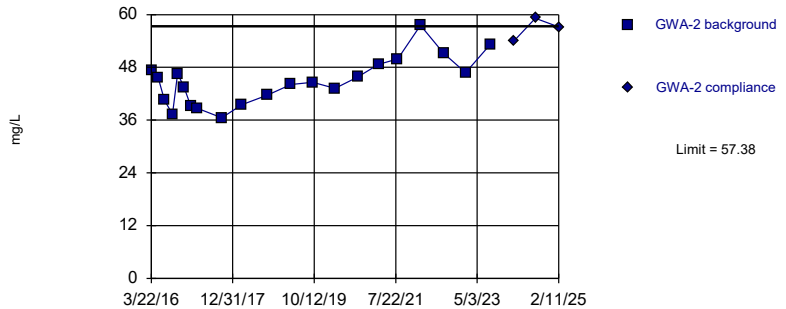
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=44.83, Std. Dev.=5.409, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9739, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 6/10/2025 3:27 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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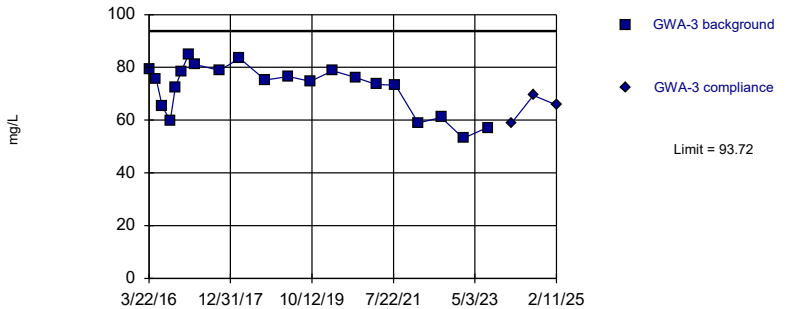
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=72.29, Std. Dev.=9.235, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8972, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 6/10/2025 3:27 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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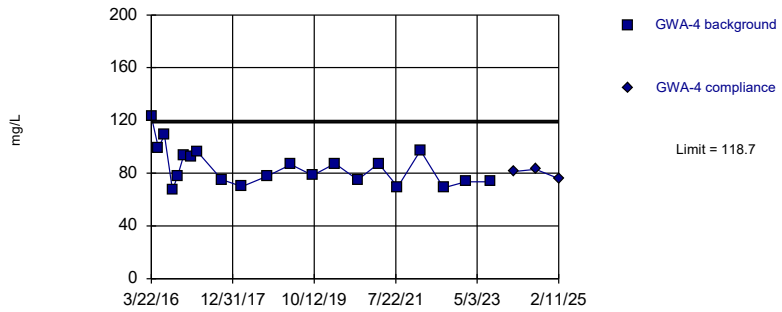
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=84.71, Std. Dev.=14.64, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.91, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 6/10/2025 3:27 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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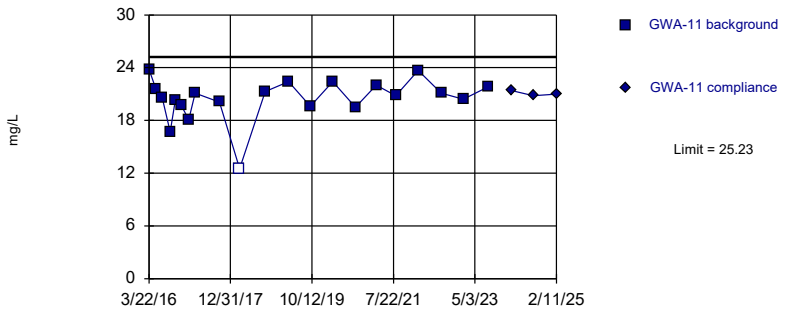
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation): Mean=423.9, Std. Dev.=91.74, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9152, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 6/10/2025 3:27 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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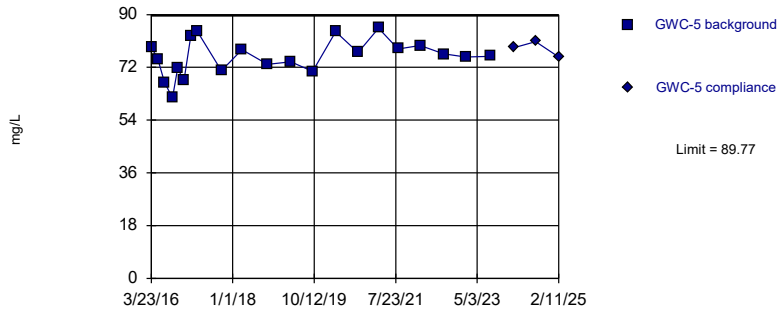
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=75.57, Std. Dev.=6.12, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9768, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 6/10/2025 3:27 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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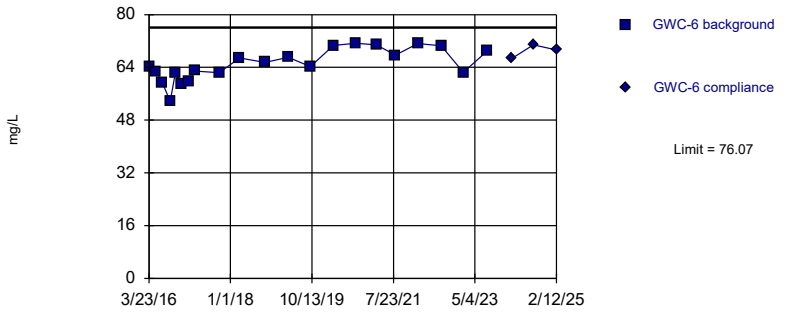
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=64.92, Std. Dev.=4.805, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9442, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 6/10/2025 3:27 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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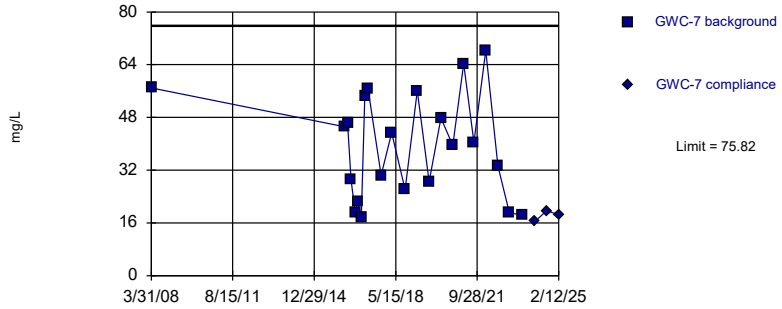
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=39.27, Std. Dev.=15.87, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.943, critical = 0.878. Kappa = 2.303 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

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Plant Hammond Client: Southern Company Data: Huffaker Road LF

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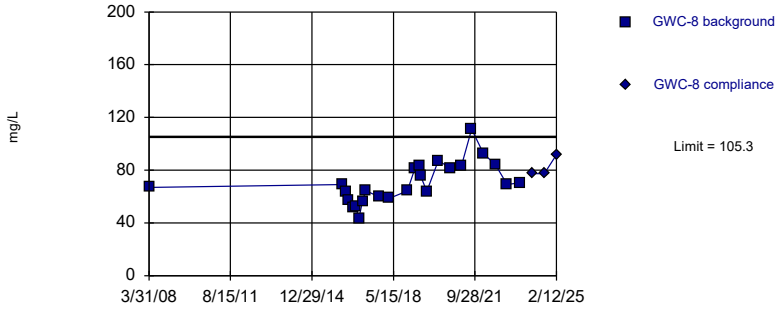
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=70.51, Std. Dev.=15.34, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9624, critical = 0.884. Kappa = 2.268 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

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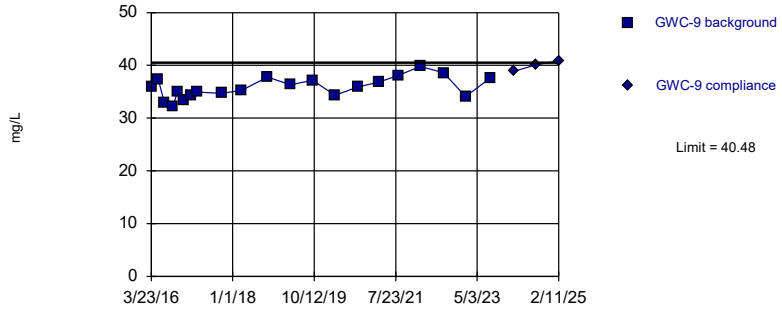
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=35.82, Std. Dev.=2.008, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9878, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 6/10/2025 3:27 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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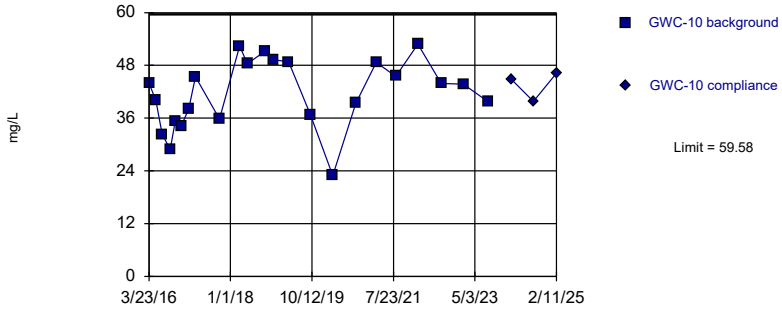
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=41.64, Std. Dev.=7.848, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9599, critical = 0.881. Kappa = 2.285 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 6/10/2025 3:27 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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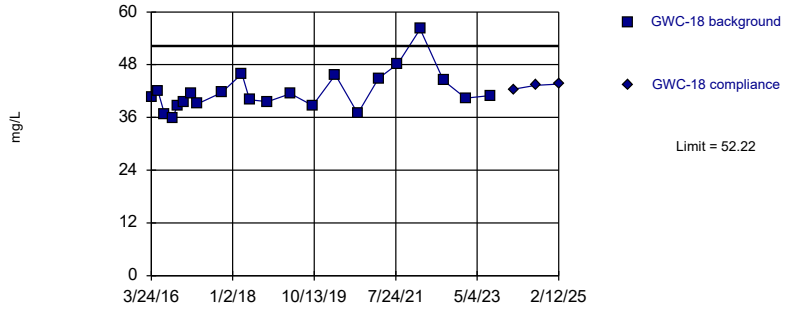
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=6.454, Std. Dev.=0.3355, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8895, critical = 0.878. Kappa = 2.303 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 6/10/2025 3:27 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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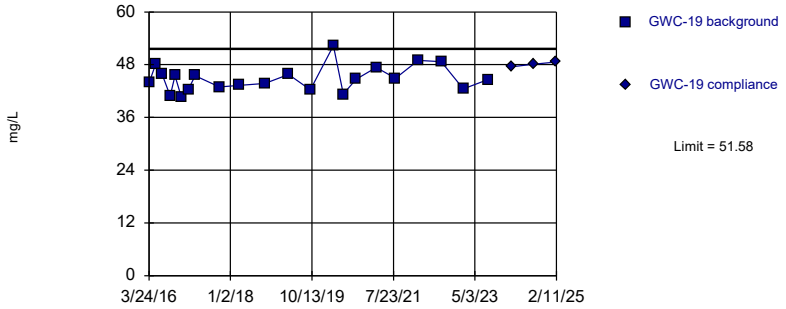
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=44.83, Std. Dev.=2.934, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9526, critical = 0.878. Kappa = 2.303 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 6/10/2025 3:27 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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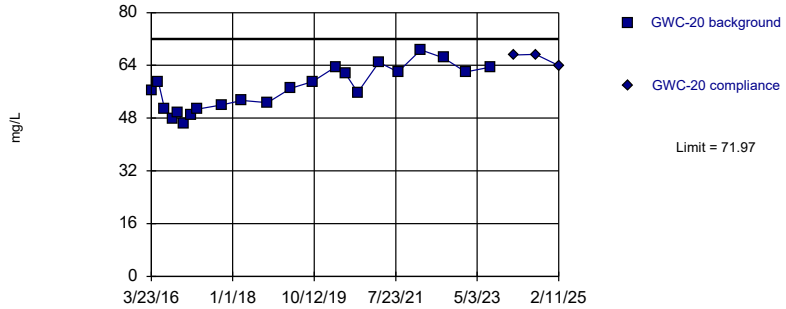
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=56.93, Std. Dev.=6.529, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9599, critical = 0.878. Kappa = 2.303 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 6/10/2025 3:27 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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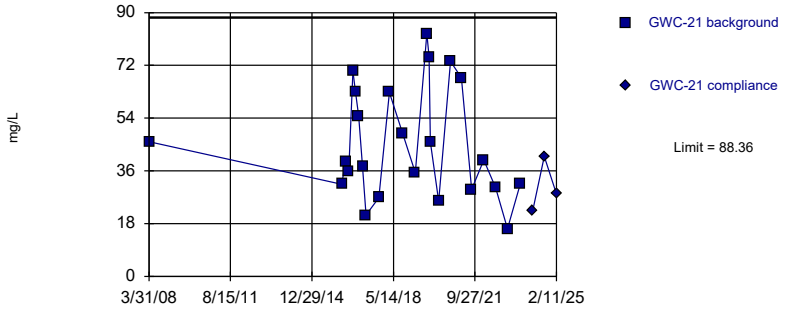
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=45.41, Std. Dev.=18.94, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9389, critical = 0.884. Kappa = 2.268 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

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Plant Hammond Client: Southern Company Data: Huffaker Road LF

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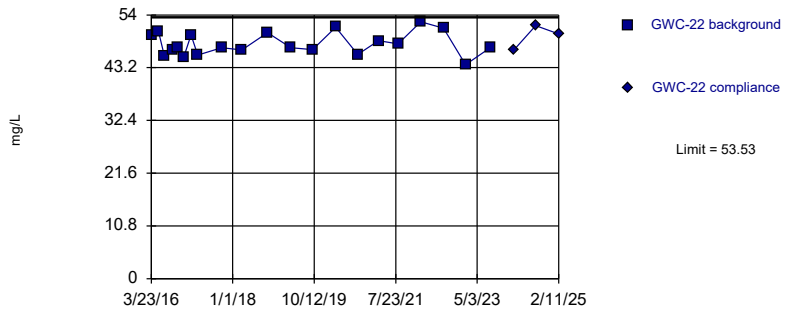
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=48.05, Std. Dev.=2.361, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.958, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 6/10/2025 3:27 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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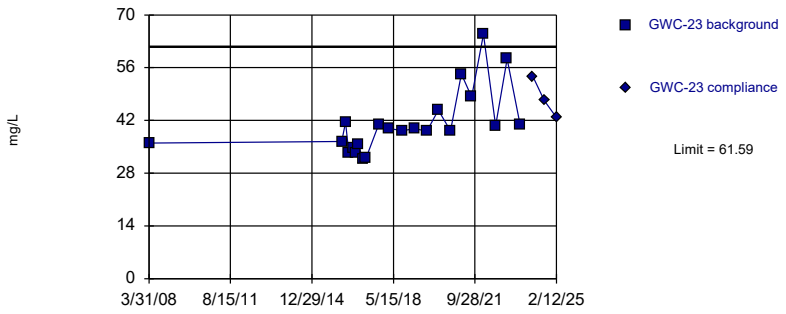
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on cube root transformation): Mean=3.438, Std. Dev.=0.2222, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.88, critical = 0.878. Kappa = 2.303 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 6/10/2025 3:27 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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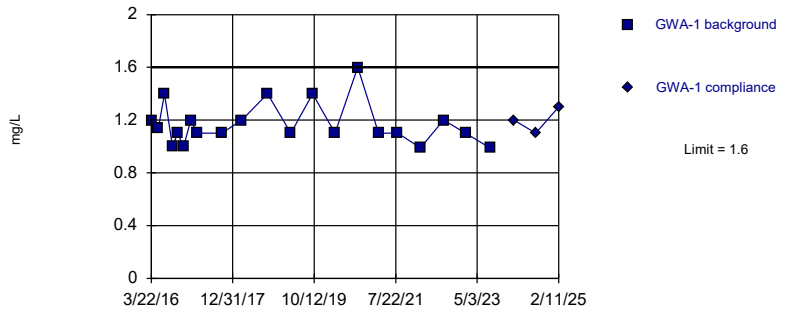
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Chloride Analysis Run 6/10/2025 3:27 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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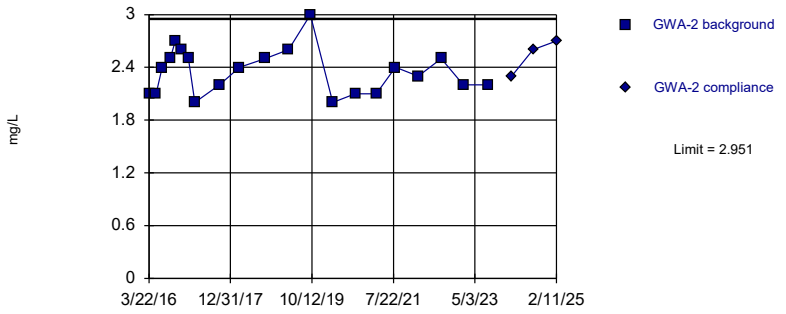
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=2.352, Std. Dev.=0.2582, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9376, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 6/10/2025 3:27 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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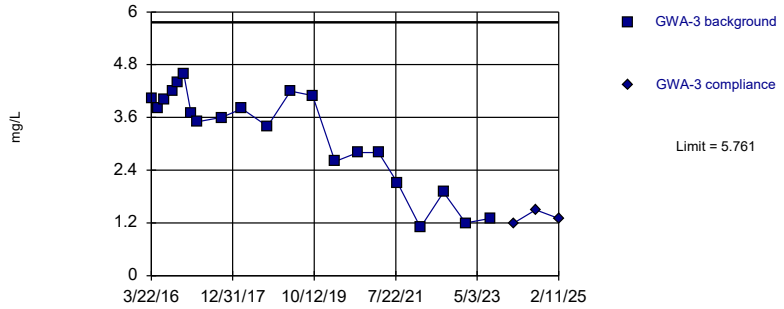
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=3.197, Std. Dev.=1.105, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8915, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 6/10/2025 3:27 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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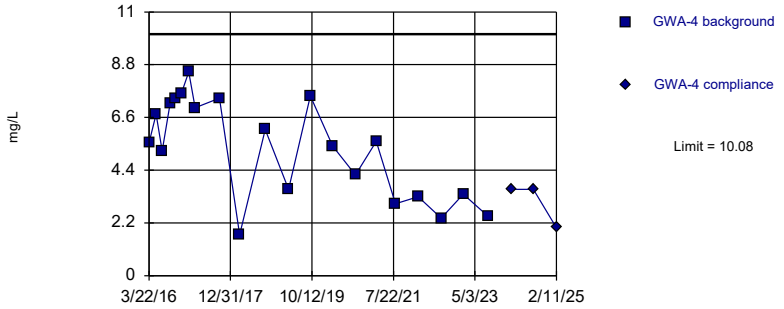
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.299, Std. Dev.=2.059, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9356, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 6/10/2025 3:27 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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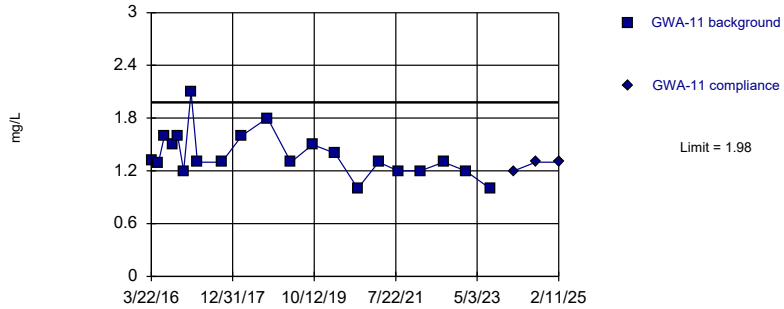
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.381, Std. Dev.=0.2581, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9026, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 6/10/2025 3:27 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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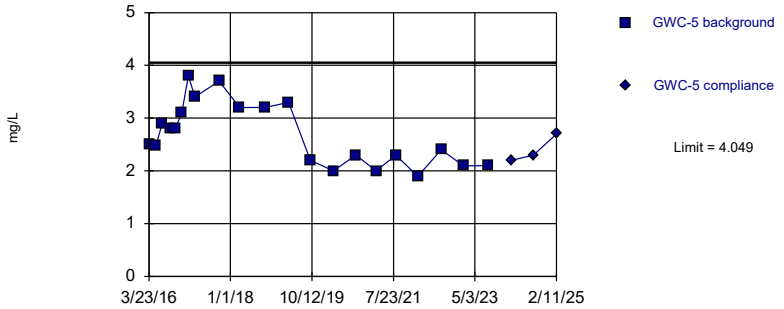
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=2.689, Std. Dev.=0.586, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9357, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 6/10/2025 3:27 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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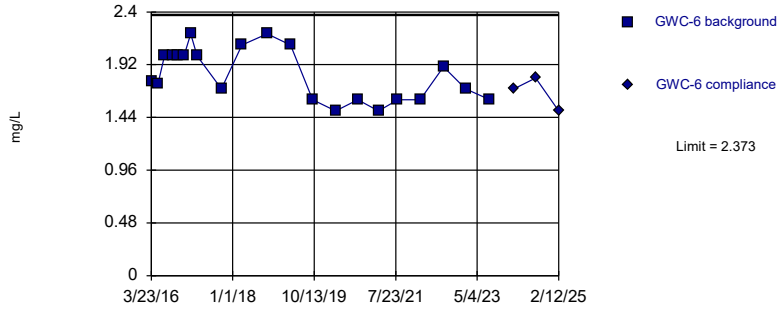
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.83, Std. Dev.=0.234, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9057, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 6/10/2025 3:27 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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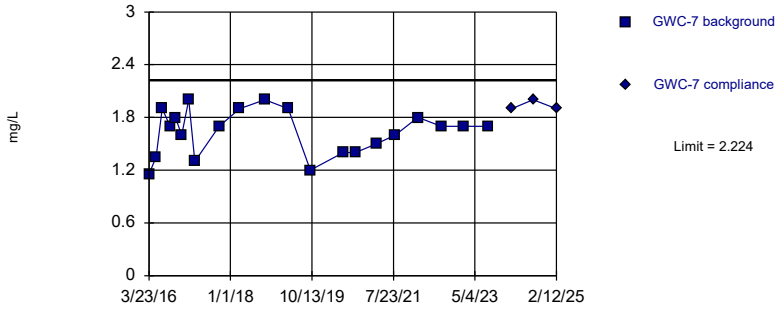
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.634, Std. Dev.=0.2545, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9451, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 6/10/2025 3:27 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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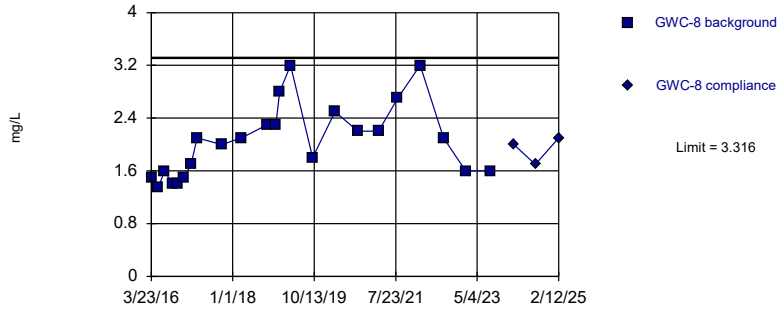
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=2.05, Std. Dev.=0.554, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9208, critical = 0.881. Kappa = 2.285 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 6/10/2025 3:27 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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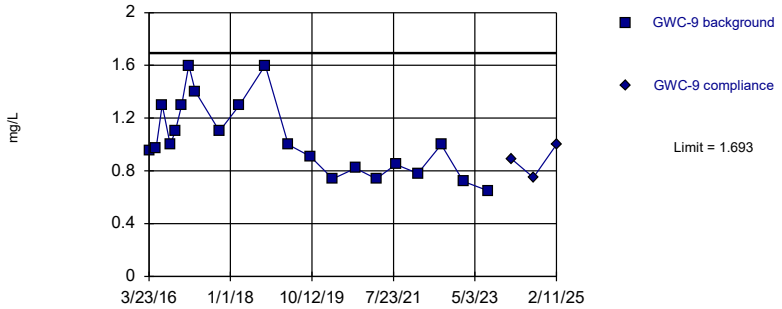
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.04, Std. Dev.=0.2817, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9276, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 6/10/2025 3:27 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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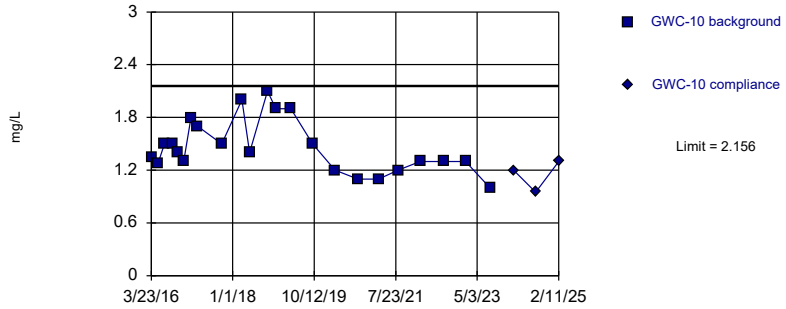
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.462, Std. Dev.=0.3036, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9285, critical = 0.881. Kappa = 2.285 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 6/10/2025 3:27 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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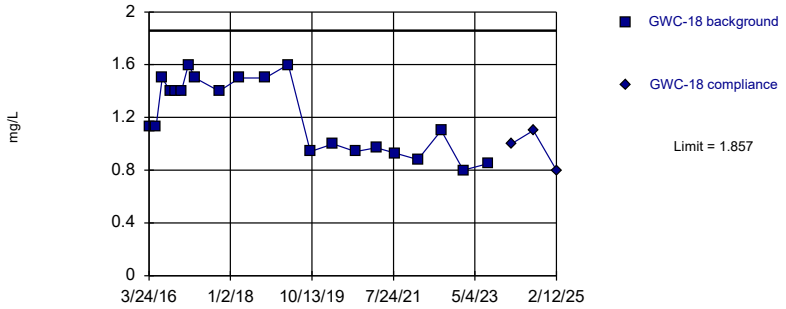
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.213, Std. Dev.=0.2777, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8856, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 6/10/2025 3:27 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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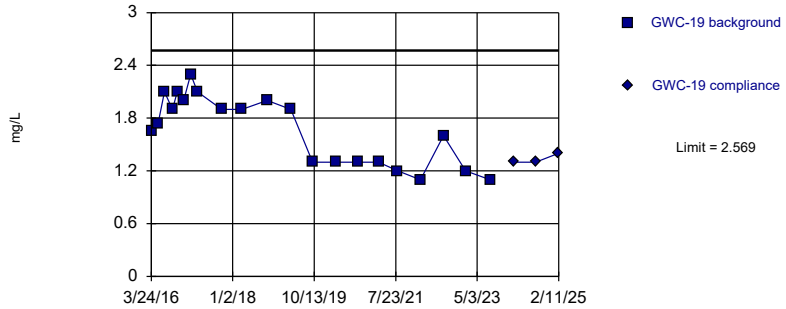
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.666, Std. Dev.=0.3892, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9029, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 6/10/2025 3:27 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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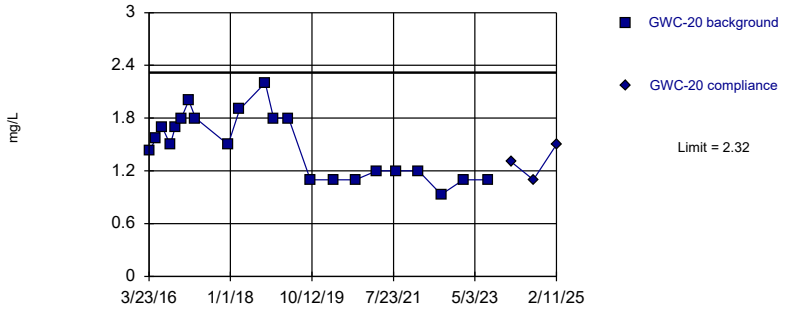
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.487, Std. Dev.=0.3614, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9283, critical = 0.878. Kappa = 2.303 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 6/10/2025 3:27 PM View: Appendix III Intrawell

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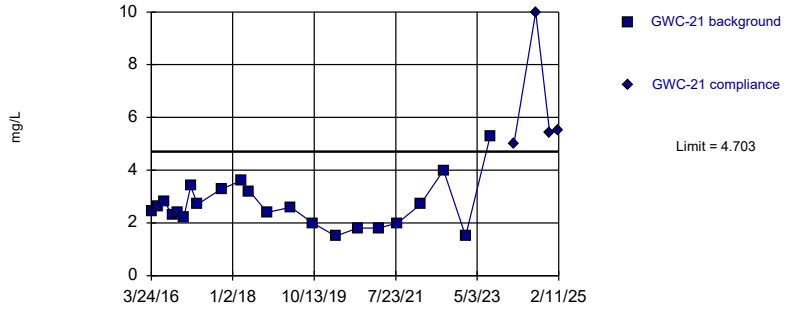
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=2.662, Std. Dev.=0.886, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9093, critical = 0.878. Kappa = 2.303 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 6/10/2025 3:27 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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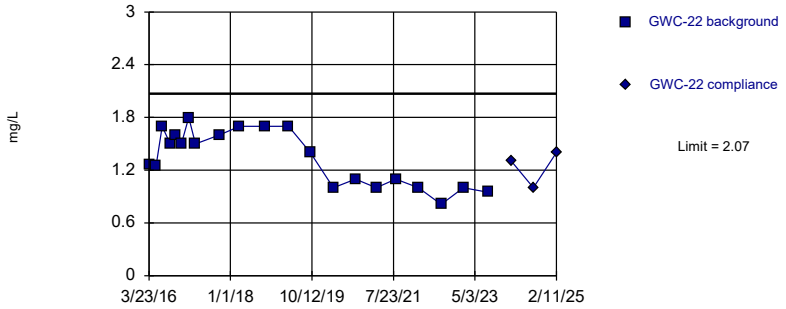
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.341, Std. Dev.=0.3139, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9099, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 6/10/2025 3:27 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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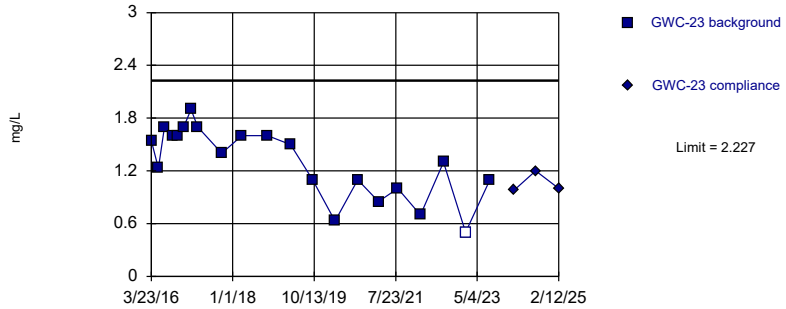
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.302, Std. Dev.=0.3984, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9313, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 6/10/2025 3:27 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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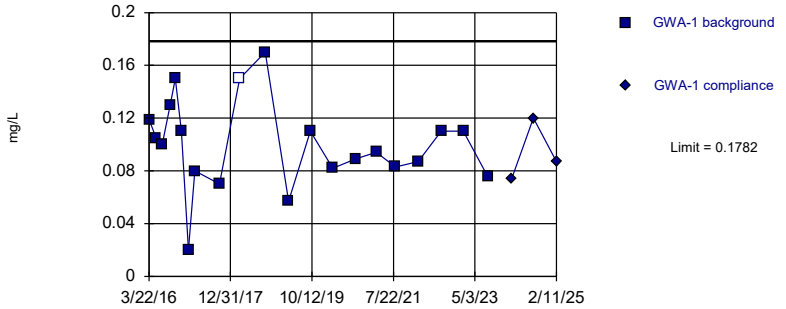
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.1001, Std. Dev.=0.03365, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.97, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 6/10/2025 3:27 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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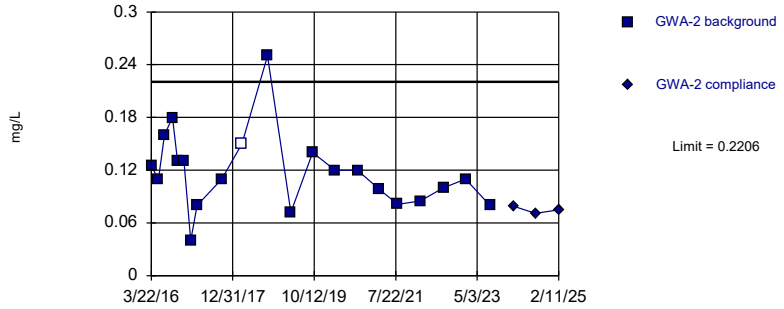
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.1177, Std. Dev.=0.04434, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9194, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 6/10/2025 3:27 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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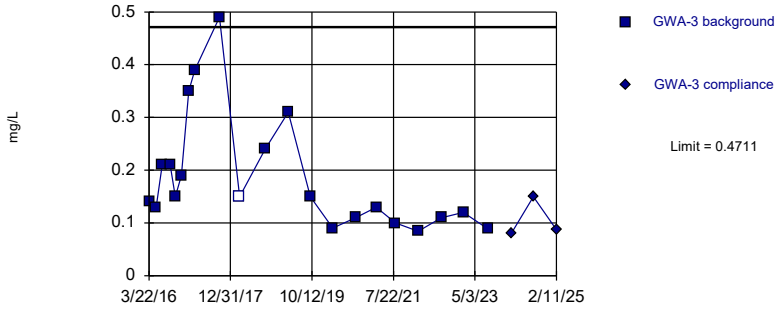
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.4185, Std. Dev.=0.1155, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8848, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 6/10/2025 3:27 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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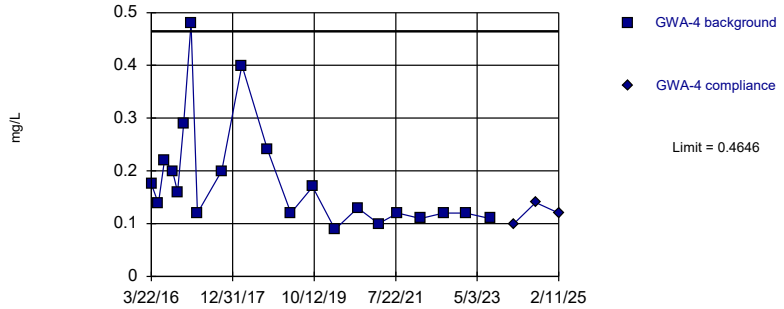
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation): Mean=-1.817, Std. Dev.=0.4525, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9058, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 6/10/2025 3:27 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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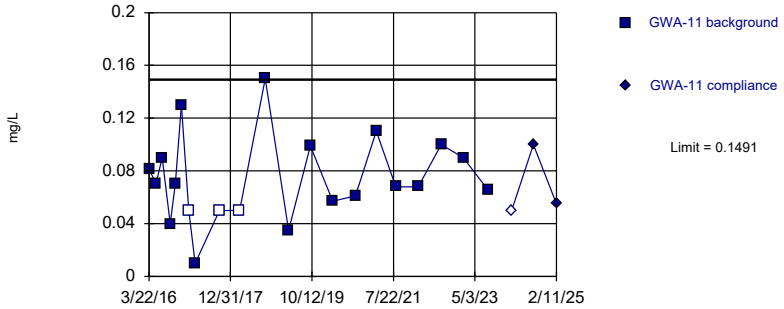
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.0736, Std. Dev.=0.03255, n=21, 14.29% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.972, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 6/10/2025 3:27 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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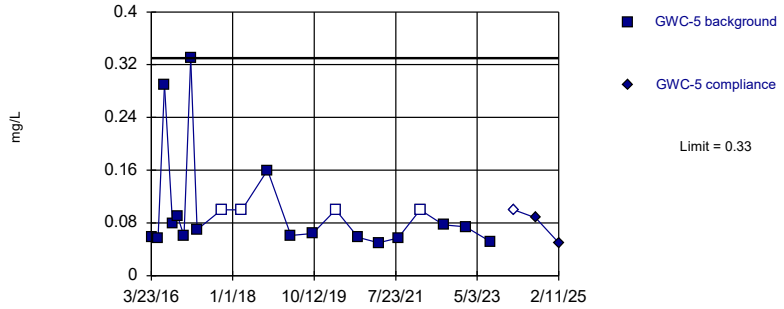
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. 19.05% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Fluoride Analysis Run 6/10/2025 3:27 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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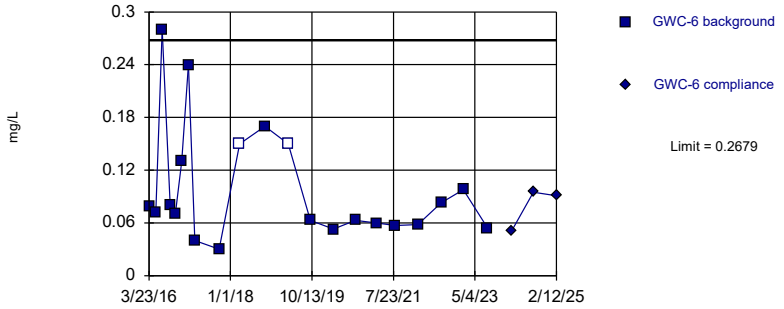
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.3012, Std. Dev.=0.09327, n=21, 9.524% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8853, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 6/10/2025 3:27 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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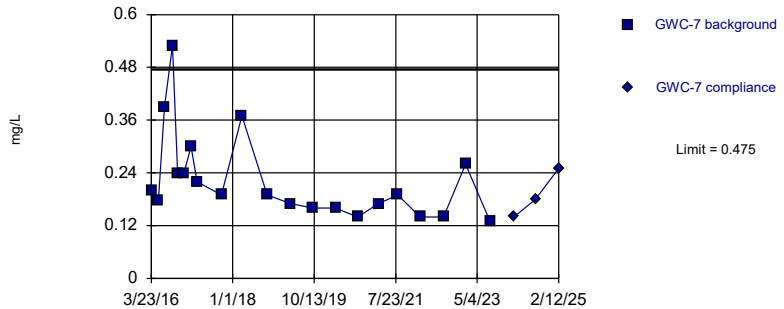
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on cube root transformation): Mean=0.5972, Std. Dev.=0.07889, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8806, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 6/10/2025 3:27 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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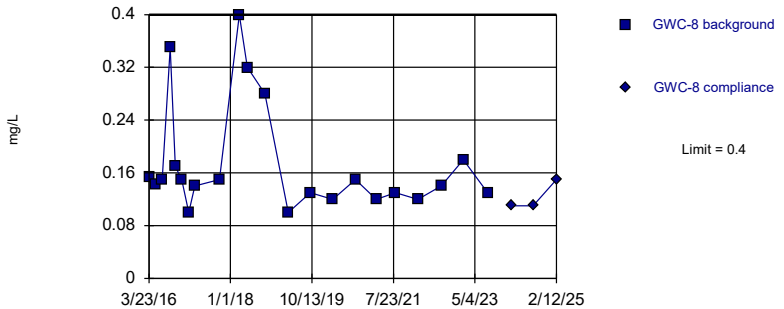
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 22 background values. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Fluoride Analysis Run 6/10/2025 3:27 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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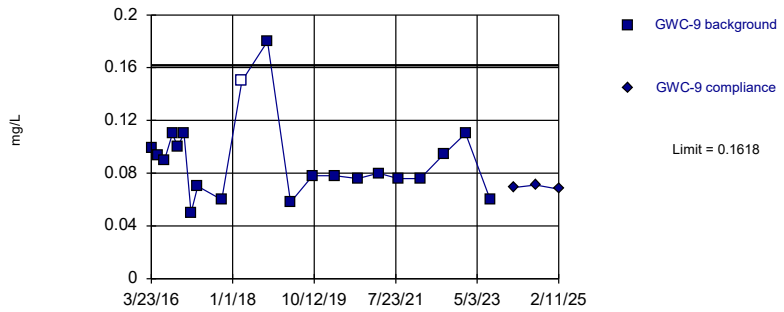
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.09042, Std. Dev.=0.03075, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8742, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 6/10/2025 3:27 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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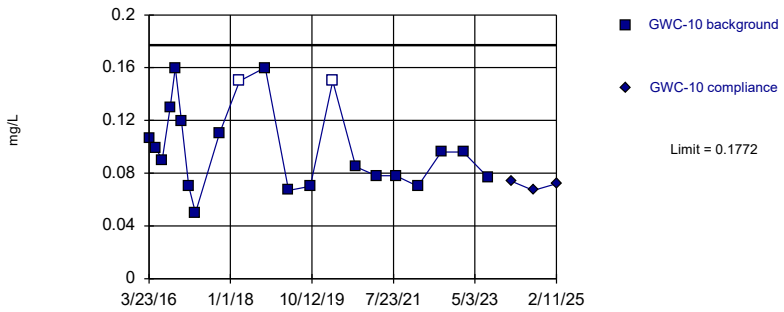
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.1006, Std. Dev.=0.033, n=21, 9.524% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9182, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 6/10/2025 3:28 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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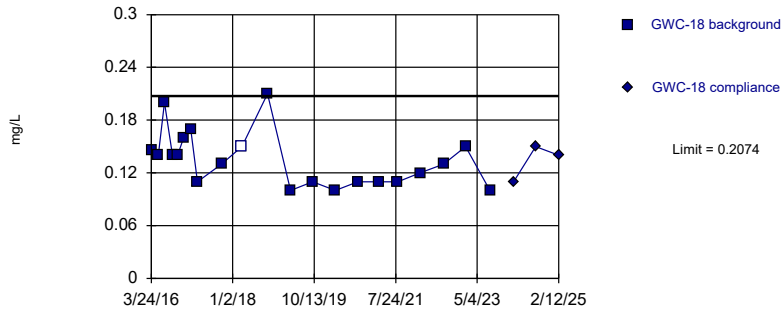
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.1351, Std. Dev.=0.03117, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8945, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 6/10/2025 3:28 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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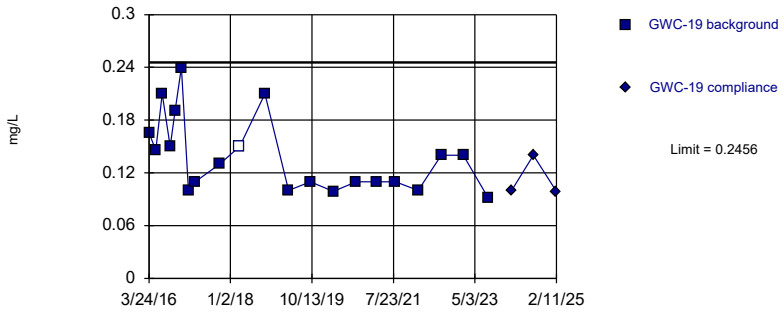
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.3685, Std. Dev.=0.05476, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8918, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 6/10/2025 3:28 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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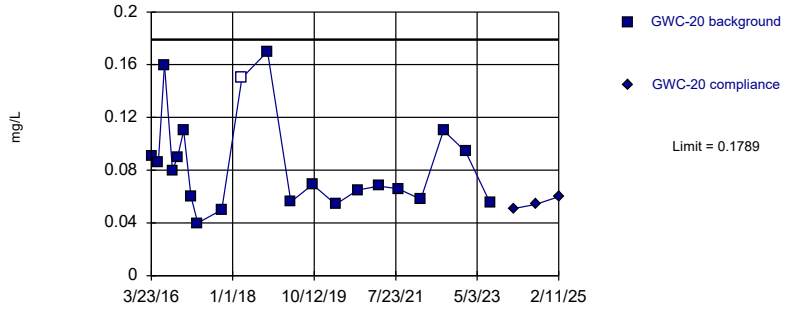
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.2855, Std. Dev.=0.05927, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9128, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 6/10/2025 3:28 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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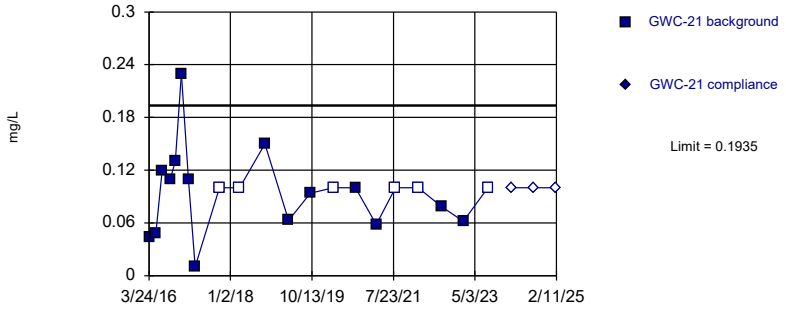
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.08248, Std. Dev.=0.04786, n=21, 28.57% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8935, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 6/10/2025 3:28 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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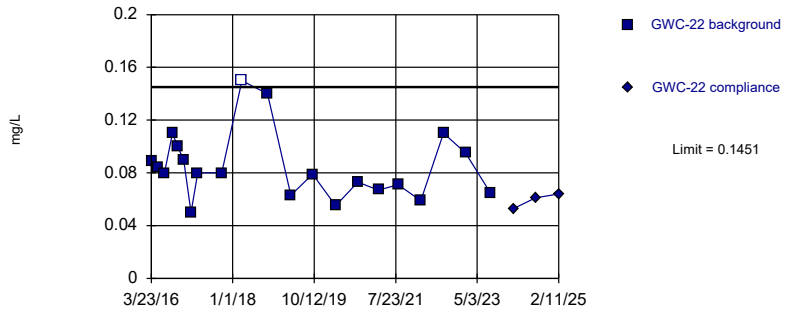
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.08521, Std. Dev.=0.02581, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9114, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 6/10/2025 3:28 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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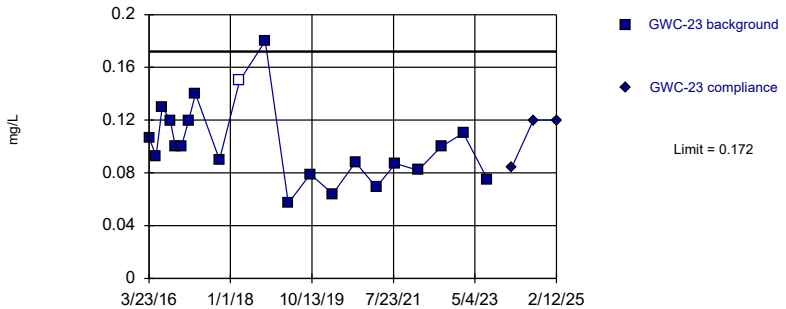
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.1019, Std. Dev.=0.03019, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9503, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 6/10/2025 3:28 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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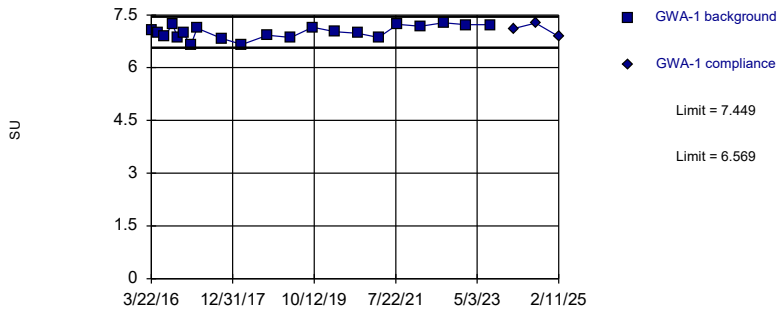
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=7.009, Std. Dev.=0.1898, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9438, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH, Field Analysis Run 6/10/2025 3:28 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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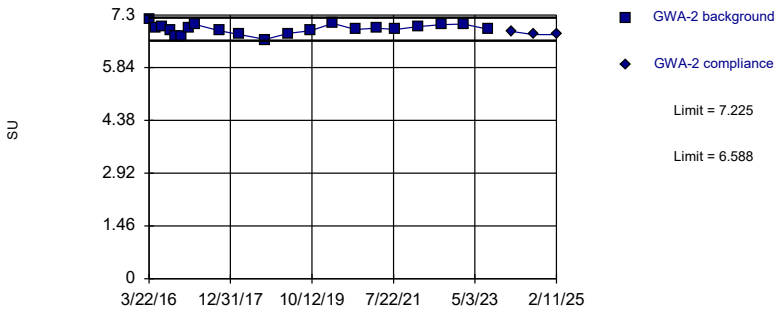
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.907, Std. Dev.=0.1371, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.983, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH, Field Analysis Run 6/10/2025 3:28 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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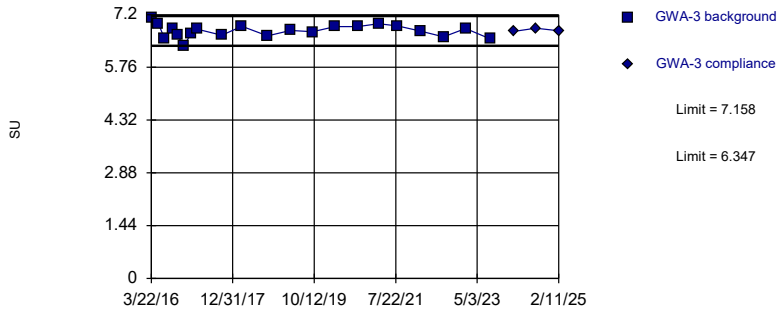
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.752, Std. Dev.=0.1747, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9815, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH, Field Analysis Run 6/10/2025 3:28 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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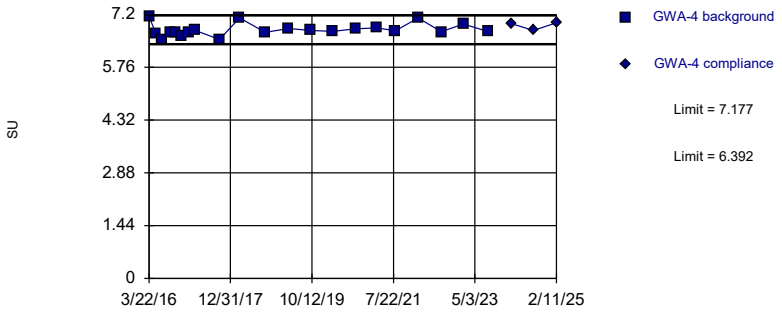
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.785, Std. Dev.=0.1691, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8878, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH, Field Analysis Run 6/10/2025 3:28 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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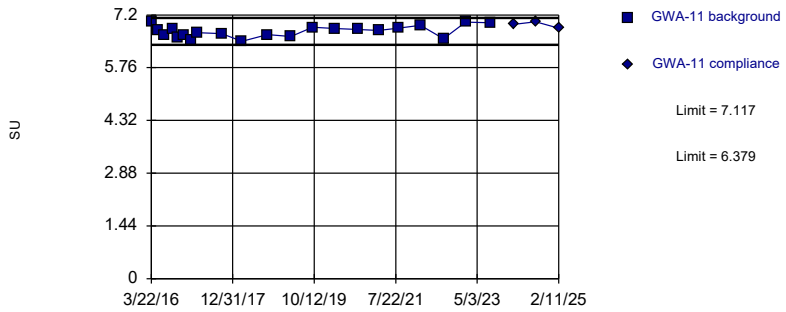
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.748, Std. Dev.=0.1589, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9627, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH, Field Analysis Run 6/10/2025 3:28 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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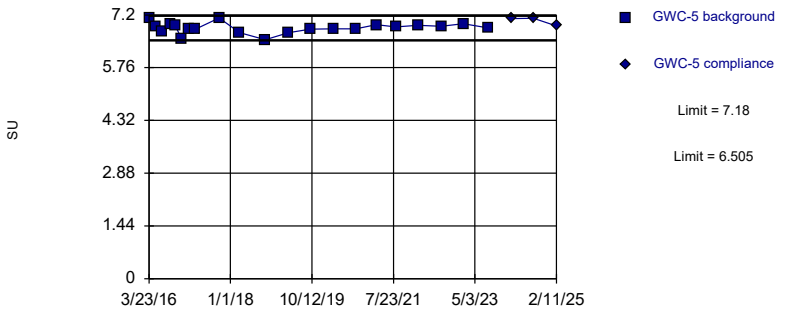
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.842, Std. Dev.=0.1455, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9473, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH, Field Analysis Run 6/10/2025 3:28 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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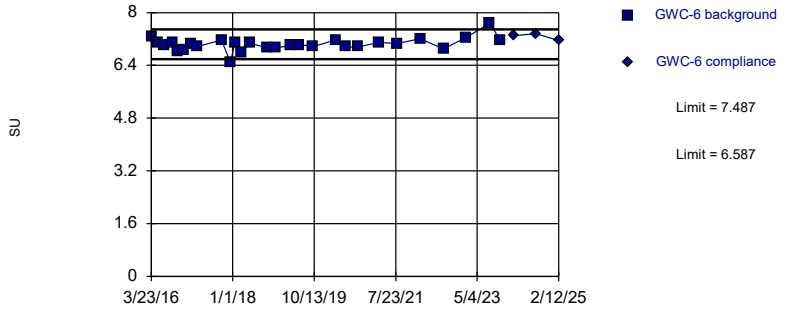
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=7.037, Std. Dev.=0.2031, n=28. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9206, critical = 0.896. Kappa = 2.218 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH, Field Analysis Run 6/10/2025 3:28 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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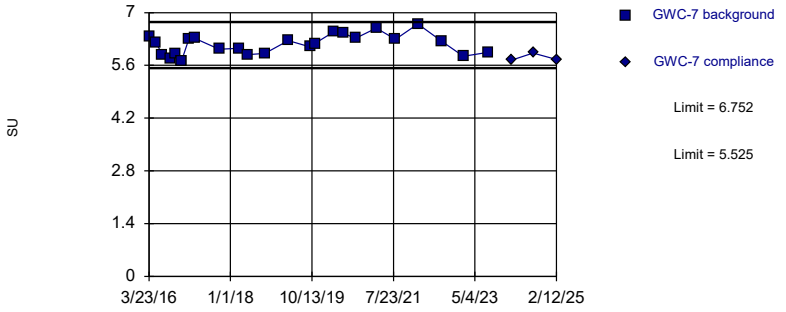
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.138, Std. Dev.=0.2728, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9583, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH, Field Analysis Run 6/10/2025 3:28 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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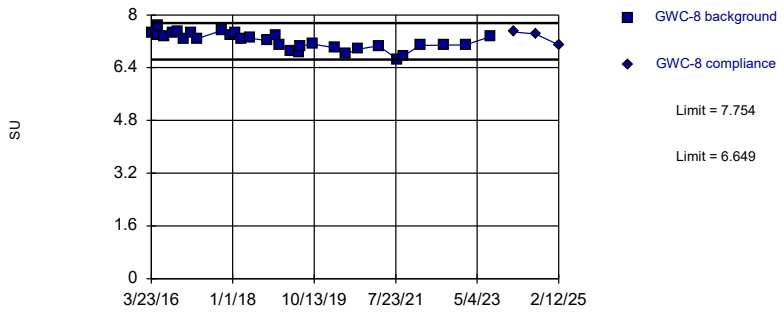
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=7.202, Std. Dev.=0.2527, n=31. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9636, critical = 0.902. Kappa = 2.187 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH, Field Analysis Run 6/10/2025 3:28 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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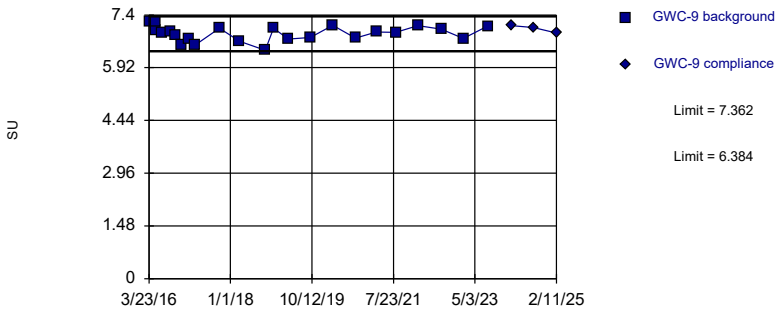
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.873, Std. Dev.=0.2141, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9689, critical = 0.881. Kappa = 2.285 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH, Field Analysis Run 6/10/2025 3:28 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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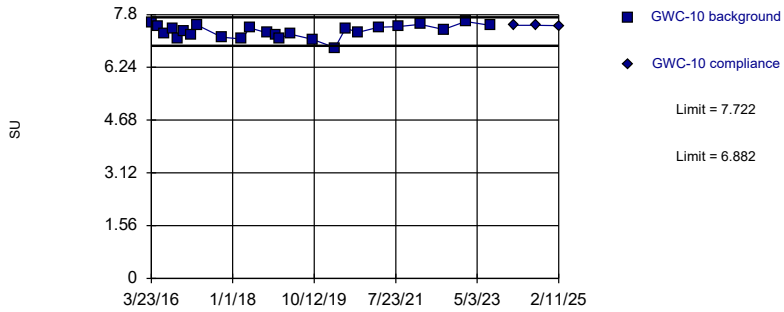
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=7.302, Std. Dev.=0.1867, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9589, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH, Field Analysis Run 6/10/2025 3:28 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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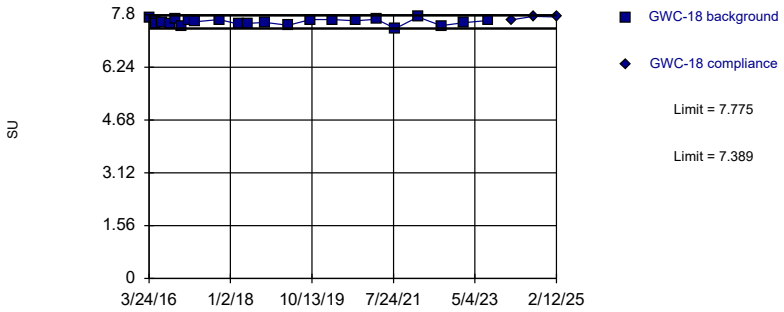
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=7.582, Std. Dev.=0.08447, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.973, critical = 0.881. Kappa = 2.285 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH, Field Analysis Run 6/10/2025 3:28 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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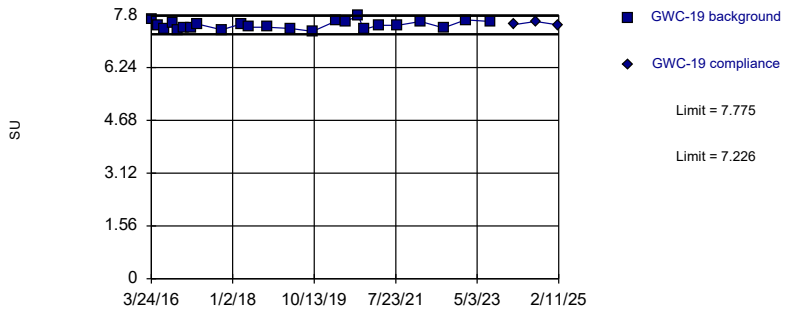
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=7.5, Std. Dev.=0.1211, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9599, critical = 0.884. Kappa = 2.268 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH, Field Analysis Run 6/10/2025 3:28 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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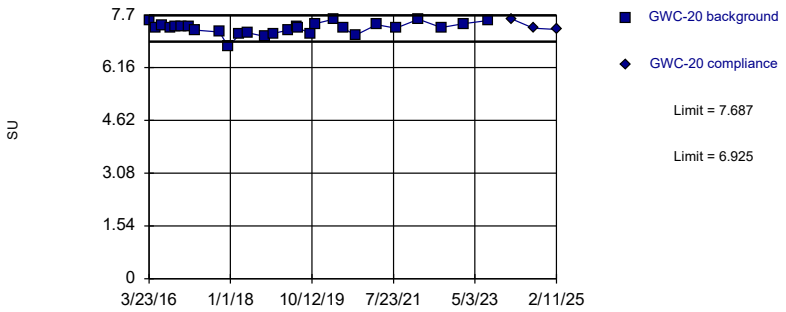
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=7.306, Std. Dev.=0.1718, n=28. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9374, critical = 0.896. Kappa = 2.218 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH, Field Analysis Run 6/10/2025 3:28 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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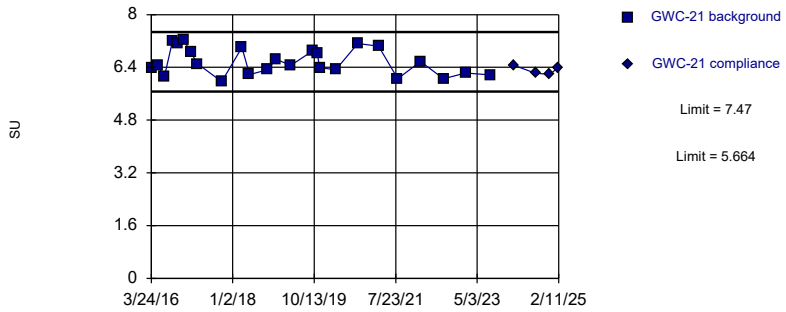
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.567, Std. Dev.=0.4014, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9306, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH, Field Analysis Run 6/10/2025 3:28 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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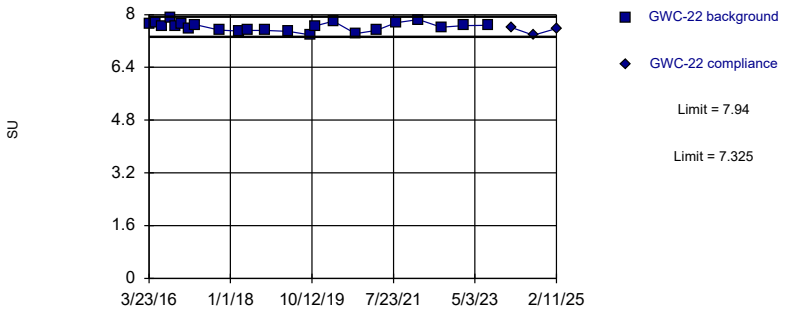
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=7.633, Std. Dev.=0.1346, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9777, critical = 0.881. Kappa = 2.285 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH, Field Analysis Run 6/10/2025 3:28 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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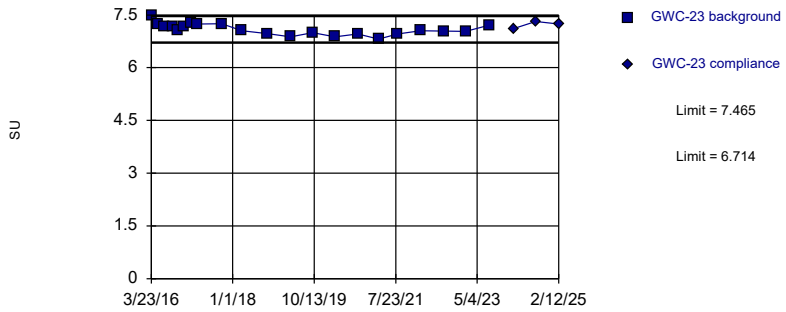
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=7.09, Std. Dev.=0.1617, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.963, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH, Field Analysis Run 6/10/2025 3:28 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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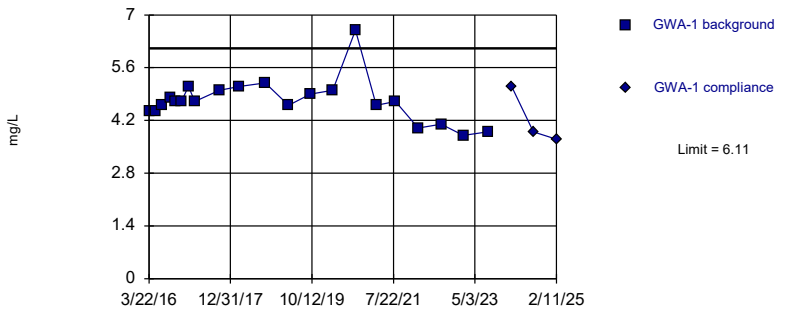
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=2.167, Std. Dev.=0.1313, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8914, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 6/10/2025 3:28 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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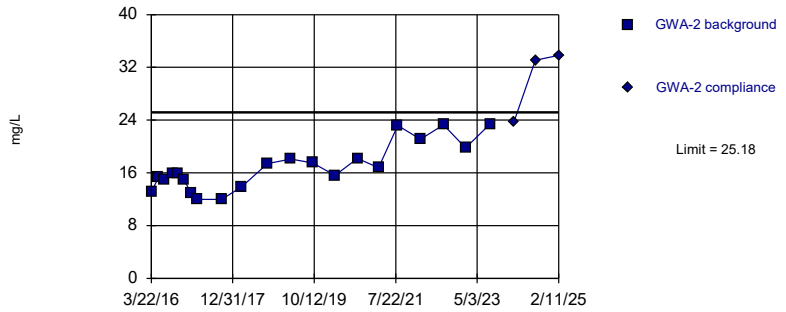
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=16.94, Std. Dev.=3.554, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9298, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 6/10/2025 3:28 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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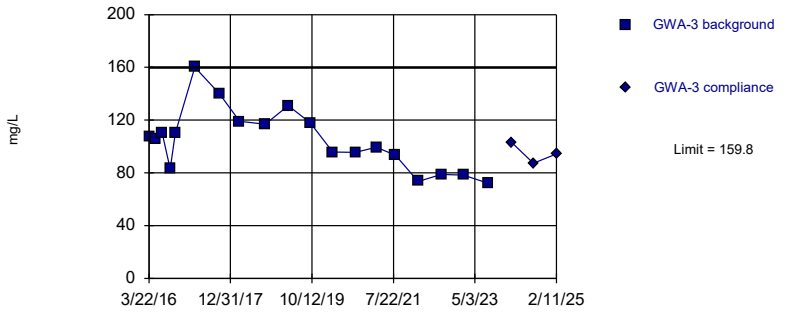
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=104.7, Std. Dev.=23.29, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9556, critical = 0.901. Kappa = 2.368 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 6/10/2025 3:28 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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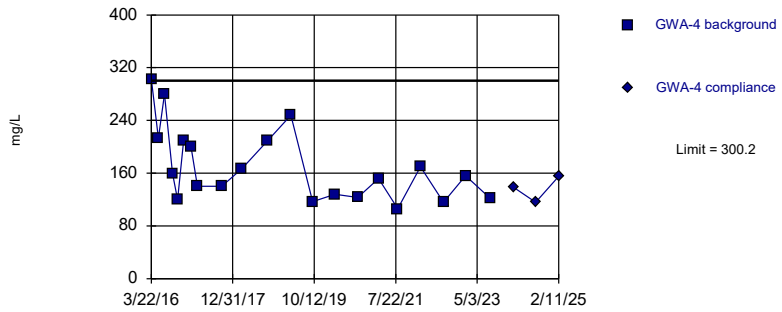
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=170.4, Std. Dev.=55.94, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8906, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 6/10/2025 3:28 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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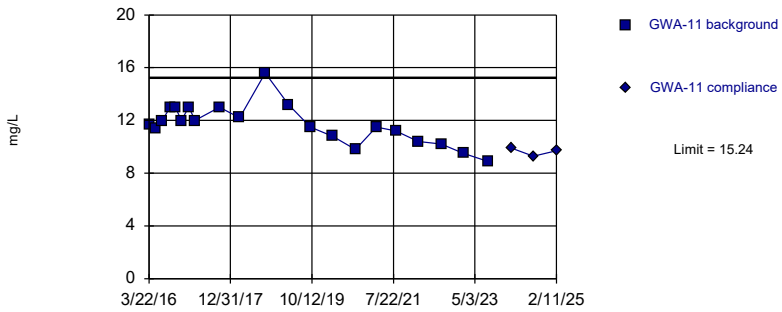
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=11.71, Std. Dev.=1.52, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9612, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 6/10/2025 3:28 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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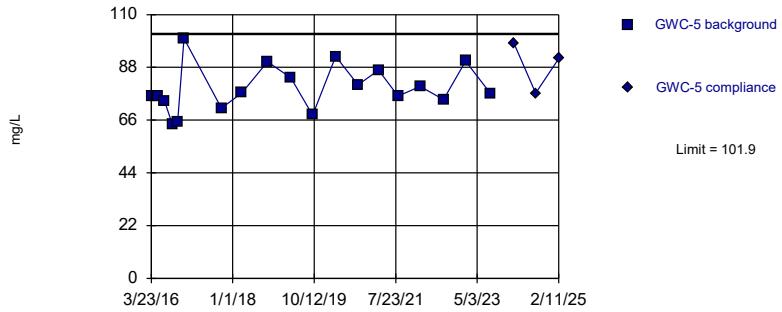
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=79.18, Std. Dev.=9.587, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9644, critical = 0.901. Kappa = 2.368 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 6/10/2025 3:28 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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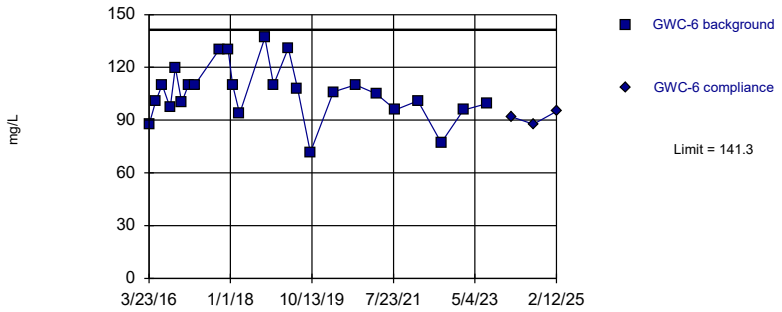
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=105.9, Std. Dev.=15.76, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9536, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 6/10/2025 3:28 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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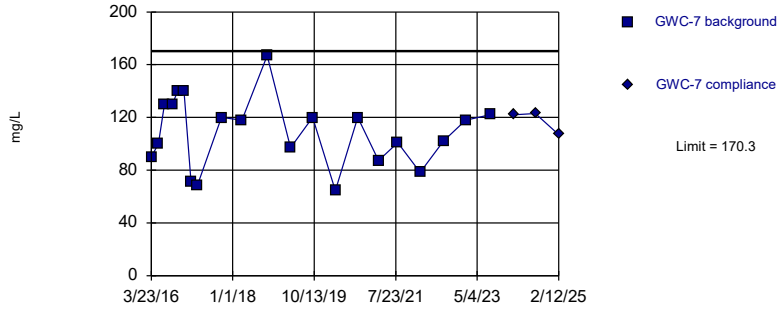
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=108.8, Std. Dev.=26.51, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9673, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 6/10/2025 3:28 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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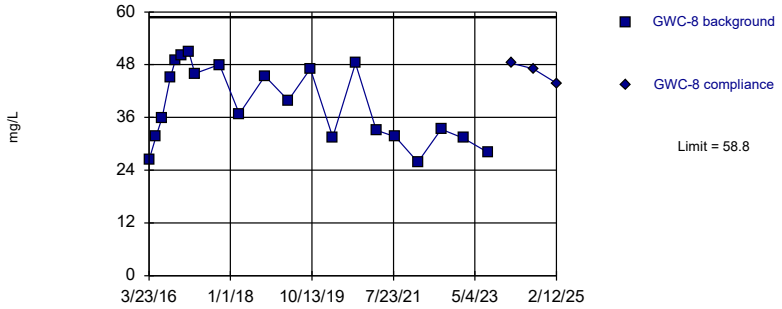
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=38.82, Std. Dev.=8.608, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9004, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 6/10/2025 3:28 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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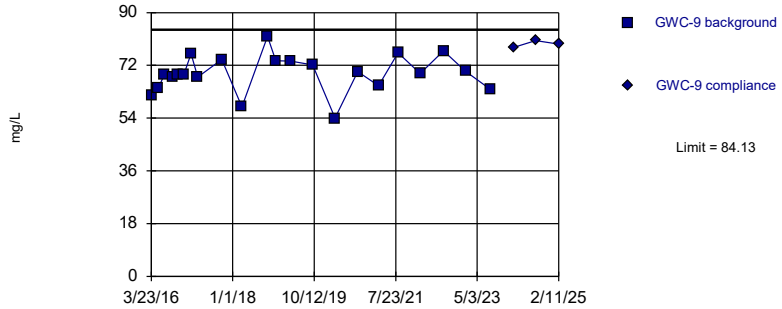
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=69.25, Std. Dev.=6.462, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9723, critical = 0.878. Kappa = 2.303 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 6/10/2025 3:28 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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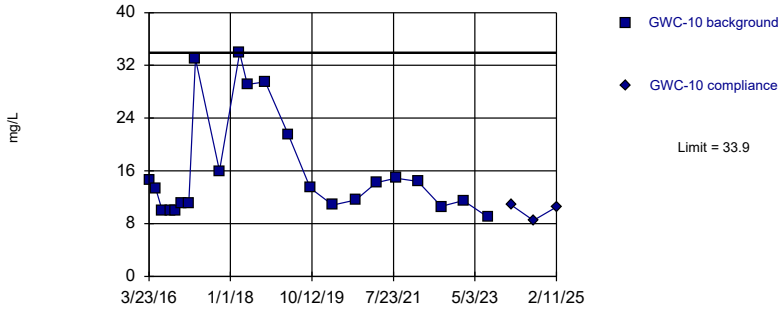
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 22 background values. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Sulfate Analysis Run 6/10/2025 3:28 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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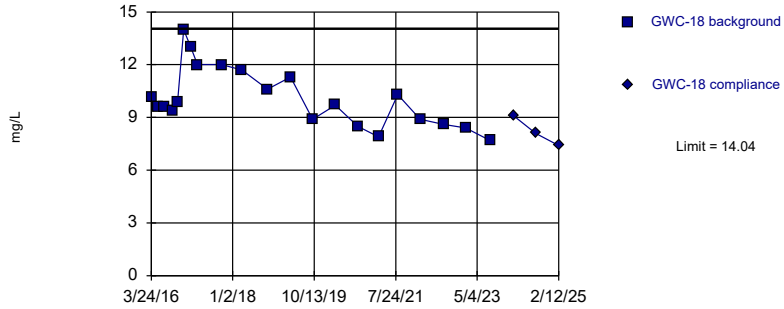
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=10.1, Std. Dev.=1.696, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9496, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 6/10/2025 3:28 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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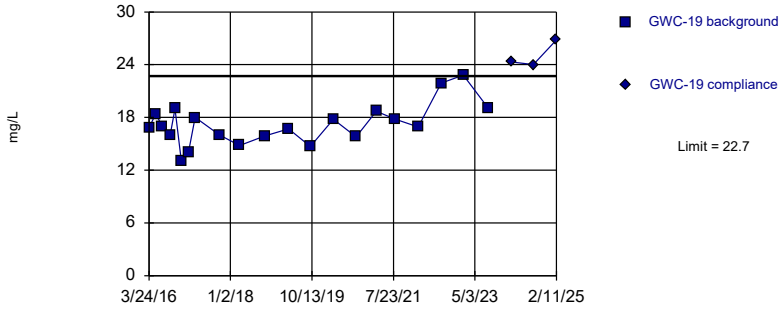
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=17.2, Std. Dev.=2.369, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9577, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 6/10/2025 3:28 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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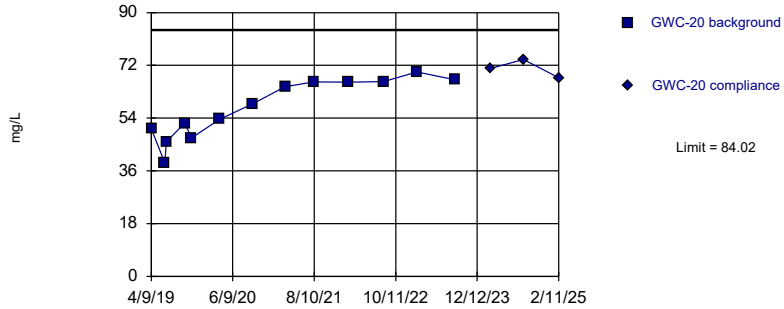
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=57.53, Std. Dev.=10.08, n=13. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9043, critical = 0.866. Kappa = 2.629 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 6/10/2025 3:28 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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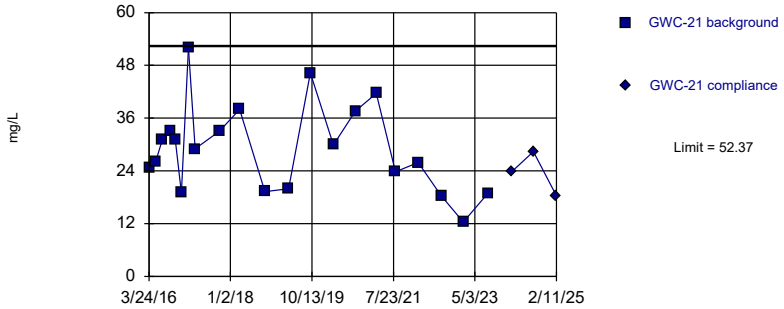
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=29.09, Std. Dev.=10.03, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9641, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 6/10/2025 3:28 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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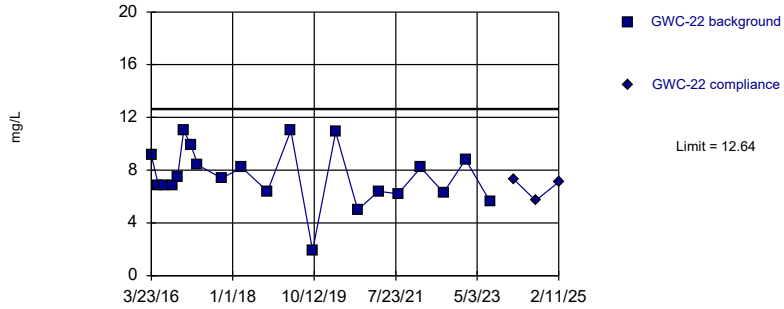
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=7.557, Std. Dev.=2.191, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9467, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 6/10/2025 3:28 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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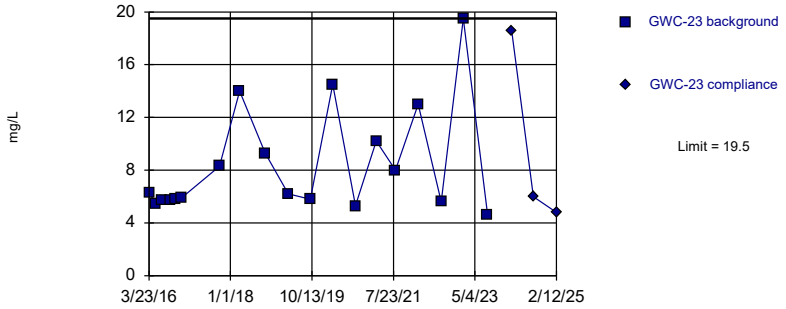
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.05 alpha level. Limit is highest of 19 background values. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Sulfate Analysis Run 6/10/2025 3:28 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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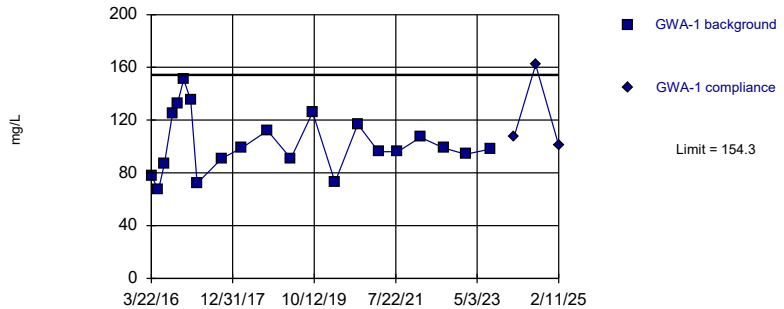
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=102.2, Std. Dev.=22.45, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9625, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: TDS Analysis Run 6/10/2025 3:28 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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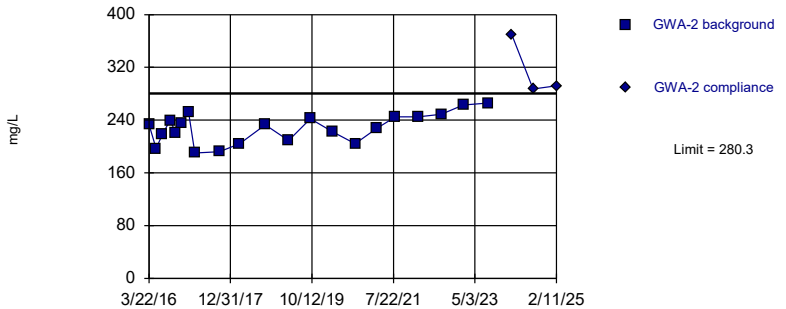
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=228, Std. Dev.=22.53, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9659, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: TDS Analysis Run 6/10/2025 3:28 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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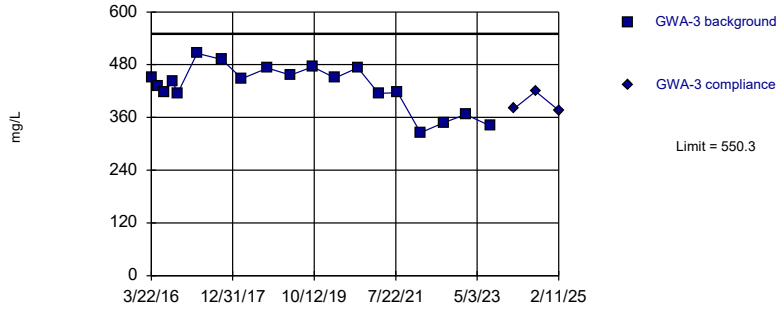
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=428.5, Std. Dev.=51.45, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9299, critical = 0.901. Kappa = 2.368 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: TDS Analysis Run 6/10/2025 3:28 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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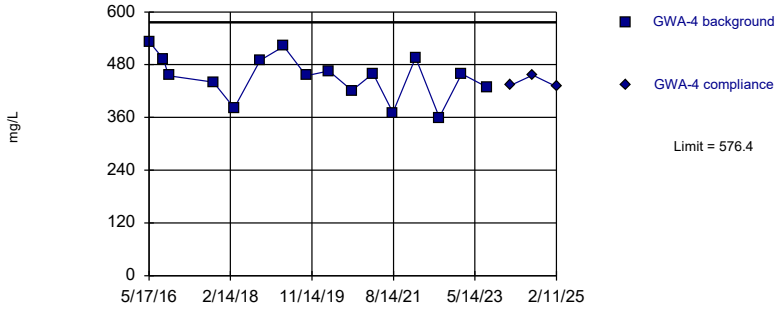
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=451.9, Std. Dev.=50.69, n=16. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9554, critical = 0.887. Kappa = 2.456 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: TDS Analysis Run 6/10/2025 3:28 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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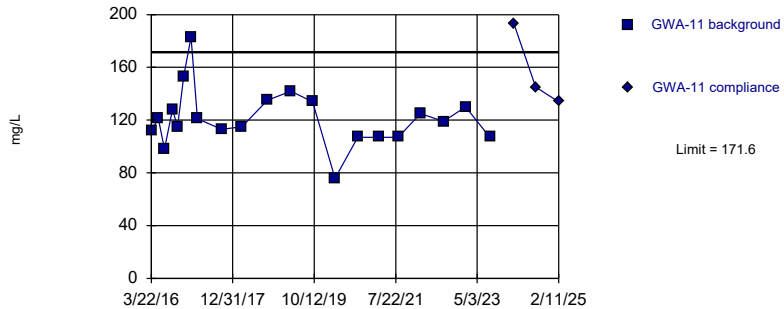
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=121.3, Std. Dev.=21.65, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9273, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: TDS Analysis Run 6/10/2025 3:28 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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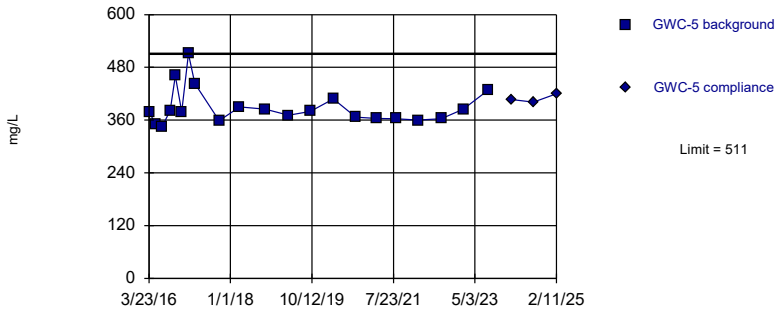
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: TDS Analysis Run 6/10/2025 3:28 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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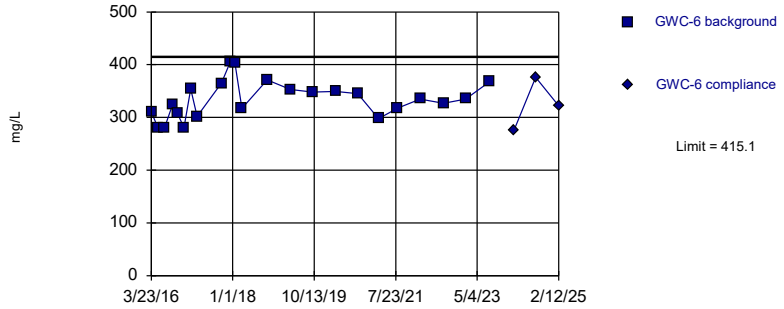
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=333.8, Std. Dev.=35.57, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9622, critical = 0.881. Kappa = 2.285 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: TDS Analysis Run 6/10/2025 3:28 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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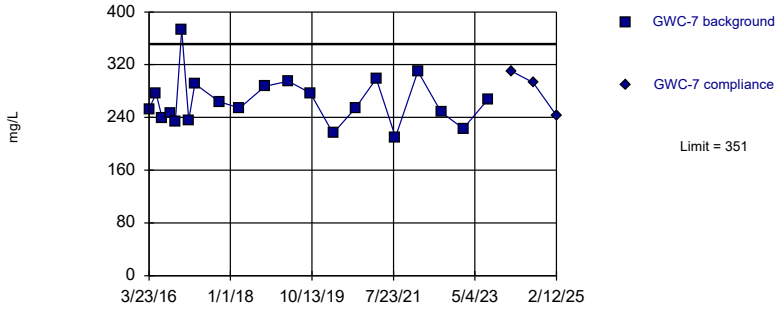
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=264.4, Std. Dev.=37.35, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9309, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: TDS Analysis Run 6/10/2025 3:28 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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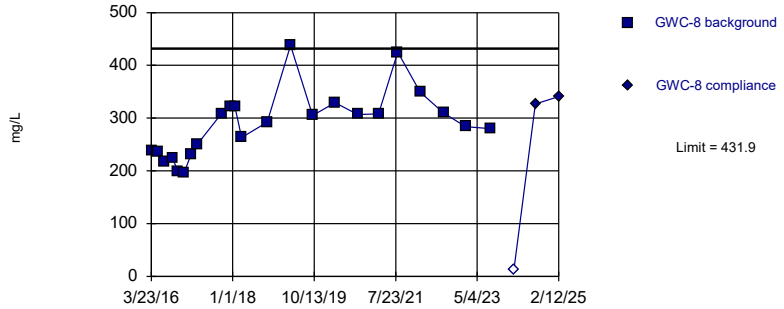
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=288.6, Std. Dev.=62.72, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9319, critical = 0.881. Kappa = 2.285 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: TDS Analysis Run 6/10/2025 3:28 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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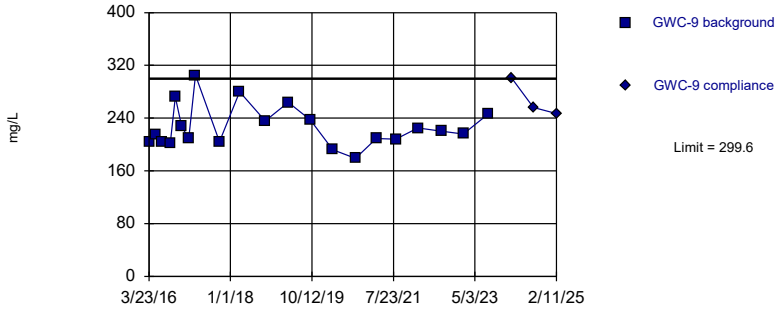
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=226.3, Std. Dev.=31.57, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9132, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: TDS Analysis Run 6/10/2025 3:28 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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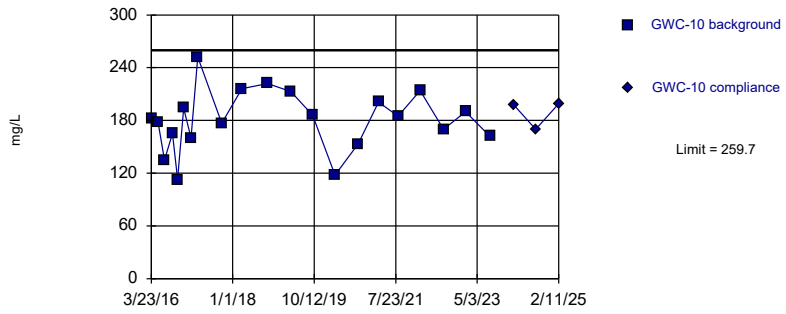
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=180.3, Std. Dev.=34.23, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9801, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: TDS Analysis Run 6/10/2025 3:28 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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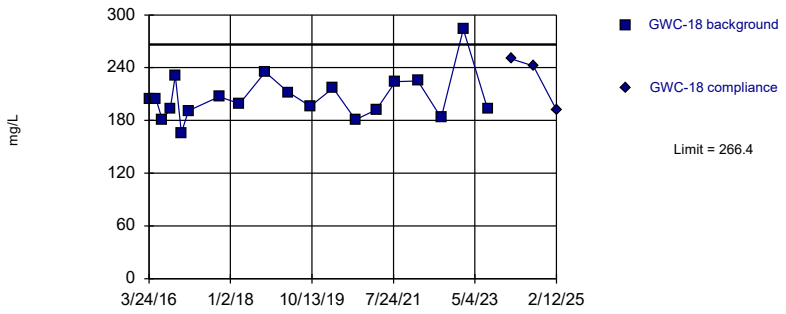
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=206, Std. Dev.=25.84, n=20. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9034, critical = 0.868. Kappa = 2.338 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: TDS Analysis Run 6/10/2025 3:28 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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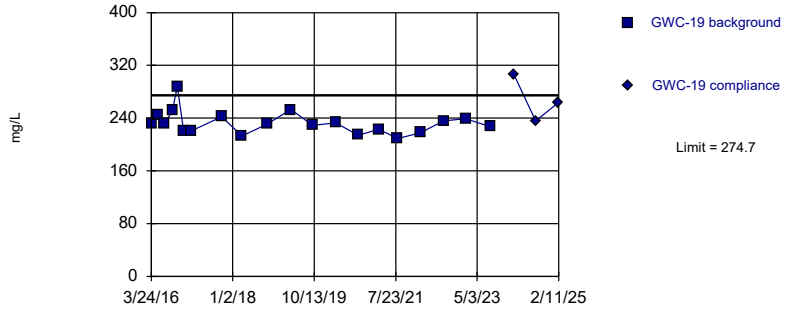
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=232.8, Std. Dev.=17.94, n=20. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8889, critical = 0.868. Kappa = 2.338 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: TDS Analysis Run 6/10/2025 3:29 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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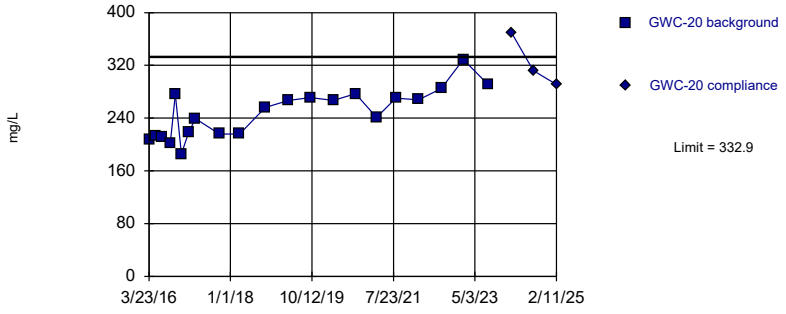
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=248, Std. Dev.=36.6, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9473, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: TDS Analysis Run 6/10/2025 3:29 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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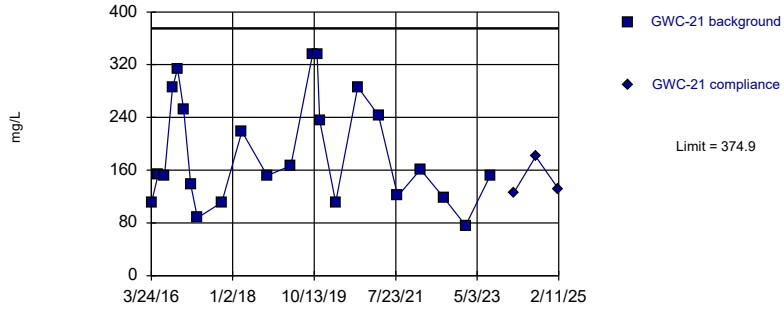
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=187.7, Std. Dev.=81.93, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9052, critical = 0.881. Kappa = 2.285 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: TDS Analysis Run 6/10/2025 3:29 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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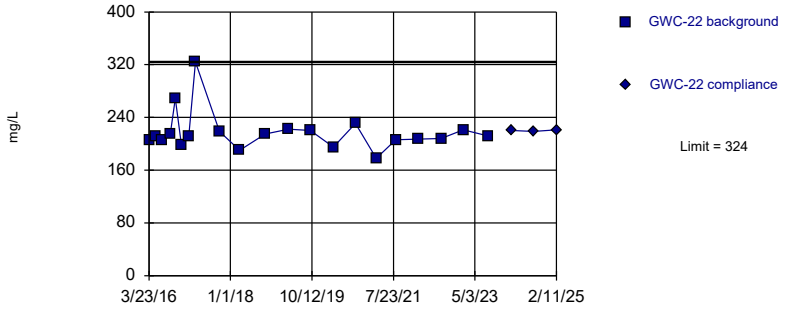
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: TDS Analysis Run 6/10/2025 3:29 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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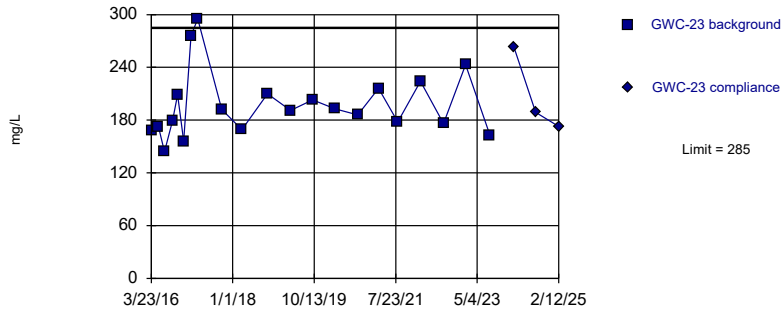
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=197.3, Std. Dev.=37.79, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9036, critical = 0.873. Kappa = 2.32 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: TDS Analysis Run 6/10/2025 3:29 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1	GWA-1
3/22/2016	<0.04	
5/17/2016	<0.04	
7/5/2016	0.0419 (J)	
9/7/2016	0.0174 (J)	
10/18/2016	0.0192 (J)	
12/6/2016	0.0182 (J)	
1/31/2017	0.0193 (J)	
3/23/2017	0.0192 (J)	
10/4/2017	0.0199 (J)	
3/14/2018	0.019 (J)	
10/4/2018	0.021 (J)	
4/8/2019	0.019 (J)	
9/30/2019	0.025 (J)	
3/26/2020	0.022 (J)	
9/23/2020	0.047 (J)	
3/8/2021	0.021 (J)	
8/9/2021	0.021 (J)	
2/4/2022	0.018 (J)	
8/8/2022	0.026 (J)	
1/30/2023	0.026 (J)	
8/14/2023	0.049	
2/19/2024		0.03 (J)
8/11/2024		<0.04
2/11/2025		0.019 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-2	GWA-2
3/22/2016	0.0828 (J)	
5/17/2016	0.0844 (J)	
7/5/2016	0.0962 (J)	
9/7/2016	0.0884 (J)	
10/18/2016	0.0889 (J)	
12/7/2016	0.0954	
1/31/2017	0.0939	
3/23/2017	0.0869	
10/4/2017	0.0914	
3/14/2018	0.075	
10/4/2018	0.082	
4/8/2019	0.071 (J)	
9/30/2019	0.084	
3/26/2020	0.092 (J)	
9/21/2020	0.086 (J)	
3/9/2021	0.081	
8/9/2021	0.085	
2/4/2022	0.083	
8/8/2022	0.087	
1/30/2023	0.086	
8/14/2023	0.097	
2/19/2024		0.083
8/10/2024		0.072
2/11/2025		0.094

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-3	GWA-3
3/22/2016	0.135	
5/17/2016	0.132	
7/5/2016	0.161	
9/7/2016	0.163	
10/18/2016	0.154	
12/6/2016	0.142	
2/1/2017	0.143	
3/23/2017	0.15	
10/4/2017	0.182	
3/15/2018	0.14	
10/4/2018	0.16	
4/5/2019	0.12	
9/30/2019	0.17	
3/26/2020	0.14	
9/23/2020	0.15	
3/8/2021	0.13	
8/9/2021	0.14	
2/4/2022	0.094	
8/8/2022	0.15	
1/30/2023	0.094	
8/14/2023	0.15	
2/19/2024		0.082
8/11/2024		0.13
2/11/2025		0.11

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-4	GWA-4
3/22/2016	0.0815 (J)	
5/17/2016	0.0838 (J)	
7/6/2016	0.111	
9/7/2016	0.107	
10/18/2016	0.118	
12/6/2016	0.106	
2/1/2017	0.0949	
3/24/2017	0.0887	
10/4/2017	0.105	
3/15/2018	0.043	
10/4/2018	0.1	
4/8/2019	0.057 (J)	
9/30/2019	0.11	
3/26/2020	0.086 (J)	
9/23/2020	0.087 (J)	
3/8/2021	0.089	
8/9/2021	0.073	
2/4/2022	0.06	
8/8/2022	0.077	
1/30/2023	0.058	
8/14/2023	0.082	
2/19/2024		0.059
8/11/2024		0.074
2/11/2025		0.044

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-11	GWA-11
3/22/2016	0.04 (J)	
5/17/2016	0.0358 (J)	
7/6/2016	0.0373 (J)	
9/7/2016	0.0352 (J)	
10/18/2016	0.0332 (J)	
12/6/2016	0.033 (J)	
2/1/2017	0.0365 (J)	
3/24/2017	0.0343 (J)	
10/5/2017	0.0325 (J)	
3/15/2018	0.037 (J)	
10/4/2018	0.035 (J)	
4/8/2019	0.034 (J)	
9/30/2019	0.039 (J)	
3/26/2020	0.041 (J)	
9/22/2020	0.038 (J)	
3/8/2021	0.042	
8/10/2021	0.034 (J)	
2/4/2022	0.037 (J)	
8/8/2022	0.035 (J)	
1/30/2023	0.038 (J)	
8/14/2023	0.038 (J)	
2/19/2024		0.028 (J)
8/11/2024		0.045
2/11/2025		0.039 (J)

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-5	GWC-5
3/23/2016	0.0509 (J)	
5/17/2016	0.0565 (J)	
7/6/2016	0.0628 (J)	
9/7/2016	0.0648 (J)	
10/18/2016	0.0666 (J)	
12/8/2016	0.062	
2/1/2017	0.0516	
3/23/2017	0.0597	
10/4/2017	0.0658	
3/16/2018	0.047	
10/4/2018	0.066	
4/9/2019	0.048	
10/1/2019	0.071	
3/31/2020	0.057 (J)	
9/25/2020	0.08 (J)	
3/9/2021	0.046	
8/10/2021	0.056	
2/4/2022	0.04	
8/9/2022	0.058	
1/31/2023	0.043	
8/15/2023	0.06	
2/20/2024		0.031 (J)
8/12/2024		0.09
2/11/2025		0.046

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	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 (J)	
9/25/2020	0.047 (J)	
3/9/2021	0.038 (J)	
8/10/2021	0.037 (J)	
2/4/2022	0.039 (J)	
8/8/2022	0.038 (J)	
1/31/2023	0.037 (J)	
8/14/2023	0.039 (J)	
2/21/2024		0.04
8/12/2024		0.053
2/12/2025		0.044

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-7	GWC-7
3/23/2016	0.0574 (J)	
5/18/2016	0.0686 (J)	
7/6/2016	0.0675 (J)	
9/7/2016	0.0582 (J)	
10/18/2016	0.0577 (J)	
12/8/2016	0.0572	
2/2/2017	0.0534	
3/24/2017	0.0532	
10/4/2017	0.0563	
3/15/2018	0.053	
10/4/2018	0.048	
4/8/2019	0.049 (J)	
10/1/2019	0.05	
3/30/2020	0.049 (J)	
9/24/2020	0.045 (J)	
3/9/2021	0.041	
8/10/2021	0.037 (J)	
2/4/2022	0.055	
8/10/2022	0.046	
1/31/2023	0.025 (J)	
8/15/2023	0.03 (J)	
2/21/2024		0.027 (J)
8/11/2024		0.035 (J)
2/12/2025		0.026 (J)

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	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 (J)	
9/24/2020	0.055 (J)	
3/9/2021	0.05	
8/10/2021	0.088	
2/4/2022	0.055	
8/9/2022	0.043	
1/31/2023	0.029 (J)	
8/15/2023	0.031 (J)	
2/21/2024		0.032 (J)
8/11/2024		0.035 (J)
2/12/2025		0.042

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-9
3/23/2016	<0.04	
5/18/2016	0.0202 (J)	
7/6/2016	0.0171 (J)	
9/8/2016	0.0157 (J)	
10/19/2016	0.0152 (J)	
12/8/2016	0.0178 (J)	
2/2/2017	0.0151 (J)	
3/27/2017	0.0203 (J)	
10/5/2017	0.0157 (J)	
3/15/2018	0.013 (J)	
10/5/2018	0.017 (J)	
4/8/2019	0.015 (J)	
10/1/2019	0.018 (J)	
3/27/2020	0.018 (J)	
9/24/2020	0.016 (J)	
3/9/2021	0.014 (J)	
8/10/2021	0.012 (J)	
2/4/2022	0.013 (J)	
8/9/2022	0.014 (J)	
1/31/2023	0.012 (J)	
8/15/2023	0.022 (J)	
2/20/2024		<0.04
8/11/2024		0.017 (J)
2/11/2025		0.017 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	GWC-10
3/23/2016	0.0354 (J)	
5/17/2016	0.0349 (J)	
7/6/2016	0.0308 (J)	
9/7/2016	0.0283 (J)	
10/18/2016	0.0292 (J)	
12/6/2016	0.0287 (J)	
2/2/2017	0.0334 (J)	
3/27/2017	0.0396 (J)	
10/5/2017	0.0294 (J)	
3/15/2018	0.038 (J)	
10/4/2018	0.038 (J)	
4/9/2019	0.035 (J)	
10/1/2019	0.031 (J)	
3/27/2020	0.04 (J)	
9/25/2020	0.036 (J)	
3/9/2021	0.037 (J)	
8/10/2021	0.033 (J)	
2/4/2022	0.037 (J)	
8/9/2022	0.031 (J)	
1/30/2023	0.038 (J)	
8/14/2023	0.032 (J)	
2/19/2024		0.028 (J)
8/11/2024		0.032 (J)
2/11/2025		0.041

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-18	GWC-18
3/24/2016	0.122	
5/18/2016	0.139	
7/7/2016	0.12	
9/8/2016	0.126	
10/19/2016	0.133	
12/8/2016	0.119	
2/2/2017	0.132	
3/27/2017	0.134	
10/5/2017	0.125	
3/16/2018	0.12	
10/5/2018	0.15	
4/9/2019	0.12	
10/1/2019	0.14	
3/30/2020	0.13	
9/24/2020	0.13	
3/9/2021	0.13	
8/10/2021	0.14	
2/4/2022	0.12	
8/9/2022	0.12	
1/31/2023	0.12	
8/15/2023	0.14	
2/20/2024		0.12
8/12/2024		0.14
2/12/2025		0.14

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-19	GWC-19
3/24/2016	0.173	
5/18/2016	0.186	
7/6/2016	0.184	
9/8/2016	0.173	
10/18/2016	0.171	
12/7/2016	0.203	
2/2/2017	0.187	
3/27/2017	0.182	
10/5/2017	0.166	
3/15/2018	0.17	
10/4/2018	0.17	
4/9/2019	0.17	
10/1/2019	0.17	
3/31/2020	0.18	
9/28/2020	0.17	
3/10/2021	0.16	
8/10/2021	0.14	
2/7/2022	0.15	
8/9/2022	0.14	
1/31/2023	0.13	
8/15/2023	0.16	
2/20/2024		0.14
8/12/2024		0.16
2/11/2025		0.16

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-20	GWC-20
3/23/2016	<0.04	
5/18/2016	0.0229 (J)	
7/7/2016	0.0169 (J)	
9/8/2016	0.0178 (J)	
10/19/2016	0.018 (J)	
12/7/2016	0.0248 (J)	
2/3/2017	0.0171 (J)	
3/27/2017	0.0181 (J)	
10/5/2017	0.0178 (J)	
3/16/2018	0.016 (J)	
10/5/2018	0.017 (J)	
4/9/2019	0.011 (J)	
10/1/2019	0.019 (J)	
3/31/2020	0.024 (J)	
9/23/2020	0.018 (J)	
3/10/2021	0.018 (J)	
8/10/2021	0.013 (J)	
2/7/2022	0.015 (J)	
8/9/2022	0.015 (J)	
1/31/2023	0.015 (J)	
8/15/2023	0.019 (J)	
2/20/2024		<0.04
8/11/2024		0.018 (J)
2/11/2025		0.018 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-21	GWC-21
3/24/2016	0.0232 (J)	
5/18/2016	0.0289 (J)	
7/7/2016	0.0313 (J)	
9/8/2016	0.0593 (J)	
10/19/2016	0.087 (J)	
12/7/2016	0.127	
2/2/2017	0.0318 (J)	
3/27/2017	0.0225 (J)	
10/5/2017	0.0304 (J)	
3/15/2018	0.025 (J)	
10/4/2018	0.029 (J)	
4/9/2019	0.014 (J)	
10/1/2019	0.059	
3/31/2020	0.022 (J)	
9/24/2020	0.061 (J)	
3/9/2021	0.03 (J)	
8/10/2021	0.026 (J)	
2/7/2022	0.018 (J)	
8/9/2022	0.029 (J)	
1/31/2023	0.013 (J)	
8/15/2023	0.03 (J)	
2/20/2024		0.025 (J)
8/11/2024		0.038 (J)
2/11/2025		0.021 (J)

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-22	GWC-22
3/23/2016	0.0649 (J)	
5/18/2016	0.0781 (J)	
7/7/2016	0.0621 (J)	
9/8/2016	0.0607 (J)	
10/19/2016	0.0733 (J)	
12/7/2016	0.0758	
2/2/2017	0.0729	
3/27/2017	0.0698	
10/5/2017	0.0677	
3/15/2018	0.07	
10/4/2018	0.065	
4/9/2019	0.063	
10/1/2019	0.066	
3/31/2020	0.067 (J)	
9/23/2020	0.061 (J)	
3/9/2021	0.065	
8/10/2021	0.057	
2/7/2022	0.064	
8/9/2022	0.059	
1/31/2023	0.052	
8/15/2023	0.068	
2/20/2024		0.066
8/11/2024		0.067
2/11/2025		0.069

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-23	GWC-23
3/23/2016	<0.1	
5/19/2016	0.0212 (J)	
7/7/2016	0.0183 (J)	
9/8/2016	0.017 (J)	
10/19/2016	0.0203 (J)	
12/7/2016	0.0215 (J)	
2/3/2017	0.0812	
3/27/2017	0.125 (o)	
10/5/2017	0.0375 (J)	
3/15/2018	0.051	
10/5/2018	0.039 (J)	
4/8/2019	0.022 (J)	
10/1/2019	0.024 (J)	
3/26/2020	0.042 (J)	
9/23/2020	0.024 (J)	
3/9/2021	0.044	
8/10/2021	0.027 (J)	
2/7/2022	0.052	
8/8/2022	0.022 (J)	
1/31/2023	0.06	
8/14/2023	0.019 (J)	
2/20/2024		0.048
8/12/2024		0.028 (J)
2/12/2025		0.019 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	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	
8/9/2021	20.2	
2/4/2022	18.3	
8/8/2022	17.2	
1/30/2023	15.8	
8/14/2023	17.2	
2/19/2024		17.9
8/11/2024		19.3
2/11/2025		14.1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-2	GWA-2
3/22/2016	47.4	
5/17/2016	45.5	
7/5/2016	40.5	
9/7/2016	37.3	
10/18/2016	46.6	
12/7/2016	43.5	
1/31/2017	39.2	
3/23/2017	38.7	
10/4/2017	36.5	
3/14/2018	39.5	
10/4/2018	41.7	
4/8/2019	44.1	
9/30/2019	44.6	
3/26/2020	43.2	
9/21/2020	45.8	
3/9/2021	48.7	
8/9/2021	49.9	
2/4/2022	57.6	
8/8/2022	51.2	
1/30/2023	46.8	
8/14/2023	53.1	
2/19/2024		54
8/10/2024		59.2
2/11/2025		57.2

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	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	
8/8/2022	61	
1/30/2023	53.1	
8/14/2023	57.2	
2/19/2024		59
8/11/2024		69.4
2/11/2025		65.7

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-4	GWA-4
3/22/2016	123	
5/17/2016	99.2	
7/6/2016	109	
9/7/2016	67.2	
10/18/2016	77.9	
12/6/2016	93.3	
2/1/2017	92.8	
3/24/2017	96.3	
10/4/2017	75.1	
3/15/2018	69.9	
10/4/2018	77.8	
4/8/2019	86.6	
9/30/2019	78.3	
3/26/2020	87.4	
9/23/2020	74.9	
3/8/2021	87.2	
8/9/2021	69.7	
2/4/2022	97.3	
8/8/2022	68.9	
1/30/2023	73.6	
8/14/2023	73.5	
2/19/2024		81.3
8/11/2024		83
2/11/2025		76

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-11	GWA-11
3/22/2016	23.8	
5/17/2016	21.5	
7/6/2016	20.6	
9/7/2016	16.7	
10/18/2016	20.3	
12/6/2016	19.7	
2/1/2017	18.1	
3/24/2017	21.1	
10/5/2017	20.1	
3/15/2018	<25	
10/4/2018	21.3 (J)	
4/8/2019	22.4	
9/30/2019	19.6	
3/26/2020	22.4	
9/22/2020	19.5	
3/8/2021	22	
8/10/2021	20.8	
2/4/2022	23.7	
8/8/2022	21.1	
1/30/2023	20.4	
8/14/2023	21.8	
2/19/2024		21.4
8/11/2024		20.8
2/11/2025		21

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-5	GWC-5
3/23/2016	79	
5/17/2016	74.6	
7/6/2016	66.9	
9/7/2016	61.6	
10/18/2016	71.6	
12/8/2016	67.6	
2/1/2017	82.5	
3/23/2017	84.4	
10/4/2017	70.8	
3/16/2018	78.1	
10/4/2018	73	
4/9/2019	73.9	
10/1/2019	70.6	
3/31/2020	84.2	
9/25/2020	77.1	
3/9/2021	85.4	
8/10/2021	78.3	
2/4/2022	79.5	
8/9/2022	76.6	
1/31/2023	75.5	
8/15/2023	75.8	
2/20/2024		78.7
8/12/2024		80.8
2/11/2025		75.5

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-6	GWC-6
3/23/2016	64.1	
5/17/2016	62.8	
7/6/2016	59.5	
9/7/2016	53.7	
10/18/2016	62.3	
12/8/2016	58.8	
2/1/2017	59.6	
3/23/2017	62.9	
10/4/2017	62.4	
3/16/2018	66.9	
10/4/2018	65.5	
4/8/2019	67	
10/1/2019	64.2	
3/31/2020	70.6	
9/25/2020	71.3	
3/9/2021	70.8	
8/10/2021	67.7	
2/4/2022	71.2	
8/8/2022	70.5	
1/31/2023	62.5	
8/14/2023	69.1	
2/21/2024		66.7
8/12/2024		70.8
2/12/2025		69.3

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-7	GWC-7
3/31/2008	57	
3/23/2016	45.2	
5/18/2016	46.5	
7/6/2016	29.1	
9/7/2016	19.2	
10/18/2016	22.6	
12/8/2016	17.5	
2/2/2017	54.4	
3/24/2017	56.8	
10/4/2017	30.5	
3/15/2018	43.4	
10/4/2018	26.1	
4/8/2019	56.1	
10/1/2019	28.5	
3/30/2020	47.8	
9/24/2020	39.5	
3/9/2021	64.3	
8/10/2021	40.5	
2/4/2022	68.3	
8/10/2022	33.3	
1/31/2023	19	
8/15/2023	18.4	
2/21/2024		16.5
8/11/2024		19.7
2/12/2025		18.5

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-8	GWC-8
3/31/2008	67	
3/23/2016	69.1	
5/18/2016	63.7	
7/6/2016	56.8	
9/8/2016	51.3	
10/18/2016	52.6	
12/8/2016	43.7	
2/2/2017	56.5	
3/24/2017	64.4	
10/5/2017	59.9	
3/14/2018	58.8	
10/4/2018	264 (O)	
12/11/2018	64.3	
4/8/2019	81.5	
6/18/2019	83.7	
6/27/2019	75.9	
10/1/2019	64	
3/27/2020	87.3	
9/24/2020	81.4	
3/9/2021	83.2	
8/10/2021	111	
2/4/2022	92.6	
8/9/2022	83.8	
1/31/2023	69.2	
8/15/2023	70.5	
2/21/2024		77.4
8/11/2024		77.3
2/12/2025		91.8

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-9
3/23/2016	36	
5/18/2016	37.3	
7/6/2016	32.8	
9/8/2016	32.1	
10/19/2016	35	
12/8/2016	33.4	
2/2/2017	34.3	
3/27/2017	34.9	
10/5/2017	34.7	
3/15/2018	35.3	
10/5/2018	37.8	
4/8/2019	36.3	
10/1/2019	37.2	
3/27/2020	34.3	
9/24/2020	35.9	
3/9/2021	36.8	
8/10/2021	38.1	
2/4/2022	39.8	
8/9/2022	38.6	
1/31/2023	34.1	
8/15/2023	37.6	
2/20/2024		38.9
8/11/2024		40.1
2/11/2025		40.9

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	GWC-10
3/23/2016	43.9	
5/17/2016	40.1	
7/6/2016	32.3	
9/7/2016	28.9	
10/18/2016	35.4	
12/6/2016	34.3	
2/2/2017	38.1	
3/27/2017	45.4	
10/5/2017	35.8	
3/15/2018	52.4	
5/15/2018	48.4	
10/4/2018	51.2	
12/11/2018	49.3	
4/9/2019	48.8	
10/1/2019	36.8	
3/27/2020	22.9	
9/25/2020	39.4	
3/9/2021	48.7	
8/10/2021	45.5	
2/4/2022	52.8	
8/9/2022	43.9	
1/30/2023	43.7	
8/14/2023	39.8	
2/19/2024		44.8
8/11/2024		39.8
2/11/2025		46.2

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	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 (M1)	
3/9/2021	44.9	
8/10/2021	48.2	
2/4/2022	56.1	
8/9/2022	44.4	
1/31/2023	40.4	
8/15/2023	41	
2/20/2024		42.4
8/12/2024		43.3
2/12/2025		43.6

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	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 (M1)	
9/28/2020	44.7	
3/10/2021	47.4	
8/10/2021	44.9	
2/7/2022	49	
8/9/2022	48.7	
1/31/2023	42.5	
8/15/2023	44.6	
2/20/2024		47.5
8/12/2024		48.1
2/11/2025		48.6

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	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	
9/23/2020	55.8	
3/10/2021	64.9	
8/10/2021	62	
2/7/2022	68.7	
8/9/2022	66.3	
1/31/2023	62	
8/15/2023	63.5	
2/20/2024		67.1
8/11/2024		67.3
2/11/2025		63.9

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-21	GWC-21
3/31/2008	46	
3/24/2016	31.4	
5/18/2016	39.2	
7/7/2016	36	
9/8/2016	70	
10/19/2016	63	
12/7/2016	54.7	
2/2/2017	37.4	
3/27/2017	20.9	
10/5/2017	26.8	
3/15/2018	62.8	
10/4/2018	48.6	
4/9/2019	35.4	
10/1/2019	82.8	
11/6/2019	74.9	
11/26/2019	45.8	
3/31/2020	25.6	
9/24/2020	73.4	
3/9/2021	67.8	
8/10/2021	29.7	
2/7/2022	39.7	
8/9/2022	30.2	
1/31/2023	16.2	
8/15/2023	31.5	
2/20/2024		22.5
8/11/2024		40.9
2/11/2025		28.1

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-22	GWC-22
3/23/2016	49.9	
5/18/2016	50.7	
7/7/2016	45.5	
9/8/2016	46.8	
10/19/2016	47.3	
12/7/2016	45.3	
2/2/2017	49.9	
3/27/2017	45.8	
10/5/2017	47.3	
3/15/2018	46.8	
10/4/2018	50.4	
4/9/2019	47.3	
10/1/2019	46.9	
3/31/2020	51.5	
9/23/2020	45.9	
3/9/2021	48.7	
8/10/2021	48.1	
2/7/2022	52.6	
8/9/2022	51.3	
1/31/2023	43.8	
8/15/2023	47.3	
2/20/2024		46.8
8/11/2024		51.8
2/11/2025		50.1

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-23	GWC-23
3/31/2008	36	
3/23/2016	36.4	
5/19/2016	41.5	
7/7/2016	33.5	
9/8/2016	34.7	
10/19/2016	33.4	
12/7/2016	35.5	
2/3/2017	31.7	
3/27/2017	32	
10/5/2017	41	
3/15/2018	39.8	
10/5/2018	39.3	
4/8/2019	39.8	
10/1/2019	39.1	
3/26/2020	44.7	
9/23/2020	39.2	
3/9/2021	54.3	
8/10/2021	48.2	
2/7/2022	64.9	
8/8/2022	40.6	
1/31/2023	58.3	
8/14/2023	40.7	
2/20/2024		53.7
8/12/2024		47.3
2/12/2025		42.8

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1	GWA-1
3/22/2016	1.1933	
5/17/2016	1.14	
7/5/2016	1.4	
9/7/2016	1	
10/18/2016	1.1	
12/6/2016	1	
1/31/2017	1.2	
3/23/2017	1.1	
10/4/2017	1.1	
3/14/2018	1.2	
10/4/2018	1.4	
4/8/2019	1.1	
9/30/2019	1.4	
3/26/2020	1.1	
9/23/2020	1.6	
3/8/2021	1.1	
8/9/2021	1.1	
2/4/2022	0.99 (J)	
8/8/2022	1.2	
1/30/2023	1.1	
8/14/2023	0.99 (J)	
2/19/2024		1.2
8/11/2024		1.1
2/11/2025		1.3

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-2	GWA-2
3/22/2016	2.0975	
5/17/2016	2.1	
7/5/2016	2.4	
9/7/2016	2.5	
10/18/2016	2.7	
12/7/2016	2.6	
1/31/2017	2.5	
3/23/2017	2	
10/4/2017	2.2	
3/14/2018	2.4	
10/4/2018	2.5	
4/8/2019	2.6	
9/30/2019	3	
3/26/2020	2	
9/21/2020	2.1	
3/9/2021	2.1	
8/9/2021	2.4	
2/4/2022	2.3	
8/8/2022	2.5	
1/30/2023	2.2	
8/14/2023	2.2	
2/19/2024		2.3
8/10/2024		2.6
2/11/2025		2.7

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-3	GWA-3
3/22/2016	4.0352	
5/17/2016	3.81	
7/5/2016	4	
9/7/2016	4.2	
10/18/2016	4.4	
12/6/2016	4.6	
2/1/2017	3.7	
3/23/2017	3.5	
10/4/2017	3.6	
3/15/2018	3.8	
10/4/2018	3.4	
4/5/2019	4.2	
9/30/2019	4.1	
3/26/2020	2.6	
9/23/2020	2.8	
3/8/2021	2.8	
8/9/2021	2.1	
2/4/2022	1.1	
8/8/2022	1.9	
1/30/2023	1.2	
8/14/2023	1.3	
2/19/2024		1.2
8/11/2024		1.5
2/11/2025		1.3

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	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	
8/8/2022	2.4	
1/30/2023	3.4	
8/14/2023	2.5	
2/19/2024		3.6
8/11/2024		3.6
2/11/2025		2

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-11	GWA-11
3/22/2016	1.3137	
5/17/2016	1.29	
7/6/2016	1.6	
9/7/2016	1.5	
10/18/2016	1.6	
12/6/2016	1.2	
2/1/2017	2.1	
3/24/2017	1.3	
10/5/2017	1.3	
3/15/2018	1.6	
10/4/2018	1.8	
4/8/2019	1.3	
9/30/2019	1.5	
3/26/2020	1.4	
9/22/2020	1	
3/8/2021	1.3	
8/10/2021	1.2	
2/4/2022	1.2	
8/8/2022	1.3	
1/30/2023	1.2	
8/14/2023	1	
2/19/2024		1.2
8/11/2024		1.3
2/11/2025		1.3

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-5	GWC-5
3/23/2016	2.5045	
5/17/2016	2.47	
7/6/2016	2.9	
9/7/2016	2.8	
10/18/2016	2.8	
12/8/2016	3.1	
2/1/2017	3.8	
3/23/2017	3.4	
10/4/2017	3.7	
3/16/2018	3.2	
10/4/2018	3.2	
4/9/2019	3.3	
10/1/2019	2.2	
3/31/2020	2	
9/25/2020	2.3	
3/9/2021	2	
8/10/2021	2.3	
2/4/2022	1.9	
8/9/2022	2.4	
1/31/2023	2.1	
8/15/2023	2.1	
2/20/2024		2.2
8/12/2024		2.3
2/11/2025		2.7

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-6	GWC-6
3/23/2016	1.7709	
5/17/2016	1.75	
7/6/2016	2	
9/7/2016	2	
10/18/2016	2	
12/8/2016	2	
2/1/2017	2.2	
3/23/2017	2	
10/4/2017	1.7	
3/16/2018	2.1	
10/4/2018	2.2	
4/8/2019	2.1	
10/1/2019	1.6	
3/31/2020	1.5	
9/25/2020	1.6	
3/9/2021	1.5	
8/10/2021	1.6	
2/4/2022	1.6	
8/8/2022	1.9	
1/31/2023	1.7	
8/14/2023	1.6	
2/21/2024		1.7
8/12/2024		1.8
2/12/2025		1.5

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	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	
9/24/2020	1.4	
3/9/2021	1.5	
8/10/2021	1.6	
2/4/2022	1.8	
8/10/2022	1.7	
1/31/2023	1.7	
8/15/2023	1.7	
2/21/2024		1.9
8/11/2024		2
2/12/2025		1.9

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-8	GWC-8
3/23/2016	1.4936	
5/19/2016	1.35	
7/6/2016	1.6	
9/8/2016	1.4	
10/18/2016	1.4	
12/8/2016	1.5	
2/2/2017	1.7	
3/24/2017	2.1	
10/5/2017	2	
3/14/2018	2.1	
10/4/2018	2.3	
12/11/2018	2.3	
1/11/2019	2.8	
4/8/2019	3.2	
10/1/2019	1.8	
3/27/2020	2.5	
9/24/2020	2.2	
3/9/2021	2.2	
8/10/2021	2.7	
2/4/2022	3.2	
8/9/2022	2.1	
1/31/2023	1.6	
8/15/2023	1.6	
2/21/2024		2
8/11/2024		1.7
2/12/2025		2.1

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-9
3/23/2016	0.9561	
5/19/2016	0.972	
7/6/2016	1.3	
9/8/2016	1	
10/19/2016	1.1	
12/8/2016	1.3	
2/2/2017	1.6	
3/27/2017	1.4	
10/5/2017	1.1	
3/15/2018	1.3	
10/5/2018	1.6	
4/8/2019	1	
10/1/2019	0.91 (J)	
3/27/2020	0.74 (J)	
9/24/2020	0.82 (J)	
3/9/2021	0.74 (J)	
8/10/2021	0.85 (J)	
2/4/2022	0.78 (J)	
8/9/2022	1	
1/31/2023	0.72 (J)	
8/15/2023	0.65 (J)	
2/20/2024		0.89 (J)
8/11/2024		0.75 (J)
2/11/2025		1

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	GWC-10
3/23/2016	1.3507	
5/17/2016	1.28	
7/6/2016	1.5	
9/7/2016	1.5	
10/18/2016	1.4	
12/6/2016	1.3	
2/2/2017	1.8	
3/27/2017	1.7	
10/5/2017	1.5	
3/15/2018	2	
5/15/2018	1.4	
10/4/2018	2.1	
12/11/2018	1.9	
4/9/2019	1.9	
10/1/2019	1.5	
3/27/2020	1.2	
9/25/2020	1.1	
3/9/2021	1.1	
8/10/2021	1.2	
2/4/2022	1.3	
8/9/2022	1.3	
1/30/2023	1.3	
8/14/2023	1	
2/19/2024		1.2
8/11/2024		0.95 (J)
2/11/2025		1.3

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-18	GWC-18
3/24/2016	1.1313	
5/19/2016	1.13	
7/7/2016	1.5	
9/8/2016	1.4	
10/19/2016	1.4	
12/8/2016	1.4	
2/2/2017	1.6	
3/27/2017	1.5	
10/5/2017	1.4	
3/16/2018	1.5	
10/5/2018	1.5	
4/9/2019	1.6	
10/1/2019	0.94 (J)	
3/30/2020	1	
9/24/2020	0.94 (J)	
3/9/2021	0.97 (J)	
8/10/2021	0.93 (J)	
2/4/2022	0.88 (J)	
8/9/2022	1.1	
1/31/2023	0.8 (J)	
8/15/2023	0.85 (J)	
2/20/2024		1
8/12/2024		1.1
2/12/2025		0.8 (J)

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-19	GWC-19
3/24/2016	1.6497	
5/18/2016	1.74	
7/6/2016	2.1	
9/8/2016	1.9	
10/18/2016	2.1	
12/7/2016	2	
2/2/2017	2.3	
3/27/2017	2.1	
10/5/2017	1.9	
3/15/2018	1.9	
10/4/2018	2	
4/9/2019	1.9	
10/1/2019	1.3	
3/31/2020	1.3	
9/28/2020	1.3	
3/10/2021	1.3	
8/10/2021	1.2	
2/7/2022	1.1	
8/9/2022	1.6	
1/31/2023	1.2	
8/15/2023	1.1	
2/20/2024		1.3
8/12/2024		1.3
2/11/2025		1.4

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-20	GWC-20
3/23/2016	1.4238	
5/18/2016	1.57	
7/7/2016	1.7	
9/8/2016	1.5	
10/19/2016	1.7	
12/7/2016	1.8	
2/3/2017	2	
3/27/2017	1.8	
10/5/2017	5.5 (o)	
12/14/2017	1.5	
3/16/2018	1.9	
10/5/2018	2.2	
12/11/2018	1.8	
4/9/2019	1.8	
10/1/2019	1.1	
3/31/2020	1.1	
9/23/2020	1.1	
3/10/2021	1.2	
8/10/2021	1.2	
2/7/2022	1.2	
8/9/2022	0.93 (J)	
1/31/2023	1.1	
8/15/2023	1.1	
2/20/2024		1.3
8/11/2024		1.1
2/11/2025		1.5

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-21	GWC-21
3/24/2016	2.461	
5/18/2016	2.61	
7/7/2016	2.8	
9/8/2016	2.3	
10/19/2016	2.4	
12/7/2016	2.2	
2/2/2017	3.4	
3/27/2017	2.7	
10/5/2017	3.3	
3/15/2018	3.6	
5/15/2018	3.2	
10/4/2018	2.4	
4/9/2019	2.6	
10/1/2019	2	
3/31/2020	1.5	
9/24/2020	1.8	
3/9/2021	1.8	
8/10/2021	2	
2/7/2022	2.7	
8/9/2022	4	
1/31/2023	1.5	
8/15/2023	5.3	
2/20/2024		5
8/11/2024		10
12/3/2024		5.4
2/11/2025		5.5

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-22	GWC-22
3/23/2016	1.2595	
5/18/2016	1.25	
7/7/2016	1.7	
9/8/2016	1.5	
10/19/2016	1.6	
12/7/2016	1.5	
2/2/2017	1.8	
3/27/2017	1.5	
10/5/2017	1.6	
3/15/2018	1.7	
10/4/2018	1.7	
4/9/2019	1.7	
10/1/2019	1.4	
3/31/2020	1	
9/23/2020	1.1	
3/9/2021	1	
8/10/2021	1.1	
2/7/2022	1	
8/9/2022	0.81 (J)	
1/31/2023	1	
8/15/2023	0.95 (J)	
2/20/2024		1.3
8/11/2024		1
2/11/2025		1.4

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-23	GWC-23
3/23/2016	1.5409	
5/19/2016	1.23	
7/7/2016	1.7	
9/8/2016	1.6	
10/19/2016	1.6	
12/7/2016	1.7	
2/3/2017	1.9	
3/27/2017	1.7	
10/5/2017	1.4	
3/15/2018	1.6	
10/5/2018	1.6	
4/8/2019	1.5	
10/1/2019	1.1	
3/26/2020	0.63 (J)	
9/23/2020	1.1	
3/9/2021	0.85 (J)	
8/10/2021	1	
2/7/2022	0.7 (J)	
8/8/2022	1.3	
1/31/2023	<1	
8/14/2023	1.1	
2/20/2024		0.98 (J)
8/12/2024		1.2
2/12/2025		1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1	GWA-1
3/22/2016	0.119 (J)	
5/17/2016	0.1049 (J)	
7/5/2016	0.1 (J)	
9/7/2016	0.13 (J)	
10/18/2016	0.15 (J)	
12/6/2016	0.11 (J)	
1/31/2017	0.02 (J)	
3/23/2017	0.08 (J)	
10/4/2017	0.07 (J)	
3/14/2018	<0.3	
10/4/2018	0.17 (J)	
4/8/2019	0.057 (J)	
9/30/2019	0.11 (J)	
3/26/2020	0.082 (J)	
9/23/2020	0.089 (J)	
3/8/2021	0.094 (J)	
8/9/2021	0.083 (J)	
2/4/2022	0.087 (J)	
8/8/2022	0.11	
1/30/2023	0.11	
8/14/2023	0.076 (J)	
2/19/2024		0.074 (J)
8/11/2024		0.12
2/11/2025		0.087 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-2	GWA-2
3/22/2016	0.1252 (J)	
5/17/2016	0.1091 (J)	
7/5/2016	0.16 (J)	
9/7/2016	0.18 (J)	
10/18/2016	0.13 (J)	
12/7/2016	0.13 (J)	
1/31/2017	0.04 (J)	
3/23/2017	0.08 (J)	
10/4/2017	0.11 (J)	
3/14/2018	<0.3	
10/4/2018	0.25 (J)	
4/8/2019	0.072 (J)	
9/30/2019	0.14 (J)	
3/26/2020	0.12 (J)	
9/21/2020	0.12	
3/9/2021	0.099 (J)	
8/9/2021	0.081 (J)	
2/4/2022	0.085 (J)	
8/8/2022	0.1	
1/30/2023	0.11	
8/14/2023	0.08 (J)	
2/19/2024		0.079 (J)
8/10/2024		0.071 (J)
2/11/2025		0.075 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-3	GWA-3
3/22/2016	0.1415 (J)	
5/17/2016	0.1293 (J)	
7/5/2016	0.21 (J)	
9/7/2016	0.21 (J)	
10/18/2016	0.15 (J)	
12/6/2016	0.19 (J)	
2/1/2017	0.35	
3/23/2017	0.39	
10/4/2017	0.49	
3/15/2018	<0.3	
10/4/2018	0.24 (J)	
4/5/2019	0.31	
9/30/2019	0.15 (J)	
3/26/2020	0.09 (J)	
9/23/2020	0.11	
3/8/2021	0.13	
8/9/2021	0.1	
2/4/2022	0.084 (J)	
8/8/2022	0.11	
1/30/2023	0.12	
8/14/2023	0.089 (J)	
2/19/2024		0.081 (J)
8/11/2024		0.15
2/11/2025		0.087 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	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	
8/8/2022	0.12	
1/30/2023	0.12	
8/14/2023	0.11	
2/19/2024		0.1
8/11/2024		0.14
2/11/2025		0.12

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-11	GWA-11
3/22/2016	0.0811 (J)	
5/17/2016	0.0706 (J)	
7/6/2016	0.09 (J)	
9/7/2016	0.04 (J)	
10/18/2016	0.07 (J)	
12/6/2016	0.13 (J)	
2/1/2017	<0.1	
3/24/2017	0.01 (J)	
10/5/2017	<0.1	
3/15/2018	<0.1	
10/4/2018	0.15 (J)	
4/8/2019	0.035 (J)	
9/30/2019	0.099 (J)	
3/26/2020	0.057 (J)	
9/22/2020	0.061 (J)	
3/8/2021	0.11	
8/10/2021	0.068 (J)	
2/4/2022	0.068 (J)	
8/8/2022	0.1	
1/30/2023	0.09 (J)	
8/14/2023	0.066 (J)	
2/19/2024		<0.1
8/11/2024		0.1
2/11/2025		0.055 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-5	GWC-5
3/23/2016	0.0582 (J)	
5/17/2016	0.0571 (J)	
7/6/2016	0.29 (J)	
9/7/2016	0.08 (J)	
10/18/2016	0.09 (J)	
12/8/2016	0.06 (J)	
2/1/2017	0.33	
3/23/2017	0.07 (J)	
10/4/2017	<0.1	
3/16/2018	<0.1	
10/4/2018	0.16 (J)	
4/9/2019	0.061 (J)	
10/1/2019	0.064 (J)	
3/31/2020	<0.1	
9/25/2020	0.058 (J)	
3/9/2021	0.05 (J)	
8/10/2021	0.057 (J)	
2/4/2022	<0.1	
8/9/2022	0.077 (J)	
1/31/2023	0.074 (J)	
8/15/2023	0.052 (J)	
2/20/2024		<0.1
8/12/2024		0.088 (J)
2/11/2025		0.05 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-6	GWC-6
3/23/2016	0.0791 (J)	
5/17/2016	0.0712 (J)	
7/6/2016	0.28 (J)	
9/7/2016	0.08 (J)	
10/18/2016	0.07 (J)	
12/8/2016	0.13 (J)	
2/1/2017	0.24 (J)	
3/23/2017	0.04 (J)	
10/4/2017	0.03 (J)	
3/16/2018	<0.3	
10/4/2018	0.17 (J)	
4/8/2019	<0.3	
10/1/2019	0.063 (J)	
3/31/2020	0.053 (J)	
9/25/2020	0.063 (J)	
3/9/2021	0.06 (J)	
8/10/2021	0.057 (J)	
2/4/2022	0.058 (J)	
8/8/2022	0.083 (J)	
1/31/2023	0.098 (J)	
8/14/2023	0.054 (J)	
2/21/2024		0.051 (J)
8/12/2024		0.095 (J)
2/12/2025		0.091 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-7	GWC-7
3/23/2016	0.2004 (J)	
5/18/2016	0.1766 (J)	
7/6/2016	0.39	
9/7/2016	0.53	
10/18/2016	0.24 (J)	
12/8/2016	0.24 (J)	
2/2/2017	0.3 (J)	
3/24/2017	0.22 (J)	
10/4/2017	0.19 (J)	
3/15/2018	0.37	
10/4/2018	0.19 (J)	
4/8/2019	0.17 (J)	
10/1/2019	0.16 (J)	
3/30/2020	0.16 (J)	
9/24/2020	0.14	
3/9/2021	0.17	
8/10/2021	0.19	
2/4/2022	0.14	
8/10/2022	0.14	
1/31/2023	0.26	
8/15/2023	0.13	
2/21/2024		0.14
8/11/2024		0.18
2/12/2025		0.25

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-8	GWC-8
3/23/2016	0.1537 (J)	
5/19/2016	0.1414 (J)	
7/6/2016	0.15 (J)	
9/8/2016	0.35	
10/18/2016	0.17 (J)	
12/8/2016	0.15 (J)	
2/2/2017	0.1 (J)	
3/24/2017	0.14 (J)	
10/5/2017	0.15 (J)	
3/14/2018	0.4	
5/16/2018	0.32	
10/4/2018	0.28 (J)	
4/8/2019	0.1 (J)	
10/1/2019	0.13 (J)	
3/27/2020	0.12 (J)	
9/24/2020	0.15	
3/9/2021	0.12	
8/10/2021	0.13	
2/4/2022	0.12	
8/9/2022	0.14	
1/31/2023	0.18	
8/15/2023	0.13	
2/21/2024		0.11
8/11/2024		0.11
2/12/2025		0.15

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-9
3/23/2016	0.0993 (J)	
5/19/2016	0.0936 (J)	
7/6/2016	0.09 (J)	
9/8/2016	0.11 (J)	
10/19/2016	0.1 (J)	
12/8/2016	0.11 (J)	
2/2/2017	0.05 (J)	
3/27/2017	0.07 (J)	
10/5/2017	0.06 (J)	
3/15/2018	<0.3	
10/5/2018	0.18 (J)	
4/8/2019	0.058 (J)	
10/1/2019	0.078 (J)	
3/27/2020	0.078 (J)	
9/24/2020	0.076 (J)	
3/9/2021	0.08 (J)	
8/10/2021	0.076 (J)	
2/4/2022	0.076 (J)	
8/9/2022	0.094 (J)	
1/31/2023	0.11	
8/15/2023	0.06 (J)	
2/20/2024		0.069 (J)
8/11/2024		0.071 (J)
2/11/2025		0.068 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	GWC-10
3/23/2016	0.1069 (J)	
5/17/2016	0.0991 (J)	
7/6/2016	0.09 (J)	
9/7/2016	0.13 (J)	
10/18/2016	0.16 (J)	
12/6/2016	0.12 (J)	
2/2/2017	0.07 (J)	
3/27/2017	0.05 (J)	
10/5/2017	0.11 (J)	
3/15/2018	<0.3	
10/4/2018	0.16 (J)	
4/9/2019	0.067 (J)	
10/1/2019	0.07 (J)	
3/27/2020	<0.3	
9/25/2020	0.085 (J)	
3/9/2021	0.078 (J)	
8/10/2021	0.078 (J)	
2/4/2022	0.07 (J)	
8/9/2022	0.096 (J)	
1/30/2023	0.096 (J)	
8/14/2023	0.077 (J)	
2/19/2024		0.074 (J)
8/11/2024		0.067 (J)
2/11/2025		0.072 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-18	GWC-18
3/24/2016	0.1459 (J)	
5/19/2016	0.1408 (J)	
7/7/2016	0.2 (J)	
9/8/2016	0.14 (J)	
10/19/2016	0.14 (J)	
12/8/2016	0.16 (J)	
2/2/2017	0.17 (J)	
3/27/2017	0.11 (J)	
10/5/2017	0.13 (J)	
3/16/2018	<0.3	
10/5/2018	0.21 (J)	
4/9/2019	0.1 (J)	
10/1/2019	0.11 (J)	
3/30/2020	0.1 (J)	
9/24/2020	0.11	
3/9/2021	0.11	
8/10/2021	0.11	
2/4/2022	0.12	
8/9/2022	0.13	
1/31/2023	0.15	
8/15/2023	0.1	
2/20/2024		0.11
8/12/2024		0.15
2/12/2025		0.14

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-19	GWC-19
3/24/2016	0.1652 (J)	
5/18/2016	0.1459 (J)	
7/6/2016	0.21 (J)	
9/8/2016	0.15 (J)	
10/18/2016	0.19 (J)	
12/7/2016	0.24 (J)	
2/2/2017	0.1 (J)	
3/27/2017	0.11 (J)	
10/5/2017	0.13 (J)	
3/15/2018	<0.3	
10/4/2018	0.21 (J)	
4/9/2019	0.1 (J)	
10/1/2019	0.11 (J)	
3/31/2020	0.099 (J)	
9/28/2020	0.11	
3/10/2021	0.11	
8/10/2021	0.11	
2/7/2022	0.1	
8/9/2022	0.14	
1/31/2023	0.14	
8/15/2023	0.092 (J)	
2/20/2024		0.1
8/12/2024		0.14
2/11/2025		0.099 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-20	GWC-20
3/23/2016	0.0905 (J)	
5/18/2016	0.0864 (J)	
7/7/2016	0.16 (J)	
9/8/2016	0.08 (J)	
10/19/2016	0.09 (J)	
12/7/2016	0.11 (J)	
2/3/2017	0.06 (J)	
3/27/2017	0.04 (J)	
10/5/2017	0.05 (J)	
3/16/2018	<0.3	
10/5/2018	0.17 (J)	
4/9/2019	0.056 (J)	
10/1/2019	0.069 (J)	
3/31/2020	0.054 (J)	
9/23/2020	0.065 (J)	
3/10/2021	0.068 (J)	
8/10/2021	0.066 (J)	
2/7/2022	0.058 (J)	
8/9/2022	0.11	
1/31/2023	0.094 (J)	
8/15/2023	0.055 (J)	
2/20/2024		0.051 (J)
8/11/2024		0.054 (J)
2/11/2025		0.06 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-21	GWC-21
3/24/2016	0.0445 (J)	
5/18/2016	0.0476 (J)	
7/7/2016	0.12 (J)	
9/8/2016	0.11 (J)	
10/19/2016	0.13 (J)	
12/7/2016	0.23 (J)	
2/2/2017	0.11 (J)	
3/27/2017	0.01 (J)	
10/5/2017	<0.1	
3/15/2018	<0.1	
10/4/2018	0.15 (J)	
4/9/2019	0.063 (J)	
10/1/2019	0.094 (J)	
3/31/2020	<0.1	
9/24/2020	0.1	
3/9/2021	0.058 (J)	
8/10/2021	<0.1	
2/7/2022	<0.1	
8/9/2022	0.079 (J)	
1/31/2023	0.062 (J)	
8/15/2023	<0.1	
2/20/2024		<0.1
8/11/2024		<0.1
2/11/2025		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-22	GWC-22
3/23/2016	0.0886 (J)	
5/18/2016	0.0839 (J)	
7/7/2016	0.08 (J)	
9/8/2016	0.11 (J)	
10/19/2016	0.1 (J)	
12/7/2016	0.09 (J)	
2/2/2017	0.05 (J)	
3/27/2017	0.08 (J)	
10/5/2017	0.08 (J)	
3/15/2018	<0.3	
10/4/2018	0.14 (J)	
4/9/2019	0.063 (J)	
10/1/2019	0.079 (J)	
3/31/2020	0.055 (J)	
9/23/2020	0.073 (J)	
3/9/2021	0.067 (J)	
8/10/2021	0.071 (J)	
2/7/2022	0.059 (J)	
8/9/2022	0.11	
1/31/2023	0.095 (J)	
8/15/2023	0.065 (J)	
2/20/2024		0.053 (J)
8/11/2024		0.061 (J)
2/11/2025		0.064 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-23	GWC-23
3/23/2016	0.1064 (J)	
5/19/2016	0.0928 (J)	
7/7/2016	0.13 (J)	
9/8/2016	0.12 (J)	
10/19/2016	0.1 (J)	
12/7/2016	0.1 (J)	
2/3/2017	0.12 (J)	
3/27/2017	0.14 (J)	
10/5/2017	0.09 (J)	
3/15/2018	<0.3	
10/5/2018	0.18 (J)	
4/8/2019	0.057 (J)	
10/1/2019	0.079 (J)	
3/26/2020	0.064 (J)	
9/23/2020	0.088 (J)	
3/9/2021	0.069 (J)	
8/10/2021	0.087 (J)	
2/7/2022	0.082 (J)	
8/8/2022	0.1	
1/31/2023	0.11	
8/14/2023	0.075 (J)	
2/20/2024		0.084 (J)
8/12/2024		0.12
2/12/2025		0.12

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1	GWA-1
3/22/2016	7.07	
5/17/2016	7	
7/5/2016	6.88	
9/7/2016	7.24	
10/18/2016	6.86	
12/6/2016	6.98	
1/31/2017	6.63	
3/23/2017	7.12	
10/4/2017	6.83	
3/14/2018	6.66	
10/4/2018	6.92	
4/8/2019	6.86	
9/30/2019	7.15	
3/26/2020	7.02	
9/23/2020	6.98	
3/8/2021	6.86	
8/9/2021	7.23	
2/4/2022	7.18	
8/8/2022	7.28	
1/30/2023	7.22	
8/14/2023	7.22	
2/19/2024		7.11
8/11/2024		7.27
2/11/2025		6.89

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	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	
9/22/2020	6.9	
3/9/2021	6.93	
8/9/2021	6.9	
2/4/2022	6.98	
8/8/2022	7.03	
1/30/2023	7.05	
8/14/2023	6.91	
2/19/2024		6.84
8/10/2024		6.76
2/11/2025		6.76

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-3	GWA-3
3/22/2016	7.11	
5/17/2016	6.95	
7/5/2016	6.55	
9/7/2016	6.81	
10/18/2016	6.64	
12/6/2016	6.34	
2/1/2017	6.68	
3/23/2017	6.8	
10/4/2017	6.64	
3/15/2018	6.88	
10/4/2018	6.62	
4/5/2019	6.77	
9/30/2019	6.73	
3/26/2020	6.87	
9/23/2020	6.87	
3/8/2021	6.95	
8/9/2021	6.89	
2/4/2022	6.75	
8/8/2022	6.59	
1/30/2023	6.82	
8/14/2023	6.54	
2/19/2024		6.74
8/11/2024		6.83
2/11/2025		6.76

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-4	GWA-4
3/22/2016	7.14	
5/17/2016	6.67	
7/6/2016	6.53	
9/7/2016	6.72	
10/18/2016	6.73	
12/6/2016	6.61	
2/1/2017	6.7	
3/24/2017	6.77	
10/4/2017	6.52	
3/15/2018	7.11	
10/4/2018	6.72	
4/8/2019	6.82	
9/30/2019	6.77	
3/26/2020	6.74	
9/23/2020	6.81	
3/8/2021	6.84	
8/9/2021	6.76	
2/4/2022	7.11	
8/8/2022	6.73	
1/30/2023	6.94	
8/14/2023	6.74	
2/19/2024		6.95
8/11/2024		6.77
2/11/2025		6.98

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-11	GWA-11
3/22/2016	7	
5/17/2016	6.77	
7/6/2016	6.64	
9/7/2016	6.83	
10/18/2016	6.58	
12/6/2016	6.66	
2/1/2017	6.5	
3/24/2017	6.72	
10/5/2017	6.69	
3/15/2018	6.48	
10/4/2018	6.66	
4/8/2019	6.61	
9/30/2019	6.86	
3/26/2020	6.83	
9/22/2020	6.8	
3/8/2021	6.78	
8/10/2021	6.84	
2/4/2022	6.92	
8/8/2022	6.55	
1/30/2023	7	
8/14/2023	6.99	
2/19/2024		6.94
8/11/2024		7.01
2/11/2025		6.84

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-5	GWC-5
3/23/2016	7.1	
5/17/2016	6.88	
7/6/2016	6.75	
9/7/2016	6.95	
10/18/2016	6.9	
12/8/2016	6.55	
2/1/2017	6.81	
3/23/2017	6.8	
10/4/2017	7.12	
3/16/2018	6.72	
10/4/2018	6.52	
4/9/2019	6.72	
10/1/2019	6.81	
3/31/2020	6.82	
9/25/2020	6.82	
3/9/2021	6.93	
8/10/2021	6.87	
2/4/2022	6.92	
8/9/2022	6.89	
1/31/2023	6.96	
8/15/2023	6.85	
2/20/2024		7.1
8/12/2024		7.11
2/11/2025		6.9

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	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	
12/14/2017	6.49	
1/18/2018	7.08	
3/16/2018	6.8	
5/16/2018	7.07	
10/4/2018	6.93	
12/11/2018	6.94	
4/8/2019	7	
6/19/2019	7.03	
10/1/2019	6.97	
3/31/2020	7.17	
6/18/2020	6.96	
9/25/2020	6.96	
3/9/2021	7.09	
8/10/2021	7.06	
2/4/2022	7.21	
8/8/2022	6.9	
1/31/2023	7.24	
8/14/2023	7.68	
11/7/2023	7.15	
2/21/2024		7.3
8/12/2024		7.36
2/12/2025		7.15

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	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	
12/8/2016	5.73	
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	
5/16/2018	5.88	
10/4/2018	5.92	
4/8/2019	6.26	
10/1/2019	6.09	
11/6/2019	6.18	
3/30/2020	6.48	
6/19/2020	6.45	
9/24/2020	6.32	
3/9/2021	6.59	
8/10/2021	6.29	
2/4/2022	6.7	
8/10/2022	6.25	
1/31/2023	5.84	
8/15/2023	5.94	
2/21/2024		5.74
8/11/2024		5.93
2/12/2025		5.76

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-8	GWC-8
3/23/2016	7.46	
5/18/2016	7.4	
5/19/2016	7.67	
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	
12/14/2017	7.39	
1/18/2018	7.45	
3/14/2018	7.28	
5/16/2018	7.3	
10/4/2018	7.22	
12/11/2018	7.4	
1/11/2019	7.07	
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	
9/24/2020	6.96	
3/9/2021	7.06	
8/10/2021	6.65	
9/28/2021	6.77	
2/4/2022	7.07	
8/9/2022	7.08	
1/31/2023	7.09	
8/15/2023	7.34	
2/21/2024		7.48
8/11/2024		7.42
2/12/2025		7.09

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-9
3/23/2016	7.2	
5/18/2016	6.96	
5/19/2016	7.2	
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	
12/11/2018	7.03	
4/8/2019	6.72	
10/1/2019	6.77	
3/27/2020	7.11	
9/24/2020	6.75	
3/9/2021	6.92	
8/10/2021	6.91	
2/4/2022	7.1	
8/9/2022	7	
1/31/2023	6.74	
8/15/2023	7.09	
2/20/2024		7.1
8/11/2024		7.05
2/11/2025		6.89

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	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	
5/15/2018	7.41	
10/4/2018	7.26	
12/11/2018	7.19	
1/11/2019	7.11	
4/9/2019	7.22	
10/1/2019	7.07	
3/27/2020	6.82	
6/19/2020	7.4	
9/25/2020	7.28	
3/9/2021	7.43	
8/10/2021	7.45	
2/4/2022	7.51	
8/9/2022	7.36	
1/30/2023	7.6	
8/14/2023	7.48	
2/19/2024		7.48
8/11/2024		7.48
2/11/2025		7.47

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-18	GWC-18
3/24/2016	7.71	
5/18/2016	7.59	
5/19/2016	7.53	
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	
5/16/2018	7.54	
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	7.39	
2/4/2022	7.73	
8/9/2022	7.47	
1/31/2023	7.56	
8/15/2023	7.63	
2/20/2024		7.64
8/12/2024		7.75
2/12/2025		7.73

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	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	
5/15/2018	7.44	
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	
9/28/2020	7.78	
11/10/2020	7.37	
3/10/2021	7.49	
8/10/2021	7.49	
2/7/2022	7.61	
8/9/2022	7.42	
1/31/2023	7.65	
8/15/2023	7.61	
2/20/2024		7.51
8/12/2024		7.61
2/11/2025		7.5

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	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	
12/14/2017	6.78	
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	
6/18/2019	7.35	
6/27/2019	7.31	
10/1/2019	7.16	
11/6/2019	7.44	
3/31/2020	7.57	
6/19/2020	7.31	
9/23/2020	7.11	
3/10/2021	7.42	
8/10/2021	7.31	
2/7/2022	7.57	
8/9/2022	7.33	
1/31/2023	7.44	
8/15/2023	7.54	
2/20/2024		7.58
8/11/2024		7.31
2/11/2025		7.28

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	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	
5/15/2018	6.18	
10/4/2018	6.33	
12/11/2018	6.65	
4/9/2019	6.46	
10/1/2019	6.9	
11/6/2019	6.84	
11/26/2019	6.39	
3/31/2020	6.33	
9/24/2020	7.12	
3/9/2021	7.04	
8/10/2021	6.05	
2/7/2022	6.58	
8/9/2022	6.05	
1/31/2023	6.23	
8/15/2023	6.17	
2/20/2024		6.46
8/11/2024		6.22
12/3/2024		6.19
2/11/2025		6.4

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	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	
5/15/2018	7.52	
10/4/2018	7.52	
4/9/2019	7.49	
10/1/2019	7.38	
11/6/2019	7.66	
3/31/2020	7.8	
9/23/2020	7.42	
3/9/2021	7.52	
8/10/2021	7.75	
2/7/2022	7.85	
8/9/2022	7.62	
1/31/2023	7.67	
8/15/2023	7.68	
2/20/2024		7.61
8/11/2024		7.37
2/11/2025		7.58

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-23	GWC-23
3/23/2016	7.48	
5/19/2016	7.24	
7/7/2016	7.18	
9/8/2016	7.17	
10/19/2016	7.05	
12/7/2016	7.16	
2/3/2017	7.27	
3/27/2017	7.24	
10/5/2017	7.25	
3/15/2018	7.05	
10/5/2018	6.97	
4/8/2019	6.88	
10/1/2019	7	
3/26/2020	6.88	
9/23/2020	6.96	
3/9/2021	6.81	
8/10/2021	6.96	
2/7/2022	7.05	
8/8/2022	7.04	
1/31/2023	7.03	
8/14/2023	7.21	
2/20/2024		7.11
8/12/2024		7.31
2/12/2025		7.24

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1	GWA-1
3/22/2016	4.4409	
5/17/2016	4.43	
7/5/2016	4.6	
9/7/2016	4.8	
10/18/2016	4.7	
12/6/2016	4.7	
1/31/2017	5.1	
3/23/2017	4.7	
10/4/2017	5	
3/14/2018	5.1	
10/4/2018	5.2	
4/8/2019	4.6	
9/30/2019	4.9	
3/26/2020	5	
9/23/2020	6.6	
3/8/2021	4.6	
8/9/2021	4.7	
2/4/2022	4	
8/8/2022	4.1	
1/30/2023	3.8	
8/14/2023	3.9	
2/19/2024		5.1
8/11/2024		3.9
2/11/2025		3.7

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-2	GWA-2
3/22/2016	13.0789	
5/17/2016	15.3	
7/5/2016	15	
9/7/2016	16	
10/18/2016	16	
12/7/2016	15	
1/31/2017	13	
3/23/2017	12	
10/4/2017	12	
3/14/2018	13.9	
10/4/2018	17.4	
4/8/2019	18.1	
9/30/2019	17.5	
3/26/2020	15.6	
9/21/2020	18.2	
3/9/2021	16.8	
8/9/2021	23.2	
2/4/2022	21.1	
8/8/2022	23.3	
1/30/2023	19.8	
8/14/2023	23.4	
2/19/2024		23.7
8/10/2024		33.1
2/11/2025		33.8

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-3	GWA-3
3/22/2016	107.476	
5/17/2016	106	
7/5/2016	110	
9/7/2016	83	
10/18/2016	110	
12/6/2016	220 (O)	
2/1/2017	190 (O)	
3/23/2017	160	
10/4/2017	140	
3/15/2018	119	
10/4/2018	117	
4/5/2019	131	
9/30/2019	118	
3/26/2020	95.8	
9/23/2020	95.6	
3/8/2021	99.5	
8/9/2021	93.3	
2/4/2022	73.5	
8/8/2022	78.9	
1/30/2023	78.4	
8/14/2023	72.3	
2/19/2024		103
8/11/2024		87.2
2/11/2025		94.4

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	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	
8/8/2022	116	
1/30/2023	156	
8/14/2023	122	
2/19/2024		138
8/11/2024		116
2/11/2025		155

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-11	GWA-11
3/22/2016	11.6823	
5/17/2016	11.4	
7/6/2016	12	
9/7/2016	13	
10/18/2016	13	
12/6/2016	12	
2/1/2017	13	
3/24/2017	12	
10/5/2017	13	
3/15/2018	12.2	
10/4/2018	15.6	
4/8/2019	13.2	
9/30/2019	11.5	
3/26/2020	10.8	
9/22/2020	9.8	
3/8/2021	11.5	
8/10/2021	11.2	
2/4/2022	10.4	
8/8/2022	10.2	
1/30/2023	9.5	
8/14/2023	8.9	
2/19/2024		9.9
8/11/2024		9.3
2/11/2025		9.7

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-5	GWC-5
3/23/2016	76.011	
5/17/2016	76.2	
7/6/2016	74	
9/7/2016	64	
10/18/2016	65	
12/8/2016	100	
2/1/2017	150 (O)	
3/23/2017	130 (O)	
10/4/2017	71	
3/16/2018	77.4	
10/4/2018	90.3	
4/9/2019	83.6	
10/1/2019	68.1	
3/31/2020	92.6	
9/25/2020	80.7	
3/9/2021	86.9	
8/10/2021	76.1	
2/4/2022	80.1	
8/9/2022	74.6	
1/31/2023	90.6	
8/15/2023	77.2	
2/20/2024		98.1
8/12/2024		77.2
2/11/2025		91.7

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-6	GWC-6
3/23/2016	87.512	
5/17/2016	101	
7/6/2016	110	
9/7/2016	97	
10/18/2016	120	
12/8/2016	100	
2/1/2017	110	
3/23/2017	110	
10/4/2017	130	
12/14/2017	130	
1/18/2018	110	
3/16/2018	93.6	
10/4/2018	137	
12/11/2018	110	
4/8/2019	131	
6/19/2019	108	
10/1/2019	71.7	
3/31/2020	106	
9/25/2020	110	
3/9/2021	105	
8/10/2021	95.9	
2/4/2022	101	
8/8/2022	77.1	
1/31/2023	95.7	
8/14/2023	99.5	
2/21/2024		91.9
8/12/2024		87.7
2/12/2025		95

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-7	GWC-7
3/23/2016	90.229	
5/18/2016	100	
7/6/2016	130	
9/7/2016	130	
10/18/2016	140	
12/8/2016	140	
2/2/2017	71	
3/24/2017	68	
10/4/2017	120	
3/15/2018	118	
10/4/2018	167	
4/8/2019	97.1	
10/1/2019	120	
3/30/2020	64.6	
9/24/2020	120	
3/9/2021	87.4	
8/10/2021	101	
2/4/2022	78.3	
8/10/2022	102	
1/31/2023	118	
8/15/2023	122	
2/21/2024		122
8/11/2024		123
2/12/2025		107

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-8	GWC-8
3/23/2016	26.3455	
5/19/2016	31.7	
7/6/2016	36	
9/8/2016	45	
10/18/2016	49	
12/8/2016	50	
2/2/2017	51	
3/24/2017	46	
10/5/2017	48	
3/14/2018	36.8	
10/4/2018	45.4	
4/8/2019	39.9	
10/1/2019	47.1	
3/27/2020	31.5	
9/24/2020	48.3	
3/9/2021	33.1	
8/10/2021	31.6	
2/4/2022	25.8	
8/9/2022	33.3	
1/31/2023	31.3	
8/15/2023	28.1	
2/21/2024		48.3
8/11/2024		47.1
2/12/2025		43.8

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	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	
8/10/2021	76.3	
2/4/2022	69.2	
8/9/2022	77	
1/31/2023	70	
8/15/2023	63.9	
2/20/2024		78.2
8/11/2024		80.4
2/11/2025		79.2

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	GWC-10
3/23/2016	14.6529	
5/17/2016	13.3	
7/6/2016	10	
9/7/2016	10	
10/18/2016	10	
12/6/2016	11	
2/2/2017	11	
3/27/2017	33	
10/5/2017	16	
3/15/2018	33.9	
5/15/2018	29.1	
10/4/2018	29.5	
4/9/2019	21.4	
10/1/2019	13.4	
3/27/2020	10.8	
9/25/2020	11.6	
3/9/2021	14.2	
8/10/2021	14.9	
2/4/2022	14.4	
8/9/2022	10.6	
1/30/2023	11.5	
8/14/2023	9	
2/19/2024		10.8
8/11/2024		8.5
2/11/2025		10.5

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-18	GWC-18
3/24/2016	10.1818	
5/19/2016	9.58	
7/7/2016	9.6	
9/8/2016	9.4	
10/19/2016	9.9	
12/8/2016	14	
2/2/2017	13	
3/27/2017	12	
10/5/2017	12	
3/16/2018	11.7	
10/5/2018	10.6	
4/9/2019	11.3	
10/1/2019	8.9	
3/30/2020	9.7	
9/24/2020	8.5	
3/9/2021	7.9	
8/10/2021	10.3	
2/4/2022	8.9	
8/9/2022	8.6	
1/31/2023	8.4	
8/15/2023	7.7	
2/20/2024		9.1
8/12/2024		8.1
2/12/2025		7.4

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-19	GWC-19
3/24/2016	16.8473	
5/18/2016	18.4	
7/6/2016	17	
9/8/2016	16	
10/18/2016	19	
12/7/2016	13	
2/2/2017	14	
3/27/2017	18	
10/5/2017	16	
3/15/2018	14.8	
10/4/2018	15.9	
4/9/2019	16.7	
10/1/2019	14.7	
3/31/2020	17.8	
9/28/2020	15.8	
3/10/2021	18.7	
8/10/2021	17.8	
2/7/2022	16.9	
8/9/2022	21.9	
1/31/2023	22.8	
8/15/2023	19.1	
2/20/2024		24.3
8/12/2024		24
2/11/2025		26.8

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	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 (M1)	
2/7/2022	66.3	
8/9/2022	66.5	
1/31/2023	69.8	
8/15/2023	67.1	
2/20/2024		71
8/11/2024		74
2/11/2025		67.8

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	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 (D)	
3/27/2017	29	
10/5/2017	33	
3/15/2018	38	
10/4/2018	19.3	
4/9/2019	19.9	
10/1/2019	46.3	
3/31/2020	29.9	
9/24/2020	37.6	
3/9/2021	41.6	
8/10/2021	23.8	
2/7/2022	25.9	
8/9/2022	18.3	
1/31/2023	12.4	
8/15/2023	18.9	
2/20/2024		23.8
8/11/2024		28.4
2/11/2025		18.3

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-22	GWC-22
3/23/2016	9.1183	
5/18/2016	6.88	
7/7/2016	6.8	
9/8/2016	6.8	
10/19/2016	7.5	
12/7/2016	11	
2/2/2017	9.9	
3/27/2017	8.4	
10/5/2017	7.4	
3/15/2018	8.2	
10/4/2018	6.4	
4/9/2019	11	
10/1/2019	1.9	
3/31/2020	10.9	
9/23/2020	5	
3/9/2021	6.4	
8/10/2021	6.2	
2/7/2022	8.2	
8/9/2022	6.3	
1/31/2023	8.8	
8/15/2023	5.6	
2/20/2024		7.3
8/11/2024		5.7
2/11/2025		7.1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-23	GWC-23
3/23/2016	6.2867	
5/19/2016	5.42	
7/7/2016	5.7	
9/8/2016	5.7	
10/19/2016	5.8	
12/7/2016	5.9	
2/3/2017	38 (o)	
3/27/2017	43 (o)	
10/5/2017	8.3	
3/15/2018	14	
10/5/2018	9.3	
4/8/2019	6.2	
10/1/2019	5.8	
3/26/2020	14.5	
9/23/2020	5.3	
3/9/2021	10.2	
8/10/2021	8	
2/7/2022	13	
8/8/2022	5.6	
1/31/2023	19.5	
8/14/2023	4.6	
2/20/2024		18.6
8/12/2024		6
2/12/2025		4.8

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1	GWA-1
3/22/2016	78	
5/17/2016	67	
7/5/2016	87	
9/7/2016	125	
10/18/2016	133	
12/6/2016	151	
1/31/2017	135	
3/23/2017	72	
10/4/2017	91	
3/14/2018	99	
10/4/2018	112	
4/8/2019	91	
9/30/2019	126	
3/26/2020	73	
9/23/2020	117	
3/8/2021	96	
8/9/2021	96	
2/4/2022	107	
8/8/2022	99	
1/30/2023	94	
8/14/2023	98	
2/19/2024		107
8/11/2024		162
2/11/2025		101

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	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	
8/9/2021	245	
2/4/2022	245	
8/8/2022	249	
1/30/2023	263	
8/14/2023	266	
2/19/2024		370
8/10/2024		287
2/11/2025		292

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-3	GWA-3
3/22/2016	451	
5/17/2016	430	
7/5/2016	418	
9/7/2016	443	
10/18/2016	415	
12/6/2016	653 (O)	
2/1/2017	615 (O)	
3/23/2017	506	
10/4/2017	492	
3/15/2018	448	
10/4/2018	472	
4/5/2019	456	
9/30/2019	475	
3/26/2020	450	
9/23/2020	473	
3/8/2021	415	
8/9/2021	416	
2/4/2022	325	
8/8/2022	348	
1/30/2023	367	
8/14/2023	341	
2/19/2024		380
8/11/2024		419
2/11/2025		376

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-4	GWA-4
3/22/2016	686 (O)	
5/17/2016	533	
7/6/2016	646 (O)	
9/7/2016	493	
10/18/2016	455	
12/6/2016	597 (O)	
2/1/2017	638 (O)	
3/24/2017	579 (O)	
10/4/2017	440	
3/15/2018	381	
10/4/2018	490	
4/8/2019	522	
9/30/2019	455	
3/26/2020	466	
9/23/2020	421	
3/8/2021	460	
8/9/2021	371	
2/4/2022	496	
8/8/2022	360	
1/30/2023	459	
8/14/2023	429	
2/19/2024		433
8/11/2024		456
2/11/2025		430

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-11	GWA-11
3/22/2016	112	
5/17/2016	121	
7/6/2016	98	
9/7/2016	128	
10/18/2016	115	
12/6/2016	153	
2/1/2017	183	
3/24/2017	121	
10/5/2017	113	
3/15/2018	115	
10/4/2018	135	
4/8/2019	142	
9/30/2019	134	
3/26/2020	76	
9/22/2020	107	
3/8/2021	107	
8/10/2021	107	
2/4/2022	125	
8/8/2022	119	
1/30/2023	130	
8/14/2023	107	
2/19/2024		193
8/11/2024		145
2/11/2025		134

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-5	GWC-5
3/23/2016	379	
5/17/2016	349	
7/6/2016	346	
9/7/2016	382	
10/18/2016	461	
12/8/2016	379	
2/1/2017	511	
3/23/2017	443	
10/4/2017	359	
3/16/2018	390	
10/4/2018	385	
4/9/2019	371	
10/1/2019	380	
3/31/2020	408	
9/25/2020	367	
3/9/2021	364	
8/10/2021	363	
2/4/2022	360	
8/9/2022	363	
1/31/2023	385	
8/15/2023	428	
2/20/2024		407
8/12/2024		401
2/11/2025		420

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-6	GWC-6
3/23/2016	310	
5/17/2016	280	
7/6/2016	280	
9/7/2016	324	
10/18/2016	307	
12/8/2016	281	
2/1/2017	354	
3/23/2017	302	
10/4/2017	365	
12/14/2017	406	
1/18/2018	404	
3/16/2018	317	
10/4/2018	371	
4/8/2019	353	
10/1/2019	348	
3/31/2020	349	
9/25/2020	345	
3/9/2021	298	
8/10/2021	318	
2/4/2022	335	
8/8/2022	327	
1/31/2023	335	
8/14/2023	368	
2/21/2024		275
8/12/2024		376
2/12/2025		322

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-7	GWC-7
3/23/2016	253	
5/18/2016	276	
7/6/2016	239	
9/7/2016	247	
10/18/2016	233	
12/8/2016	373	
2/2/2017	236	
3/24/2017	291	
10/4/2017	264	
3/15/2018	254	
10/4/2018	287	
4/8/2019	295	
10/1/2019	277	
3/30/2020	216	
9/24/2020	254	
3/9/2021	299	
8/10/2021	210	
2/4/2022	310	
8/10/2022	248	
1/31/2023	223	
8/15/2023	267	
2/21/2024		310
8/11/2024		293
2/12/2025		243

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-8	GWC-8
3/23/2016	239	
5/19/2016	236	
7/6/2016	218	
9/8/2016	225	
10/18/2016	200	
12/8/2016	196	
2/2/2017	231	
3/24/2017	250	
10/5/2017	309	
12/14/2017	322	
1/18/2018	322	
3/14/2018	263	
10/4/2018	292	
4/8/2019	438	
10/1/2019	305	
3/27/2020	329	
9/24/2020	307	
3/9/2021	308	
8/10/2021	425	
2/4/2022	349	
8/9/2022	310	
1/31/2023	284	
8/15/2023	280	
2/21/2024		<25
8/11/2024		327
2/12/2025		341

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-9
3/23/2016	204	
5/19/2016	215	
7/6/2016	204	
9/8/2016	201	
10/19/2016	272	
12/8/2016	227	
2/2/2017	209	
3/27/2017	305	
10/5/2017	204	
3/15/2018	280	
10/5/2018	236	
4/8/2019	264	
10/1/2019	237	
3/27/2020	192	
9/24/2020	179	
3/9/2021	209	
8/10/2021	208	
2/4/2022	225	
8/9/2022	220	
1/31/2023	216	
8/15/2023	246	
2/20/2024		301
8/11/2024		256
2/11/2025		247

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	GWC-10
3/23/2016	182	
5/17/2016	178	
7/6/2016	135	
9/7/2016	165	
10/18/2016	113	
12/6/2016	194	
2/2/2017	160	
3/27/2017	252	
10/5/2017	177	
3/15/2018	216	
10/4/2018	222	
4/9/2019	213	
10/1/2019	186	
3/27/2020	118	
9/25/2020	153	
3/9/2021	201	
8/10/2021	185	
2/4/2022	214	
8/9/2022	170	
1/30/2023	190	
8/14/2023	162	
2/19/2024		198
8/11/2024		170
2/11/2025		199

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-18	GWC-18
3/24/2016	205	
5/19/2016	204	
7/7/2016	181	
9/8/2016	193	
10/19/2016	231	
12/8/2016	166	
2/2/2017	191	
3/27/2017	427 (o)	
10/5/2017	207	
3/16/2018	199	
10/5/2018	235	
4/9/2019	212	
10/1/2019	196	
3/30/2020	217	
9/24/2020	181	
3/9/2021	192	
8/10/2021	224	
2/4/2022	225	
8/9/2022	183	
1/31/2023	284	
8/15/2023	193	
2/20/2024		250
8/12/2024		242
2/12/2025		192

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	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	
8/10/2021	209	
2/7/2022	218	
8/9/2022	236	
1/31/2023	239	
8/15/2023	227	
2/20/2024		306
8/12/2024		236
2/11/2025		264

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-20	GWC-20
3/23/2016	208	
5/18/2016	213	
7/7/2016	212	
9/8/2016	201	
10/19/2016	276	
12/7/2016	186	
2/3/2017	219	
3/27/2017	239	
10/5/2017	216	
3/16/2018	216	
10/5/2018	256	
4/9/2019	267	
10/1/2019	271	
3/31/2020	267	
9/23/2020	277	
3/10/2021	241	
8/10/2021	270	
2/7/2022	268	
8/9/2022	285	
1/31/2023	329	
8/15/2023	291	
2/20/2024		369
8/11/2024		312
2/11/2025		291

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-21	GWC-21
3/24/2016	110	
5/18/2016	153	
7/7/2016	151	
9/8/2016	285	
10/19/2016	314	
12/7/2016	252	
2/2/2017	138	
3/27/2017	88	
10/5/2017	111	
3/15/2018	219	
10/4/2018	152	
4/9/2019	167	
10/1/2019	336	
11/6/2019	336	
11/26/2019	236	
3/31/2020	111	
9/24/2020	286	
3/9/2021	243	
8/10/2021	121	
2/7/2022	161	
8/9/2022	119	
1/31/2023	76	
8/15/2023	152	
2/20/2024		126
8/11/2024		181
2/11/2025		131

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-22	GWC-22
3/23/2016	206	
5/18/2016	212	
7/7/2016	206	
9/8/2016	214	
10/19/2016	269	
12/7/2016	199	
2/2/2017	211	
3/27/2017	324	
10/5/2017	219	
3/15/2018	190	
10/4/2018	215	
4/9/2019	222	
10/1/2019	220	
3/31/2020	195	
9/23/2020	231	
3/9/2021	178	
8/10/2021	206	
2/7/2022	207	
8/9/2022	208	
1/31/2023	221	
8/15/2023	212	
2/20/2024		220
8/11/2024		219
2/11/2025		221

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 6/10/2025 3:35 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-23	GWC-23
3/23/2016	168	
5/19/2016	173	
7/7/2016	144	
9/8/2016	179	
10/19/2016	209	
12/7/2016	156	
2/3/2017	276	
3/27/2017	295	
10/5/2017	192	
3/15/2018	169	
10/5/2018	210	
4/8/2019	191	
10/1/2019	203	
3/26/2020	193	
9/23/2020	186	
3/9/2021	216	
8/10/2021	178	
2/7/2022	224	
8/8/2022	176	
1/31/2023	243	
8/14/2023	163	
2/20/2024		263
8/12/2024		189
2/12/2025		173

FIGURE F.

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

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 6/10/2025, 3:38 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	GWC-9	123	n/a	2/11/2025	40.9	No	120	n/a	n/a	1.667	n/a	n/a	0.0001345	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-21	8.5	n/a	2/11/2025	5.5	No	120	n/a	n/a	0	n/a	n/a	0.0001345	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-19	302.3	n/a	2/11/2025	26.8	No	118	n/a	n/a	0	n/a	n/a	0.0001402	NP Inter (normality) 1 of 2

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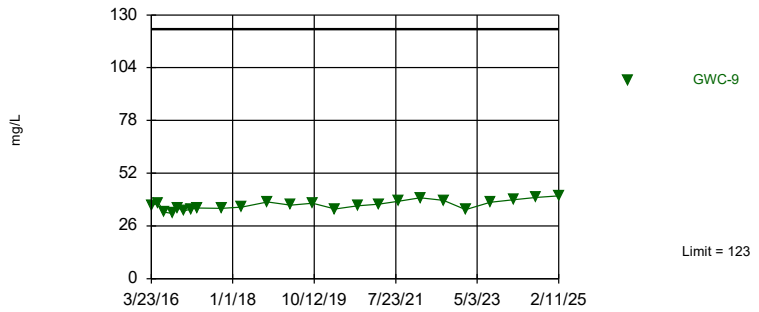
Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 120 background values. 1.667% NDs. Annual per-constituent alpha = 0.003223. Individual comparison alpha = 0.0001345 (1 of 2). Assumes 11 future values.

Constituent: Calcium Analysis Run 6/10/2025 3:37 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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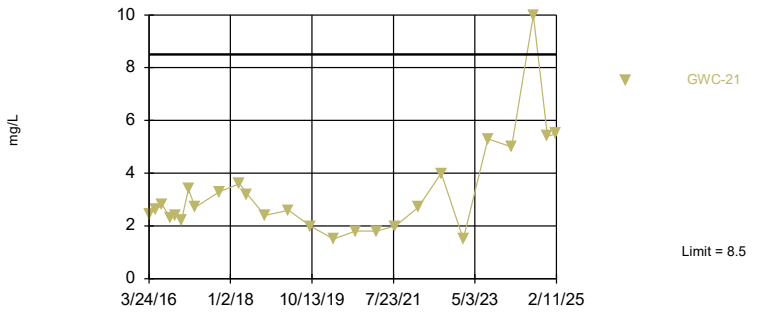
Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 120 background values. Annual per-constituent alpha = 0.003223. Individual comparison alpha = 0.0001345 (1 of 2). Assumes 11 future values.

Constituent: Chloride Analysis Run 6/10/2025 3:37 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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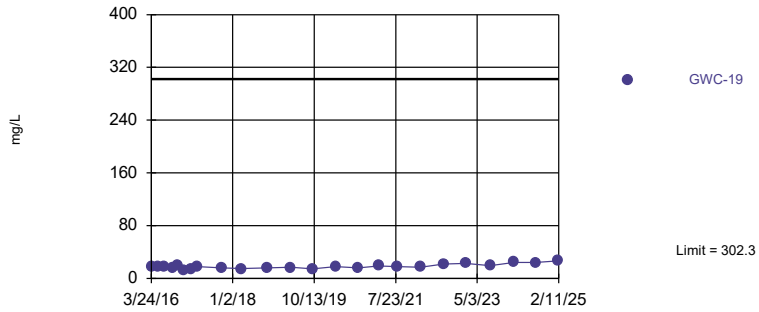
Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 118 background values. Annual per-constituent alpha = 0.00336. Individual comparison alpha = 0.0001402 (1 of 2). Assumes 11 future values.

Constituent: Sulfate Analysis Run 6/10/2025 3:37 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/10/2025 3:38 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-3 (bg)	GWA-11 (bg)	GWA-4 (bg)	GWA-2 (bg)	GWC-9
3/22/2016	13.9	79.3	23.8	123	47.4	
3/23/2016						36
5/17/2016	15.6	75.8	21.5	99.2	45.5	
5/18/2016						37.3
7/5/2016	15.7	65.3			40.5	
7/6/2016			20.6	109		32.8
9/7/2016	18.2	59.8	16.7	67.2	37.3	
9/8/2016						32.1
10/18/2016	17.7	72.4	20.3	77.9	46.6	
10/19/2016						35
12/6/2016	16.9	78.6	19.7	93.3		
12/7/2016					43.5	
12/8/2016						33.4
1/31/2017	17.9				39.2	
2/1/2017		85	18.1	92.8		
2/2/2017						34.3
3/23/2017	13.9	81.2			38.7	
3/24/2017			21.1	96.3		
3/27/2017						34.9
10/4/2017	15.9	78.8		75.1	36.5	
10/5/2017			20.1			34.7
3/14/2018	<25				39.5	
3/15/2018		83.5	<25	69.9		35.3
10/4/2018	15.9 (J)	75.2	21.3 (J)	77.8	41.7	
10/5/2018						37.8
4/5/2019		76.5				
4/8/2019	15.7		22.4	86.6	44.1	36.3
9/30/2019	17.6	74.7	19.6	78.3	44.6	
10/1/2019						37.2
3/26/2020	14	78.7	22.4	87.4	43.2	
3/27/2020						34.3
9/21/2020					45.8	
9/22/2020			19.5			
9/23/2020	17.6	76.2		74.9		
9/24/2020						35.9
3/8/2021	16.2	73.5	22	87.2		
3/9/2021					48.7	36.8
8/9/2021	20.2	73.2		69.7	49.9	
8/10/2021			20.8			38.1
2/4/2022	18.3	59	23.7	97.3	57.6	39.8
8/8/2022	17.2	61	21.1	68.9	51.2	
8/9/2022						38.6
1/30/2023	15.8	53.1	20.4	73.6	46.8	
1/31/2023						34.1
8/14/2023	17.2	57.2	21.8	73.5	53.1	
8/15/2023						37.6
2/19/2024	17.9	59	21.4	81.3	54	
2/20/2024						38.9
8/10/2024					59.2	
8/11/2024	19.3	69.4	20.8	83		40.1
2/11/2025	14.1	65.7	21	76	57.2	40.9

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/10/2025 3:38 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-11 (bg)	GWA-3 (bg)	GWA-2 (bg)	GWA-4 (bg)	GWC-21
3/22/2016	1.1933	1.3137	4.0352	2.0975	5.549	
3/24/2016						2.461
5/17/2016	1.14	1.29	3.81	2.1	6.74	
5/18/2016						2.61
7/5/2016	1.4		4	2.4		
7/6/2016		1.6			5.2	
7/7/2016						2.8
9/7/2016	1	1.5	4.2	2.5	7.2	
9/8/2016						2.3
10/18/2016	1.1	1.6	4.4	2.7	7.4	
10/19/2016						2.4
12/6/2016	1	1.2	4.6		7.6	
12/7/2016				2.6		2.2
1/31/2017	1.2			2.5		
2/1/2017		2.1	3.7		8.5	
2/2/2017						3.4
3/23/2017	1.1		3.5	2		
3/24/2017		1.3			7	
3/27/2017						2.7
10/4/2017	1.1		3.6	2.2	7.4	
10/5/2017		1.3				3.3
3/14/2018	1.2			2.4		
3/15/2018		1.6	3.8		1.7	3.6
5/15/2018						3.2
10/4/2018	1.4	1.8	3.4	2.5	6.1	2.4
4/5/2019			4.2			
4/8/2019	1.1	1.3		2.6	3.6	
4/9/2019						2.6
9/30/2019	1.4	1.5	4.1	3	7.5	
10/1/2019						2
3/26/2020	1.1	1.4	2.6	2	5.4	
3/31/2020						1.5
9/21/2020				2.1		
9/22/2020		1				
9/23/2020	1.6		2.8		4.2	
9/24/2020						1.8
3/8/2021	1.1	1.3	2.8		5.6	
3/9/2021				2.1		1.8
8/9/2021	1.1		2.1	2.4	3	
8/10/2021		1.2				2
2/4/2022	0.99 (J)	1.2	1.1	2.3	3.3	
2/7/2022						2.7
8/8/2022	1.2	1.3	1.9	2.5	2.4	
8/9/2022						4
1/30/2023	1.1	1.2	1.2	2.2	3.4	
1/31/2023						1.5
8/14/2023	0.99 (J)	1	1.3	2.2	2.5	
8/15/2023						5.3
2/19/2024	1.2	1.2	1.2	2.3	3.6	
2/20/2024						5
8/10/2024				2.6		
8/11/2024	1.1	1.3	1.5		3.6	10

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/10/2025 3:38 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-11 (bg)	GWA-3 (bg)	GWA-2 (bg)	GWA-4 (bg)	GWC-21
12/3/2024						5.4
2/11/2025	1.3	1.3	1.3	2.7	2	5.5

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/10/2025 3:38 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-11 (bg)	GWA-3 (bg)	GWA-2 (bg)	GWA-4 (bg)	GWC-19
3/22/2016	4.4409	11.6823	107.476	13.0789	302.2975	
3/24/2016						16.8473
5/17/2016	4.43	11.4	106	15.3	213	
5/18/2016						18.4
7/5/2016	4.6		110	15		
7/6/2016		12			280	17
9/7/2016	4.8	13	83	16	160	
9/8/2016						16
10/18/2016	4.7	13	110	16	120	19
12/6/2016	4.7	12	220 (O)		210	
12/7/2016				15		13
1/31/2017	5.1			13		
2/1/2017		13	190 (O)		200	
2/2/2017						14
3/23/2017	4.7		160	12		
3/24/2017		12			140	
3/27/2017						18
10/4/2017	5		140	12	140	
10/5/2017		13				16
3/14/2018	5.1			13.9		
3/15/2018		12.2	119		167	14.8
10/4/2018	5.2	15.6	117	17.4	209	15.9
4/5/2019			131			
4/8/2019	4.6	13.2		18.1	248	
4/9/2019						16.7
9/30/2019	4.9	11.5	118	17.5	117	
10/1/2019						14.7
3/26/2020	5	10.8	95.8	15.6	128	
3/31/2020						17.8
9/21/2020				18.2		
9/22/2020		9.8				
9/23/2020	6.6		95.6		123	
9/28/2020						15.8
3/8/2021	4.6	11.5	99.5		152	
3/9/2021				16.8		
3/10/2021						18.7
8/9/2021	4.7		93.3	23.2	106	
8/10/2021		11.2				17.8
2/4/2022	4	10.4	73.5	21.1	170	
2/7/2022						16.9
8/8/2022	4.1	10.2	78.9	23.3	116	
8/9/2022						21.9
1/30/2023	3.8	9.5	78.4	19.8	156	
1/31/2023						22.8
8/14/2023	3.9	8.9	72.3	23.4	122	
8/15/2023						19.1
2/19/2024	5.1	9.9	103	23.7	138	
2/20/2024						24.3
8/10/2024				33.1		
8/11/2024	3.9	9.3	87.2		116	
8/12/2024						24
2/11/2025	3.7	9.7	94.4	33.8	155	26.8

FIGURE G.

Appendix III Trend Tests - Significant Results

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 6/10/2025, 3:42 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Calcium (mg/L)	**GWA-2 (bg)**	**1.834**	**152**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWA-3 (bg)**	**-1.539**	**-113**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWC-9**	**0.6553**	**145**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWA-3 (bg)**	**-0.3586**	**-178**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWA-4 (bg)**	**-0.5041**	**-122**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWA-2 (bg)**	**1.369**	**187**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWA-3 (bg)**	**-3.596**	**-96**	**-92**	**Yes**	**22**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWA-4 (bg)**	**-8.784**	**-114**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWA-11 (bg)**	**-0.3649**	**-144**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWC-19**	**0.7984**	**118**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**

Appendix III Trend Tests - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 6/10/2025, 3:42 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Calcium (mg/L)	GWA-1 (bg)	0.185	60	105	No	24	4.167	n/a	0.01	NP
Calcium (mg/L)	**GWA-2 (bg)**	**1.834**	**152**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWA-3 (bg)**	**-1.539**	**-113**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	GWA-4 (bg)	-1.806	-82	-105	No	24	0	n/a	0.01	NP
Calcium (mg/L)	GWA-11 (bg)	0.1033	31	105	No	24	4.167	n/a	0.01	NP
Calcium (mg/L)	**GWC-9**	**0.6553**	**145**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	GWA-1 (bg)	0	-5	-105	No	24	0	n/a	0.01	NP
Chloride (mg/L)	GWA-2 (bg)	0.01295	29	105	No	24	0	n/a	0.01	NP
Chloride (mg/L)	**GWA-3 (bg)**	**-0.3586**	**-178**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWA-4 (bg)**	**-0.5041**	**-122**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	GWA-11 (bg)	-0.0256	-90	-105	No	24	0	n/a	0.01	NP
Chloride (mg/L)	GWC-21	0.2552	66	118	No	26	0	n/a	0.01	NP
Sulfate (mg/L)	GWA-1 (bg)	-0.06835	-52	-105	No	24	0	n/a	0.01	NP
Sulfate (mg/L)	**GWA-2 (bg)**	**1.369**	**187**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWA-3 (bg)**	**-3.596**	**-96**	**-92**	**Yes**	**22**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWA-4 (bg)**	**-8.784**	**-114**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWA-11 (bg)**	**-0.3649**	**-144**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWC-19**	**0.7984**	**118**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**

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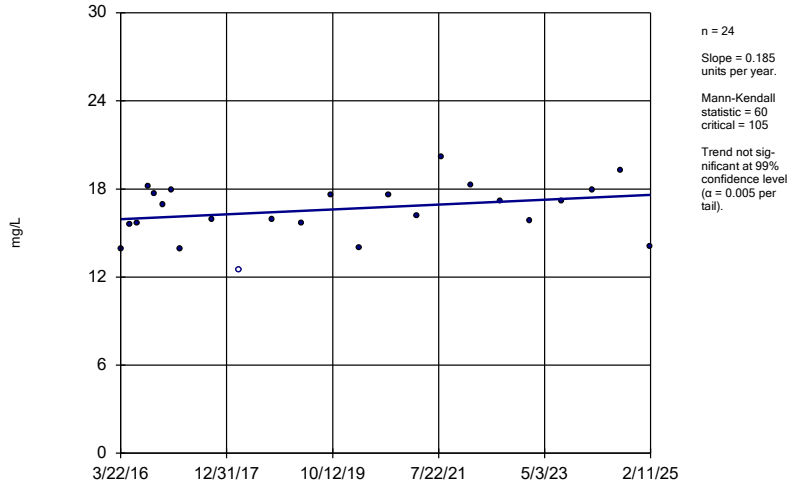
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-1 (bg)



n = 24

Slope = 0.185 units per year.

Mann-Kendall statistic = 60 critical = 105

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 6/10/2025 3:39 PM View: Appendix III Trend Tests

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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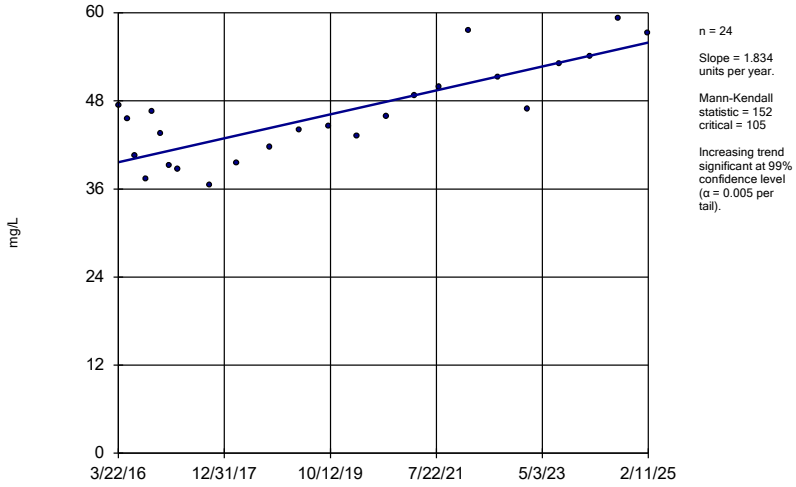
Sen's Slope Estimator

GWA-2 (bg)



n = 24

Slope = 1.834 units per year.

Mann-Kendall statistic = 152 critical = 105

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 6/10/2025 3:39 PM View: Appendix III Trend Tests

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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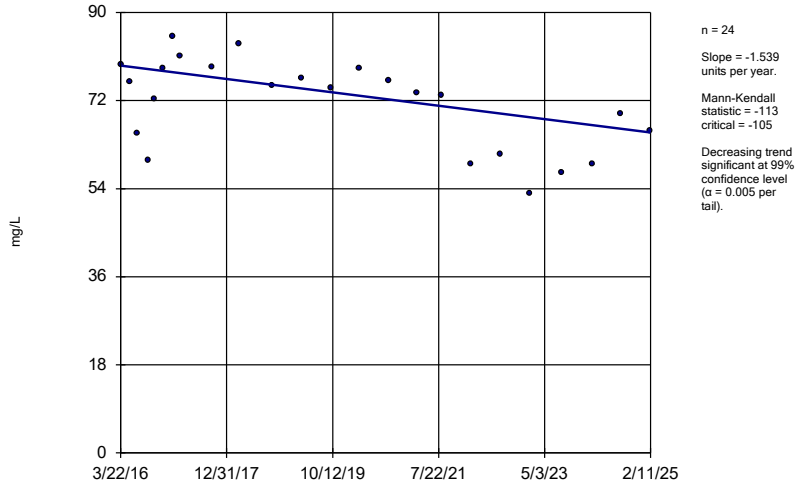
Sen's Slope Estimator

GWA-3 (bg)



n = 24

Slope = -1.539 units per year.

Mann-Kendall statistic = -113 critical = -105

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 6/10/2025 3:39 PM View: Appendix III Trend Tests

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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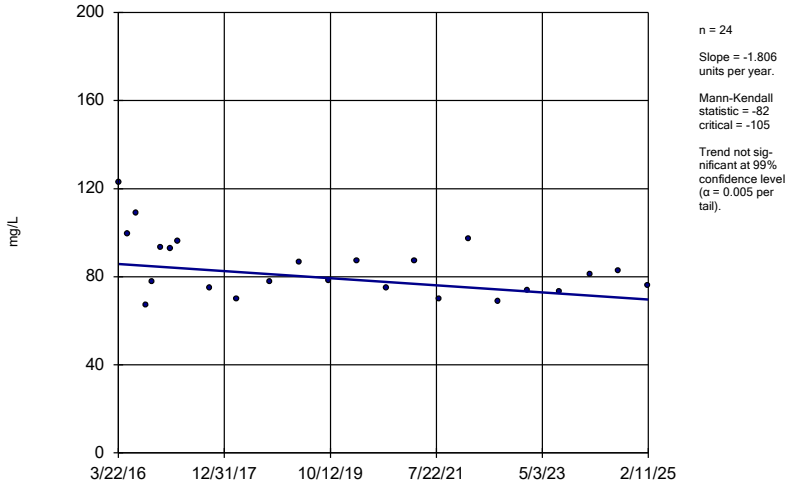
Sen's Slope Estimator

GWA-4 (bg)



n = 24

Slope = -1.806 units per year.

Mann-Kendall statistic = -82 critical = -105

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 6/10/2025 3:39 PM View: Appendix III Trend Tests

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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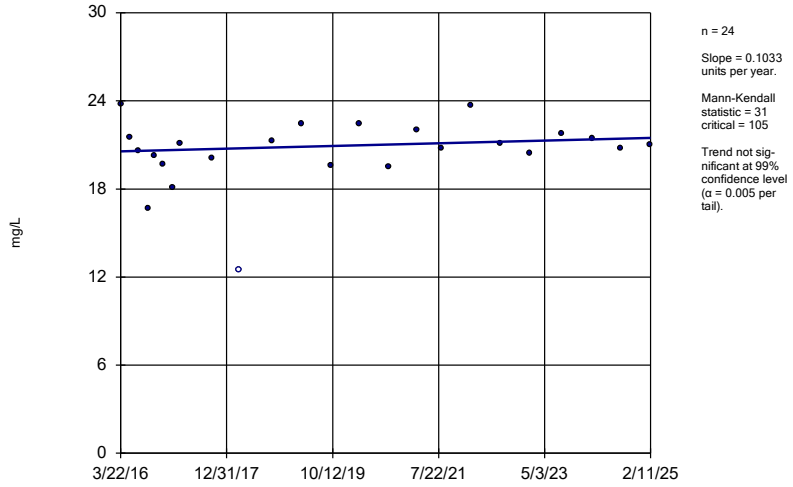
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-11 (bg)



n = 24

Slope = 0.1033 units per year.

Mann-Kendall statistic = 31 critical = 105

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 6/10/2025 3:39 PM View: Appendix III Trend Tests

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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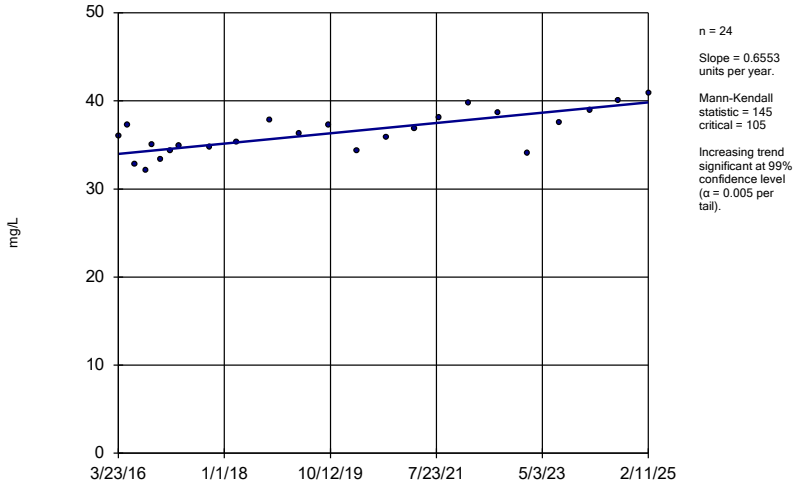
Sen's Slope Estimator

GWC-9



n = 24

Slope = 0.6553 units per year.

Mann-Kendall statistic = 145 critical = 105

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 6/10/2025 3:39 PM View: Appendix III Trend Tests

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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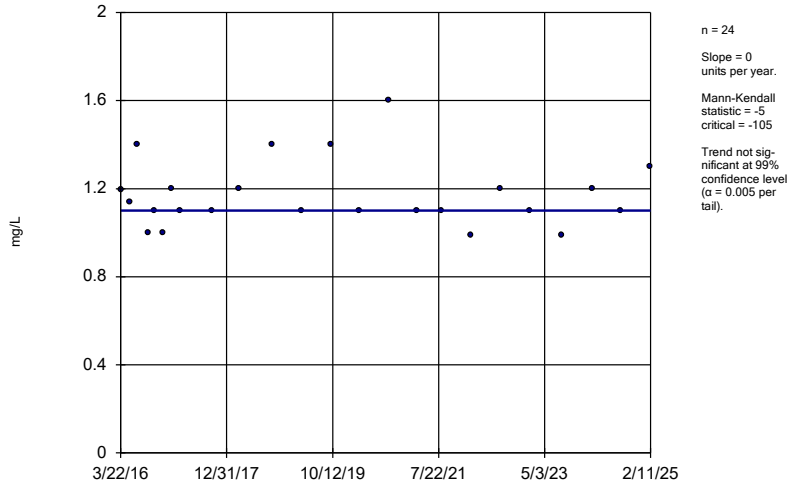
Sen's Slope Estimator

GWA-1 (bg)



n = 24

Slope = 0 units per year.

Mann-Kendall statistic = -5 critical = -105

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 6/10/2025 3:39 PM View: Appendix III Trend Tests

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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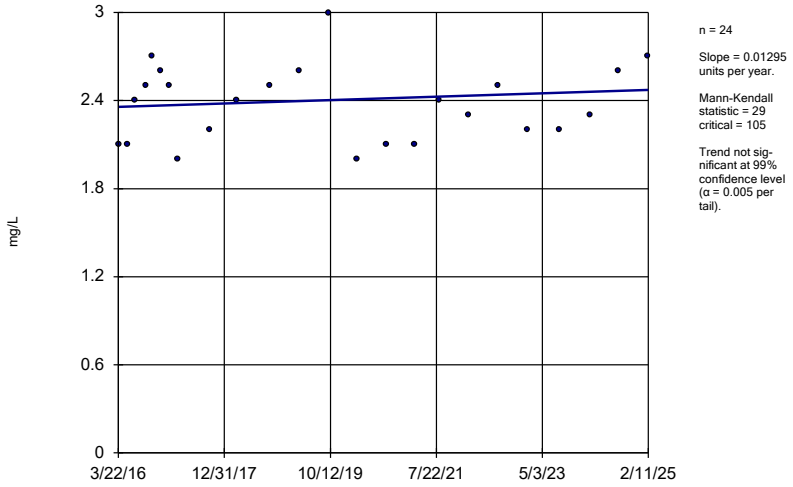
Sen's Slope Estimator

GWA-2 (bg)



n = 24

Slope = 0.01295 units per year.

Mann-Kendall statistic = 29 critical = 105

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 6/10/2025 3:39 PM View: Appendix III Trend Tests

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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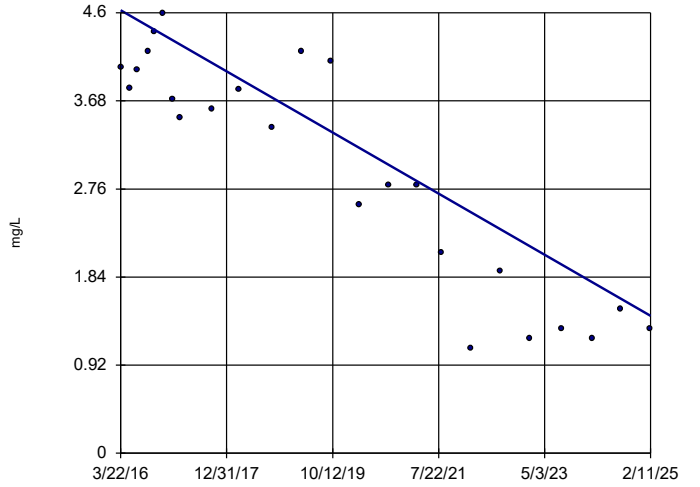
Sen's Slope Estimator

GWA-3 (bg)



n = 24

Slope = -0.3586 units per year.

Mann-Kendall statistic = -178 critical = -105

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 6/10/2025 3:39 PM View: Appendix III Trend Tests

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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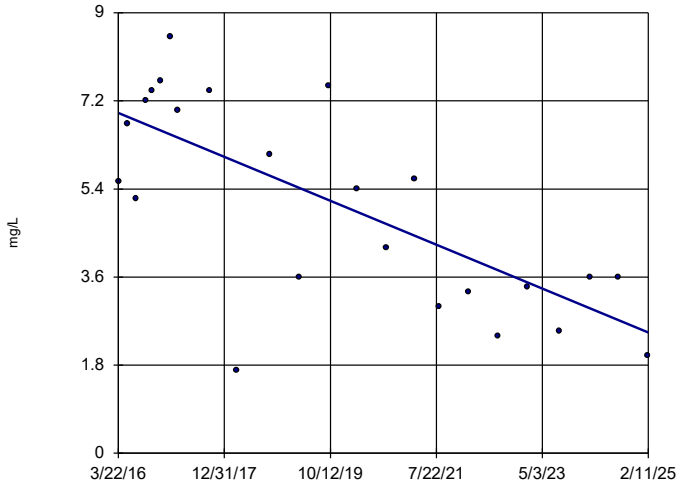
Sen's Slope Estimator

GWA-4 (bg)



n = 24

Slope = -0.5041 units per year.

Mann-Kendall statistic = -122 critical = -105

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 6/10/2025 3:39 PM View: Appendix III Trend Tests

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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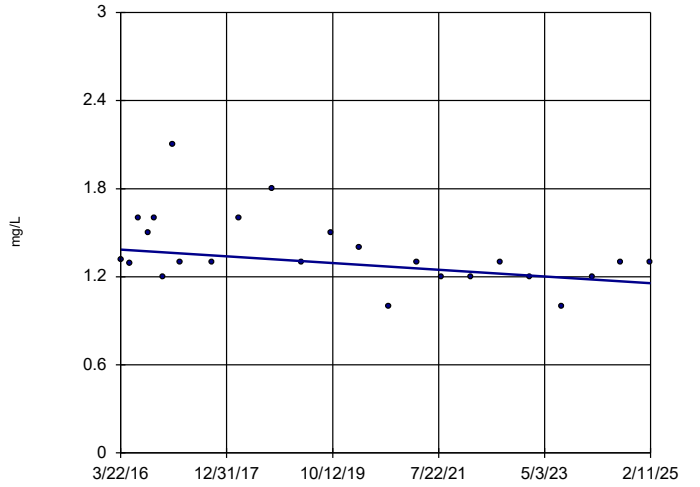
Sen's Slope Estimator

GWA-11 (bg)



n = 24

Slope = -0.0256 units per year.

Mann-Kendall statistic = -90 critical = -105

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 6/10/2025 3:39 PM View: Appendix III Trend Tests

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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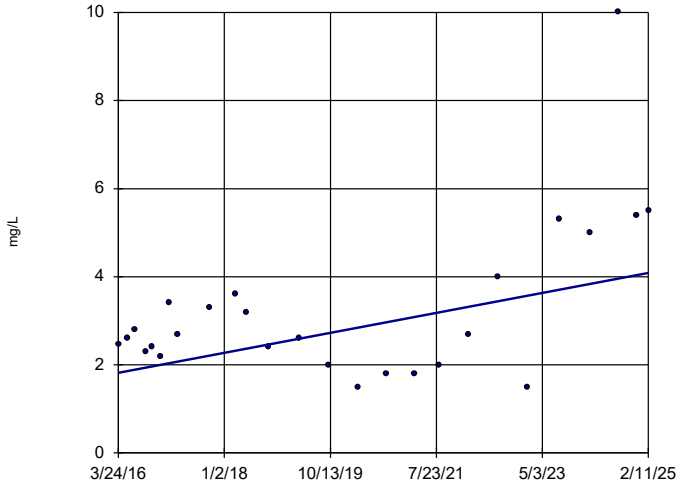
Sen's Slope Estimator

GWC-21



n = 26

Slope = 0.2552 units per year.

Mann-Kendall statistic = 66 critical = 118

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 6/10/2025 3:39 PM View: Appendix III Trend Tests

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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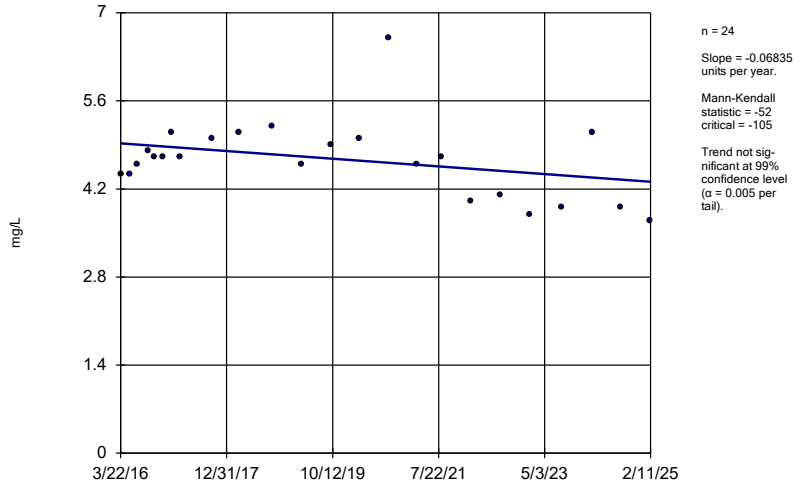
Sen's Slope Estimator

GWA-1 (bg)



n = 24

Slope = -0.06835 units per year.

Mann-Kendall statistic = -52 critical = -105

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 6/10/2025 3:39 PM View: Appendix III Trend Tests

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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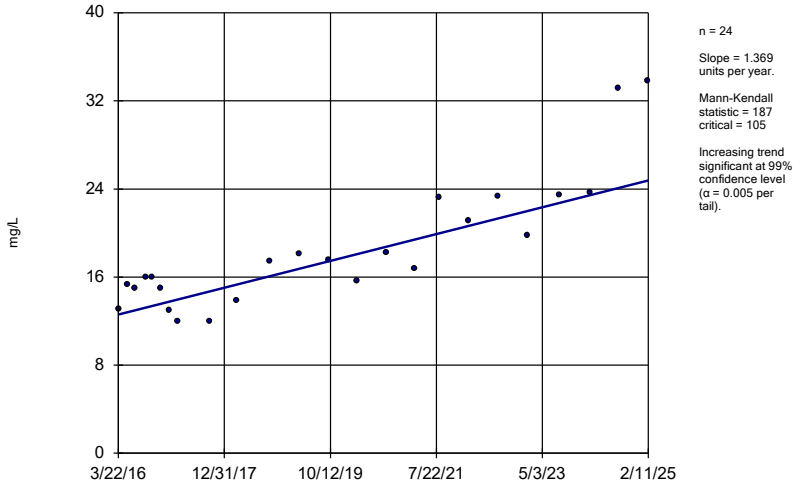
Sen's Slope Estimator

GWA-2 (bg)



n = 24

Slope = 1.369 units per year.

Mann-Kendall statistic = 187 critical = 105

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 6/10/2025 3:39 PM View: Appendix III Trend Tests

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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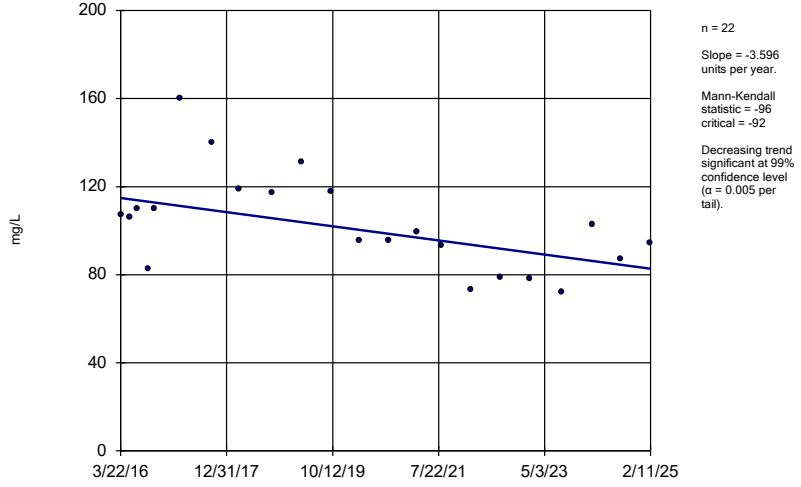
Sen's Slope Estimator

GWA-3 (bg)



n = 22

Slope = -3.596 units per year.

Mann-Kendall statistic = -96 critical = -92

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 6/10/2025 3:39 PM View: Appendix III Trend Tests

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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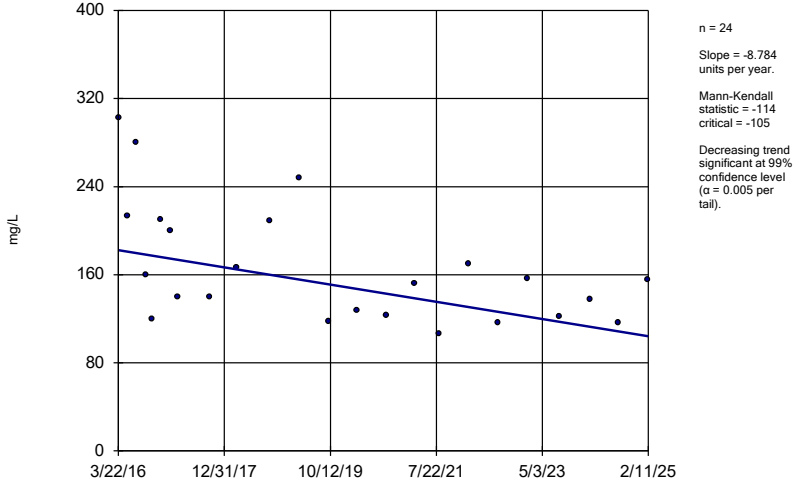
Sen's Slope Estimator

GWA-4 (bg)



n = 24

Slope = -8.784 units per year.

Mann-Kendall statistic = -114 critical = -105

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 6/10/2025 3:39 PM View: Appendix III Trend Tests

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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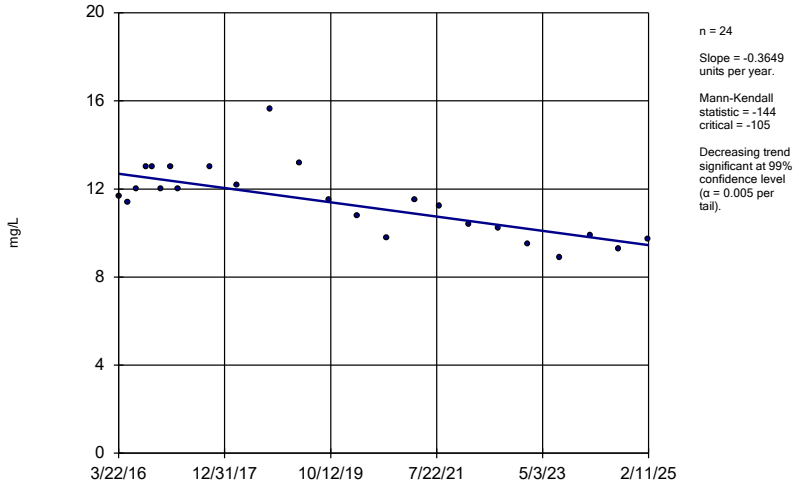
Sen's Slope Estimator

GWA-11 (bg)



n = 24

Slope = -0.3649 units per year.

Mann-Kendall statistic = -144 critical = -105

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 6/10/2025 3:39 PM View: Appendix III Trend Tests

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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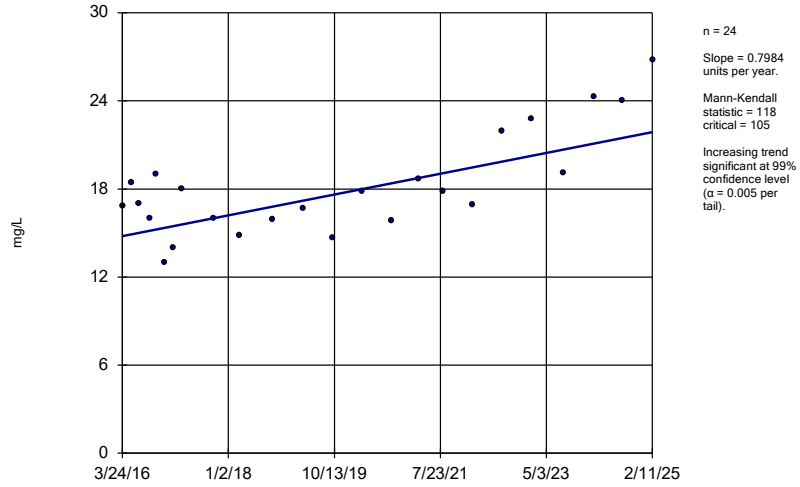
Sen's Slope Estimator

GWC-19



n = 24

Slope = 0.7984 units per year.

Mann-Kendall statistic = 118 critical = 105

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 6/10/2025 3:39 PM View: Appendix III Trend Tests

Plant Hammond Client: Southern Company Data: Huffaker Road LF