Prepared for

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2026 SEMIANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT

PLANT HAMMOND HUFFAKER ROAD LANDFILL

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CERTIFICATION STATEMENT

This *2026 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 31, 2026

Whitney B. Law Date

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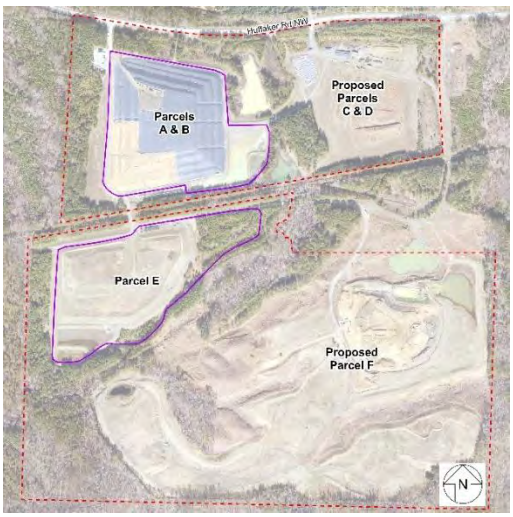
SUMMARY

This summary of the *2026 Semiannual Groundwater Monitoring and Corrective Action Report* provides the status of groundwater monitoring and corrective action program for the reporting period of January through June 2026 (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 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

[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 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. Additional wells were installed in November 2025 to support Parcel F construction and to supplement the existing monitoring network at Parcel A&B and E. Background groundwater sampling for these wells commenced in February 2026 in accordance with § 257.94. During the reporting period, background sampling events were completed in February and May 2026 and will continue on a quarterly basis until the minimum of eight baseline sampling events required under the Groundwater Monitoring Program (GWMP) has been achieved.

During the semiannual reporting period, Geosyntec conducted one groundwater sampling event in February 2026. Groundwater samples were submitted to Pace Analytical Services, LLC, for analysis. Per the federal CCR Rule, groundwater results for the February 2026 data sets were evaluated in accordance with the certified statistical methods. Verified Appendix III[2] constituent constituents with statistically significant increases (SSIs) are provided in the table below and will be addressed by an alternate source demonstration (ASD).

Appendix III Constituent	February 2026
Chloride	GWC-21

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

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

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LIST OF ACRONYMS

ASD	Alternate Source Demonstration
CCR	coal combustion residuals
CFR	Code of Federal Regulations
cm/sec	centimeters per second
D&O	Design and Operations
DO	dissolved oxygen
ft	feet
ft/ft	feet per foot
ft/day	feet per day
GA EPD	Georgia Environmental Protection Division
Georgia Power	Georgia Power Company
Geosyntec	Geosyntec Consultants, Inc.
GSC	Groundwater Stats Consulting
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 *2026 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 December 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. In February 2025 Georgia Power submitted an updated permit application, including the proposed expansion, as well as responses to GA EPD comments on the 2018 CCR permit submittal for Huffaker Road Landfill. In May 2026, Georgia Power submitted a third response to GA EPD comments letter. 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.

Additional wells were installed during the semiannual reporting period, as described in Section 2. 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

Following submittal of a Well Installation Workplan in October 2025, Georgia Power installed additional wells at Parcels A&B and E and proposed Parcel F in November/December 2025. Following well survey and well development, a well installation report was submitted to GA EPD under separate cover in March 2026. The well installation report that includes detailed boring and well construction logs for the installation of these wells is provided in **Appendix A**.

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 2026, monitoring wells were inspected, necessary corrective actions were identified and subsequently completed, as documented in **Appendix B**. This documentation was performed under the direction of a professional geologist or engineer registered in the State of Georgia.

2.2 Detection Monitoring

Georgia Power currently monitors groundwater associated with the landfill under the detection groundwater monitoring program in accordance with federal CCR Rule § 257.94 and Solid Waste Management Rule 391-3-4-.14(22). The semiannual detection monitoring events occurred in February 2026 (**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

Additional groundwater samples were collected from the entire detection monitoring well network during the February 2026 monitoring event (**Table 2**) and were analyzed for additional major ions [magnesium, potassium, sodium and alkalinity (bicarbonate, carbonate, total)]. 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 C**.

Additionally, a resampling event was conducted in May 2026 to verify initial statistical exceedances of chloride and pH in wells GWC-21 and GWC-18, respectively. Laboratory analytical reports associated with these data are included in **Appendix C**.

During this semiannual reporting period, additional samples were also collected at the newly installed wells at Parcel AB&E as well as proposed Parcel F to characterize background groundwater conditions, as shown on **Table 2**. For each background event (February and May 2026), the samples were analyzed for the complete list of Appendix III and Appendix IV constituents. The laboratory reports associated with the groundwater sampling events are provided in **Appendix C**.

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 as well as background sampling for newly installed wells 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 2026 detection monitoring event and used to calculate the corresponding groundwater elevations, which are presented in **Table 3**. The February 2026 reported elevations are generally consistent with groundwater elevations reported for prior monitoring events.

The groundwater elevation data were used to prepare a potentiometric surface map for the February 2026 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 2026 event, and between three 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. The horizontal hydraulic gradient was calculated for Parcels A and B using wells GWA-1 and GWC-7, for Parcel E using wells GWC-9 and GWC-20, and for Parcel F using wells GWC-25 and GWC-34. 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 average hydraulic gradient underneath Parcels A and B applying the data from February 2026, was calculated to be 0.022 feet per foot (ft/ft), the average hydraulic gradient underneath Parcel E was calculated to be 0.016 ft/ft, and the average hydraulic gradient underneath Parcel F was calculated to be 0.028 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). For Parcels A&B and E 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). For Parcel F the average hydraulic conductivity for this zone (0.512 ft/day) was computed from slug test data derived from nine locations across the site (Georgia Power, 2026). An estimated effective porosity of 0.20 is used for the flow rate calculation, based on interpreted values for weathered shale (Freeze/Cherry, 1979). With these variables determined, and accounting for the hydraulic gradients discussed above, the groundwater flow velocity underneath Parcels A and B for February 2026 was calculated to be 0.027 ft/day. Similarly, the groundwater flow velocity underneath Parcel E was calculated to be 0.020 ft/day for February 2026, and the groundwater flow velocity underneath Parcel F in February 2026 was calculated to be 0.073 ft/day. Calculated groundwater velocities across the Site for A&B and E 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. During the background event in May 2026, one filtered sample was collected in addition to the unfiltered sample due to elevated turbidity recorded over prolonged purge times. 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 C**.

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 C**. The groundwater results from the February 2026 detection monitoring are summarized in **Table 5**.

3.5 Quality Assurance and Quality Control

Quality assurance/quality control (QA/QC) samples were collected during the detection and background 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 2026 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 2026 groundwater data for Appendix III constituents was performed pursuant to § 257.93 and in accordance with the site's groundwater monitoring plan. Statistical analyses of the February 2026 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 2025 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 2026 groundwater data were analyzed by GSC, with the results from these analyses presented in the statistical analysis report included in **Appendix D**. Summaries of the statistical analysis are presented below for the semiannual reporting period.

4.2.1 February 2026 Semiannual Event

Based on the results of the Appendix I intrawell prediction limits, no statistically significant increases were identified among downgradient wells.

Based on the results of the Appendix III intrawell prediction limits, followed by the two-step approach as well as the resamples, a statistically significant increase was identified for chloride in GWC-21. An initial exceedance of pH in GWC-18 was not confirmed following the two-step approach as well as resample efforts. Georgia Power is currently preparing an alternate source demonstration (ASD) for the chloride exceedance in GWC-21.

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 *2026 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). An SSI for chloride in GWC-21 was identified during the February 2026 groundwater monitoring event, and verified during a resample event in May 2026. 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) while Georgia Power prepares an alternate ASD for the chloride exceedance in GWC-21. The next routine semiannual assessment monitoring event is scheduled for February 2026.

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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
Huffaker Road Landfill Parcels A, B, and E											
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
GWA-11	Detection	Upgradient	1564946.55	1952008.03	679.57	682.36	656.76	646.76	35.90	Clay/PWR	07/21/2006
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
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-21A[3]	Detection	Downgradient	1562245.45	1951881.42	618.61	622.18	608.65	598.65	23.93	PWR/Bedrock	12/17/2025
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
GWC-42[3]	Detection	Downgradient	1564784.00	1953564.34	646.72	650.42	637.96	627.96	22.86	Bedrock	12/17/2025
GWC-43[3]	Detection	Downgradient	1563973.91	1952838.44	653.66	656.54	638.59	628.59	28.35	PWR/Bedrock	12/17/2025
GWC-44[3]	Detection	Downgradient	1562567.86	1952712.57	635.27	638.51	595.70	585.70	53.21	Bedrock	12/17/2025
Huffaker Road Landfill Proposed Parcel F											
GWA-24[4]	Detection	Upgradient	1561197.89	1955032.81	737.16	740.29	702.14	692.14	48.55	PWR/Bedrock	12/09/2025
GWA-25[4]	Detection	Upgradient	1561196.82	1954680.49	733.88	736.81	699.26	689.26	47.95	PWR/Bedrock	12/09/2025
GWA-26[4]	Detection	Upgradient	1561200.56	1954176.71	710.47	713.48	684.73	674.73	39.15	PWR/Bedrock	12/09/2025
GWA-27[4]	Detection	Upgradient	1561177.99	1953658.88	703.25	705.88	678.48	668.48	37.80	PWR/Bedrock	12/09/2025
GWC-28[4]	Detection	Downgradient	1561621.84	1953480.08	691.39	693.98	643.49	633.49	60.89	PWR/Bedrock	12/17/2025
GWC-29[4]	Detection	Downgradient	1562052.07	1953386.92	659.85	662.58	631.14	621.14	41.84	Bedrock	12/17/2025
GWC-30[4]	Detection	Downgradient	1562498.35	1953404.35	646.99	650.36	607.24	597.24	53.52	Bedrock	12/17/2025
GWC-31[4]	Detection	Downgradient	1562715.87	1953734.42	645.83	649.06	616.20	606.20	43.26	Bedrock	12/18/2025
GWC-32[4]	Detection	Downgradient	1562925.91	1954123.20	660.73	663.52	620.72	610.72	53.20	Bedrock	12/18/2025
GWC-33[4]	Detection	Downgradient	1563142.50	1954520.43	668.40	671.54	633.98	623.98	47.96	Bedrock	12/09/2025
GWC-34[4]	Detection	Downgradient	1563224.12	1954847.75	650.93	653.58	621.10	611.10	42.88	Bedrock	12/18/2025
GWC-35[4]	Detection	Downgradient	1563144.04	1955293.62	664.11	666.89	619.21	609.21	58.08	Bedrock	12/17/2025
GWC-36[4]	Detection	Downgradient	1563357.28	1955663.41	658.33	661.86	628.53	618.53	43.73	PWR/Bedrock	12/18/2025
GWC-37[4]	Detection	Downgradient	1562982.33	1955965.18	659.76	662.61	629.84	619.84	43.17	Bedrock	12/18/2025
GWC-38[4]	Detection	Downgradient	1562536.50	1955993.92	668.52	671.39	648.50	638.50	33.29	Bedrock	12/18/2025
GWC-39[4]	Detection	Downgradient	1562032.73	1955844.00	660.78	663.92	646.87	636.87	27.45	Bedrock	12/17/2025
GWC-40[4]	Detection	Downgradient	1561590.59	1955730.40	716.34	719.23	676.88	666.88	52.75	PWR/Bedrock	12/09/2025
GWC-41[4]	Detection	Downgradient	1561294.86	1955437.36	708.55	711.28	661.54	651.54	60.14	PWR/Bedrock	12/17/2025

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. Survey points measured at nail or known reference point. Well screen elevations are calculated by subtracting the depths to top and bottom of the well screen from the ground surface elevation.
(2) Total well depth accounts for sump if data provided on well construction logs.
(3) Wells GWC-21A, GWC-42, GWC-43 and GWC-44 were installed in December 2025 to supplement the existing monitoring well network at Parcels A,B, and E.
(4) Wells GWA-24 through GWA-27, and GWC-28 through GWC-41 were installed in December 2025 to establish a new monitoring well network at Proposed Parcel F.

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

Well ID	Hydraulic Location	Well Designation	February 07 2026 - February 10 2026	February 16 2026 - February 22 2026	May 01 2026	May 18 2026 - May 22 2026
			Detection Event	Background Event #1	Resampling Event[1]	Background Event #2
Huffaker Road Landfill Parcels A, B, and E						
GWA-1	Upgradient	Detection	X			
GWA-2	Upgradient	Detection	X			
GWA-3	Upgradient	Detection	X			
GWA-4	Upgradient	Detection	X			
GWA-11	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			
GWC-18	Downgradient	Detection	X		X	
GWC-19	Downgradient	Detection	X			
GWC-20	Downgradient	Detection	X			
GWC-21	Downgradient	Detection	X		X	
GWC-21A	Downgradient	Detection		X		X
GWC-22	Downgradient	Detection	X			
GWC-23	Downgradient	Detection	X			
GWC-42	Downgradient	Detection		X		X
GWC-43	Downgradient	Detection		X		X
GWC-44	Downgradient	Detection		X		X
Huffaker Road Landfill Landfill Parcel F						
GWA-24	Upgradient	Detection		X		X
GWA-25	Upgradient	Detection		X		X
GWA-26	Upgradient	Detection		X		X
GWA-27	Upgradient	Detection		X		X
GWC-28	Downgradient	Detection		X		X
GWC-29	Downgradient	Detection		X		X
GWC-30	Downgradient	Detection		X		X
GWC-31	Downgradient	Detection		X		X
GWC-32	Downgradient	Detection		X		X
GWC-33	Downgradient	Detection		X		X
GWC-34	Downgradient	Detection		X		X
GWC-35	Downgradient	Detection		X		X
GWC-36	Downgradient	Detection		X		X
GWC-37	Downgradient	Detection		X		X
GWC-38	Downgradient	Detection		X		X
GWC-39	Downgradient	Detection		X		X
GWC-40	Downgradient	Detection		X		X
GWC-41	Downgradient	Detection		X		X

Notes:
X - Indicates well sampled during event
Detection Event includes Appendix I/III analytes.
Background Events include Appendix III/IV analytes.
(1) A resampling event was conducted at GWC-18 for pH and GWC-21 for chloride to confirm statistically significant exceedances identified during the statistical evaluation.

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

		February 02 2026		February 16 2026	
		Detection Event		Background Event #1	
Well ID	Top of Casing Elevation[1] (feet)	Depth to Water (feet)	Groundwater Elevation[1] (feet)	Depth to Water (feet)	Groundwater Elevation[1] (feet)
Huffaker Road Landfill Parcels A, B, and E					
GWA-1	701.96	12.59	689.37	--	--
GWA-2	681.59	6.05	675.54	--	--
GWA-3	659.24	4.64	654.60	--	--
GWA-4	656.93	9.70	647.23	--	--
GWA-11	682.36	16.48	665.88	--	--
GWC-5	649.42	5.23	644.19	--	--
GWC-6	656.35	16.13	640.22	--	--
GWC-7	657.20	15.76	641.44	--	--
GWC-8	656.64	13.00	643.64	--	--
GWC-9	659.46	14.97	644.49	--	--
GWC-10	667.58	15.04	652.54	--	--
GWC-18	641.31	13.20	628.11	--	--
GWC-19	642.89	19.84	623.05	--	--
GWC-20	625.76	3.99	621.77	--	--
GWC-21	618.33	4.86	613.47	--	--
GWC-21A	622.18	--	--	4.83	617.35
GWC-22	625.00	2.64	622.36	--	--
GWC-23	654.84	10.05	644.79	--	--
GWC-42	650.42	--	--	6.39	644.03
GWC-43	656.54	--	--	11.73	644.81
GWC-44	638.51	--	--	17.48	621.03
Huffaker Road Landfill Proposed Parcel F					
GWA-24	740.29	--	--	36.03	704.26
GWA-25	736.81	--	--	31.54	705.27
GWA-26	713.48	--	--	18.92	694.56
GWA-27	705.88	--	--	22.34	683.54
GWC-28	693.98	--	--	30.64	663.34
GWC-29	662.58	--	--	24.74	637.84
GWC-30	650.36	--	--	11.00	639.36
GWC-31	649.06	--	--	12.30	636.76
GWC-32	663.52	--	--	23.31	640.21
GWC-33	671.54	--	--	24.22	647.32
GWC-34	653.58	--	--	6.26	647.32
GWC-35	666.89	--	--	23.01	643.88
GWC-36	661.86	--	--	15.61	646.25
GWC-37	662.61	--	--	21.02	641.59
GWC-38	671.39	--	--	25.13	646.26
GWC-39	663.92	--	--	8.41	655.51
GWC-40	719.23	--	--	32.07	687.16
GWC-41	711.28	--	--	31.79	679.49

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	Parcel	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)	Hydraulic Conductivity (K_h) (ft/day)	Estimated Effective Porosity (n_e)	Calculated Groundwater Flow Velocity (V) (ft/day)	Calculated Groundwater Flow Velocity (V) (ft/year)
February 2026	GWA-1 to GWC-7	A&B	689.37	641.44	47.93	2,188	0.022	0.248	0.20	0.027	9.9
February 2026	GWC-9 to GWC-20	E	644.49	621.77	22.72	1,411	0.016	0.248	0.20	0.020	7.3
February 2026	GWC-25 to GWC-34	F	705.27	647.32	57.95	2,046	0.028	0.512	0.20	0.073	26.5

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 0.248 feet per day (ft/day) for Parcels A&B, C D and E was computed from slug test data derived from five locations across the site.
Average horizontal hydraulic conductivity (K_h) of 0.512 per day (ft/day) for Parcel F was computed from slug test data derived from nine 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
Groundwater Analytical Data Summary
Georgia Power Company
Plant Hammond - Huffaker Road Landfill
Floyd County, GA

	Sample Location	GWA-1	GWA-2	GWA-3	GWA-4	GWA-11	GWC-5	GWC-6	GWC-7	GWC-8
	Sample Date	02/08/2026	02/08/2026	02/08/2026	02/07/2026	02/08/2026	02/08/2026	02/09/2026	02/09/2026	02/09/2026
ANALYTE	UNITS									
APPENDIX III										
Boron	mg/L	0.019 J	0.088	0.10	0.081	0.036 J	0.048	0.047	0.030 J	0.042
Calcium	mg/L	15.2	55.5	67.4	110	21.1	85.5	71.0	18.2	76.3
Chloride	mg/L	1.2	2.7	1.1	4.3	1.4	2.4	1.7	2.1	2.0
Fluoride	mg/L	0.10	0.094 J	0.11	0.10	0.079 J	0.070 J	0.050 J	0.087 J	0.11
pH, Field	SU	7.28	6.98	6.87	6.76	6.97	6.94	7.34	5.68	7.40
Sulfate	mg/L	3.7	34.6	89.0	177	9.2	90.8	93.1	103	35.6
TDS	mg/L	105	281	348	533	131	393	323	236	289
D&O Plan(1)										
Antimony	mg/L	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043
Arsenic	mg/L	< 0.00041	< 0.00041	< 0.00041	0.00046 J	< 0.00041	< 0.00041	< 0.00041	0.0051	0.0014 J
Barium	mg/L	0.040	0.21	0.075	0.057	0.032	0.068	0.14	0.038	0.13
Beryllium	mg/L	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	0.00036 J	< 0.00015
Cadmium	mg/L	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010
Chromium	mg/L	0.00027 J	< 0.00024	0.00028 J	0.00038 J	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024
Cobalt	mg/L	0.00062 J	< 0.00012	0.00034 J	0.00057 J	0.00069 J	0.00037 J	< 0.00012	0.020	0.00058 J
Lead	mg/L	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027
Selenium	mg/L	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050
Thallium	mg/L	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017
Fluoride	mg/L	0.10	0.094 J	0.11	0.10	0.079 J	0.070 J	0.050 J	0.087 J	0.11
Copper	mg/L	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	0.00094 J	< 0.00069	< 0.00069	< 0.00069
Nickel	mg/L	< 0.00092	< 0.00092	0.0011 J	0.0011 J	0.0023 J	0.00098 J	< 0.00092	0.12	< 0.00092
Silver	mg/L	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021
Vanadium	mg/L	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011
Zinc	mg/L	< 0.0014	< 0.0014	0.0023 J	0.0024 J	< 0.0014	0.0029 J	< 0.0014	0.22	0.0017 J
Additional Parameters										
Bicarbonate Alkalinity as CaCO3	mg/L	72.7	235	240	244	85.5	232	159	< 5.0	232
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	72.7	235	240	244	85.5	232	159	< 5.0	232
Magnesium	mg/L	6.2	21.8	28.3	43.0	6.1	24.2	17.6	13.5	12.9
Potassium	mg/L	0.39 J	0.65	0.72	1.5	0.34 J	0.78	0.59	2.5	0.71
Sodium	mg/L	4.0	12.1	19.5	15.5	7.3	12.6	12.4	6.0	10.7

Notes:
mg/L - milligrams per liter
NA - Not analyzed
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
Groundwater Analytical Data Summary
Georgia Power Company
Plant Hammond - Huffaker Road Landfill
Floyd County, GA

	Sample Location	GWC-9	GWC-10	GWC-18	GWC-18	GWC-19	GWC-20	GWC-21	GWC-21	GWC-22	GWC-23
	Sample Date	02/09/2026	02/08/2026	02/10/2026	05/01/2026	02/08/2026	02/09/2026	02/09/2026	05/01/2026	02/09/2026	02/09/2026
ANALYTE	UNITS										
APPENDIX III											
Boron	mg/L	0.017 J	0.039 J	0.15	NA	0.16	0.018 J	0.021 J	NA	0.071	0.020 J
Calcium	mg/L	40.7	48.6	38.5	NA	52.1	72.1	33.8	NA	46.5	43.3
Chloride	mg/L	0.82 J	1.4	0.88 J	NA	1.2	1.5	10.4	10.3	1.1	1.1
Fluoride	mg/L	0.068 J	0.097 J	0.095 J	NA	0.096 J	0.087 J	< 0.050	NA	0.061 J	0.075 J
pH, Field	SU	7.18	7.59	7.81	7.68	7.60	7.59	6.55	6.40	7.90	7.25
Sulfate	mg/L	79.8	9.3	7.5	NA	29.1	69.6	22.6	NA	7.4	5.5
TDS	mg/L	241	183	187	NA	257	294	140	NA	212	176
D&O Plan[1]											
Antimony	mg/L	< 0.00043	< 0.00043	< 0.00043	NA	< 0.00043	< 0.00043	< 0.00043	NA	< 0.00043	< 0.00043
Arsenic	mg/L	< 0.00041	< 0.00041	< 0.00041	NA	< 0.00041	< 0.00041	< 0.00041	NA	< 0.00041	< 0.00041
Barium	mg/L	0.071	0.15	0.087	NA	0.16	0.15	0.063	NA	0.092	0.065
Beryllium	mg/L	< 0.00015	< 0.00015	< 0.00015	NA	< 0.00015	< 0.00015	< 0.00015	NA	< 0.00015	< 0.00015
Cadmium	mg/L	< 0.00010	< 0.00010	< 0.00010	NA	< 0.00010	< 0.00010	< 0.00010	NA	< 0.00010	< 0.00010
Chromium	mg/L	< 0.00024	< 0.00024	0.00030 J	NA	< 0.00024	< 0.00024	< 0.00024	NA	< 0.00024	0.00035 J
Cobalt	mg/L	0.00043 J	< 0.00012	0.00021 J	NA	< 0.00012	0.00036 J	0.0018 J	NA	< 0.00012	0.00014 J
Lead	mg/L	< 0.00027	< 0.00027	< 0.00027	NA	< 0.00027	< 0.00027	< 0.00027	NA	< 0.00027	< 0.00027
Selenium	mg/L	< 0.00050	< 0.00050	< 0.00050	NA	< 0.00050	< 0.00050	< 0.00050	NA	< 0.00050	< 0.00050
Thallium	mg/L	< 0.00017	< 0.00017	< 0.00017	NA	< 0.00017	< 0.00017	< 0.00017	NA	< 0.00017	< 0.00017
Fluoride	mg/L	0.068 J	0.097 J	0.095 J	NA	0.096 J	0.087 J	< 0.050	NA	0.061 J	0.075 J
Copper	mg/L	< 0.00069	< 0.00069	< 0.00069	NA	< 0.00069	< 0.00069	< 0.00069	NA	< 0.00069	< 0.00069
Nickel	mg/L	0.0024 J	< 0.00092	< 0.00092	NA	< 0.00092	< 0.00092	0.0045 J	NA	< 0.00092	< 0.00092
Silver	mg/L	< 0.00021	< 0.00021	< 0.00021	NA	< 0.00021	< 0.00021	< 0.00021	NA	< 0.00021	< 0.00021
Vanadium	mg/L	< 0.0011	< 0.0011	< 0.0011	NA	< 0.0011	< 0.0011	< 0.0011	NA	< 0.0011	< 0.0011
Zinc	mg/L	0.0020 J	< 0.0014	< 0.0014	NA	< 0.0014	< 0.0014	0.0041 J	NA	< 0.0014	0.0015 J
Additional Parameters											
Bicarbonate Alkalinity as CaCO3	mg/L	88.1	167	169	NA	199	169	74.0	NA	188	150
Carbonate Alkalinity as CaCO3	mg/L	< 5.0	< 5.0	< 5.0	NA	< 5.0	< 5.0	< 5.0	NA	< 5.0	< 5.0
Total Alkalinity as CaCO3	mg/L	88.1	167	169	NA	199	169	74.0	NA	188	150
Magnesium	mg/L	14.0	10.0	13.7	NA	12.4	14.1	6.5	NA	10.8	10.4
Potassium	mg/L	0.47	0.42	0.52	NA	0.43	0.35 J	0.70	NA	0.36 J	0.63
Sodium	mg/L	7.4	7.5	12.5	NA	22.4	5.0	4.1	NA	10.6	4.9

Table 6
Summary of Background Groundwater Analytical Data
Georgia Power Company
Plant Hammond - Huffaker Road Landfill
Floyd County, GA

	Sample Location	GWA-24	GWA-24	GWC-21A	GWC-21A	GWA-25	GWA-25	GWA-26	GWA-26	GWA-27	GWA-27	GWC-42	GWC-42	GWC-43	GWC-43	GWC-28	GWC-28
	Sample Date	02/16/2026	05/18/2026	02/17/2026	05/19/2026	02/17/2026	05/18/2026	02/17/2026	05/18/2026	02/16/2026	05/19/2026	02/17/2026	05/19/2026	02/18/2026	05/19/2026	02/18/2026	05/21/2026
ANALYTE	UNITS																
APPENDIX III																	
Boron	mg/L	0.0095 J	0.0091 J	0.073	0.070	0.0091 J	< 0.0073	0.010 J	0.011 J	< 0.0073	0.0085 J	0.027 J	0.025 J	0.017 J	0.018 J	0.0094 J	0.0088 J
Boron, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	0.82	0.68	60.1	57.8	2.5	1.5	15.3	17.4	4.7	3.1	56.7	47.9	61.6	67.1	4.7	3.4
Calcium, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	1.5	1.5	1.2	1.1	1.9	1.9	1.8	1.7	1.9	1.7	2.2	2.2	2.5	2.9	1.4	1.1
Fluoride	mg/L	0.057 J	< 0.050	0.10	0.083 J	< 0.050	< 0.050	0.11	0.083 J	< 0.050	< 0.050	0.11	0.085 J	< 0.050	0.060 J	0.062 J	< 0.050
pH, Field	SU	5.74	5.94	7.51	7.48	5.42	5.25	6.60	6.65	5.93	5.92	6.79	6.75	7.22	7.18	6.45	6.51
Sulfate	mg/L	1.7	1.4	18.0	18.7	3.6	2.0	1.7	1.4	6.4	4.3	101	95.9	28.7	28.7	0.92 J	< 0.50
TDS	mg/L	55.0	47.0	240	243	28.0	< 25.0	85.0	86.0	51.0	40.0	314	309	235	222	97.0	89.0
APPENDIX IV																	
Antimony	mg/L	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043	0.00061 J	< 0.00043
Arsenic	mg/L	< 0.00041	< 0.00041	0.00042 J	< 0.00041	< 0.00041	< 0.00041	0.00089 J	0.0012 J	< 0.00041	< 0.00041	< 0.00041	< 0.00041	< 0.00041	< 0.00041	0.00078 J	0.00076 J
Barium	mg/L	0.0025 J	0.0018 J	0.15	0.13	0.0094	0.0061	0.032	0.030	0.020	0.013	0.14	0.13	0.13	0.13	0.026	0.025
Beryllium	mg/L	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015
Cadmium	mg/L	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010
Chromium	mg/L	0.00057 J	0.00078 J	< 0.00024	< 0.00024	0.00084 J	0.0019 J	0.00024 J	< 0.00024	0.00043 J	< 0.00024	0.00030 J	< 0.00024	0.00027 J	< 0.00024	0.00048 J	0.00051 J
Cobalt	mg/L	0.0024 J	0.0021 J	< 0.00012	< 0.00012	0.0030 J	0.0027 J	0.0049 J	0.0042 J	0.0014 J	0.0014 J	0.0029 J	0.0039 J	< 0.00012	< 0.00012	0.0011 J	0.00061 J
Lead	mg/L	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027
Lithium	mg/L	0.00696	0.00630	0.0163	0.0164	0.00428	0.00386	0.00892	0.00824	0.00742	0.00777	0.0296	0.0337	0.0146	0.0130	0.0186	0.0167
Mercury	mg/L	< 0.000091	< 0.000091	< 0.000091	< 0.000091	< 0.000091	< 0.000091	< 0.000091	< 0.000091	< 0.000091	< 0.000091	< 0.000091	< 0.000091	< 0.000091	< 0.000091	< 0.000091	< 0.000091
Molybdenum	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Combined Radium 226 + 228	pCi/L	1.04 U	0.435 U	0.928 U	0.213 U	1.84	0.347 U	0.908 U	0.418 U	1.49	0.797 U	0.617 U	0.421 U	0.656 U	0.811 U	0.719 U	0.0262 U
Selenium	mg/L	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050
Thallium	mg/L	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017
Antimony, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lithium, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Molybdenum, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoride	mg/L	0.057 J	< 0.050	0.10	0.083 J	< 0.050	< 0.050	0.11	0.083 J	< 0.050	< 0.050	0.11	0.085 J	< 0.050	0.060 J	0.062 J	< 0.050
APPENDIX I, II																	
Copper	mg/L	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	0.00073 J	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069
Copper, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	0.0023 J	0.0021 J	< 0.00092	< 0.00092	0.0064	0.0067	0.0034 J	0.0034 J	0.0059	0.0049 J	0.0080	0.010	0.0013 J	< 0.00092	0.0018 J	0.0011 J
Nickel, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021
Silver, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011
Vanadium, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	0.0030 J	0.0030 J	< 0.0014	< 0.0014	0.0096 J	0.011	0.0034 J	0.0026 J	0.0047 J	0.0030 J	< 0.0014	0.0021 J	< 0.0014	0.0021 J	0.0021 J	< 0.0014
Zinc, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
mg/L - milligrams per liter
pCi/L - picocuries per liter
NA - Not analyzed
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.
Radium data are a combination of radium isotopes 226 and 228. When results are reported below the MDC (Minimum Detectable Concentration), data is displayed with an accompanying U. The MDC varies depending upon the sample amount and elapsed time of the measurement.

Table 6
Summary of Background Groundwater Analytical Data
Georgia Power Company
Plant Hammond - Huffaker Road Landfill
Floyd County, GA

	Sample Location	GWC-44	GWC-44	GWC-29	GWC-29	GWC-30	GWC-30	GWC-31	GWC-31	GWC-32	GWC-32	GWC-33	GWC-33	GWC-34	GWC-34	GWC-35	GWC-35
	Sample Date	02/17/2026	05/19/2026	02/20/2026	05/21/2026	02/22/2026	05/22/2026	02/18/2026	05/22/2026	02/17/2026	05/21/2026	02/19/2026	05/19/2026	02/19/2026	05/20/2026	02/19/2026	05/20/2026
ANALYTE	UNITS																
APPENDIX III																	
Boron	mg/L	0.36	0.36	0.010 J	0.0091 J	0.040 J	0.029 J	0.033 J	0.030 J	0.063	0.061	0.035 J	0.035 J	0.039 J	0.038 J	0.014 J	0.015 J
Boron, Dissolved	mg/L	NA	NA	NA	NA	0.042	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	89.3	102	18.0	19.0	40.2	51.0	73.5	74.2	102	119	93.3	104	81.2	83.0	36.9	29.7
Calcium, Dissolved	mg/L	NA	NA	NA	NA	36.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	2.0	2.0	1.5	1.1	2.8	2.4	2.5	2.4	2.6	2.5	2.6	2.6	2.3	1.9	2.0	1.2
Fluoride	mg/L	0.20	0.18	0.11	0.080 J	< 0.050	0.072 J	0.12	0.090 J	0.12	0.095 J	0.088 J	0.057 J	0.079 J	< 0.050	0.10	0.055 J
pH, Field	SU	7.32	7.19	6.59	6.58	7.09	7.05	7.29	7.27	7.31	7.26	6.98	6.97	6.68	6.78	6.25	6.08
Sulfate	mg/L	46.4	46.9	2.8	2.2	5.4	2.2	24.7	23.6	43.5	43.4	83.4	92.0	55.9	47.3	203	148
TDS	mg/L	440	427	105	129	336	207	271	267	384	376	371	407	326	313	403	349
APPENDIX IV																	
Antimony	mg/L	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043	0.00050 J	0.00089 J	0.00062 J	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043
Arsenic	mg/L	0.00047 J	< 0.00041	< 0.00041	< 0.00041	0.0029	0.0012 J	< 0.00041	< 0.00041	0.00068 J	0.0015 J	< 0.00041	< 0.00041	< 0.00041	< 0.00041	< 0.00041	< 0.00041
Barium	mg/L	0.41	0.41	0.078	0.085	0.090	0.077	0.15	0.14	0.11	0.12	0.11	0.10	0.11	0.12	0.067	0.051
Beryllium	mg/L	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015
Cadmium	mg/L	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010
Chromium	mg/L	0.00032 J	< 0.00024	0.00027 J	0.00035 J	0.0080	0.00034 J	< 0.00024	< 0.00024	< 0.00024	< 0.00024	0.0011 J	0.00089 J	0.00024 J	0.00030 J	< 0.00024	0.00029 J
Cobalt	mg/L	< 0.00012	< 0.00012	0.0011 J	0.00070 J	0.0035 J	0.0015 J	< 0.00012	< 0.00012	0.00025 J	0.00045 J	< 0.00012	< 0.00012	< 0.00012	< 0.00012	0.0015 J	0.0018 J
Lead	mg/L	< 0.00027	< 0.00027	< 0.00027	< 0.00027	0.0029	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027
Lithium	mg/L	0.0315	0.0326	0.0119	0.0101	0.00729	0.00370	0.00874	0.00821	0.0136	0.0148	0.0151	0.0170	0.0175	0.0223	0.0427	0.0441
Mercury	mg/L	< 0.000091	< 0.000091	< 0.000091	< 0.000091	< 0.000091	< 0.000091	< 0.000091	< 0.000091	< 0.000091	< 0.000091	< 0.000091	< 0.000091	< 0.000091	< 0.000091	< 0.000091	< 0.000091
Molybdenum	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	0.0025 J	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Combined Radium 226 + 228	pCi/L	0.931 U	0.631 U	0.316 U	0.00254 U	1.25 U	1.17 U	0.749 U	0.378 U	1.82	1.25 U	0.182 U	0.792 U	0.386 U	0.365 U	0.692 U	0.510 U
Selenium	mg/L	< 0.00050	< 0.00050	< 0.00050	< 0.00050	0.00055 J	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050
Thallium	mg/L	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017
Antimony, Dissolved	mg/L	NA	NA	NA	NA	< 0.00043	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic, Dissolved	mg/L	NA	NA	NA	NA	0.0020 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium, Dissolved	mg/L	NA	NA	NA	NA	0.073	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium, Dissolved	mg/L	NA	NA	NA	NA	< 0.00015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium, Dissolved	mg/L	NA	NA	NA	NA	< 0.00010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium, Dissolved	mg/L	NA	NA	NA	NA	0.0020 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt, Dissolved	mg/L	NA	NA	NA	NA	0.0019 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead, Dissolved	mg/L	NA	NA	NA	NA	0.00056 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lithium, Dissolved	mg/L	NA	NA	NA	NA	0.00414	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury, Dissolved	mg/L	NA	NA	NA	NA	< 0.000091	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Molybdenum, Dissolved	mg/L	NA	NA	NA	NA	< 0.0020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium, Dissolved	mg/L	NA	NA	NA	NA	0.00059 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium, Dissolved	mg/L	NA	NA	NA	NA	< 0.00017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoride	mg/L	0.20	0.18	0.11	0.080 J	< 0.050	0.072 J	0.12	0.090 J	0.12	0.095 J	0.088 J	0.057 J	0.079 J	< 0.050	0.10	0.055 J
APPENDIX I, II																	
Copper	mg/L	< 0.00069	< 0.00069	< 0.00069	< 0.00069	0.0042 J	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069
Copper, Dissolved	mg/L	NA	NA	NA	NA	0.0014 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	< 0.00092	< 0.00092	0.0021 J	0.0018 J	0.011	0.0023 J	< 0.00092	< 0.00092	< 0.00092	< 0.00092	< 0.00092	< 0.00092	< 0.00092	< 0.00092	0.0042 J	0.0047 J
Nickel, Dissolved	mg/L	NA	NA	NA	NA	0.0068	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021
Silver, Dissolved	mg/L	NA	NA	NA	NA	< 0.00021	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	< 0.0011	< 0.0011	< 0.0011	< 0.0011	0.012	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011
Vanadium, Dissolved	mg/L	NA	NA	NA	NA	0.0033 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	< 0.0014	< 0.0014	< 0.0014	0.0015 J	0.013	< 0.0014	< 0.0014	< 0.0014	0.0020 J	0.0018 J	< 0.0014	< 0.0014	< 0.0014	< 0.0014	0.0020 J	< 0.0014
Zinc, Dissolved	mg/L	NA	NA	NA	NA	0.0036 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 6
Summary of Background Groundwater Analytical Data
Georgia Power Company
Plant Hammond - Huffaker Road Landfill
Floyd County, GA

	Sample Location	GWC-36	GWC-36	GWC-37	GWC-37	GWC-38	GWC-38	GWC-39	GWC-39	GWC-40	GWC-40	GWC-41	GWC-41
	Sample Date	02/19/2026	05/20/2026	02/20/2026	05/21/2026	02/20/2026	05/22/2026	02/17/2026	05/21/2026	02/21/2026	05/20/2026	02/20/2026	05/22/2026
ANALYTE	UNITS												
APPENDIX III													
Boron	mg/L	0.016 J	0.015 J	0.026 J	0.026 J	0.024 J	0.026 J	0.023 J	0.022 J	< 0.0073	< 0.0073	< 0.0073	< 0.0073
Boron, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	40.6	43.7	42.7	48.7	23.0	21.1	38.3	34.6	49.1	52.2	6.1	7.6
Calcium, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	2.4	1.9	3.7	3.2	2.8	2.9	2.2	1.8	1.0	0.88 J	1.9	1.8
Fluoride	mg/L	0.084 J	< 0.050	< 0.050	< 0.050	0.11	0.13	0.15	0.13	0.10	0.099 J	< 0.050	< 0.050
pH, Field	SU	6.81	6.80	6.89	6.85	6.39	6.40	7.14	7.47	7.91	7.88	5.81	5.83
Sulfate	mg/L	74.2	72.1	28.1	26.2	33.9	33.9	2.7	2.0	2.8	2.2	0.92 J	0.95 J
TDS	mg/L	233	251	219	214	157	157	147	142	147	162	42.0	41.0
APPENDIX IV													
Antimony	mg/L	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043
Arsenic	mg/L	< 0.00041	< 0.00041	< 0.00041	< 0.00041	< 0.00041	< 0.00041	0.00047 J	0.00070 J	0.00048 J	0.00080 J	< 0.00041	< 0.00041
Barium	mg/L	0.12	0.12	0.24	0.25	0.072	0.059	0.087	0.11	0.024	0.027	0.015	0.014
Beryllium	mg/L	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015
Cadmium	mg/L	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010
Chromium	mg/L	< 0.00024	0.00037 J	< 0.00024	0.00040 J	< 0.00024	< 0.00024	< 0.00024	0.00045 J	0.00054 J	0.00067 J	0.0013 J	0.0012 J
Cobalt	mg/L	0.00035 J	0.00018 J	0.00055 J	0.00055 J	0.0018 J	0.00040 J	0.00035 J	0.00016 J	0.00012 J	< 0.00012	< 0.00012	< 0.00012
Lead	mg/L	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027
Lithium	mg/L	0.0157	0.0181	0.0163	0.0184	0.0144	0.0163	0.00767	0.00973	0.00237	0.00291	0.00301	0.00354
Mercury	mg/L	< 0.000091	< 0.000091	< 0.000091	< 0.000091	< 0.000091	< 0.000091	< 0.000091	< 0.000091	< 0.000091	< 0.000091	< 0.000091	< 0.000091
Molybdenum	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Combined Radium 226 + 228	pCi/L	0.315 U	0.333 U	0.127 U	0.0702 U	0.302 U	0.718 U	1.09 U	1.01 U	0.662 U	0.0369 U	0.472 U	0.457 U
Selenium	mg/L	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050
Thallium	mg/L	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017
Antimony, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lithium, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Molybdenum, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoride	mg/L	0.084 J	< 0.050	< 0.050	< 0.050	0.11	0.13	0.15	0.13	0.10	0.099 J	< 0.050	< 0.050
APPENDIX I, II													
Copper	mg/L	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069
Copper, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	< 0.00092	< 0.00092	0.0018 J	0.0018 J	0.0025 J	0.0014 J	< 0.00092	< 0.00092	< 0.00092	< 0.00092	0.0030 J	0.0021 J
Nickel, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021
Silver, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011
Vanadium, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	< 0.0014	< 0.0014	0.0039 J	< 0.0014	0.0028 J	< 0.0014	< 0.0014	< 0.0014	< 0.0014	0.0016 J	0.0029 J	< 0.0014
Zinc, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Geosyntec consultants

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 2026.

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 2026

FIGURE 1

N

LEGEND

- Detection Monitoring Well
- Landfill Underdrain Sample Point
- Approximate Landfill Parcel Boundary
- Approximate Huffaker Road Landfill Property Boundary

Notes:
1. Parcels A, B, and C Detection Monitoring Wells GWC-21A, GWC-42, GWC-43, and GWC-44 installed December 17, 2025.
2. Proposed Parcel F Detection Monitoring Wells GWA-24 to GWA-27, and GWC-28 to GWC-41 installed between December 9 to 18, 2026.
3. Aerial photograph source: Nearmap September 2024 and Georgia Power Company, January 2026.

0 250 500 1,000

SCALE IN FEET

MONITORING WELL NETWORK MAP

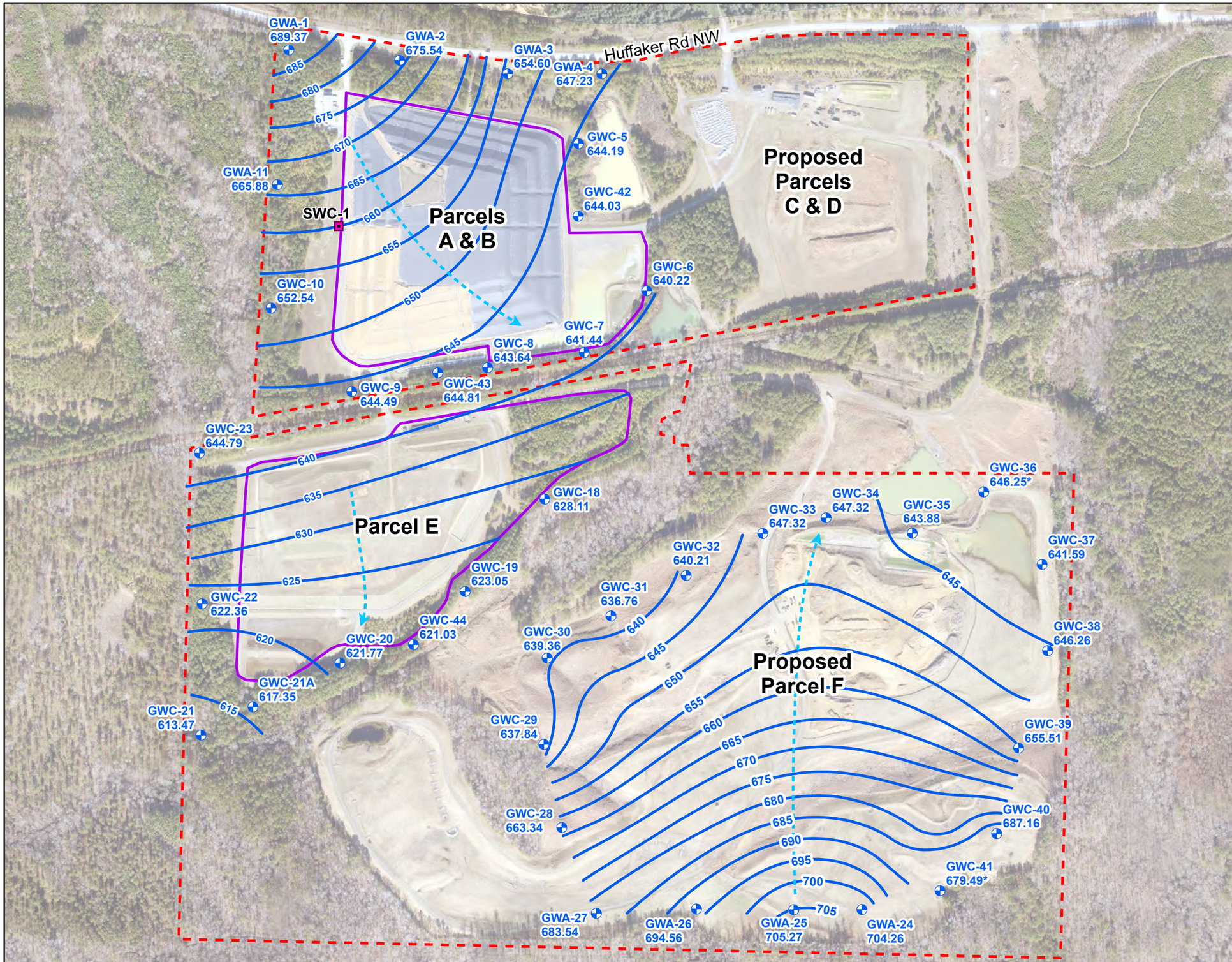
GEORGIA POWER COMPANY
PLANT HAMMOND HUFFAKER ROAD LANDFILL
FLOYD COUNTY, GEORGIA

Prepared For: Georgia Power

Prepared By: Geosyntec consultants

KENNESAW, GA | AUGUST 2026

FIGURE 2



N

LEGEND

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

GEORGIA REGISTERED No. PE022437 PROFESSIONAL ENGINEER WHITNEY B. LAW

Notes:
1. Water level elevation for Parcels A&B and Parcel E recorded on February 2, 2026 during semiannual event.
2. Water level elevation for Parcels A, B, and E Detection Monitoring Wells GWC-21A, GWC- 42, GWC-43, and GWC-44, in addition to Proposed Parcel F Detection Monitoring Wells GWA-24 to GWA-27, and GWC-28 to GWC-41, recorded February 16, 2026 during the semiannual event.
3. Elevation provided in feet (ft) referenced to the North American Vertical Datum (NAVD) 88.
4. Wells marked with an * were not used to make groundwater contours.
5. Aerial photograph source: Nearmap September 2024 and Georgia Power Company, January 2026.

0 250 500 1,000

SCALE IN FEET

POTENTIOMETRIC SURFACE CONTOUR MAP - FEBRUARY 2026

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

Prepared For: Georgia Power

Prepared By: Geosyntec consultants

KENNESAW, GA | AUGUST 2026

FIGURE 3

Geosyntec consultants

APPENDIX A

Abandonment, Design, Installation, and Development Report – Addendum No.1

Prepared for

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

WELL ABANDONMENT, DESIGN, INSTALLATION, AND DEVELOPMENT REPORT - ADDENDUM No. 1

PLANT HAMMOND HUFFAKER ROAD LANDFILL

Prepared by

Geosyntec consultants

engineers | scientists | innovators

1255 Roberts Boulevard, Suite 200
Kennesaw, Georgia 30144

Project Number GW11927

March 2026

CERTIFICATION PAGE

I hereby certify that this *Well Abandonment, Design, Installation, and Development Report – Addendum No. 1, Plant Hammond Huffaker Road Landfill* has been prepared by, or under the direct supervision of, a Qualified Groundwater Scientist with Geosyntec Consultants, Inc. and is in compliance with the United States Environmental Protection Agency Coal Combustion Residual Rule [40 Code of Federal Regulations 257 Subpart D], specifically §257.91(e)(1), and the Georgia Environmental Protection Division Rules for Solid Waste Management 391-3-4-.10.

According to 391-3-4-.01, a Qualified Groundwater Scientist is "a professional engineer or geologist registered to practice in Georgia who has received a baccalaureate or post-graduate degree in the natural sciences or engineering and has sufficient training and experience in groundwater hydrology and related fields that enable individuals to make sound professional judgments regarding groundwater monitoring, contaminant fate and transport, and corrective action."

Christine Hug

Christine Hug P.G.
Georgia Professional Geologist No. 002221
Project Manager
Geosyntec Consultants

March 13, 2026
Date

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Appendix C	Well Driller Performance Bonds
Appendix D	Boring and Well Construction Logs
Appendix E	Well Development and Equipment Calibration Forms
Appendix F	Certified Well Survey Data

LIST OF ACRONYMS

ASTM	American Society for Testing and Materials
Cascade	Cascade Drilling, Inc.
CCR	Coal Combustion Residual
CFR	Code of Federal Regulations
DO	dissolved oxygen
GA EPD	Georgia Environmental Protection Division
Georgia Power	Georgia Power Company
Geosyntec	Geosyntec Consultants, Inc.
GWMP	Groundwater Monitoring Plan
NAD	North American Datum
NAVD	North American Vertical Datum
NSF	National Sanitation Foundation
OCGA	Official Code of Georgia Annotated
ORP	oxygen reduction potential
PG	professional geologist
PVC	polyvinyl chloride
SESD	Science and Ecosystem Support Division
Stantec	Stantec Consulting Services, Inc.
TOC	top of casing
US EPA	United States Environmental Protection Agency

1. INTRODUCTION

This report documents the abandonment of 25 temporary piezometers (piezometers) and the design, installation, and development of 22 detection monitoring wells (wells) at Georgia Power Company (Georgia Power) Plant Hammond Huffaker Road Landfill.

Plant Hammond Huffaker Road Landfill (site) 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. Coal Combustion Residual (CCR) material resulting from power generation has 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 abandoned piezometers were installed as part of a Site Acceptability Study conducted by Stantec Consulting Services, Inc (Stantec) to support Georgia Environmental Protection Division (GA EPD) approval for the lateral expansion of Huffaker Parcel F in 2024 (Stantec, 2024).

The installation of the 22 detection monitoring wells included the installation of two additional wells at existing Parcel A&B (GWC-42 and GWC-43), two additional wells at existing Parcel E (GWC-21A and GWC-44), and 18 new wells (GWA-24 through GWA-27, and GWC-28 through GWC-41) at proposed Parcel F to supplement the current groundwater monitoring system at the site.

The piezometer abandonments and installations were completed in general accordance with the *Georgia Water Well Standards Act of 1985* (Official Code of Georgia OCGA § 12-5-120 through 138) and United States Environmental Protection Agency (USEPA) Region 4 Science and Ecosystem Support Division (SESD) *Guidance for the Design and Installation of Monitoring Wells* (SESDGUID-101-R2). The well installations and developments meet the requirements promulgated in the US EPA CCR rule [40 Code of Federal Regulations (CFR) Part 257, Subpart D], specifically 40 CFR §257.91(e)(1) and EPD Rules for Solid Waste Management 391-3-4-.10.

The locations of the abandoned temporary piezometers are shown on **Figure 1**, and the locations of the newly installed detection monitoring wells are shown on **Figure 2** and **Figure 3**, respectively.

2. WELL ABANDOMENT

A total of 23 temporary piezometers (HRL-01 through HRL-18, and BH-HS-01 and PZ- HS-03 through PZ-HS-06) were abandoned from November 5th to November 23rd, 2025, within the proposed Parcel F by Cascade Drilling, Inc. of Memphis, Tennessee (Cascade). The work was completed under the supervision of a Geosyntec Consultants, Inc. (Geosyntec) staff member with direction and oversight from a Geosyntec professional geologist licensed in the State of Georgia and performed by a Georgia-licensed well driller.

The locations of the abandoned piezometers at proposed Parcel F are presented on **Figure 1**, and the well construction, water levels, and abandonment dates are summarized in **Table 1**. Temporary piezometers HRL-12A, HRL-17, and HRL-18 were constructed of 2-inch diameter polyvinyl chloride (PVC) well screen and riser installed in a 6-inch diameter borehole. The other temporary piezometers were constructed of 1-inch diameter polyvinyl chloride (PVC) well screen and riser installed in a 4-inch diameter borehole. The temporary piezometers were screened in both partially weathered rock and shale bedrock. The water level and total well depth were measured prior to abandonment at each location. The piezometers located within the proposed Parcel F limits of waste were abandoned by over drilling the piezometer to the bottom of PVC casing and filling the borehole with a non-shrinking cement/bentonite grout mixture via tremie pipe from the bottom to within 10 feet of the base of the proposed landfill. The remaining borehole was filled with hydrated 3/8-inch, uncoated bentonite chips. The temporary piezometers located outside the proposed Parcel F limits of waste were abandoned by tremie-grouting a cement/bentonite mixture into the well casing and screen, ensuring the grout reached the top of the PVC casing. After the piezometer casings were grouted, the exposed portions of the PVC casing were cut to within 6 inches of ground surface, and native material was used to restore the area.

None of the 23 piezometers were completed with well covers, concrete pads, or bollards. Well abandonment forms for the piezometers abandoned in November 2025 are provided in **Appendix A**.

Two temporary piezometers (HRL-14 and PZ-HS-02) were abandoned by Cascade under the supervision of Stantec in December 2024. The associated abandonment records are provided in **Appendix B**. These piezometers were decommissioned early to accommodate site construction activities.

3. DRILLING AND WELL INSTALLATION

Well installation was performed in general accordance with the *Georgia Water Well Standard Act* OCGA § 12-5-120 and SESDGUID-101-R2. Well drilling, installation, and surface completion activities were performed by Cascade. In accordance with the Georgia Water Well Standards Act, the driller was required to have an insurance bond on file with the State of Georgia at the time of drilling. A copy of this bond is provided in **Appendix C**. A geologist under the supervision of a professional geologist (PG) registered to practice in the State of Georgia, both of whom are employed with Geosyntec, documented the drilling and installation efforts to record observations, soil and rock descriptions, subsurface stratigraphy, water elevations, and other field activities.

The locations of the wells within Parcel A&B and E are shown on **Figure 2** and the locations of the wells within Parcel F are shown on **Figure 3**. Well construction details are provided in **Table 2,** and boring and well construction data are included in **Appendix D**.

3.1 Drilling Method

The boreholes for GWC-21A, GWA-24 through GWA-27, and GWC-28 through GWC- 44 were advanced using rotosonic drilling techniques with continuous core collection. A track mounted Geoprobe 8140LC drill rig and a track mounted Terra Sonic 150CC drill rig were used to install the borings for the wells, using a nominal 6-inch outer drill casing and a 4-inch diameter core barrel.

Drilling equipment was cleaned prior to mobilizing to the site and between well locations. Care was taken so that the drilling methods did not introduce contamination of the groundwater from surface activities.

3.2 Screened Interval

Details regarding the well screened intervals are provided in **Table 2**. The wells are screened in the uppermost water bearing unit of the site. Screened elevations across the new wells range from approximately 585.70 to 702.14 feet (referenced to the North American Vertical Datum of 1988 [NAVD]). Wells were constructed with a 10 foot well screen segment.

3.3 Well Casings and Screens

The wells are constructed of 2-inch inner diameter Schedule 40 PVC casing with flush-threaded fittings. The wells were installed with a 10-foot nominal length U-Pack® dual-wall screen with 0.010-inch slots. The casings and screens arrived pre-cleaned and packaged by the manufacturer. The U-Pack screens were constructed onsite by packing sand between slotted PVC and the screen. Well construction materials are sufficiently durable to resist chemical and physical degradation and do not interfere with the quality of the groundwater. Casing and screens are flush-threaded. Solvent or glue was not used to construct the wells. The wells were completed with a 4-inch-long PVC sumps attached to the bottom of the screen. The PVC products used were American Society for Testing and Materials (ASTM) and National Sanitation Foundation (NSF) rated. Details regarding piezometer screening intervals are provided in **Table 2**.

3.4 Well Intake Design

The wells were designed and constructed to: (1) allow sufficient groundwater flow to the well for sampling (for performance monitoring and injection wells); (2) minimize the passage of formation materials (turbidity) into the well; and (3) ensure sufficient structural integrity to prevent collapse of the well. The annular space between the face of the formation and the screens was filled to minimize passage of formation materials into the well. A filter pack of clean, well-rounded, quartz sand was installed in each well. The 0.010-inch slot size was selected to minimize the inflow of formation material without impairing influent groundwater flow.

3.5 Filter Pack

Highly Pure Quartzite manufactured by Covia was used as the filter pack material for the well. The filter pack material meets the ASTM D5092 uniformity coefficient specification of 2.5 or less, with a uniformity coefficient of 1.5 or less.

Filter pack material was placed within the U-Pack dual-wall well screens and in the annular space between the outside of the U-Pack screen and borehole wall to ensure an adequate thickness of filter pack material between the wells and the formation. Placement of the filter pack between the borehole wall and PVC was placed via gravity-pouring. Filter pack material placed in the annular space outside of the well screens extended a minimum of 2 feet above the top of screens. No bridging occurred during filter pack placement at any of the well locations.

Upon placement of the filter pack, the wells were pumped with a submersible pump to assure settlement of the filter pack. The top of filter pack depth was measured following pumping to ensure appropriate extension of filter sand above the screens. The depth of top of filter pack was measured and recorded on the well construction logs provided in **Appendix D**.

3.6 Annular Seal

A minimum of two feet of bentonite chips (3/8 bentonite pellets) were placed immediately above the filter pack by gravity-pouring into the annular space and hydrated per manufacture's specifications. A tremie pipe was used to probe the annular space to ensure that no bridging occurred. The bentonite was hydrated with potable water for a duration meeting the manufacture's specifications prior to grouting the remaining annulus.

The annulus above the bentonite seal were grouted with a cement/bentonite grout placed via tremie pipe (initial grouting) and direct pour methods (for topping off) from the top of the bentonite seal. During grouting, care was taken to assure that the bentonite seal was not disturbed by locating the base of the tremie pipe approximately 2 feet above the bentonite seal and injecting grout at low pressure/velocity. A cement apron 4-feet by 4-feet by 4-inches was poured around stickup casings at all locations. A metal survey pin was placed on the front side of the concrete pad, several inches from the well vault. The pads were mounded slightly outward to direct surface drainage away from the wells.

3.7 Cap and Protective Casing

The well risers were completed as stick-up locations fitted with a locking cap and a lockable cover. A one-quarter inch vent hole was drilled into the PVC riser pipe to provide an avenue for the escape of gas. The protective cap guards the casing from damage and the locking cap serves as a security device to prevent well tampering. Bollards were installed around the four corners of the concrete pad to protect the wells. A weep hole was drilled in the outer protective casing near the bottom above the concrete pad. Pea gravel was placed inside the protective casing between the riser pipe and the outer casing. The wells were clearly marked with the proper well identification number on the stand-up casing. Construction details are documented on the well construction logs provided in **Appendix D**.

4. WELL DEVELOPMENT

The newly installed wells were developed by Geosyntec using a combination of surging and pumping to (i) restore the natural hydraulic conductivity of the formation, and (ii) to remove fine-grained sediment to ensure low-turbidity groundwater samples. The wells were alternately surged and purged until visually clear of particulates. Turbidity, pH, temperature, specific conductivity, oxidation-reduction potential (ORP), and dissolved oxygen (DO) measurements were recorded to ensure that the well was fully developed, and field parameters were stabilized. The well development field forms are included in **Appendix E**.

5. SURVEY

Upon completion of the well installation, horizontal locations and vertical elevations of the newly installed detection monitoring wells were surveyed by Metro Engineering & Surveying Co., Inc., a Georgia-licensed surveyor and certified on January 15, 2026. The top of the PVC casing [top of casing (TOC) elevation] and the survey pin installed at the well pad were surveyed to within 0.5-foot horizontal accuracy and to 0.01-foot vertical accuracy. The horizontal location (i.e., northing and easting) was recorded in feet relative to the North American Datum of 1983 (NAD) with the vertical elevation recorded in feet relative to 1988 NAVD. Certified survey data is provided in the well construction table (**Table 2**). A copy of the certified survey data for the newly installed detection monitoring wells is provided in **Appendix F.**

6. REFERENCES

Official Code of Georgia Annotated, 1985. *OCGA § 12-5-120 through 138. Water Well Standards Act of 1985*.

Stantec Consulting Services, Inc. (Stantec) 2024. Site Acceptability Report, Addendum to Huffaker Road Landfill (Permit # 057-022D(LI)), Parcel F Lateral Expansion, Rome, Floyd County, Georgia, January 5.

United States Environmental Protection Agency. 2015. Federal Register. Volume 80. No. 74. Friday April 17, 2015. Part II. Environmental Protection Agency. 40 CFR Parts 257 and 261. Hazardous and Solid Waste Management System; Disposal of Coal Combustion Residuals from Electric Utilities; Final Rule. [EPA-HQ-RCRA–2009–0640; FRL–9919–44–OSWER]. RIN–2050–AE81, April 2015

United States Environmental Protection Agency. 2018. Region 4, Science and Ecosystem Support Division (SESD), *Guidance for the Design and Installation of Monitoring Wells*. SESDGUID-101-R2. January 16, 2018

TABLES

Table 1

Summary of Well Abandonment Details

Plant Hammond Huffaker Road Landfill, Floyd County, Georgia

Well ID	Easting[1]	Northing[1]	Ground Surface Elevation (ft)[1]	Top of Casing Elevation (ft)[1]	Well Depth (ft bgs)[1]	Depth to Water Prior To Abandonment (ft btoc)	Groundwater Elevation (ft)	Abandonment Date
Within Proposed Parcel F Limits of Waste								
HRL-01	1954346.96	1562413.31	683.88	686.34	41.30	33.80	652.54	11/5/2025
HRL-03	1955186.08	1562223.77	676.89	676.89	27.40	NM	--	11/10/2025
HRL-06	1955298.62	1561521.36	724.52	727.18	60.10	30.73	696.45	11/8/2025
HRL-10	1953806.79	1561398.16	687.96	690.73	34.50	8.65	682.08	11/6/2025
HRL-12A	1954002.41	1561983.06	680.67	683.39	35.40	21.55	661.84	11/7/2025
HRL-13	1954512.22	1562985.77	674.14	676.77	44.70	NM	--	11/23/2025
HRL-14[2]	1954893.10	1562585.54	700.43	703.00	55.90	29.20	673.80	12/4/2024
HRL-15	1954984.84	1561698.71	715.25	718.14	43.20	22.11	696.03	11/8/2025
HRL-16	1954231.35	1561604.29	713.16	716.06	44.60	29.05	687.01	11/6/2025
HRL-17	1954321.06	1561279.17	717.28	719.39	38.20	25.21	694.18	11/8/2025
PZ-HS-02[2]	1955156.83	1562969.79	688.95	691.95	48.60	28.00	663.95	12/4/2024
PZ-HS-03	1954674.21	1562163.74	691.80	694.82	48.40	18.85	675.97	11/5/2025
PZ-HS-05	1953638.17	1561328.89	687.47	690.47	79.40	12.58	677.89	11/6/2025
PZ-HS-06	1954856.06	1561324.42	729.60	732.60	62.00	29.58	703.02	11/7/2025
Outside Proposed Parcel F Limits of Waste								
HRL-02	1955591.87	1562668.27	659.73	661.65	40.50	8.85	652.80	11/8/2025
HRL-04	1952536.05	1561883.99	650.29	653.47	39.70	19.75	633.72	11/6/2025
HRL-05	1954719.07	1561251.20	733.24	736.00	43.20	45.84	690.16	11/6/2025
HRL-07	1955708.51	1561612.79	715.66	718.61	49.40	45.70	637.26	11/6/2025
HRL-08	1953518.39	1561661.71	680.63	682.96	44.50	21.68	662.37	11/6/2025
HRL-09	1953980.08	1562711.66	681.27	684.05	45.40	31.30	652.75	11/8/2025
HRL-11	1953406.12	1562379.66	677.86	680.20	45.70	29.45	650.75	11/8/2025
HRL-18	1953149.68	1561336.95	666.59	669.24	30.50	10.63	658.61	11/6/2025
HRL-19	1952792.87	1561497.16	662.65	665.35	39.20	19.43	645.92	11/6/2025
BH-HS-01	1953484.32	1562184.25	703.30	706.25	53.50	53.56	652.69	11/8/2025
PZ-HS-04	1955746.85	1562384.82	662.92	665.92	26.40	9.55	656.37	11/8/2025

Notes:

-- = Not calculated

ft = feet

ft bgs = feet below ground surface

ft btoc = feet below top of casing

NM = not measured

(1) Coordinates in North American Datum (NAD) 1983, State Plane, Georgia-West, feet. Elevations referenced to the North American Vertical Datum of 1988 (NAVD88). Survey data was collected by Steve Culberson of Southern Company Services.

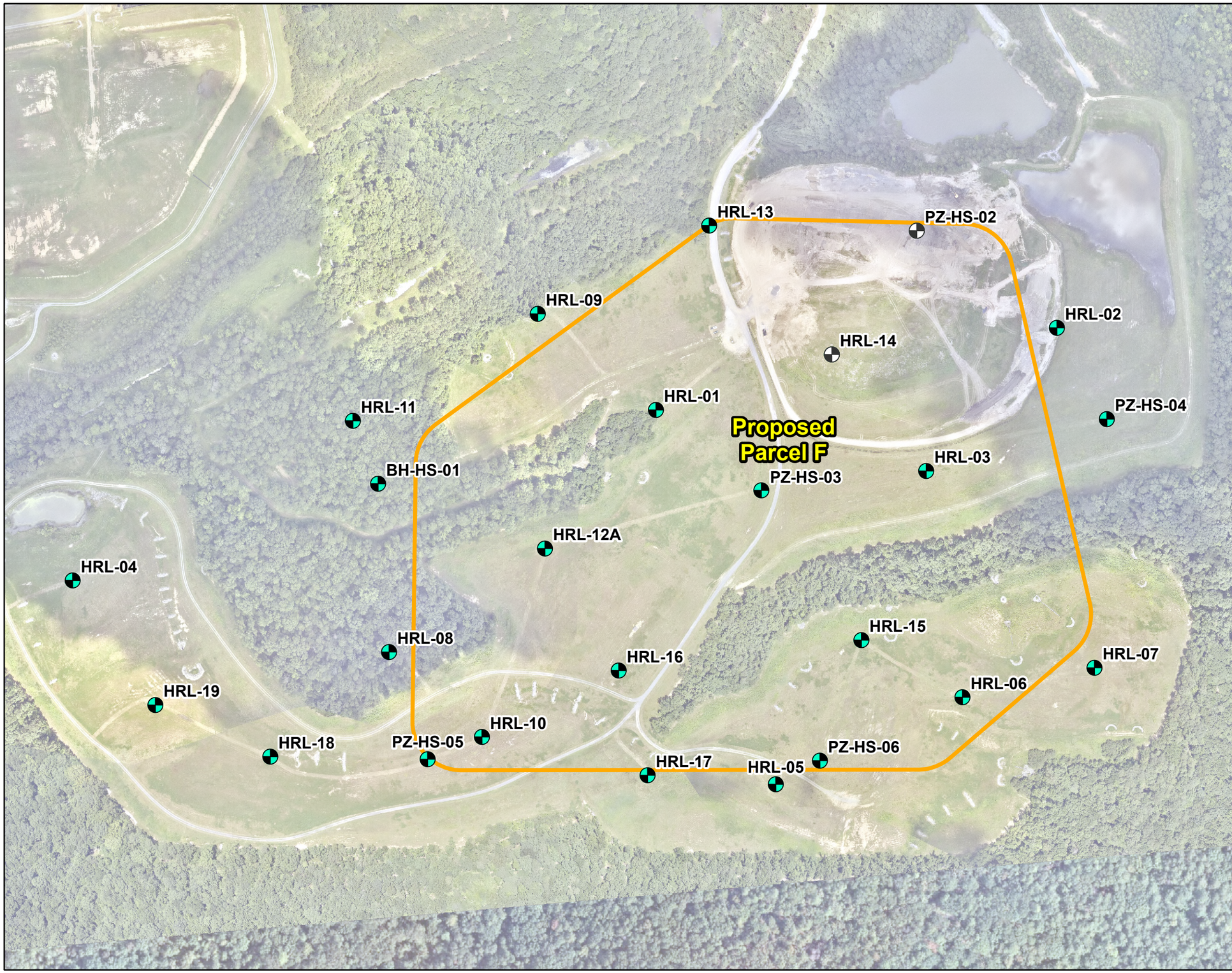
(2) Wells abandoned by Cascade Drilling under supervision of Stantec in December 2024.

Table 2
Summary of Well Construction Details
Plant Hammond Huffaker Road Landfill, Floyd County, Georgia

Well ID	Parcel	Purpose	Well Completion	Geological Formation	Installation Date	Northing (1)	Easting (1)	Ground Surface Elevation (1) (ft)	Top of Casing Elevation (1) (ft)	Top of Screen Elevation(1) (ft)	Bottom of Screen Elevation(1) (ft)	Well Depth(2) (ft bgs)
GWA-24	F	Detection	Stick Up	PWR/Bedrock	12/9/2025	1561197.89	1955032.81	737.16	740.29	702.14	692.14	45.42
GWA-25	F	Detection	Stick Up	PWR/Bedrock	12/9/2025	1561196.82	1954680.49	733.88	736.81	699.26	689.26	45.02
GWA-26	F	Detection	Stick Up	PWR/Bedrock	12/9/2025	1561200.56	1954176.71	710.47	713.48	684.73	674.73	36.14
GWA-27	F	Detection	Stick Up	PWR/Bedrock	12/9/2025	1561177.99	1953658.88	703.25	705.88	678.48	668.48	35.17
GWC-21A	E	Detection	Stick Up	PWR/Bedrock	12/17/2025	1562245.45	1951881.42	618.61	622.18	608.65	598.65	20.36
GWC-28	F	Detection	Stick Up	PWR/Bedrock	12/17/2025	1561621.84	1953480.08	691.39	693.98	643.49	633.49	58.30
GWC-29	F	Detection	Stick Up	Bedrock	12/17/2025	1562052.07	1953386.92	659.85	662.58	631.14	621.14	39.11
GWC-30	F	Detection	Stick Up	Bedrock	12/17/2025	1562498.35	1953404.35	646.99	650.36	607.24	597.24	50.15
GWC-31	F	Detection	Stick Up	Bedrock	12/18/2025	1562715.87	1953734.42	645.83	649.06	616.20	606.20	40.03
GWC-32	F	Detection	Stick Up	Bedrock	12/18/2025	1562925.91	1954123.20	660.73	663.52	620.72	610.72	50.41
GWC-33	F	Detection	Stick Up	Bedrock	12/9/2025	1563142.50	1954520.43	668.40	671.54	633.98	623.98	44.82
GWC-34	F	Detection	Stick Up	Bedrock	12/18/2025	1563224.12	1954847.75	650.93	653.58	621.10	611.10	40.23
GWC-35	F	Detection	Stick Up	Bedrock	12/17/2025	1563144.04	1955293.62	664.11	666.89	619.21	609.21	55.30
GWC-36	F	Detection	Stick Up	PWR/Bedrock	12/18/2025	1563357.28	1955663.41	658.33	661.86	628.53	618.53	40.20
GWC-37	F	Detection	Stick Up	Bedrock	12/18/2025	1562982.33	1955965.18	659.76	662.61	629.84	619.84	40.32
GWC-38	F	Detection	Stick Up	Bedrock	12/18/2025	1562536.50	1955993.92	668.52	671.39	648.50	638.50	30.42
GWC-39	F	Detection	Stick Up	Bedrock	12/17/2025	1562032.73	1955844.00	660.78	663.92	646.87	636.87	24.31
GWC-40	F	Detection	Stick Up	PWR/Bedrock	12/9/2025	1561590.59	1955730.40	716.34	719.23	676.88	666.88	49.86
GWC-41	F	Detection	Stick Up	PWR/Bedrock	12/17/2025	1561294.86	1955437.36	708.55	711.28	661.54	651.54	57.41
GWC-42	A&B	Detection	Stick Up	Bedrock	12/17/2025	1564784.00	1953564.34	646.72	650.42	637.96	627.96	19.16
GWC-43	A&B	Detection	Stick Up	PWR/Bedrock	12/17/2025	1563973.91	1952838.44	653.66	656.54	638.59	628.59	25.47
GWC-44	E	Detection	Stick Up	Bedrock	12/17/2025	1562567.86	1952712.57	635.27	638.51	595.70	585.70	49.97

Notes:
ft = feet
ft bgs = feet below ground surface
PWR = partially weathered rock
(1) Coordinates in North American Datum (NAD) 1983, State Plane, Georgia-West, feet. Elevations referenced to the North American Vertical Datum of 1988 (NAVD88). Survey data was certified by Metro Engineering & Surveying Co., Inc. January 15, 2026.
Survey points measured from nail or known reference point.
(2) Total well depth accounts for 0.4 ft sump.

FIGURES



N

LEGEND

- Temporary Piezometer (Abandoned November 2025)
- Temporary Piezometer (Abandoned by Stantec 2024)
- Parcel F Proposed Limits of Waste

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

0 150 300 600

SCALE IN FEET

PROPOSED PARCEL F
WELL ABANDONMENT LOCATIONS

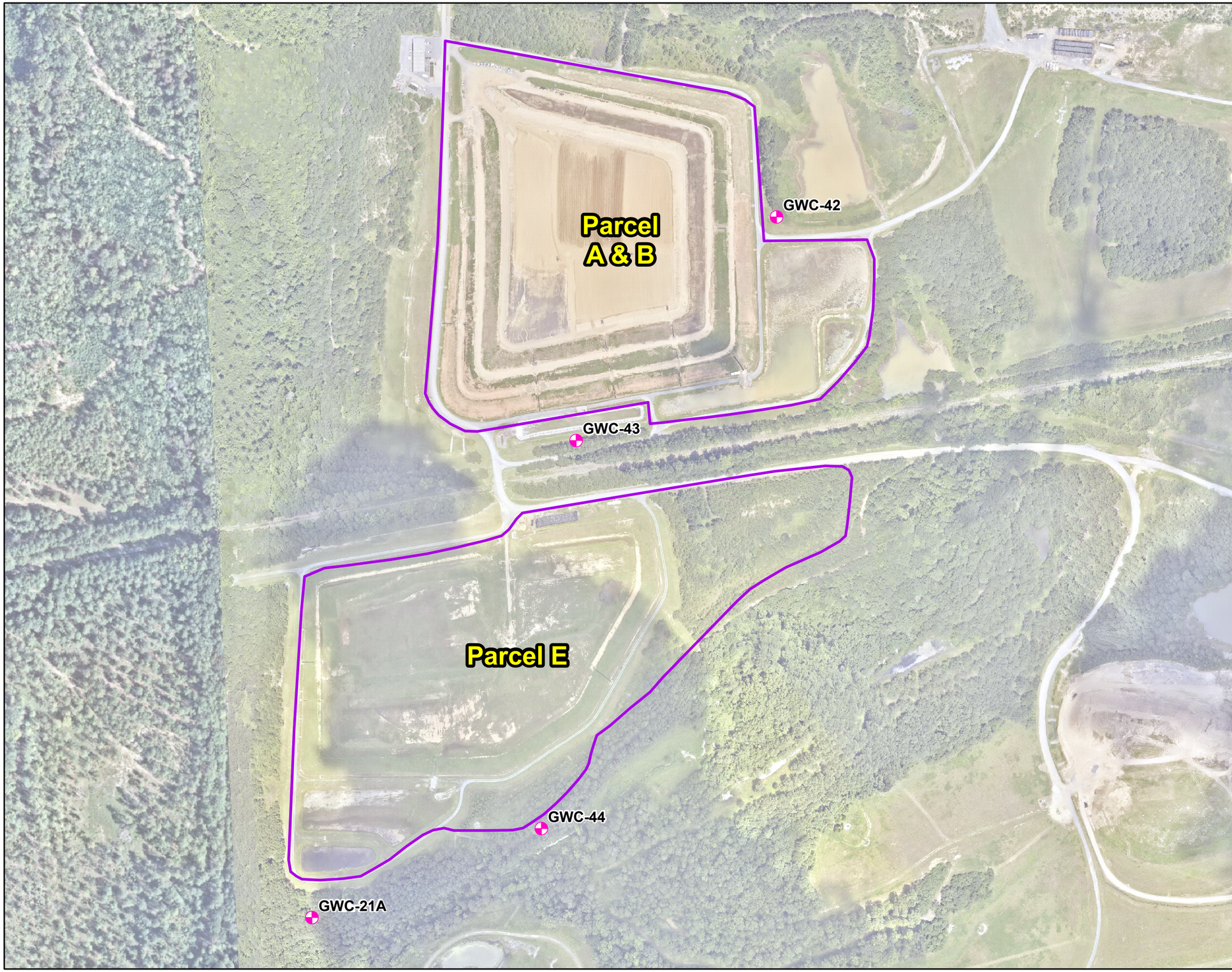
GEORGIA POWER COMPANY
PLANT HAMMOND HUFFAKER ROAD LANDFILL
FLOYD COUNTY, GEORGIA

Prepared For: Georgia Power

Prepared By: Geosyntec consultants

KENNESAW, GA | MARCH 2026

FIGURE 1



N

LEGEND

- Detection Monitoring Well (Installed December 2025)
- Approximate Landfill Parcel Boundary

Notes:
1. Detection Monitoring Wells were installed between December 9 and 18, 2025 and surveyed January 15, 2026.
2. Aerial photograph source: Nearmap September 2024 and Georgia Power Company, June 2025.

0 175 350 700

SCALE IN FEET

PARCEL A&B AND PARCEL E WELL INSTALLATION LOCATIONS

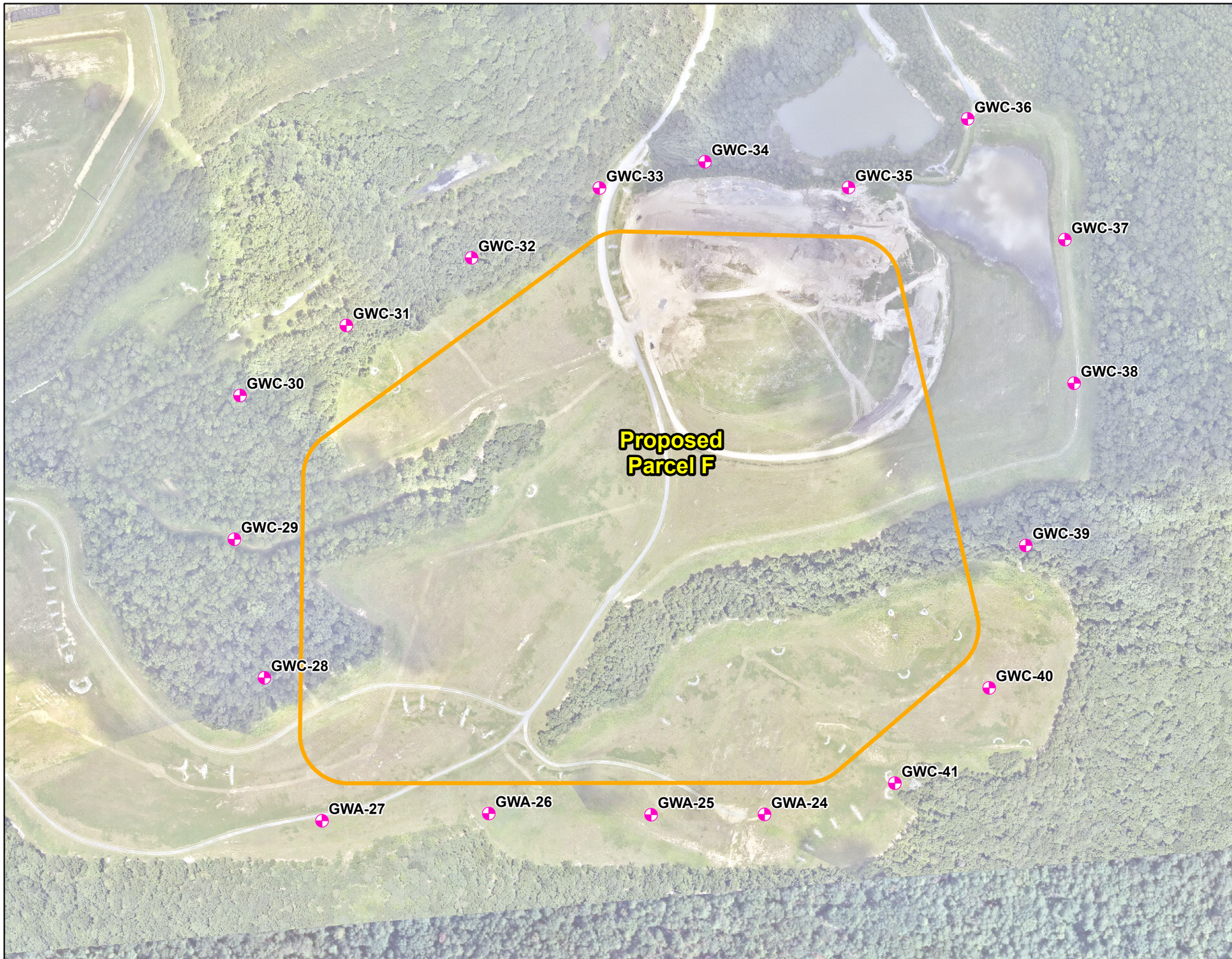
GEORGIA POWER COMPANY
PLANT HAMMOND HUFFAKER ROAD LANDFILL
FLOYD COUNTY, GEORGIA

Prepared For: Georgia Power

Prepared By: Geosyntec consultants

KENNESAW, GA | MARCH 2026

FIGURE 2



N

LEGEND

- Detection Monitoring Well (Installed December 2025)
- Parcel F Proposed Limits of Waste

Notes:
1. Detection Monitoring Wells were installed between December 9 and 18, 2025 and surveyed January 15, 2026.
2. Aerial photograph source: Nearmap September 2024 and Georgia Power Company, June 2025.

0 150 300 600

SCALE IN FEET

PROPOSED PARCEL F WELL INSTALLATION LOCATIONS

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

Prepared For: Georgia Power

Prepared By: Geosyntec consultants

KENNESAW, GA | MARCH 2026

FIGURE 3

APPENDIX A

Well Abandonment Forms (Geosyntec)

Piezometer Abandonment Field Form

Project Name: GP Plant Hammond

Piezometer ID: BH-HS-01

Project No.: GW11927

Drilling Co.: Cascade Drilling

Geosyntec Rep: T. Kessler

Driller: Matt Herron

Date of Abandonment: 11/8/2025

Abandonment Method (i.e. Grout in Place, Overdrill and Grout, etc.): Grout in place

Overdrill Method (i.e. Sonic, Hollow Stem Auger, Air Rotary, etc.): N/A

Guide Rod Used During Overdrill (yes or no): N/A

Diameter of Overdrill Casing/Auger/Bit: N/A

Total Depth: 55.92 ft from Top of Casing Total Depth of Overdrill: N/A

Length of Casing and Screen Removed: N/A

Total Volume of Grout Used (gallons):

Initial Grouting of Casing: Calculated: 2.25 Actual: 10.0

Final Grouting of Overdrilled Hole: Calculated: N/A Actual: N/A

Grout Mixture: 30:1 Cement/Bentonite

Cement Brand: Quickrete Portland Type I/II Bentonite Brand: Baroid QUIK-GEL

Grout Settlement After 24 Hours: N/A

Water Level prior to abandonment: 53.56 ft below Top of Casing

Notes:

1-in piezometer

PVC cut to ground surface

Piezometer Abandonment Field Form

Project Name: GP Plant Hammond

Piezometer ID: HRL-01

Project No.: GW11927

Drilling Co.: Cascade Drilling

Geosyntec Rep: T. Kessler

Driller: Matt Herron

Date of Abandonment: 11/4/2025

Abandonment Method (i.e. Grout in Place, Overdrill and Grout, etc.): Grout casing in place, overdrill and grout boring to within 10 feet of future excavation, chip to surface.

Overdrill Method (i.e. Sonic, Hollow Stem Auger, Air Rotary, etc.): Sonic

Guide Rod Used During Overdrill (yes or no): No

Diameter of Overdrill Casing/Auger/Bit: 4 in

Total Depth: 43.42 ft from Top of Casing Total Depth of Overdrill: 43.0 ft below ground surface

Length of Casing and Screen Removed: 43.42 ft

Total Volume of Grout Used (gallons):

Initial Grouting of Casing: Calculated: 1.77 Actual: 4.00

Final Grouting of Overdrilled Hole: Calculated: 17.49 Actual: 18.0

Grout Mixture: 30:1 Cement/Bentonite

Cement Brand: Quickrete Portland Type I/II Bentonite Brand: Baroid QUIK-GEL

Grout Settlement After 24 Hours: 1.1 ft

Water Level prior to abandonment: 33.80 ft below Top of Casing

Notes:

1-in piezometer– abandoned using 4-inch core barrel

Grouted to 17 ft below ground surface, chip to surface – 1.75 Cubic Feet.

Piezometer Abandonment Field Form

Project Name: GP Plant Hammond

Piezometer ID: HRL-02

Project No.: GW11927

Drilling Co.: Cascade Drilling

Geosyntec Rep: T. Kessler

Driller: Matt Herron

Date of Abandonment: 11/8/2025

Abandonment Method (i.e. Grout in Place, Overdrill and Grout, etc.): Grout in place

Overdrill Method (i.e. Sonic, Hollow Stem Auger, Air Rotary, etc.): N/A

Guide Rod Used During Overdrill (yes or no): N/A

Diameter of Overdrill Casing/Auger/Bit: N/A

Total Depth: 39.50 ft from Top of Casing Total Depth of Overdrill: N/A

Length of Casing and Screen Removed: N/A

Total Volume of Grout Used (gallons):

Initial Grouting of Casing: Calculated: 1.60 Actual: 2.0

Final Grouting of Overdrilled Hole: Calculated: N/A Actual: N/A

Grout Mixture: 30:1 Cement/Bentonite

Cement Brand: Quickrete Portland Type I/II Bentonite Brand: Baroid QUIK-GEL

Grout Settlement After 24 Hours: N/A

Water Level prior to abandonment: 8.85 ft below Top of Casing

Notes:

1-in piezometer

PVC cut to ground surface

Piezometer Abandonment Field Form

Project Name: GP Plant Hammond

Piezometer ID: HRL-03

Project No.: GW11927

Drilling Co.: Cascade Drilling

Geosyntec Rep: T. Kessler

Driller: Matt Herron

Date of Abandonment: 11/8/2025

Abandonment Method (i.e. Grout in Place, Overdrill and Grout, etc.): Grout casing in place, overdrill and grout boring to surface.

Overdrill Method (i.e. Sonic, Hollow Stem Auger, Air Rotary, etc.): Sonic

Guide Rod Used During Overdrill (yes or no): No

Diameter of Overdrill Casing/Auger/Bit: 6 in

Total Depth: 29.96 ft from Top of Casing Total Depth of Overdrill: 35.0 ft below ground surface

Length of Casing and Screen Removed: ~30 ft, screen removed

Total Volume of Grout Used (gallons):

Initial Grouting of Casing:	Calculated: 1.20	Actual: 2.00
Final Grouting of Overdrilled Hole:	Calculated: 37.0	Actual: 35.0

Grout Mixture: 30:1 Cement/Bentonite

Cement Brand: Quickrete Portland Type I/II Bentonite Brand: Baroid QUIK-GEL

Grout Settlement After 24 Hours: N/A

Water Level prior to abandonment: N/A

Notes:

1-in piezometer

2 less gallons than calculated due to fall back after overdrilling

Grout brought to surface as expected future excavations do not intersect existing boring

Piezometer Abandonment Field Form

Project Name: GP Plant Hammond

Piezometer ID: HRL-04

Project No.: GW11927

Drilling Co.: Cascade Drilling

Geosyntec Rep: T. Kessler

Driller: Matt Herron

Date of Abandonment: 11/6/2025

Abandonment Method (i.e. Grout in Place, Overdrill and Grout, etc.): Grout in place

Overdrill Method (i.e. Sonic, Hollow Stem Auger, Air Rotary, etc.): N/A

Guide Rod Used During Overdrill (yes or no): N/A

Diameter of Overdrill Casing/Auger/Bit: N/A

Total Depth: 42.75 ft from Top of Casing Total Depth of Overdrill: N/A

Length of Casing and Screen Removed: N/A

Total Volume of Grout Used (gallons):

Initial Grouting of Casing: Calculated: 1.80 Actual: 2.0

Final Grouting of Overdrilled Hole: Calculated: N/A Actual: N/A

Grout Mixture: 30:1 Cement/Bentonite

Cement Brand: Quickrete Portland Type I/II Bentonite Brand: Baroid QUIK-GEL

Grout Settlement After 24 Hours: N/A

Water Level prior to abandonment: 19.75 ft below Top of Casing

Notes:

1-in piezometer

PVC cut to ground surface.

Piezometer Abandonment Field Form

Project Name: GP Plant Hammond

Piezometer ID: HRL-05

Project No.: GW11927

Drilling Co.: Cascade Drilling

Geosyntec Rep: T. Kessler

Driller: Matt Herron

Date of Abandonment: 11/6/2025

Abandonment Method (i.e. Grout in Place, Overdrill and Grout, etc.): Grout in place

Overdrill Method (i.e. Sonic, Hollow Stem Auger, Air Rotary, etc.): N/A

Guide Rod Used During Overdrill (yes or no): N/A

Diameter of Overdrill Casing/Auger/Bit: N/A

Total Depth: 46.01 ft from Top of Casing Total Depth of Overdrill: N/A

Length of Casing and Screen Removed: N/A

Total Volume of Grout Used (gallons):

Initial Grouting of Casing: Calculated: 1.877 Actual: 4.0

Final Grouting of Overdrilled Hole: Calculated: N/A Actual: N/A

Grout Mixture: 30:1 Cement/Bentonite

Cement Brand: Quickrete Portland Type I/II Bentonite Brand: Baroid QUIK-GEL

Grout Settlement After 24 Hours: N/A

Water Level prior to abandonment: 45.84 ft below Top of Casing

Notes:

1-in piezometer

PVC cut to ground surface.

Piezometer Abandonment Field Form

Project Name: GP Plant Hammond

Piezometer ID: HRL-06

Project No.: GW11927

Drilling Co.: Cascade Drilling

Geosyntec Rep: T. Kessler

Driller: Matt Herron

Date of Abandonment: 11/7/2025

Abandonment Method (i.e. Grout in Place, Overdrill and Grout, etc.): Grout casing in place, overdrill and grout boring to within 10 feet of future excavation, chip to surface.

Overdrill Method (i.e. Sonic, Hollow Stem Auger, Air Rotary, etc.): Sonic

Guide Rod Used During Overdrill (yes or no): No

Diameter of Overdrill Casing/Auger/Bit: 6 in

Total Depth: 62.61 ft from Top of Casing Total Depth of Overdrill: 63.0 ft below ground surface

Length of Casing and Screen Removed: N/A

Total Volume of Grout Used (gallons):

Initial Grouting of Casing: Calculated: 2.55 Actual: 3.00

Final Grouting of Overdrilled Hole: Calculated: 41.74 Actual: 40.0

Grout Mixture: 30:1 Cement/Bentonite

Cement Brand: Quickrete Portland Type I/II Bentonite Brand: Baroid QUIK-GEL

Grout Settlement After 24 Hours: N/A

Water Level prior to abandonment: 30.73 ft below Top of Casing

Notes:

1-in piezometer

Grout from 5 ft to 27 ft below ground surface, decision to add chips to surface - 5.78 Cubic Feet.

Piezometer Abandonment Field Form

Project Name: GP Plant Hammond

Piezometer ID: HRL-07

Project No.: GW11927

Drilling Co.: Cascade Drilling

Geosyntec Rep: T. Kessler

Driller: Matt Herron

Date of Abandonment: 11/6/2025

Abandonment Method (i.e. Grout in Place, Overdrill and Grout, etc.): Grout in place

Overdrill Method (i.e. Sonic, Hollow Stem Auger, Air Rotary, etc.): N/A

Guide Rod Used During Overdrill (yes or no): N/A

Diameter of Overdrill Casing/Auger/Bit: N/A

Total Depth: 51.62 ft from Top of Casing Total Depth of Overdrill: N/A

Length of Casing and Screen Removed: N/A

Total Volume of Grout Used (gallons):

Initial Grouting of Casing: Calculated: 2.106 Actual: 4.0

Final Grouting of Overdrilled Hole: Calculated: N/A Actual: N/A

Grout Mixture: 30:1 Cement/Bentonite

Cement Brand: Quickrete Portland Type I/II Bentonite Brand: Baroid QUIK-GEL

Grout Settlement After 24 Hours: N/A

Water Level prior to abandonment: 45.70 ft below Top of Casing

Notes:

1-in piezometer

Annular space around PVC chipped with Hole-Plug - 3.5 Cubic Feet.

Piezometer Abandonment Field Form

Project Name: GP Plant Hammond

Piezometer ID: HRL-08

Project No.:GW11927

Drilling Co.: Cascade Drilling

Geosyntec Rep: T. Kessler

Driller: Matt Herron

Date of Abandonment: 11/6/2025

Abandonment Method (i.e. Grout in Place, Overdrill and Grout, etc.): Grout in place

Overdrill Method (i.e. Sonic, Hollow Stem Auger, Air Rotary, etc.): N/A

Guide Rod Used During Overdrill (yes or no): N/A

Diameter of Overdrill Casing/Auger/Bit: N/A

Total Depth: 46.75 ft from Top of Casing Total Depth of Overdrill: N/A

Length of Casing and Screen Removed: N/A

Total Volume of Grout Used (gallons):

Initial Grouting of Casing: Calculated: 1.91 Actual: 3.0

Final Grouting of Overdrilled Hole: Calculated: N/A Actual: N/A

Grout Mixture: 30:1 Cement/Bentonite

Cement Brand: Quickrete Portland Type I/II Bentonite Brand: Baroid QUIK-GEL

Grout Settlement After 24 Hours: N/A

Water Level prior to abandonment: 21.68 ft below Top of Casing

Notes:

1-in piezometer

PVC cut to ground surface.

Piezometer Abandonment Field Form

Project Name: GP Plant Hammond

Piezometer ID: HRL-09

Project No.: GW11927

Drilling Co.: Cascade Drilling

Geosyntec Rep: T. Kessler

Driller: Matt Herron

Date of Abandonment: 11/8/2025

Abandonment Method (i.e. Grout in Place, Overdrill and Grout, etc.): Grout in place

Overdrill Method (i.e. Sonic, Hollow Stem Auger, Air Rotary, etc.): N/A

Guide Rod Used During Overdrill (yes or no): N/A

Diameter of Overdrill Casing/Auger/Bit: N/A

Total Depth: 48.06 ft from Top of Casing Total Depth of Overdrill: N/A

Length of Casing and Screen Removed: N/A

Total Volume of Grout Used (gallons):

Initial Grouting of Casing: Calculated: 1.96 Actual: 2.0

Final Grouting of Overdrilled Hole: Calculated: N/A Actual: N/A

Grout Mixture: 30:1 Cement/Bentonite

Cement Brand: Quickrete Portland Type I/II Bentonite Brand: Baroid QUIK-GEL

Grout Settlement After 24 Hours: N/A

Water Level prior to abandonment: 31.30 ft below Top of Casing

Notes:

1-in piezometer

PVC cut to ground surface.

Piezometer Abandonment Field Form

Project Name: GP Plant Hammond

Piezometer ID: HRL-10

Project No.: GW11927

Drilling Co.: Cascade Drilling

Geosyntec Rep: T. Kessler

Driller: Matt Herron

Date of Abandonment: 11/5/2025

Abandonment Method (i.e. Grout in Place, Overdrill and Grout, etc.): Grout casing in place, overdrill and grout boring to within 10 feet of future excavation, chip to surface.

Overdrill Method (i.e. Sonic, Hollow Stem Auger, Air Rotary, etc.): Sonic

Guide Rod Used During Overdrill (yes or no): No

Diameter of Overdrill Casing/Auger/Bit: 4 in

Total Depth: 36.65 ft from Top of Casing Total Depth of Overdrill: 37.0 ft below ground surface

Length of Casing and Screen Removed: N/A

Total Volume of Grout Used (gallons):

Initial Grouting of Casing: Calculated: 1.49 Actual: 2.00

Final Grouting of Overdrilled Hole: Calculated: 17.62 Actual: 18.0

Grout Mixture: 30:1 Cement/Bentonite

Cement Brand: Quickrete Portland Type I/II Bentonite Brand: Baroid QUIK-GEL

Grout Settlement After 24 Hours: N/A

Water Level prior to abandonment: 8.65 ft below Top of Casing

Notes:

1-in piezometer abandoned using 4-in core barrel only due to size of original borehole.

Grouted to 9 ft below ground surface, then 0.70 Cubic Feet of chips added to surface.

Piezometer Abandonment Field Form

Project Name: GP Plant Hammond

Piezometer ID: HRL-11

Project No.: GW11927

Drilling Co.: Cascade Drilling

Geosyntec Rep: T. Kessler

Driller: Matt Herron

Date of Abandonment: 11/8/2025

Abandonment Method (i.e. Grout in Place, Overdrill and Grout, etc.): Grout in place

Overdrill Method (i.e. Sonic, Hollow Stem Auger, Air Rotary, etc.): N/A

Guide Rod Used During Overdrill (yes or no): N/A

Diameter of Overdrill Casing/Auger/Bit: N/A

Total Depth: 47.85 ft from Top of Casing Total Depth of Overdrill: N/A

Length of Casing and Screen Removed: N/A

Total Volume of Grout Used (gallons):

Initial Grouting of Casing: Calculated: 1.95 Actual: 7.00 (in casing)

Final Grouting of Overdrilled Hole: Calculated: N/A Actual: N/A

Grout Mixture: 30:1 Cement/Bentonite

Cement Brand: Quickrete Portland Type I/II Bentonite Brand: Baroid QUIK-GEL

Grout Settlement After 24 Hours: N/A

Water Level prior to abandonment: 29.45 ft below Top of Casing

Notes:

1-in piezometer

PVC was cut to ground surface

Piezometer Abandonment Field Form

Project Name: GP Plant Hammond

Piezometer ID: HRL-12A

Project No.: GW11927

Drilling Co.: Cascade Drilling

Geosyntec Rep: T. Kessler

Driller: Matt Herron

Date of Abandonment: 11/4/2025

Abandonment Method (i.e. Grout in Place, Overdrill and Grout, etc.): Grout casing in place, overdrill and grout to surface.

Overdrill Method (i.e. Sonic, Hollow Stem Auger, Air Rotary, etc.): Sonic

Guide Rod Used During Overdrill (yes or no): No

Diameter of Overdrill Casing/Auger/Bit: 6 in

Total Depth: 35.45 ft from Top of Casing Total Depth of Overdrill: 36.0 ft below ground surface

Length of Casing and Screen Removed: 25.0 ft

Total Volume of Grout Used (gallons):

Initial Grouting of Casing: Calculated: 5.81 Actual: 6.00

Final Grouting of Overdrilled Hole: Calculated: 31.28 Actual: 32.0

Grout Mixture: 30:1 Cement/Bentonite

Cement Brand: Quickrete Portland Type I/II Bentonite Brand: Baroid QUIK-GEL

Grout Settlement After 24 Hours: N/A

Water Level prior to abandonment: 21.55 ft below Top of Casing

Notes:

2-in piezometer

Screen was broken and crushed during abandonment and was not recovered

Grout brought to surface as expected future excavations do not intersect existing boring

Piezometer Abandonment Field Form

Project Name: GP Plant Hammond

Piezometer ID: HRL-13

Project No.: GW11927

Drilling Co.: Cascade Drilling

Geosyntec Rep: A. Tomlinson

Driller: Matt Herron

Date of Abandonment: 11/22/2025

Abandonment Method (i.e. Grout in Place, Overdrill and Grout, etc.): Grout casing in place, overdrill and grout to surface.

Overdrill Method (i.e. Sonic, Hollow Stem Auger, Air Rotary, etc.): Sonic

Guide Rod Used During Overdrill (yes or no): No

Diameter of Overdrill Casing/Auger/Bit: 6-in to 20 ft below ground surface, 4-in to 50 ft below ground surface

Total Depth: N/A- could not measure

Total Depth of Overdrill: 50'

Length of Casing and Screen Removed: 11.5' casing

Total Volume of Grout Used (gallons):

Initial Grouting of Casing: Calculated: N/A Actual: N/A

Final Grouting of Overdrilled Hole: Calculated: 48.96 gal Actual: 40 gal

Grout Mixture: 30:1 Cement/Bentonite

Cement Brand: Quickrete Portland Type I/II

Bentonite Brand: Baroid QUIK-GEL

Grout Settlement After 24 Hours: 3 ft

Water Level prior to abandonment: N/A

Notes:
1-in piezometer
Well was hit by a truck and was bent and infilled with sediment. 11.5 ft of casing recovered, evidence of casing/screen in drilled hole.
Grout brought to surface as expected future excavations do not intersect existing boring.

Piezometer Abandonment Field Form

Project Name: GP Plant Hammond

Piezometer ID: HRL-15

Project No.: GW11927

Drilling Co.: Cascade Drilling

Geosyntec Rep: T. Kessler

Driller: Matt Herron

Date of Abandonment: 11/8/2025

Abandonment Method (i.e. Grout in Place, Overdrill and Grout, etc.): Grout casing in place, overdrill and grout boring to within 10 feet of future excavation, chip to surface.

Overdrill Method (i.e. Sonic, Hollow Stem Auger, Air Rotary, etc.): Sonic

Guide Rod Used During Overdrill (yes or no): No

Diameter of Overdrill Casing/Auger/Bit: 6 in

Total Depth: 46.15 ft from Top of Casing Total Depth of Overdrill: 45.0 ft below ground surface

Length of Casing and Screen Removed: 35.0 ft

Total Volume of Grout Used (gallons):

Initial Grouting of Casing:	Calculated: 1.80	Actual: 2.00
Final Grouting of Overdrilled Hole:	Calculated: 12.3	Actual: 12.5

Grout Mixture: 30:1 Cement/Bentonite

Cement Brand: Quickrete Portland Type I/II Bentonite Brand: Baroid QUIK-GEL

Grout Settlement After 24 Hours: N/A

Water Level prior to abandonment: 22.11 ft below Top of Casing

Notes:
1-in piezometer – 35 ft of casing removed, remainder of screen was crushed, fragments were observed in returns.
Fall in to 27 ft - clear to 35 ft below ground surface to chip - 6.30 Cubic Feet.

Piezometer Abandonment Field Form

Project Name: GP Plant Hammond

Piezometer ID: HRL-16

Project No.: GW11927

Drilling Co.: Cascade Drilling

Geosyntec Rep: T. Kessler

Driller: Matt Herron

Date of Abandonment: 11/5/2025

Abandonment Method (i.e. Grout in Place, Overdrill and Grout, etc.): Grout casing in place, overdrill and grout boring to within 10 feet of future excavation, chip to surface.

Overdrill Method (i.e. Sonic, Hollow Stem Auger, Air Rotary, etc.): Sonic

Guide Rod Used During Overdrill (yes or no): No

Diameter of Overdrill Casing/Auger/Bit: 6 in

Total Depth: 47.10 ft from Top of Casing Total Depth of Overdrill: 46.0 ft below ground surface

Length of Casing and Screen Removed: 47.10 ft

Total Volume of Grout Used (gallons):

Initial Grouting of Casing: Calculated: 7.68 Actual: 7.00

Final Grouting of Overdrilled Hole: Calculated: 34.07 Actual: 35.0

Grout Mixture: 30:1 Cement/Bentonite

Cement Brand: Quickrete Portland Type I/II Bentonite Brand: Baroid QUIK-GEL

Grout Settlement After 24 Hours: N/A

Water Level prior to abandonment: 29.05 ft below Top of Casing

Notes:
2-in piezometer
Grouted to 23.2 ft below ground surface
11/6 - Grout rose to 4 ft below ground surface - Suspect collapse - clear to 22 ft below ground surface with rig and chip - 5.25 Cubic Feet.

Piezometer Abandonment Field Form

Project Name: GP Plant Hammond

Piezometer ID: HRL-17

Project No.: GW11927

Drilling Co.: Cascade Drilling

Geosyntec Rep: T. Kessler

Driller: Matt Herron

Date of Abandonment: 11/6/2025

Abandonment Method (i.e. Grout in Place, Overdrill and Grout, etc.): Grout casing in place, overdrill and grout boring to within 10 feet of future excavation, chip to surface.

Overdrill Method (i.e. Sonic, Hollow Stem Auger, Air Rotary, etc.): Sonic

Guide Rod Used During Overdrill (yes or no): No

Diameter of Overdrill Casing/Auger/Bit: 6 in

Total Depth: 40.40 ft below Top of Casing Total Depth of Overdrill: 39.00 ft below ground surface

Length of Casing and Screen Removed: 40.40 ft

Total Volume of Grout Used (gallons):

Initial Grouting of Casing:	Calculated: 6.59	Actual: 6.00
Final Grouting of Overdrilled Hole:	Calculated: 31.43	Actual: 32.0

Grout Mixture: 30:1 Cement/Bentonite

Cement Brand: Quickrete Portland Type I/II Bentonite Brand: Baroid QUIK-GEL

Grout Settlement After 24 Hours: N/A

Water Level prior to abandonment: 25.21 ft below Top of Casing

Notes:
2-in piezometer – grouted to 17.3 ft below ground surface
Borehole collapse – Ream to 20 ft below ground surface and add chips to surface
-3.40 Cubic feet

Piezometer Abandonment Field Form

Project Name: GP Plant Hammond

Piezometer ID: HRL-18

Project No.: GW11927

Drilling Co.: Cascade Drilling

Geosyntec Rep: T. Kessler

Driller: Matt Herron

Date of Abandonment: 11/6/2025

Abandonment Method (i.e. Grout in Place, Overdrill and Grout, etc.): Grout in place

Overdrill Method (i.e. Sonic, Hollow Stem Auger, Air Rotary, etc.): N/A

Guide Rod Used During Overdrill (yes or no): N/A

Diameter of Overdrill Casing/Auger/Bit: N/A

Total Depth: 33.13 ft from Top of Casing Total Depth of Overdrill: N/A

Length of Casing and Screen Removed: N/A

Total Volume of Grout Used (gallons):

Initial Grouting of Casing: Calculated: 1.35 Actual: 3.0

Final Grouting of Overdrilled Hole: Calculated: N/A Actual: N/A

Grout Mixture: 30:1 Cement/Bentonite

Cement Brand: Quickrete Portland Type I/II Bentonite Brand: Baroid QUIK-GEL

Grout Settlement After 24 Hours: N/A

Water Level prior to abandonment: 10.63 ft below Top of Casing

Notes:

1-in piezometer

PVC cut to ground surface.

Piezometer Abandonment Field Form

Project Name: GP Plant Hammond

Piezometer ID: HRL-19

Project No.: GW11927

Drilling Co.: Cascade Drilling

Geosyntec Rep: T. Kessler

Driller: Matt Herron

Date of Abandonment: 11/6/2025

Abandonment Method (i.e. Grout in Place, Overdrill and Grout, etc.): Grout in place

Overdrill Method (i.e. Sonic, Hollow Stem Auger, Air Rotary, etc.): N/A

Guide Rod Used During Overdrill (yes or no): N/A

Diameter of Overdrill Casing/Auger/Bit: N/A

Total Depth: 41.86 ft from Top of Casing Total Depth of Overdrill: N/A

Length of Casing and Screen Removed: N/A

Total Volume of Grout Used (gallons):

Initial Grouting of Casing: Calculated: 1.71 Actual: 2.0

Final Grouting of Overdrilled Hole: Calculated: N/A Actual: N/A

Grout Mixture: 30:1 Cement/Bentonite

Cement Brand: Quickrete Portland Type I/II Bentonite Brand: Baroid QUIK-GEL

Grout Settlement After 24 Hours: N/A

Water Level prior to abandonment: 19.43 ft below Top of Casing

Notes:

1-in piezometer

PVC cut to ground surface.

Piezometer Abandonment Field Form

Project Name: GP Plant Hammond

Piezometer ID: PZ-HS-03

Project No.: GW11927

Drilling Co.: Cascade Drilling

Geosyntec Rep: T. Kessler

Driller: Matt Herron

Date of Abandonment: 11/4/2025

Abandonment Method (i.e. Grout in Place, Overdrill and Grout, etc.): Grout casing in place, overdrill and grout boring to within 10 feet of future excavation, chip to surface.

Overdrill Method (i.e. Sonic, Hollow Stem Auger, Air Rotary, etc.): Sonic

Guide Rod Used During Overdrill (yes or no): No

Diameter of Overdrill Casing/Auger/Bit: 4 in

Total Depth: 50.95 ft from Top of Casing Total Depth of Overdrill: 62.0 ft below ground surface

Length of Casing and Screen Removed: 50.95 ft

Total Volume of Grout Used (gallons):

Initial Grouting of Casing:	Calculated: 2.48	Actual: 3.00
Final Grouting of Overdrilled Hole:	Calculated: 28.8	Actual: 30.0

Grout Mixture: 30:1 Cement/Bentonite

Cement Brand: Quickrete Portland Type I/II Bentonite Brand: Baroid QUIK-GEL

Grout Settlement After 24 Hours: 0.3 ft

Water Level prior to abandonment: 18.85 ft below Top of Casing

Notes:
1-in piezometer abandoned using 4-in core barrel only due to smaller size of original borehole.
Grouted to 17.8 ft below ground surface, measured at 18.1 below ground surface, chip to surface – 2.80 Cubic Feet.

Piezometer Abandonment Field Form

Project Name: GP Plant Hammond

Piezometer ID: PZ-HS-04

Project No.: GW11927

Drilling Co.: Cascade Drilling

Geosyntec Rep: T. Kessler

Driller: Matt Herron

Date of Abandonment: 11/8/2025

Abandonment Method (i.e. Grout in Place, Overdrill and Grout, etc.): Grout in place

Overdrill Method (i.e. Sonic, Hollow Stem Auger, Air Rotary, etc.): N/A

Guide Rod Used During Overdrill (yes or no): N/A

Diameter of Overdrill Casing/Auger/Bit: N/A

Total Depth: 29.46 ft from Top of Casing Total Depth of Overdrill: N/A

Length of Casing and Screen Removed: N/A

Total Volume of Grout Used (gallons):

Initial Grouting of Casing: Calculated: 1.20 Actual: 3.0

Final Grouting of Overdrilled Hole: Calculated: N/A Actual: N/A

Grout Mixture: 30:1 Cement/Bentonite

Cement Brand: Quickrete Portland Type I/II Bentonite Brand: Baroid QUIK-GEL

Grout Settlement After 24 Hours: N/A

Water Level prior to abandonment: 9.55 ft below Top of Casing

Notes:

1-in piezometer

PVC cut to ground surface.

Piezometer Abandonment Field Form

Project Name: GP Plant Hammond

Piezometer ID: PZ-HS-05

Project No.: GW11927

Drilling Co.: Cascade Drilling

Geosyntec Rep: T. Kessler

Driller: Matt Herron

Date of Abandonment: 11/5/2025

Abandonment Method (i.e. Grout in Place, Overdrill and Grout, etc.): Grout casing in place, overdrill and grout boring to within 10 feet of future excavation, chip to surface.

Overdrill Method (i.e. Sonic, Hollow Stem Auger, Air Rotary, etc.): Sonic

Guide Rod Used During Overdrill (yes or no): No

Diameter of Overdrill Casing/Auger/Bit: 4 in and 6 in

Total Depth: 81.40 ft from Top of Casing Total Depth of Overdrill: 80.0 ft below ground surface

Length of Casing and Screen Removed: N/A

Total Volume of Grout Used (gallons):

Initial Grouting of Casing:	Calculated: 3.31	Actual: 4.00
Final Grouting of Overdrilled Hole:	Calculated: 103.7	Actual: 70.0

Grout Mixture: 30:1 Cement/Bentonite

Cement Brand: Quickrete Portland Type I/II Bentonite Brand: Baroid QUIK-GEL

Grout Settlement After 24 Hours: N/A

Water Level prior to abandonment: 12.58 ft below Top of Casing

Notes:
1-in piezometer
Attempt to grout in casing, accepted ~1 gal, would not accept more, discontinue grouting, 4 in stuck so overdrilled with 6 in
6-in borehole filled to ground surface with 2/3 required grout, suspect collapse or other event (displacement by residual grout etc.).
(11/6) grout settled to 3.5 ft below ground surface. Overdrilled and grouted to 9.90 ft below ground surface with 6-in casing, chipped with bentonite - 3.5 Cubic Feet.

Piezometer Abandonment Field Form

Project Name: GP Plant Hammond

Piezometer ID: PZ-HS-06

Project No.: GW11927

Drilling Co.: Cascade Drilling

Geosyntec Rep: T. Kessler

Driller: Matt Herron

Date of Abandonment: 11/6/2025

Abandonment Method (i.e. Grout in Place, Overdrill and Grout, etc.): Grout casing in place, overdrill and grout boring to within 10 feet of future excavation, chip to surface.

Overdrill Method (i.e. Sonic, Hollow Stem Auger, Air Rotary, etc.): Sonic

Guide Rod Used During Overdrill (yes or no): No

Diameter of Overdrill Casing/Auger/Bit: 6 in

Total Depth: 64.4 ft from Top of Casing Total Depth of Overdrill: 65.0 ft below ground surface

Length of Casing and Screen Removed: 64.4 ft

Total Volume of Grout Used (gallons):

Initial Grouting of Casing: Calculated: 2.65 Actual: 3.00

Final Grouting of Overdrilled Hole: Calculated: 51.41 Actual: 50.0

Grout Mixture: 30:1 Cement/Bentonite

Cement Brand: Quickrete Portland Type I/II Bentonite Brand: Baroid QUIK-GEL

Grout Settlement After 24 Hours: N/A

Water Level prior to abandonment: 29.58 ft below Top of Casing

Notes:

1-in piezometer – Difficulty w/overdrill – Suspect original boring is not level – grouted to 27 ft below ground surface – chipped with 6.3 Cubic Feet of chips.

APPENDIX B

2024 Piezometer Abandonment Report (Stantec)

2024 PIEZOMETER ABANDONMENT REPORT – HUFFAKER ROAD LANDFILL
Proposed Parcel F Landfill
Solid Waste Disposal Facility
Permit No. #057-022D (LI)

March 6, 2026

Prepared for:

Georgia Power

Prepared by:
Stantec Consulting Services Inc.
1150 Sanctuary Parkway, Suite 425
Alpharetta, Georgia 30009-0850

CERTIFICATION STATEMENT

I hereby certify that this *2024 Piezometer Abandonment Report –Huffaker Road Landfill* has been prepared by, or under the direct supervision of, a Qualified Groundwater Scientist with Stantec Consulting Services, Inc. and is in compliance with the United States Environmental Protection Agency Coal Combustion Residual Rule [40 Code of Federal Regulations 257 Subpart D], specifically §257.91(e)(1), and the Georgia Environmental Protection Division Rules for Solid Waste Management 391-3-4-.10.

According to 391-3-4-.01(57), a Qualified Groundwater Scientist is "a professional engineer or geologist registered to practice in Georgia who has received a baccalaureate or post-graduate degree in the natural sciences or engineering and has sufficient training and experience in groundwater hydrology and related fields that enable that individual to make sound professional judgments regarding groundwater monitoring, contaminant fate and transport, and corrective action."

_____
Josh Massey, P.G.
Senior Geologist

March 6, 2026
Date

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2 PIEZOMETER ABANDONMENT 2.1

3 REFERENCES 3.2

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Table 1 Summary Details of Abandoned Piezometers

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Figure 1a Location of Abandoned Piezometers HRL-14 and PZ-HS-02

Figure 1b Proposed Subgrade for HRL Parcel F Landfill

Figure 2 Well Abandonment Log for HRL-14

Figure 3 Well Abandonment Log for PZ-HS-02

LIST OF APPENDICES

Appendix A Boring Logs for HRL-14 and PZ-HS-02

Appendix B SCS-CFS Drilling Bond

1 Introduction

Stantec Consulting Services Inc. (Stantec) is submitting this Abandonment Report to Southern Company Services, Inc. (SCS) and Georgia Power Company (Georgia Power), documenting the abandonment of two piezometers, HRL-14 and PZ-HS-02, at the Huffaker Road Landfill (HRL) site in Rome, Georgia on December 2-4, 2024. Piezometers HRL-14 and PZ-HS-02 were proposed for abandonment in preparation for construction activities related to the proposed landfill within Parcel F at HRL (Stantec, 2024).

HRL-14 and PZ-HS-02 are located in the footprint of the proposed HRL Parcel F Landfill. HRL-14 is screened in the overburden, including partially weathered rock comprised of shale. PZ-HS-02 is screened in the competent bedrock comprised of shale. The local geology of the area is generally comprised of a thin bed of unconsolidated overburden soil (e.g. lean clay and sandy clay) and partially weathered shale overlying competent shale bedrock.

HRL-14 and PZ-HS-02 construction details are included in Table 1, and the locations of HRL-14 and PZ-HS-02 are shown in Figure 1a. The abandonment procedures are discussed in forthcoming Section 2.

2 Piezometer Abandonment

Piezometers HRL-14 and PZ-HS-02 were abandoned in general accordance with the Georgia Water Well Standards Act (OCGA § 12-5-120 through 138) and the U.S. Environmental Protection Agency (USEPA) Science and Ecosystem Support Division guidance document Design and Installation of Monitoring Wells (SESDGUID-101-R2) for well abandonment procedures (US EPA, 2017).

Prior to commencing abandonments, each piezometer was gauged and measured. One-inch polyvinyl chloride (PVC) screen/casing strings were subsequently removed from HRL-14 and PZ-HS-02 with a Geoprobe 7822DT drilling rig. PVC casing and screen lengths matched the boring log depths and stick-up lengths for each piezometer from HRL-14 and PZ-HS-02. Boring logs for HRL-14 and PZ-HS-02 are found in Appendix A.

Southern Company Services-Civil Field Services (SCS-CFS) utilized a Geoprobe 7822DT drilling rig to over drill both HRL-14 and PZ-HS-02 using 2.25-inch inner diameter hollow-stem augers to produce new 6-inch borings, such that the filter packs, grout, and seals of each of the piezometer footprints were removed completely. Proposed HRL Parcel F landfill elevation information from the HRL construction set found in Figure 1b (Stantec, 2026) was referenced to place the top of the cement/bentonite grout below the future landfill subgrade (676 feet NAVD88 at HRL-14 and 670.8 feet NAVD88 at PZ-HS-02). A cement/bentonite grout mix (94%/6%) was then pumped into the 6-inch-diameter over-drilled borings with a tremie pipe, starting from the bottom of the over-drilled borings (Figures 2 & 3). Curing time for the cement/bentonite grout at each boring was overnight (18+hours). The field-measured top of the cement/bentonite grout was approximately 673.4 feet NAVD88, 2.6 feet below the proposed excavation depth of 676 feet NAVD88 at HRL-14 (Figure 2); the field-measured top of the cement/bentonite grout was approximately 655.7 feet NAVD88 which was 15.1 feet below the proposed cut elevation of 670.8

feet NAVD88 at PZ-HS-02 (Figure 3). Both over-drilled borings were filled with 30% solids bentonite grout from the top of the cement/bentonite grout to existing ground surface (Figures 2 & 3).

SCS-CFS has a bond with the Water Wells Standards Advisory Council for the state of Georgia, which was valid at the time of abandonment (Appendix B).

3 References

Stantec (2018). “Huffaker Road Landfill CCR Permit Application.” Prepared for Georgia Power, as updated.

Stantec (2024). “Huffaker Road Site Acceptability Report-Parcel F Lateral Expansion.” Prepared for Georgia Power, January 5, 2024.

Stantec (2026). “Huffaker Road Coal Combustion Residuals (CCR) Disposal Facility 90% Construction Drawings.” Prepared for Georgia Power, February 2026.

US EPA (2017). Groundwater Sampling; Science and Ecosystem Support Division, United States Environmental Protection Agency (US EPA) Region 4, SESDPROC-301-R4, April 26, 2017.

TABLE

TABLE 1
Summary Details of Abandoned Piezometers

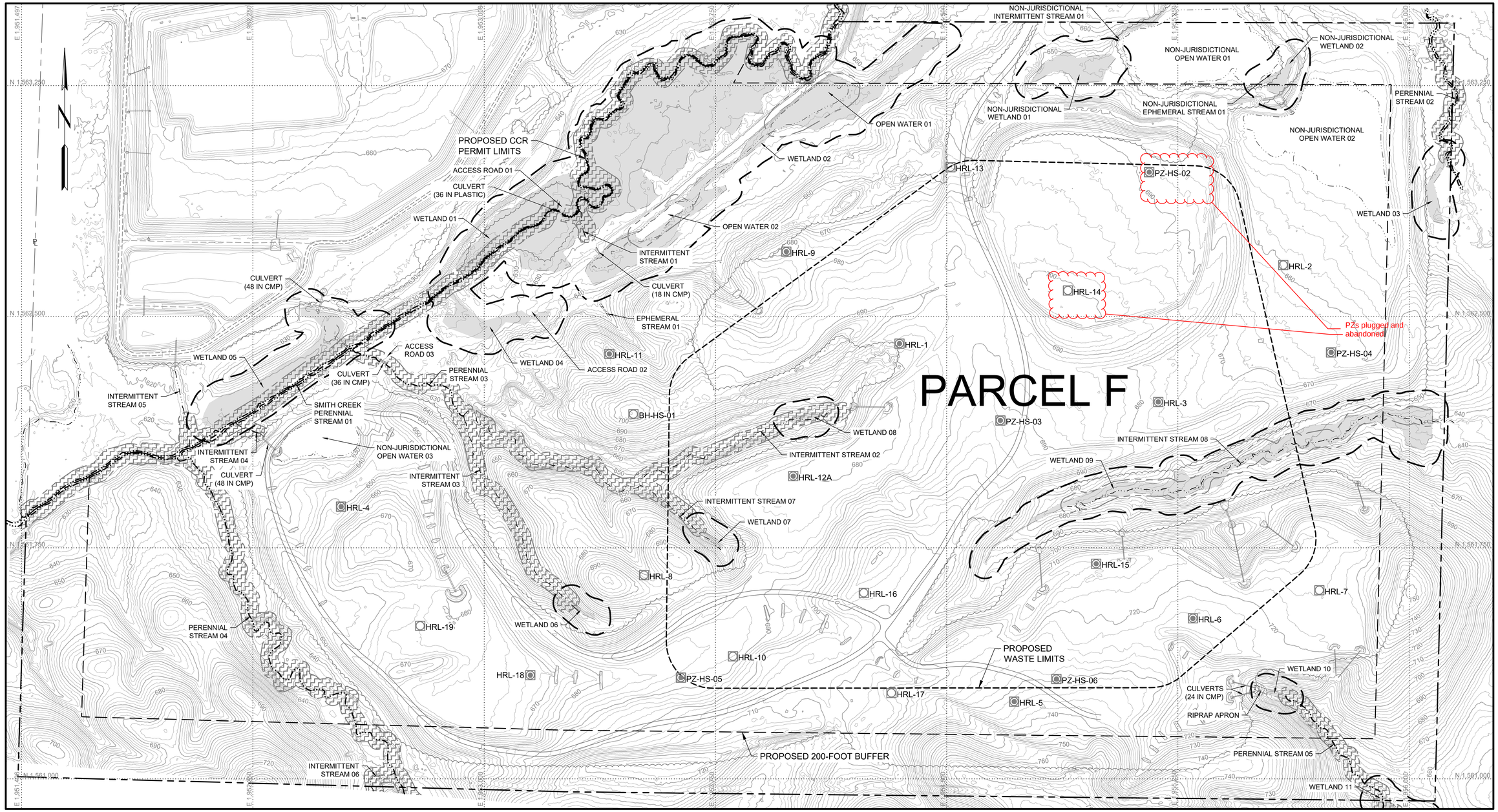
Georgia Power Company -
Huffaker Road Landfill
Parcel F
Floyd County, Georgia

Well Name	Installation Date	Northing (ft NAD83)[1]	Easting (ft NAD83)[1]	Ground Surface Elevation (ft, NAVD88)[2, 4]	Top of Casing Elevation (ft, NAVD88)[2]	Top of Screen Depth (ft below ground surface)	Bottom of Screen Depth (ft below ground surface)	Top of Screen Elevation (ft, NAVD88)	Bottom of Screen Elevation (ft, NAVD88)	Well Depth (ft below ground surface)	Lithology Screened[3]
PZ-HS-02[4]	6/7/2021	1562969.79	1955156.83	688.95	691.95	38.6/30.9[4]	48.6/40.9[4]	650.35	640.35	48.6/40.9[4]	Bedrock
HRL-14	5/17/2022	1562585.54	1954893.10	700.43	703.00	45.7	55.7	654.73	644.73	55.9	PWR

Notes:

1. Horizontal locations were referenced to Georgia State Plane West, North American Datum of 1983 (NAD 83).
2. Elevations are feet (ft) referenced to North American Vertical Datum of 1988 (NAVD 88).
3. PWR indicates Partially Weathered Rock.
4. SAIIA re-shot top of ground surface at PZ-HS-02 on December 3, 2024, which was 681.25 feet NAVD88. 7.7 feet of difference in ground elevation was due to excavation work at HRL F.

FIGURES



MAPPING SOURCE NOTES:

1. TOPOGRAPHIC AND PLANIMETRIC SURVEY INFORMATION FOR THE PLANS WERE OBTAINED FROM SURVEYS PERFORMED BY SOUTHERN COMPANY SERVICES, INC. DATED MARCH 2008 AND JANUARY 2016 AND CONTOURS OBTAINED FROM DIGITAL TERRAIN MODELS OF AERIAL LIDAR SURVEYS DATED NOVEMBER 2019 AND FEBRUARY 2022, SUPPLEMENTED WITH AERIAL LIDAR SURVEYS DATED JANUARY 2021, APRIL 2022 AND AUGUST 2022.

2. PROVIDED STAMP IS FOR THE GENERAL ARRANGEMENT OF PLAN INFORMATION. THE TOPOGRAPHIC SURVEY WAS PERFORMED/PROVIDED BY SAM, LLC. AND CERTIFIED BY A REGISTERED LAND SURVEYOR. THIS INFORMATION IS PROVIDED IN APPENDIX F OF THE 2023 SITE ACCEPTABILITY REPORT ADDENDUM.

3. ALL COORDINATES ARE BASED ON NORTH AMERICAN DATUM 83 (NAD 83) GEORGIA STATE PLANE, WEST ZONE. ALL ELEVATIONS ARE BASED ON THE NORTH AMERICAN DATUM 88 (NAVDS 88).

NOTE:

WETLANDS DELINEATION DATA ARE FROM FIELD SURVEY CONDUCTED BY ECOLOGICAL SOLUTIONS INC IN JANUARY 2021.

LEGEND

- PROPOSED WASTE LIMITS
- PROPOSED CCR PERMIT LIMITS
- EXISTING PROPERTY LIMITS
- PROPOSED 200' BUFFER LIMITS
- 50' WETLAND BUFFER
- WETLAND ACCORDING TO ECO SOLUTIONS REPORT
- 25' STREAM BUFFER ACCORDING TO ECO SOLUTIONS REPORT
- 25' STREAM BUFFER
- TREE LINE
- EDGE OF WATER
- PERENNIAL STREAM
- INTERMITTENT STREAM
- EPHEMERAL STREAM
- 500 EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- EXISTING PIEZOMETER WITH ROCK CORE
- PIEZOMETER WITHOUT ROCK CORE

75 0 150 300 FEET

GRAPHIC SCALE: 1" = 150'
CONTOUR INTERVAL = 2'

REV	DATE	DESCRIPTION	DRN	CHK
1	12/14/23	ISSUED FOR REVIEW	JM	MV
0	03/31/23	ISSUED FOR REVIEW	JM	MV

EXISTING CONDITIONS TOPOGRAPHIC MAP, 2022

PROPOSED PARCEL F AREA

FOR

GEORGIA POWER
HUFFAKER ROAD COAL COMBUSTION
BY-PRODUCTS DISPOSAL FACILITY

FLOYD COUNTY, GEORGIA

1110 Market Street, Suite 214A
Chattanooga, Tennessee 37402-2863
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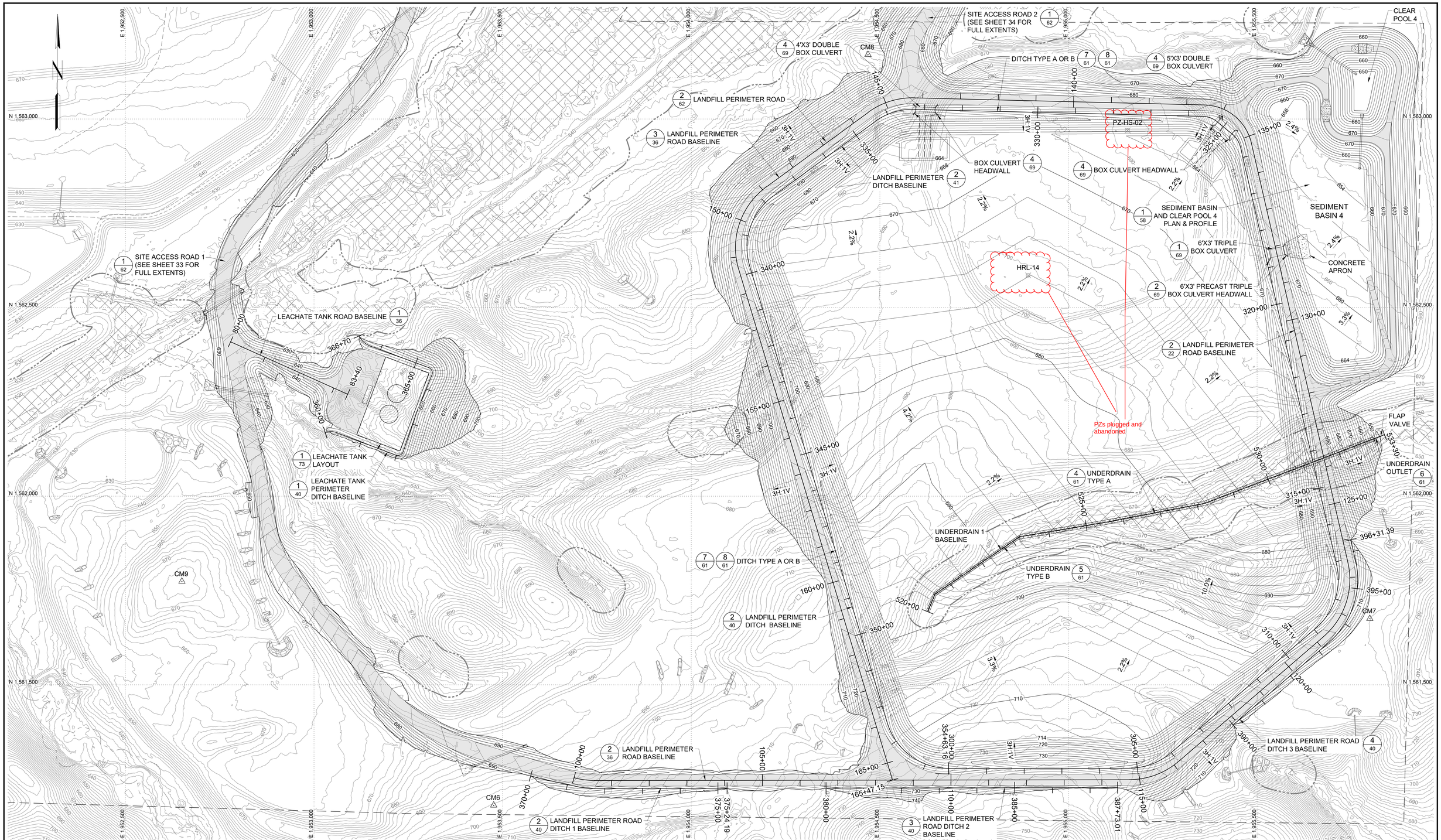
PROJ. NO.	175518236	DWG. FIG2-1_EXISTING_CONDITIONS
SCALE	1" = 150'	FIGURE 1a
DATE	12/14/23	

ILUS\522-PPFSS01\SHARED_PROJECTS\175518236\TECHNICAL_PRODUCTION\DRAWING\PARCEL_F\FIGURES\AR_FIGURES\SHEET_FILES\FIG2-1_EXISTING_CONDITIONS.DWG



LEGEND

- EXISTING INDEX CONTOUR (660)
- EXISTING INTERMEDIATE CONTOUR
- ELECTRIC LINE (E)
- FIBER OPTIC LINE (FO)
- RAILROAD
- PROPERTY LINE
- LIMIT OF UNDISTURBED BUFFER
- WETLANDS BUFFER
- STREAM BUFFER
- WETLANDS
- RIPRAP
- POWER POLE (PP)
- SURVEY IRON PIN (IP)
- SURVEY CONTROL MONUMENT
- PROPOSED INDEX CONTOUR (710)
- PROPOSED INTERMEDIATE CONTOUR
- BASELINE

MAPPING SOURCE NOTES:

1. TOPOGRAPHIC AND PLANIMETRIC SURVEY INFORMATION FOR THE PLANS WERE OBTAINED FROM SURVEYS PERFORMED BY SOUTHERN COMPANY SERVICES, INC. DATED MARCH 2008 AND JANUARY 2016, AND CONTOURS OBTAINED FROM DIGITAL TERRAIN MODELS OF AERIAL LIDAR SURVEYS DATED NOVEMBER 2019 AND FEBRUARY 2022, SUPPLEMENTED WITH AERIAL LIDAR SURVEYS DATED JANUARY 2021, APRIL 2022, AND AUGUST 2022.
2. ALL COORDINATES ARE BASED ON NORTH AMERICAN DATUM 83 (NAD 83), GEORGIA STATE PLANE, WEST ZONE. ALL ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM 88 (NAVD 88).

NOTES:

1. PROPOSED CONTOURS REPRESENT THE TOP OF THE SUBGRADE LAYER.
2. ILLUSTRATED ARE THE APPROXIMATE UNDERDRAIN ALIGNMENTS. THE ACTUAL ALIGNMENT LOCATIONS WILL BE FIELD VERIFIED WITH THE UNDERDRAINS CENTERED ALONG THE EXISTING DRAINAGE FEATURES AND OUTLETS CONSTRUCTED ACCORDING TO THE PROVIDED DETAILS.
3. PRELIMINARY WETLAND DETERMINATION HAS BEEN MADE AND IS SUBJECT TO USACE REVIEW AND CONCURRENCE.

50 0 100 200 FEET
GRAPHIC SCALE: 1"=100'
CONTOUR INTERVAL 2 FEET

90% SUBMITTAL
ISSUED FOR REVIEW
NOT FOR CONSTRUCTION

SECTION OR DETAIL NO.
TARGET DRAWING
REFERENCE KEY

REV	DATE	DESCRIPTION	DRWN	CHKD
-	-	-	-	-
A	02/13/26	ISSUED FOR REVIEW	JM	KDL

STAGE 1 SUBGRADE PLAN

CONSTRUCTION PLANS

PLANT HAMMOND - GEORGIA POWER
HUFFAKER ROAD COAL COMBUSTION
BY-PRODUCTS DISPOSAL FACILITY (PARCEL F)
FLOYD COUNTY, GEORGIA

1110 Market Street, Suite 214A
Chattanooga, Tennessee 37402-2863
www.stantec.com
Stantec

PROJECT NO.	175518229	DWG.	15_18229_112_SG1
SCALE	AS SHOWN	FIGURE 1b	
DATE	02/13/26		

PLOT DATE: 2/25/2026 USER: MASSEY, JOSH
\\US0022-PWSS01\SHARED_PROJECTS\175518229\TECHNICAL_PRODUCTION\DRAWINGS\PARCEL_F\REVISION\SHEET_FILES\15_18229_112_SG1.DWG

Well Abandonment Log - Figure 2

Georgia Power

Project Name:	Proposed Huffaker Road Landfill, Parcel F	Date Started:	12/2/2024	Date Completed:	12/4/2024
Borehole/Well No:	HRL-14	Northing (ft):	1562585.50	Easting (ft):	1954893.10
Plant Name:	Hammond	Location Datum:	NAD83	Elevation Datum:	NAVD88
Plant Address:	Huffaker Rd NW, Rome, Floyd County, GA	Surface/ Ground Elevation (ft):	700.4	Stickup (ft, ags):	2.60
Project Number:	175518229	Borehole Diameter (in):	6.0	Borehole Depth (ft, bgs):	56.0
Goals/Task:	Abandon HRL-14	Well Casing Diameter (in):	1.0	Well Depth (ft, bgs):	55.9
Drilling Company:	Southern Company- Civil Field Services	Top of Casing elev (ft):	703.0	Screen length (ft):	10.0
Drilling Equipment/Rig Type:	Geoprobe 7822DT				
Abandonment Drilling Method:	2.25-inch Inner Diameter Hollow Stem Augers				
Recovery Sampling Method:	NA				
Prepared By:	Josh Massey, PG, EIT				
Review By:	Andreas Shoredits, PG				

Not to Scale

Well Abandonment Construction (depths in feet bgs)

Top of overdrill/top bentonite grout at 700.4 feet NAVD88

Proposed liner depth 24.50 ft bgs

Top of cement/bentonite grout 27.00 feet bgs

Depth to Water (ft bgs) 29.20 12/2/2024

56.0 Bottom of Overdrill, 6-inch boring

Materials Inventory

Casing Type (steel or PVC, schedule 40 or 80): 1-inch ID PVC, Schedule 40

Casing
Top: N/A ft, ags Bottom: N/A ft, bgs

Screen Type: (1-inch, Factory Machine Slotted)

Screen Slot Size: (0.010)

Screen
Top: N/A ft, bgs Bottom: N/A ft, bgs

Sump/end cap
Top: N/A ft, bgs Bottom: N/A ft, bgs

Neat cement, overdrill:
Top: 27 ft, bgs Bottom: 56 ft, bgs

Abandonment Grout Type:
Portland cement/bentonite grout (94% cement to 6 % bentonite)

Abandonment Grout Quantity:
Portland cement/bentonite grout: 42 gallons

Bentonite:
Top: 0 ft, bgs Bottom: 27 ft, bgs

Abandonment Bentonite Type:
30% solids bentonite grout

Abandonment Bentonite Quantity:
Bentonite grout: 40 gallons

Notes: PVC casing and screen removed prior to abandonment.

Footprint of HRL-14 overdrilled to create open 6-inch boring 56 ft bgs.

42 gallons Portland cement/bentonite grout (94% cement to 6 % bentonite) tremied from 56.0 feet bgs to 27 feet bgs.
Cement /bentonite grout curing time was overnight (24 hours).

30% solid bentonite grout placed from 27 ft bgs to existing grade.

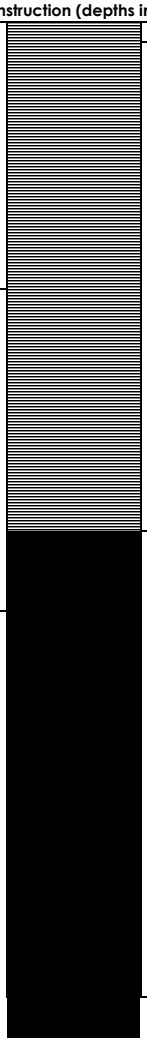
Well Abandonment Log - Figure 3

Georgia Power

Project Name:	Proposed Huffaker Road Landfill, Parcel F	Date Started:	12/3/2024	Date Completed:	12/4/2024
Borehole/Well No:	PZ-HS-02	Northing (ft):	1562969.79	Easting (ft):	1955156.83
Plant Name:	Hammond	Location Datum:	NAD83	Elevation Datum:	NAVD88
Plant Address:	Huffaker Rd NW, Rome, Floyd County, GA	Surface/ Ground Elevation* (ft):	681.25	Stickup* (ft, ags):	10.7
Project Number:	175518229	Borehole Diameter (in):	6.0	Borehole Depth* (ft, bgs):	41.0
Goals/Task:	Abandon PZ-HS-02	Well Casing Diameter (in):	1.0	Well Depth (ft, bgs):	40.9
Drilling Company:	Southern Company- Civil Field Services	Top of Casing elev (ft):	691.95	Screen length (ft):	10.0
Drilling Equipment/Rig Type:	Geoprobe 7822DT				
Abandonment Drilling Method:	2.25-inch Inner Diameter Hollow Stem Augers				
Recovery Sampling Method:	NA				
Prepared By:	Josh Massey, PG, EIT				
Review By:	Andreas Shoredits, PG				

Not to Scale

Well Abandonment Construction (depths in feet bgs)



Top of overdrill/top of bentonite grout at 681.25 feet NAVD 88

Proposed liner depth 10.5 ft bgs

Top of cement/bentonite grout 25.6 feet bgs

Depth to Water (ft bgs) 28.0 12/3/2024

41.0 Bottom of Overdrill, 6-inch boring

Materials Inventory

Casing Type (steel or PVC, schedule 40 or 80): 1-inch ID PVC, Schedule 40

Casing
Top: N/A ft, ags Bottom: N/A ft, bgs

Screen Type: (1-inch, Factory Machine Slotted)

Screen Slot Size: (0.010)

Screen
Top: N/A ft, bgs Bottom: N/A ft, bgs

Sump/end cap
Top: N/A ft, bgs Bottom: N/A ft, bgs

Neat cement, overdrill:
Top: 25.6 ft, bgs Bottom: 41 ft, bgs

Abandonment Grout Type:
Portland cement/bentonite grout (94% cement to 6 % bentonite)

Abandonment Grout Quantity:
Portland cement/bentonite grout: 22 gallons

Bentonite:
Top: 0 ft, bgs Bottom: 25.6 ft, bgs

Abandonment Bentonite Type:
30% solids bentonite grout

Abandonment Bentonite Quantity:
Bentonite grout: 37.5 gallons

Notes: PVC casing and screen removed prior to abandonment.

Footprint of PZ-HS-02 overdrilled to create open 6-inch boring 41 ft bgs.

22 gallons Portland cement/bentonite grout (94% cement to 6 % bentonite) tremied from 41.0 feet bgs to 25.6 feet bgs.
Cement/bentonite grout curing time was overnight (22 hours).

30% solid bentonite grout placed from 25.6 ft bgs to existing grade (12/3/2024).

* SAIIA provided survey shot of existing grade as of 12/3/24.
Discrepancy between grade at installation versus present due to grading cuts performed between initial installation and present day.

APPENDIX A
HRL-14 AND PZ-HS-02 BORING LOGS

SUBSURFACE LOG

Client Borehole ID	N/A	Stantec Boring No.	**HRL-14**
Client	Georgia Power	Boring Location	N 1562585.54, E 1954893.10
Project Number	175518236	Surface Elevation	700.4 ft
		Elevation Datum	NAVD88
Project Name	Plant Hammond Phase 2	Date Started	5/11/22
		Completed	5/12/22
Project Location	Floyd Co, Rome, Georgia	Depth to Water	35.1 ft
		Date/Time	5/12/22 07:06
Inspector	Vicki Bierwirth	Logger	Vicki Bierwirth
		Depth to Water	37.1 ft
		Date/Time	5/17/22 09:50
Drilling Contractor	Southern Company Services	Drill Rig	CME550X
		Driller	S. Denty

Overburden Drilling and Sampling Tools (Type and Size) 2 1/4" HSA, 2" SS w/o liners

Rock Drilling and Sampling Tools (Type and Size) N/A

Sampler Hammer Type Automatic Weight 140 lb Drop 30" Efficiency N/A

Reviewed By J.Massey Approved By A.Welshans

Lithology Depth Ft	Lithology Elevation	Description	Overburden: / Rock Core:	Sample / RQD %	Depth Ft / Run Ft	Rec. Ft / Rec. Ft	Blows/PSI / Rec. %	Remarks
0.0	700.4	Top of Hole						
		LEAN CLAY SOME GRAVEL, CL, light brown and light gray, low to medium plasticity, soft to stiff, dry to moist, 0-5.0' bgs brick fragments and burned wood fragments, moist at 8.5' bgs, [FILL]		SS01	0.0 - 1.5	0.9	4-8-8	
				SS02	3.5 - 5.0	0.6	3-3-2	
				SS03	8.5 - 10.0	0.6	2-2-4	Bulk Sample 1 at 10 feet bgs
				SS04	13.5 - 15.0	0.3	2-2-3	
				SS05	18.5 - 20.0	1.3	3-7-8	
				SS06	23.5 - 25.0	0.8	3-5-8	
29.1	671.3			SS07	28.5 - 29.4	0.9	13-50/5"	
29.4	671.0	SANDY LEAN CLAY, SC, light gray, very dense, dry, iron oxide staining, very weathered shale						
		SHALE, light gray, moderately hard, dry, moderately weathered to highly weathered, GW encountered at 43.5' bgs		SS08	33.5 - 33.8	0.3	50/4"	

STANTEC 1755 STD 175518236.GPJ BC 1755 STD DATAT R0.GDT 4/28/23

SUBSURFACE LOG

Client Borehole ID N/A
Client Georgia Power
Project Number 175518236

Stantec Boring No. **HRL-14**
Boring Location N 1562585.54, E 1954893.10
Surface Elevation 700.4 ft Elevation Datum NAVD88

Lithology Depth Ft	Lithology Elevation	Description	Overburden: / Rock Core:	Sample / RQD %	Depth Ft / Run Ft	Rec. Ft / Rec. Ft	Blows/PSI / Rec. %	Remarks
38								
39		SHALE, light gray, moderately hard, dry, moderately weathered to highly weathered, GW encountered at 43.5' bgs *(Continued)*		SS09	38.5 - 39.2	0.5	41-50/2"	
40								
41								
42								
43				SS10	43.5 - 43.6	0.1	50/1"	
44								
45								
46								
47								
48								
49				SS11	48.5 - 49.1	0.5	42-50/1"	
50								
51								
52								
53								
54				SS12	53.5 - 53.7	0.2	50/2"	
55								
56	56.0	644.4						

No Refusal /
Bottom of Hole at 56.0 Ft.

STANTEC 1755 STD 175518236.GPJ BC 1755 STD DATAT R0.GDT 4/28/23

SUBSURFACE LOG

Client Borehole ID	N/A	Stantec Boring No.	**PZ-HS-02**
Client	Southern Company	Boring Location	Lat. 34.291325, Long. -85.297078
Project Number	175518216	Surface Elevation	689.0 ft
		Elevation Datum	NAVD88
Project Name	Plant Hammond Geotechnical Drilling	Date Started	6/7/21
		Completed	6/7/21
Project Location	Floyd Co, Rome, Georgia	Depth to Water	32.9 ft
		Date/Time	6/8/21 08:06
Inspector	J. Massey	Logger	J. Massey
		Depth to Water	N/A
		Date/Time	N/A
Drilling Contractor	Stantec Consulting Services Inc.	Drill Rig	CME 55T#1, #709
		Driller	A. Clements

Overburden Drilling and Sampling Tools (Type and Size) 4-1/4" HSA, 2" SS w/o liners

Rock Drilling and Sampling Tools (Type and Size) NQ-3 Wireline, Split Barrel, Impregnated Bit

Sampler Hammer Type Automatic Weight 140 lb Drop 30" Efficiency N/A

Borehole Azimuth N/A Borehole Inclination (from Vertical) N/A

Lithology Depth Ft	Lithology Elevation	Description (Overburden: / Rock Core:)	Sample	Depth Ft / Run Ft	Rec. Ft	Blows/PSI / Rec. %	WC % / RQD %	Remarks
0.0	689.0	Top of Hole						
0.3	688.7	TOPSOIL, with pinestraw						
		SANDY LEAN CLAY, CL, light brown gray and dark orange brown, low plasticity, very soft to medium stiff, moist, iron oxide staining, red mottling, very fine to medium-grained sands	SS1	0.0 - 1.5	1.2	1-1-1		
2.3	686.7		SS2	1.5 - 3.0	1.3	5-6-6		
		SANDY LEAN CLAY SOME GRAVEL, CL, light brown gray and dark orange brown, medium plasticity, soft to medium stiff, moist, iron oxide staining, red orange mottling, very fine to medium-grained sands, roots	SS3	3.0 - 4.5	1.5	4-4-5		
3.6	685.4							
		GRAVELLY LEAN CLAY, CL, dark gray black, low to medium plasticity, firm to stiff, moist, weathered iron oxide staining on bedding features **[WEATHERED SHALE]**	SS4	4.5 - 6.0	0.8	4-2-3		Bulk sample collected from first 10.0 feet bgs.
5.2	683.8							
		SANDY LEAN CLAY, CL, light gray olive and dark orange brown, medium plasticity, soft, moist, iron oxide staining, red orange mottling, very fine to medium-grained sands, occasional roots **[WEATHERED SHALE and SANDSTONE]**	SS5	6.0 - 7.5	1.3	2-2-3		
8.5	680.5		SS6	7.5 - 9.0	1.4	1-2-2		
		SANDY LEAN CLAY SOME GRAVEL, CL, dark tan brown and dark orange gray, medium plasticity, soft, moist, iron oxide staining, red orange mottling, very fine to medium-grained sands, occasional roots **[RESIDUAL WEATHERED SHALE and SANDSTONE]**	SS7	9.0 - 10.5	0.9	1-1-2		

STANTEC 1755 STD_LAB 175518216_HAMMOND_FIELD-CHECK.GPJ BC 1755 STD DATA TR 0 11-9-20.GDT 7/28/21

SUBSURFACE LOG

Client Borehole ID: N/A
Client: Southern Company
Project Number: 175518216

Stantec Boring No.: **PZ-HS-02**
Boring Location: Lat. 34.291325, Long. -85.297078
Surface Elevation: 689.0 ft
Elevation Datum: NAVD88

Lithology Depth Ft	Lithology Elevation	Description (Overburden: / Rock Core:)	Sample	Depth Ft / Run Ft	Rec. Ft / Rec. Ft	Blows/PSI / Rec. %	WC % / RQD %	Remarks
12		SANDY LEAN CLAY SOME GRAVEL, CL, dark tan brown and dark orange gray, medium plasticity, soft, moist, iron oxide staining, red orange mottling, very fine to medium-grained sands, occasional roots **[RESIDUAL WEATHERED SHALE and SANDSTONE]** ***(Continued)***						
13								
14								
15								
15.5	673.5	GRAVELLY LEAN CLAY, CL, dark gray black with dark brown, medium plasticity, soft, moist, Stratified, fissile **[WEATHERED SHALE]**	SS8	15.0 - 16.5	1.5	1-2-2		
16								
17								
18								
19								
20								
21			SS9	20.0 - 21.5	1.5	1-2-3		
22								
23								
24								
25								
25.8	663.2		SS10	25.0 - 26.5	1.5	2-4-4		
26								
27								

STANTEC 1755 STD_LAB 175518216_HAMMOND_FIELD-CHECK.GPJ BC 1755 STD DATA TR 0 11-9-20.GDT 7/28/21

SUBSURFACE LOG

Client Borehole ID: N/A
Client: Southern Company
Project Number: 175518216

Stantec Boring No.: **PZ-HS-02**
Boring Location: Lat. 34.291325, Long. -85.297078
Surface Elevation: 689.0 ft
Elevation Datum: NAVD88

Lithology Depth Ft	Lithology Elevation	Description (Overburden: / Rock Core:)	Sample / Sample	Depth Ft / Run Ft	Rec. Ft / Rec. Ft	Blows/PSI / Rec. %	WC % / RQD %	Remarks
27–28		CLAYEY WELL GRADED GRAVEL, GW-GC, very dark gray black with pale white olive, stiff to very hard, moist, Stratified, fissile **[WEATHERED SHALE]** ***(Continued)***						
28.7	660.3							Began Core
29–32		Mud-Rich Shale Clay-Rich Shale, dark gray black with pale olive, thin bedded, slightly weathered, inclined, 45° bedding angle, Iron oxide fracture fill noted on weaker bedding planes, fissile	RC1	28.7 - 32.0	3.1	94	0	
32–37			RC2	32.0 - 37.0	5.0	100	0	
37–42			RC3	37.0 - 42.0	5.0	100	0	

STANTEC 1755 STD_LAB 175518216_HAMMOND_FIELD-CHECK.GPJ BC 1755 STD DATAT R0 11-9-20.GDT 7/28/21

SUBSURFACE LOG

Client Borehole ID N/A
Client Southern Company
Project Number 175518216

Stantec Boring No. **PZ-HS-02**
Boring Location Lat. 34.291325, Long. -85.297078
Surface Elevation 689.0 ft Elevation Datum NAVD88

Lithology Depth Ft	Lithology Elevation	Description	Overburden: / Rock Core:	Sample / Sample	Depth Ft / Run Ft	Rec. Ft / Rec. Ft	Blows/PSI / Rec. %	WC % / RQD %	Remarks
42		Mud-Rich Shale Clay-Rich Shale, dark gray black with pale olive, thin bedded, slightly weathered, inclined, 45° bedding angle, Iron oxide fracture fill noted on weaker bedding planes, fissile *(Continued)*		RC4	42.0 - 47.0	2.2	44	0	
43									
44									
45									
46									
47	47.0 / 642.0	Mud-Rich Shale (95%) With Sandstone (5%) Mud-Rich Shale, dark gray black with pale olive, thin bedded, inclined, 45° bedding angle, Iron oxide fracture fill noted on weaker shale bedding planes, red orange medium to fine sandstone		RC5	47.0 - 49.5	1.9	76	40	Sandstone washout zone
48									
49	49.5 / 639.5								

Bottom of Hole at 49.5 Ft.

Top of Rock = 28.7 Ft.
Top of Rock Elevation = 660.3 Ft.
Begin Core = 28.7 Ft.

Piezometer PZ-HS-02 installed. See piezometer installation log for backfill details.

STANTEC 1755 STD_LAB 175518216_HAMMOND_FIELD-CHECK.GPJ BC 1755 STD DATA TR 0 11-9-20.GDT 7/28/21

APPENDIX B
SCS-CFS DRILLING BOND

CONTINUATION
CERTIFICATE

SAFECO Insurance Company of America , Surety upon

a certain Bond No. **4993104**

dated effective June 30, 1987
(MONTH-DAY-YEAR)

on behalf of Southern Company Services, Inc.
(PRINCIPAL)

and in favor of Georgia Department of Natural Resources, Environmental Protection Division
(OBLIGEE)

does hereby continue said bond in force for the further period

beginning on June 30, 2024
(MONTH-DAY-YEAR)

and ending on June 30, 2025
(MONTH-DAY-YEAR)

Amount of bond Fifteen Thousand Dollars and 00/100 ($15,000.00)

Description of bond Water Well Contractors & Drillers

Premium: $100.00

PROVIDED: That this continuation certificate does not create a new obligation and is executed upon the express condition and provision that the Surety's liability under said bond and this and all Continuation Certificates issued in connection therewith shall not be cumulative and that the said Surety's aggregate liability under said bond and this and all such Continuation Certificates on account of all defaults committed during the period (regardless of the number of years) said bond had been and shall be in force, shall not in any event exceed the amount of said bond as hereinbefore set forth.

Signed and dated on 05/31/2023
(MONTH-DAY-YEAR)

SAFECO Insurance Company of America

175 Berkeley Street, Boston, MA 02116

By
Attorney-in-Fact Jeffrey M. Wilson, Attorney-in-Fact

McGriff Insurance Services, LLC
Agent

2211 7th Avenue South, Birmingham, AL 35233
Address of Agent

(205) 252-9871
Telephone Number of Agent

S-0157/GE 8/08

XDF

TRAVELERS	Travelers Casualty and Surety Company of America Travelers Casualty and Surety Company St. Paul Fire and Marine Insurance Company

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company are corporations duly organized under the laws of the State of Connecticut (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint **Jeffrey M Wilson** of **BIRMINGHAM**, **Alabama**, their true and lawful Attorney(s)-in-Fact to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed, and their corporate seals to be hereto affixed, this **21st** day of **April**, **2021**.

State of Connecticut

By: _____
Robert L. Raney, Senior Vice President

City of Hartford ss.

On this the **21st** day of **April**, **2021**, before me personally appeared **Robert L. Raney**, who acknowledged himself to be the Senior Vice President of each of the Companies, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of said Companies by himself as a duly authorized officer.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

My Commission expires the **30th** day of **June**, **2026**

_____
Anna P. Nowik, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of each of the Companies, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

FURTHER RESOLVED, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, **Kevin E. Hughes**, the undersigned, Assistant Secretary of each of the Companies, do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which remains in full force and effect.

Dated this **31st** day of **May**, **2023**

_____
Kevin E. Hughes, Assistant Secretary

To verify the authenticity of this Power of Attorney, please call us at 1-800-421-3880.
Please refer to the above-named Attorney(s)-in-Fact and the details of the bond to which this Power of Attorney is attached.

APPENDIX C

Well Driller Performance Bonds

GA Water Well Contractor License # 651

Bond Number 612424813

Performance Bond For Water Well Contractors

Name of Water Well Contractor Richard Alan Mooney

Know All Men By These Presents

That we Cascade Drilling, L.P. and Richard Alan Mooney any and all employees, officers and partners (collectively hereinafter, **Principal**), and we United States Fire Insurance Company, duly organized under the laws of the State of Delaware (hereinafter, **Surety**), are held and firmly bound unto the Director of the Environmental Protection Division, Department of Natural Resources, State of Georgia (**Director**) and his or her successor or successors in office, as **Obligee**, in the full sum of **THIRTY THOUSAND DOLLARS ($30,000.00)** for the payment of which will and truly to be made, the Principal and Surety bind ourselves, our heirs, administrators, successors and assigns, jointly and severally, by these presents.

WHEREAS, the Water Well Standards Act of 1985 (O.C.G.A. §§ 12-5-120 *et seq.*) (the Act) requires that a Water Well Contractor, as that term is defined by the Act, have a performance bond with the Director to ensure compliance with the Act; and WHEREAS the above bound Principal is subject to the terms and provisions of said Act.

NOW, THEREFORE, the conditions of this obligation are such that if the above bound Principal shall fully and faithfully perform the duties and in all things comply with the procedures and standards set forth in the Act as now and hereafter amended, and the rules and regulations promulgated pursuant thereto, including but not limited to the correction of any violation of such procedures and standards upon discovery, irrespective of whether such discovery is made before completion of any well subject to this bond, then this obligation shall be void; otherwise it shall remain in full force and effect.

And Surety, for value received, agrees that no amendment to existing laws, rules or regulations, or adoption of new laws, rules or regulations shall in anyway discharge its obligation on this bond, and does hereby waive notice of any such amendment, adoption or modification.

This bond shall be effective from the 30th day of June, 20 25 and shall continue in effect until June 30, 2027, unless sooner terminated by mutual agreement of Principal and Surety, provided that no such termination may be made unless sixty (60) days' prior written notice is made to the Director. In the event of such termination, the rights of the Director as Obligee and beneficiaries under this bond which arose prior to such termination shall continue.

IN WITNESS THEREOF the Principal and Surety have caused these present to be duly signed and sealed, this the 2nd day of May, 20 25.

Principal Cascade Drilling, L.P.

Print name:

Title:

Seal:

Surety United States Fire Insurance Company

Melissa Haddick

Print name: Melissa Haddick

Title: Attorney-in-Fact

Seal:

Revised 03.17.2021

POWER OF ATTORNEY
UNITED STATES FIRE INSURANCE COMPANY
PRINCIPAL OFFICE - MORRISTOWN, NEW JERSEY

(PRODUCER CODE)

KNOW ALL MEN BY THESE PRESENTS: That United States Fire Insurance Company, a corporation duly organized and existing under the laws of the state of Delaware, has made, constituted and appointed, and does hereby make, constitute and appoint: **Sandra Parker; Melissa Haddick; Tannis Mattson; Orlando Aguirre; Stacy Killebrew; Madison Diaz and Megan Sivley** each, its true and lawful Attorney(s)-In-Fact, with full power and authority hereby conferred in its name, place and stead, to execute, acknowledge and deliver: Any and all bonds and undertakings of surety and other documents that the ordinary course of surety business may require, and to bind United States Fire Insurance Company thereby as fully and to the same extent as if such bonds or undertakings had been duly executed and acknowledged by the regularly elected officers of United States Fire Insurance Company at its principal office, in amounts or penalties: **One Hundred Twenty Five Million Eight Hundred Thousand Dollars ($125,800,000)**

This Power of Attorney limits the act of those named therein to the bonds and undertakings specifically named therein, and they have no authority to bind United States Fire Insurance Company except in the manner and to the extent therein stated.

This Power of Attorney is granted pursuant to Article IV of the By-Laws of United States Fire Insurance Company as now in full force and effect, and consistent with Article III thereof, which Articles provide, in pertinent part:

Article IV, Execution of Instruments - Except as the Board of Directors may authorize by resolution, the Chairman of the Board, President, any Vice-President, any Assistant Vice President, the Secretary, or any Assistant Secretary shall have power on behalf of the Corporation:

(a) to execute, affix the corporate seal manually or by facsimile to, acknowledge, verify and deliver any contracts, obligations, instruments and documents whatsoever in connection with its business including, without limiting the foregoing, any bonds, guarantees, undertakings, recognizances, powers of attorney or revocations of any powers of attorney, stipulations, policies of insurance, deeds, leases, mortgages, releases, satisfactions and agency agreements;
(b) to appoint, in writing, one or more persons for any or all of the purposes mentioned in the preceding paragraph (a), including affixing the seal of the Corporation.

Article III, Officers, Section 3.11, Facsimile Signatures. The signature of any officer authorized by the Corporation to sign any bonds, guarantees, undertakings, recognizances, stipulations, powers of attorney or revocations of any powers of attorney and policies of insurance issued by the Corporation may be printed, facsimile, lithographed or otherwise produced. In addition, if and as authorized by the Board of Directors, dividend warrants or checks, or other numerous instruments similar to one another in form, may be signed by the facsimile signature or signatures, lithographed or otherwise produced, of such officer or officers of the Corporation as from time to time may be authorized to sign such instruments on behalf of the Corporation. The Corporation may continue to use for the purposes herein stated the facsimile signature of any person or persons who shall have been such officer or officers of the Corporation, notwithstanding the fact that he may have ceased to be such at the time when such instruments shall be issued.

IN WITNESS WHEREOF, United States Fire Insurance Company has caused these presents to be signed and attested by its appropriate officer and its corporate seal hereunto affixed this 17th day of January, 2025.

UNITED STATES FIRE INSURANCE COMPANY

Matthew E. Lubin, President

State of New Jersey}
County of Morris }

On this 17th day of January, 2025, before me, a Notary public of the State of New Jersey, came the above named officer of United States Fire Insurance Company, to me personally known to be the individual and officer described herein, and acknowledged that he executed the foregoing instrument and affixed the seal of United States Fire Insurance Company thereto by the authority of his office.

ETHAN SCHWARTZ
NOTARY PUBLIC
STATE OF NEW JERSEY
MY COMMISSION EXPIRES 6/25/2029
COMMISSION: #50223171

Ethan Schwartz (Notary Public)

I, the undersigned officer of United States Fire Insurance Company, a Delaware corporation, do hereby certify that the original Power of Attorney of which the foregoing is a full, true and correct copy is still in force and effect and has not been revoked.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the corporate seal of United States Fire Insurance Company on the 2nd day of May 20 25

UNITED STATES FIRE INSURANCE COMPANY

Michael C. Fay, Senior Vice President

*For verification of the authenticity of the Power of Attorney, please contact (phone number) or email: patricia.taber @amyntagroup.com

APPENDIX D

Boring and Well Construction Logs

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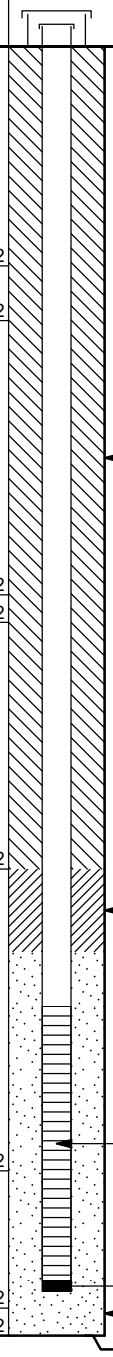
1255 Roberts Boulevard, Suite 200
Kennesaw, GA 30144

GWA-24

CLIENT Southern Company Services
PROJECT NAME Plant Hammond - Huffaker Road Landfill
PROJECT NUMBER GW11927
PROJECT LOCATION 5963 Alabama Hwy, Rome, GA
DATE STARTED 11/20/25 **COMPLETED** 11/20/25
NORTHING 1955032.81 ft **EASTING** 1561197.89 ft
DRILLER Cascade Drilling
GROUND ELEVATION 737.16 ft **BORING DIAMETER** 6 in
DRILLING METHOD Sonic
TOP OF CASING ELEVATION 740.29 ft
SAMPLING METHOD Core Barrel
GEOPHYSICAL CONTRACTOR ---
RIG TYPE Terra Sonic 150CC
LOGGED BY A. Tomlinson **CHECKED BY** C. Hug

DEPTH (ft)	ELEVATION (ft NAVD)	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	
0				(0') Sandy SILT with gravel (ML); brown (10YR 5/3); dry, fine grained, subangular gravel. (1') Low plasticity clay layer from 1-3 ft.	
	730				729.2
10				(8') Sandy SILT with gravel (ML); light yellowish brown (10YR 6/4); dry, fine to coarse gravel.	727.2
				(10') Silty SAND with gravel (SM); brown (10YR 5/3); dry, fine grained, fine subangular gravel is occasionally friable, darker layers are moist and more silty.	
				(15') Dark yellowish brown (10YR 3/4).	
	720				
				(18') Dark yellowish brown (10YR 3/4).	
20				(19') Strong brown (7.5YR 4/6).	717.2
		Driller indicated water at ~21-24 ft		(20') SHALE; wet, subangular pieces, highly weathered, partially weathered rock (PWR), heavy iron oxide staining.	716.2
				(21') Silty SAND with gravel (SM); brown (10YR 5/3) to light brownish gray (10YR 6/2); dry, fine grained, gravel is mostly fine, grading coarser with depth.	
	710				
30				(29.5') Wet.	707.2
		Static water level (2/16/2026): 32.90 ft below ground surface		(30') PARTIALLY WEATHERED ROCK; dark gray, fine gravel, highly weathered, partially weathered rock (PWR), heavy iron oxide staining from 30-31 ft.	
	700				
40				(39') Heavy iron oxide staining.	
					696.2
				(41') SHALE; dark gray, highly weathered, partially weathered rock (PWR), iron oxide staining.	
					691.2
				(46') Silty SAND with gravel (SM); pale gray (5YR 7/1); dark gray (5YR 4/1) heavily stained layer.	690.2

Bottom of borehole at 47.0 feet.



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GWA-25

CLIENT Southern Company Services
PROJECT NAME Plant Hammond - Huffaker Road Landfill
PROJECT NUMBER GW11927
PROJECT LOCATION 5963 Alabama Hwy, Rome, GA
DATE STARTED 11/19/25 **COMPLETED** 11/19/25
NORTHING 1954680.49 ft **EASTING** 1561196.82 ft
DRILLER Cascade Drilling
GROUND ELEVATION 733.88 ft **BORING DIAMETER** 6 in
DRILLING METHOD Sonic
TOP OF CASING ELEVATION 736.81 ft
SAMPLING METHOD Core Barrel
GEOPHYSICAL CONTRACTOR ---
RIG TYPE Terra Sonic 150CC
LOGGED BY A. Tomlinson **CHECKED BY** C. Hug

DEPTH (ft)	ELEVATION (ft NAVD)	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL CONSTRUCTION DIAGRAM
0				(0') Sandy SILT with gravel (ML); yellowish brown (10YR 5/6) to brown (7.5YR 4/4); dry, fine sand, coarse subangular gravel, some larger gravel is friable (compacted silt), some is rock.	4 × 4-inch aluminum aboveground well cover set in concrete
5	730				
	725			(8') Light brownish gray (10YR 6/2). (9') Less and smaller gravel from 9-10 ft.	
10				723.9	
				(10') Silty SAND with gravel (SM); yellowish brown (10YR 5/4) to brown (7.5YR 4/4); dry, fine grained, fine subangular gravel, some gravel is friable.	
15	720				Cement/ Bentonite Grout (38.5 gal)
	715			(18') Some very pale brown (10YR 7/4).	
20				713.9	
				(20') Sandy CLAY (CL); dark yellowish brown (10YR 4/4); moist, some silt, low plasticity.	
				711.9	
				(22') Silty SAND (SM); brownish yellow (10YR 6/6); dry, fine grained.	
25	710			708.4	
				(25.5') Sandy CLAY (CL); dark yellowish brown (10YR 4/4); moist, some silt, low plasticity.	
				706.4	
		Static water level (2/16/2026): 28.61 ft below ground surface		(27.5') Silty SAND (SM); brownish yellow (10YR 6/6); dry, fine grained.	
30	705			703.9	
				(30') Silty CLAY (CL-ML); grades from strong brown (7.5YR 5/6) to brown (7.5YR 4/4); moist, trace fine sand, low plasticity.	Bentonite Uncoated 3/8" Pellets (4 gal)

(Continued Next Page)

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GWA-25

CLIENT Southern Company Services
PROJECT NAME Plant Hammond - Huffaker Road Landfill
PROJECT NUMBER GW11927
PROJECT LOCATION 5963 Alabama Hwy, Rome, GA

DEPTH (ft)	ELEVATION (ft NAVD)	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL CONSTRUCTION DIAGRAM
35	700	Driller reports rock like conditions		(30') Silty CLAY (CL-ML); grades from strong brown (7.5YR 5/6) to brown (7.5YR 4/4); moist, trace fine sand, low plasticity. *(continued)*	20/40 Silica Sand (15 gal)
				(35') Black staining.	
				(37.5') Black (5YR 2.5/1) staining.	
40	695			693.9	
				(40') SHALE; gray, dry, recovered as subrounded pieces of rock with fine sand, moderately weathered.	0.010 slot size 2" Pre Pack, U-Pack Screen
45	690				0.4 ft Sump
50	685			(49') Highly weathered.	
				(50') Dark gray, competent, no iron oxide staining. (50.5') Moderately weathered.	Bentonite Uncoated 3/8" Pellets Backfill
55	680			678.9	
				(55') SHALE; dark gray, weathered, no iron oxide staining.	
60	675				
					Backfill (Natural Material)
65	670			668.9	

Bottom of borehole at 65.0 feet.

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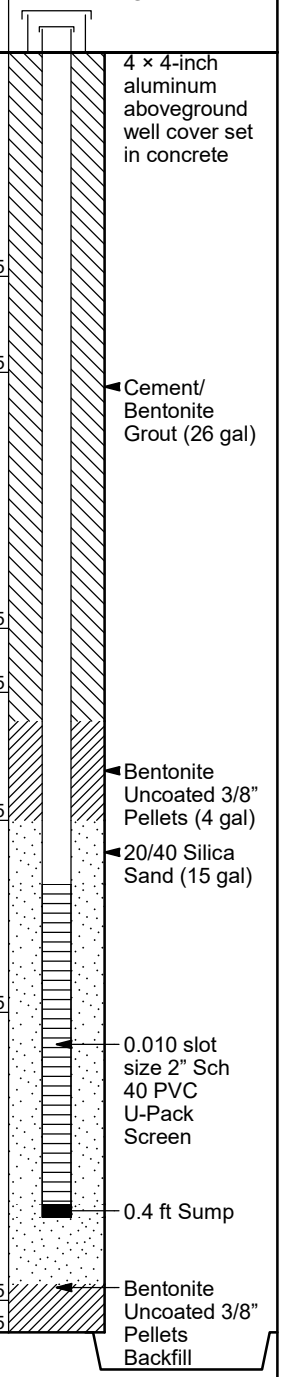
GWA-26

CLIENT Southern Company Services
PROJECT NAME Plant Hammond - Huffaker Road Landfill
PROJECT NUMBER GW11927
PROJECT LOCATION 5963 Alabama Hwy, Rome, GA
DATE STARTED 11/10/25 **COMPLETED** 11/18/25
NORTHING 1954176.71 ft **EASTING** 1561200.56 ft
DRILLER Cascade Drilling
GROUND ELEVATION 710.47 ft **BORING DIAMETER** 6 in
DRILLING METHOD Sonic
TOP OF CASING ELEVATION 713.48 ft
SAMPLING METHOD Core Barrel
GEOPHYSICAL CONTRACTOR ---
RIG TYPE Terra Sonic 150CC
LOGGED BY A. Tomlinson **CHECKED BY** C. Hug

DEPTH (ft)	ELEVATION (ft NAVD)	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	
0	710	Static water level (2/16/2026): 15.91 ft below ground surface		(0') Silty SAND (SM); light yellowish brown (10YR 6/4) to strong brown (7.5YR 5/8) with depth, dry, fine grained, trace clay, abundant organic material.	
5	705			(5') Some clay with trace fine subangular gravel.	703.5
				(7') Sandy CLAY (CL); strong brown (7.5YR 5/6); moist, low plasticity, fine sand.	700.5
10	700			(10') Sandy CLAY (CL); light brown (7.5YR 6/4) mottled with light gray (7.5YR N7/) and dark red (2.5YR 3/6); dry, fine to medium sand, trace silt, low plasticity, bottom 1" is gray sandy silt. (12') Clayey sand layer from 12-15 ft.	692.5
15	695			(18') Sandy CLAY with gravel (CL); dark gray (10YR 4/1); wet, low plasticity, coarse subangular gravel.	690.5
20	690			(20') Sandy Fat CLAY with gravel (CH); dark gray (7.5YR N4/), wet, coarse subangular gravel, high plasticity.	686.5
25	685			(24') SHALE; dark gray, some coarse subangular gravel, highly weathered, some iron oxide staining between 24 and 25 ft.	680.5
30	680			(30') SHALE; dark gray, some coarse subangular gravel throughout, highly weathered, no iron oxide staining.	671.5
35	675				
40				(39') SHALE; dark gray, dry, recovered at coarse grained gravel with sand.	670.5

Bottom of borehole at 40.0 feet.



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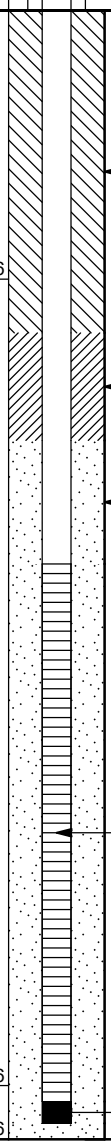
GWC-21A

CLIENT Southern Company Services
PROJECT NAME Plant Hammond - Huffaker Road Landfill
PROJECT NUMBER GW11927
PROJECT LOCATION 5963 Alabama Hwy, Rome, GA
DATE STARTED 11/18/25 **COMPLETED** 11/18/25
NORTHING 1951881.42 ft **EASTING** 1562245.45 ft
DRILLER Cascade Drilling
GROUND ELEVATION 618.61 ft **BORING DIAMETER** 6 in
DRILLING METHOD Sonic
TOP OF CASING ELEVATION 622.18 ft
SAMPLING METHOD Core Barrel
GEOPHYSICAL CONTRACTOR ---
RIG TYPE Geoprobe 8140LC
LOGGED BY T. Kessler **CHECKED BY** C. Hug

DEPTH (ft)	ELEVATION (ft NAVD)	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION
0		Static water level (2/16/2026): 1.26 ft below ground surface		(0') SILT (ML); light yellowish brown (10YR 6/4); moist, trace fine subrounded sand, trace subrounded fine gravel, abundant organic material.
	615			
5				613.6
				(5') SHALE; recovered as Silty Gravel, medium dark gray, dry, packed, abundant weathered subangular shale gravel, some subrounded to subangular sand.
	610			(8') Trace moisture, easily friable, trace iron oxide staining.
10				(10') Wet, abundant medium to large shale gravel throughout.
		(12') Driller reports soft conditions-water observed on rods		(12') Dry.
	605	Excess water in core from 14-15.5 ft		
15				(15') Shale gravel increase in competency with depth.
	600			(18') Moist, increasing shale content, decreasing silt content.
20		Borehole advanced to 21 ft to accommodate sump		598.6
				(20') No recovery.
				597.6

WELL CONSTRUCTION DIAGRAM



Bottom of borehole at 21.0 feet.

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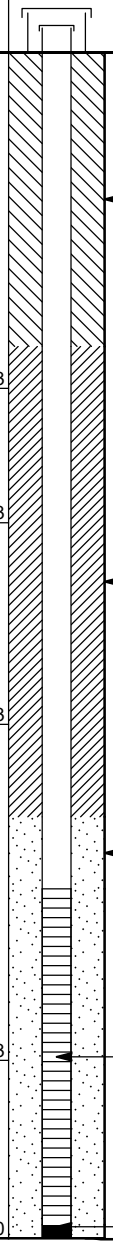
GWA-27

CLIENT Southern Company Services
PROJECT NAME Plant Hammond - Huffaker Road Landfill
PROJECT NUMBER GW11927
PROJECT LOCATION 5963 Alabama Hwy, Rome, GA
DATE STARTED 11/9/25 **COMPLETED** 11/11/25
NORTHING 1953658.88 ft **EASTING** 1561177.99 ft
DRILLER Cascade Drilling
GROUND ELEVATION 703.25 ft **BORING DIAMETER** 6 in
DRILLING METHOD Sonic
TOP OF CASING ELEVATION 705.88 ft
SAMPLING METHOD Core Barrel
GEOPHYSICAL CONTRACTOR ---
RIG TYPE Terra Sonic 150CC
LOGGED BY T. Kessler/A. Tomlinson **CHECKED BY** C. Hug

DEPTH (ft)	ELEVATION (ft NAVD)	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	
0				(0') Clayey SILT (ML); light yellowish brown (10YR 6/4); dry to moist, trace fine sand throughout (angular to subangular, abundant organic material, some red (2.5YR 4/8) iron oxide staining throughout.	
5	700				
10	695				693.3
				(10') SAND with gravel (SP); gray (10YR 5/1); dry, fine to medium grained, fine to coarse subangular shale gravel.	
15	690	(14') Driller reports harder drilling; top of rock			689.3
				(14') SHALE; dark gray, highly weathered.	
20	685	Static water level (2/16/2026): 19.71 ft below ground surface			683.3
				(20') SHALE; dark gray, less competent than above, highly weathered, some light iron oxide staining in bottom 1 ft.	
25	680				
30	675				673.3
				(30') SHALE; brownish red becoming dark gray, coarse gravel throughout, highly weathered, soft zone from 30-31 ft. (31') Heavy iron oxide staining from 31-32 ft.	
35	670			(34') Recovered as fine gravel.	668.0

WELL CONSTRUCTION DIAGRAM



Bottom of borehole at 35.3 feet.

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GWC-28

CLIENT Southern Company Services
PROJECT NAME Plant Hammond - Huffaker Road Landfill
PROJECT NUMBER GW11927
PROJECT LOCATION 5963 Alabama Hwy, Rome, GA
DATE STARTED 12/4/25 **COMPLETED** 12/6/25
NORTHING 1953480.08 ft **EASTING** 1561621.84 ft
DRILLER Cascade Drilling
GROUND ELEVATION 691.39 ft **BORING DIAMETER** 6 in
DRILLING METHOD Sonic
TOP OF CASING ELEVATION 693.98 ft
SAMPLING METHOD Core Barrel
GEOPHYSICAL CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY T. Kessler **CHECKED BY** C. Hug

DEPTH (ft)	ELEVATION (ft NAVD)	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL CONSTRUCTION DIAGRAM
0				(0') Sandy SILT with gravel (ML); brownish yellow (10YR 6/6); dry to moist, abundant fine to coarse grained sand, abundant medium to coarse, friable, sandstone gravel, sand and gravel are subangular to angular, silt cohesive where moist, some highly iron oxide stained/weathered sandstone gravel throughout. (2.5') PWR from 2.5-3 ft.	4 × 4-inch aluminum aboveground well cover set in concrete
	690				
5					
	685				
10				(10') Decreasing moisture content with depth, recovered as fine gravel with depth, gravel exhibits heavy iron staining when broken, gravel composed of sandstone, limestone, trace chert.	
	680				
15					
	675				
20				671.4	
	670			(20') SHALE; recovered as Silty Gravel, gray, dry, some fine to medium grained subangular-angular sand, abundant fine to coarse subrounded to angular shale gravel throughout, abundant PWR, highly weathered shale from 20-25 ft - friable with heavy iron oxide staining.	Cement/ Bentonite Grout (56 gal)
25					
	665	Static water level (2/16/2026): 28.05 ft below ground surface		(28') Trace moisture; cohesive/dark where moist.	
30				(30') Moist from 30-31 ft.	
	660				

(Continued Next Page)

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GWC-28

CLIENT Southern Company Services
PROJECT NAME Plant Hammond - Huffaker Road Landfill
PROJECT NUMBER GW11927
PROJECT LOCATION 5963 Alabama Hwy, Rome, GA

DEPTH (ft)	ELEVATION (ft NAVD)	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL CONSTRUCTION DIAGRAM
35	655	Easy drilling from 50-55 ft		(20') SHALE; recovered as Silty Gravel, gray, dry, some fine to medium grained subangular-angular sand, abundant fine to coarse subrounded to angular shale gravel throughout, abundant PWR, highly weathered shale from 20-25 ft - friable with heavy iron oxide staining. *(continued)* (33.9') Moist from 33.9-34 ft. (35') Moist from 35-37 ft. (37.8') Moist from 37.8-38.4 ft.	Cement/ Bentonite Grout (56 gal)
40	650			651.4 (40') SHALE; recovered as Silty Gravel, gray, wet, some fine to medium grained subrounded to subangular sand, abundant fine to coarse, subangular to subangular shale gravel throughout. (42') Dry.	
45	645			(45') Moist from 45-46 ft, some gravel/shale easily friable.	Bentonite Uncoated 3/8" Pellets (3.8 gal) 20/40 Silica Sand (15 gal)
50	640			641.4 (50') PWR/SHALE; dark gray, moist to wet, friable, abundant silt, some shale gravel exhibits vitreous luster, shale gravel is medium to coarse, angular, highly weathered. (51.8') Trace iron oxide staining from 51.8-52 ft.	0.010 slot size 2" Sch 40 PVC U-Pack Screen
55	635			635.6 (55.8') SHALE; recovered as Silty Gravel, gray, wet, some fine to medium grained subrounded to subangular sand, decreased fine to coarse, subangular to angular shale gravel throughout, some shale (hard, dark gray, dry).	0.4 ft Sump
60				631.4	

Bottom of borehole at 60.0 feet.

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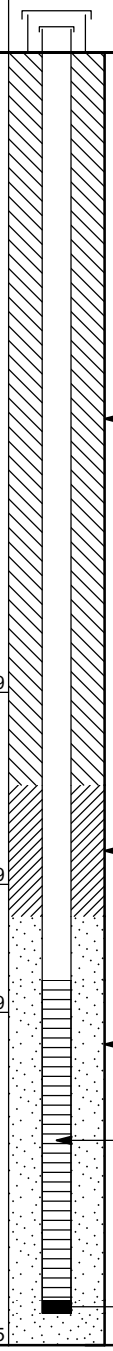
Kennesaw, GA 30144

GWC-29

CLIENT Southern Company Services
PROJECT NAME Plant Hammond - Huffaker Road Landfill
PROJECT NUMBER GW11927
PROJECT LOCATION 5963 Alabama Hwy, Rome, GA
DATE STARTED 12/6/25 **COMPLETED** 12/7/25
NORTHING 1953386.92 ft **EASTING** 1562052.07 ft
DRILLER Cascade Drilling
GROUND ELEVATION 659.85 ft **BORING DIAMETER** 6 in
DRILLING METHOD Sonic
TOP OF CASING ELEVATION 662.58 ft
SAMPLING METHOD Core Barrel
GEOPHYSICAL CONTRACTOR ---
RIG TYPE Terra Sonic 150CC
LOGGED BY Z. Webb **CHECKED BY** C. Hug

DEPTH (ft)	ELEVATION (ft NAVD)	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION
0				(0') SILT (ML); yellowish brown (10YR 5/6); dry, trace subangular to angular gravel, cohesive.
5	655			
10	650			(10') Light yellowish brown (10YR 6/4).
				(13') Pale brown (10YR 6/3); abundant subangular to angular PWR gravel.
15	645			(15') Light gray (10YR 7/1); trace medium to fine sand.
20	640			639.9
		Static water level (2/16/2026): 22.01 ft below ground surface		(20') SHALE; dark gray, moist, broken into large and small subangular to angular pieces, with iron oxide staining from 20-21 ft.
25	635			633.9
				(26') SILT with gravel (ML); gray (10YR 5/1); moist, some clay, abundant subangular to angular gravel, low plasticity.
30	630			629.9
				(30') SHALE; dark gray, moist, broken into large and small pieces, subangular to angular, trace silt.
35	625			(35') Increasing competency with depth.
40	620			619.5

WELL CONSTRUCTION DIAGRAM



Bottom of borehole at 40.4 feet.

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GWC-30

CLIENT Southern Company Services
PROJECT NAME Plant Hammond - Huffaker Road Landfill
PROJECT NUMBER GW11927
PROJECT LOCATION 5963 Alabama Hwy, Rome, GA
DATE STARTED 12/5/25 **COMPLETED** 12/6/25
NORTHING 1953404.35 ft **EASTING** 1562498.35 ft
DRILLER Cascade Drilling
GROUND ELEVATION 646.99 ft **BORING DIAMETER** 6 in
DRILLING METHOD Sonic
TOP OF CASING ELEVATION 650.36 ft
SAMPLING METHOD Core Barrel
GEOPHYSICAL CONTRACTOR ---
RIG TYPE Terra Sonic 150CC
LOGGED BY Z. Webb **CHECKED BY** C. Hug

DEPTH (ft)	ELEVATION (ft NAVD)	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL CONSTRUCTION DIAGRAM
0				(0') SILT with gravel (ML); yellowish brown (10YR 5/6); dry, consolidated, some subangular to angular gravel.	4 × 4-inch aluminum aboveground well cover set in concrete
	645				
5				642.0	
				(5') SHALE; gray, dry, broken into large gravel, gravel and silt recovered as gravel and pulverized silt.	
	640	Static water level (2/16/2026): 7.63 ft below ground surface			
10				637.0	
				(10') SHALE; gray, dry to moist, competent.	
	635				
15					
	630			630.0	Cement/ Bentonite Grout (44 gal)
				(17') SILT (ML); gray (10YR 5/1); moist, some clay content, recovered as gravel/silt, low plasticity. 629.0	
				(18') SHALE; gray, dry, recovered as gravel/silt.	
20				627.0	
				(20') SHALE; gray, dry to moist, competent.	
	625				
				622.5	
25				(24.5') SILT (ML); gray (10YR 5/1); moist, cohesive, some clay, low plasticity. 621.0	
				(26') SHALE; gray, dry, recovered as gravel/silt.	
	620				
30				617.0	

(Continued Next Page)

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GWC-30

CLIENT Southern Company Services
PROJECT NAME Plant Hammond - Huffaker Road Landfill
PROJECT NUMBER GW11927
PROJECT LOCATION 5963 Alabama Hwy, Rome, GA

DEPTH (ft)	ELEVATION (ft NAVD)	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL CONSTRUCTION DIAGRAM
30				(30') SHALE; gray, moist, competent.	
	615			614.0	
				(33') Clayey SILT (ML); gray (10YR 5/1); moist, subangular to angular shale gravel throughout, low plasticity.	
35					Bentonite Uncoated 3/8" Pellets (5.8 gal)
	610				
					20/40 Silica Sand (15 gal)
40				607.0	
				(40') SHALE; gray, moist, competent.	
	605			604.0	
				(43') Clayey SILT (ML); gray (10YR 5/1); moist, abundant subangular to angular shale gravel, low plasticity.	
45					0.010 slot size 2" Sch 40 PVC U-Pack Screen
	600				
50				596.4	0.4 ft Sump

Bottom of borehole at 50.6 feet.

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GWC-31

CLIENT Southern Company Services
PROJECT NAME Plant Hammond - Huffaker Road Landfill
PROJECT NUMBER GW11927
PROJECT LOCATION 5963 Alabama Hwy, Rome, GA
DATE STARTED 12/4/25 **COMPLETED** 12/4/25
NORTHING 1953734.42 ft **EASTING** 1562715.87 ft
DRILLER Cascade Drilling
GROUND ELEVATION 645.83 ft **BORING DIAMETER** 6 in
DRILLING METHOD Sonic
TOP OF CASING ELEVATION 649.06 ft
SAMPLING METHOD Core Barrel
GEOPHYSICAL CONTRACTOR ---
RIG TYPE Terra Sonic 150CC
LOGGED BY Z. Webb **CHECKED BY** C. Hug

DEPTH (ft)	ELEVATION (ft NAVD)	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL CONSTRUCTION DIAGRAM
0	645	Static water level (2/16/2026): 9.07 ft below ground surface		(0') SILT (ML); light yellowish brown (10YR 6/4); dry, some subangular to angular fine gravel, trace medium to fine sand.	4 × 4-inch aluminum aboveground well cover set in concrete
5	640			636.8	
10	635			(9') SILT (ML); gray (10YR 5/1); dry, abundant subangular to angular PWR gravel, trace medium to fine sand. 635.8	
				(10') Clayey SILT with gravel (ML); gray (10YR 5/1); dry to moist, subangular to angular gravel.	Cement/ Bentonite Grout (32 gal)
15	630			627.8	
20				(18') Gravelly SILT (ML); gray (10YR 5/1); dry, subangular to angular PWR/shale gravel. 625.8	
25	625			(20') No recovery.	Bentonite Uncoated 3/8" Pellets (4.5 gal)
30	620			615.8	
35	615			(30') SHALE; gray, moist, high clay content, recovered as small and large pieces. 613.8	20/40 Silica Sand (15 gal)
40	610			(32') SHALE; dark gray, moist, broken into small to medium subangular to angular gravel, some low plasticity clay and silt throughout. 605.4	0.010 slot size 2" Sch 40 PVC U-Pack Screen; 0.4 ft Sump

Bottom of borehole at 40.4 feet.

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GWC-32

CLIENT Southern Company Services
PROJECT NAME Plant Hammond - Huffaker Road Landfill
PROJECT NUMBER GW11927
PROJECT LOCATION 5963 Alabama Hwy, Rome, GA
DATE STARTED 12/3/25 **COMPLETED** 12/3/25
NORTHING 1954123.2 ft **EASTING** 1562925.91 ft
DRILLER Cascade Drilling
GROUND ELEVATION 660.73 ft **BORING DIAMETER** 6 in
DRILLING METHOD Sonic
TOP OF CASING ELEVATION 663.52 ft
SAMPLING METHOD Core Barrel
GEOPHYSICAL CONTRACTOR ---
RIG TYPE Terra Sonic 150CC
LOGGED BY Z. Webb **CHECKED BY** C. Hug

DEPTH (ft)	ELEVATION (ft NAVD)	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL CONSTRUCTION DIAGRAM
0	660			(0') Clayey SILT (ML); pale brown (10YR 6/3); moist to dry, some subangular to subrounded gravel.	4 × 4-inch aluminum aboveground well cover set in concrete
				656.7	
5	655			(4') SILT (ML); light brownish gray (10YR 6/2); dry, abundant subangular to angular PWR/shale gravel.	
10	650			650.7	
				(10') SHALE; pale gray brown, dry, some/higher clay content, abundant subangular to angular shale/PWR gravel, cohesive.	
				647.7	
15	645			(13') SHALE; pale grayish brown, dry, abundant subangular to angular shale/PWR gravel.	
				(17') Light gray.	Cement/ Bentonite Grout (45 gal)
20	640	Static water level (2/16/2026): 20.52 ft below ground surface		640.7	
				(20') SHALE; gray, dry to moist, recovered as fine gravel.	
				638.7	
25	635			(22') Silty CLAY (CL-ML); gray (10YR 5/1); dry to moist, few to abundant low plasticity subangular to angular shale/PWR gravel.	
30					

(Continued Next Page)

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GWC-32

CLIENT Southern Company Services
PROJECT NAME Plant Hammond - Huffaker Road Landfill
PROJECT NUMBER GW11927
PROJECT LOCATION 5963 Alabama Hwy, Rome, GA

DEPTH (ft)	ELEVATION (ft NAVD)	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL CONSTRUCTION DIAGRAM
30				(22') Silty CLAY (CL-ML); gray (10YR 5/1); dry to moist, few to abundant low plasticity subangular to angular shale/PWR gravel. *(continued)*	
	630			627.7	
				(33') Silty CLAY (CL-ML); gray (10YR 5/1); moist, abundant subangular to subrounded pebbles and gravel, trace medium to fine sand, low plasticity.	
				626.2	
35				(34.5') SHALE; gray, dry, recovered as gravel/silt.	
	625				Bentonite Uncoated 3/8" Pellets (6 gal)
					20/40 Silica Sand (15 gal)
40				620.7	
	620			(40') SHALE; gray, moist, recovered as fine gravel.	
45					0.010 slot size 2" Sch 40 PVC U-Pack Screen
	615				
50				610.3	0.4 ft Sump

Bottom of borehole at 50.4 feet.

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GWC-33

CLIENT Southern Company Services
PROJECT NAME Plant Hammond - Huffaker Road Landfill
PROJECT NUMBER GW11927
PROJECT LOCATION 5963 Alabama Hwy, Rome, GA
DATE STARTED 11/22/25 **COMPLETED** 11/23/25
NORTHING 1954520.43 ft **EASTING** 1563142.5 ft
DRILLER Cascade Drilling
GROUND ELEVATION 668.4 ft **BORING DIAMETER** 6 in
DRILLING METHOD Sonic
TOP OF CASING ELEVATION 671.54 ft
SAMPLING METHOD Core Barrel
GEOPHYSICAL CONTRACTOR ---
RIG TYPE Terra Sonic 150CC
LOGGED BY A. Tomlinson **CHECKED BY** C. Hug

DEPTH (ft)	ELEVATION (ft NAVD)	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL CONSTRUCTION DIAGRAM
0				(0') Sandy CLAY (CL); yellowish brown (10YR 5/4) to reddish yellow (7.5YR 6/8); grading into clayey silt.	4 × 4-inch aluminum aboveground well cover set in concrete
5	665			663.4 (5') Silty SAND with gravel (SM); brown (10YR 4/3); dry, fine grained, fine to coarse shale gravel, trace clay, start of PWR, heavily iron oxide stained.	
10	660			658.4 (10') PARTIALLY WEATHERED ROCK; very dark brown to black, moist, clayey silt with pieces of weathered shale that are friable and iron oxide stained, clay increases with depth.	
15	655				Cement/ Bentonite Grout (36 gal)
20	650	Static water level (2/16/2026): 21.08 ft below ground surface		(20') Friable, with intermittent layers of clayey silt.	
25	645			640.4	
30	640			(28') SHALE; gray, some fine to medium sand, highly weathered. 638.4 (30') SHALE; dark gray to black, angular to subangular pieces, moderately weathered.	Bentonite Uncoated 3/8" Pellets (6 gal)
35	635				20/40 Silica Sand (15 gal)
40	630			628.4 (40') SHALE; dark gray, moderately weathered, no iron oxide staining.	0.010 slot size 2" Sch 40 PVC U-Pack Screen
45	625			623.4	0.4 ft Sump

Bottom of borehole at 45.0 feet.

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GWC-34

CLIENT Southern Company Services
PROJECT NAME Plant Hammond - Huffaker Road Landfill
PROJECT NUMBER GW11927
PROJECT LOCATION 5963 Alabama Hwy, Rome, GA
DATE STARTED 12/2/25 **COMPLETED** 12/2/25
NORTHING 1954847.75 ft **EASTING** 1563224.12 ft
DRILLER Cascade Drilling
GROUND ELEVATION 650.93 ft **BORING DIAMETER** 6 in
DRILLING METHOD Sonic
TOP OF CASING ELEVATION 653.58 ft
SAMPLING METHOD Core Barrel
GEOPHYSICAL CONTRACTOR ---
RIG TYPE Terra Sonic 150CC
LOGGED BY Z. Webb **CHECKED BY** C. Hug

DEPTH (ft)	ELEVATION (ft NAVD)	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL CONSTRUCTION DIAGRAM
0	650	Static water level (2/16/2026): 3.61 ft below ground surface		(0') Gravelly SILT (ML); gray (10YR 5/1); dry, some fine to coarse subangular to angular gravel, trace fine to medium sand.	4 × 4-inch aluminum aboveground well cover set in concrete
5	645				
10	640			640.9 (10') Sandy SILT (ML); gray (10YR 5/1); dry, fine to medium sand, abundant fine to medium subangular to angular gravel. 638.9 (12') SILT (ML); gray (10YR 5/1); dry, cohesive/competent, abundant fine to medium subangular to angular gravel, trace fine to medium sand.	Cement/ Bentonite Grout (32 gal)
15	635			632.9 (18') No recovery.	
20	630			630.9 (20') SHALE; dark gray, moist, competent, recovered as small to large subangular to angular gravel. 627.9 (23') Clayey SILT (ML); gray (10YR 5/1); moist, abundant fine to medium subangular to angular gravel, low plasticity.	Bentonite Uncoated 3/8" Pellets (4 gal)
25	625				20/40 Silica Sand (15 gal)
30	620			620.9 (30') SHALE; dark gray, moist, competent, recovered as small and large subangular to angular gravel. 618.4 (32.5') Clayey SILT (ML); gray (10YR 5/1); moist, abundant fine to medium subangular to angular gravel, low plasticity.	
35	615				0.010 slot size 2" Sch 40 PVC U-Pack Screen
40				610.6	0.4 ft Sump

Bottom of borehole at 40.3 feet.

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GWC-35

CLIENT Southern Company Services
PROJECT NAME Plant Hammond - Huffaker Road Landfill
PROJECT NUMBER GW11927
PROJECT LOCATION 5963 Alabama Hwy, Rome, GA
DATE STARTED 11/24/25 **COMPLETED** 12/2/25
NORTHING 1955293.62 ft **EASTING** 1563144.04 ft
DRILLER Cascade Drilling
GROUND ELEVATION 664.11 ft **BORING DIAMETER** 6 in
DRILLING METHOD Sonic
TOP OF CASING ELEVATION 666.89 ft
SAMPLING METHOD Core Barrel
GEOPHYSICAL CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY T. Kessler **CHECKED BY** C. Hug

DEPTH (ft)	ELEVATION (ft NAVD)	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL CONSTRUCTION DIAGRAM
0				(0') SILT (ML); gray (10YR 5/1); dry to moist, abundant small to large subangular shale gravel throughout, trace medium to fine subangular sand throughout.	4 × 4-inch aluminum aboveground well cover set in concrete
				(2.4') Reddish yellow (7.5YR 6/6) from 2.4-3 ft.	
	660				
5				(5') Trace PWR from 5-7 ft, abundant iron oxide staining, relic rock structure, dry.	
				(7') Reddish yellow (7.5YR 6/6) from 7.7-10 ft.	
	655				
10				654.1	
				(10') SHALE; gray, dry, broken into abundant small to large angular medium gravel and silt, trace medium to fine subangular to angular sand, trace PWR with relict rock structure mix throughout, PWR is friable.	
				(12') Moist from 12-12.5 ft.	
	650				
15					
	645				
20		Static water level (2/16/2026): 20.23 ft below ground surface		644.1	Cement/ Bentonite Grout (52 gal)
				(20') SHALE; gray, dry, cohesive where moist, recovered as small to large gravel and silt, trace medium subangular sands.	
	640				
25					
				(26') Moist from 26-27 ft.	
				635.1	
	635			(29') Silty CLAY with gravel (CL); trace fine subangular sand, medium plasticity.	
30					

(Continued Next Page)

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GWC-35

CLIENT Southern Company Services
PROJECT NAME Plant Hammond - Huffaker Road Landfill
PROJECT NUMBER GW11927
PROJECT LOCATION 5963 Alabama Hwy, Rome, GA

DEPTH (ft)	ELEVATION (ft NAVD)	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL CONSTRUCTION DIAGRAM
30					
		Hard drilling from 30-40 ft		(29') Silty CLAY with gravel (CL); trace fine subangular sand, medium plasticity. *(continued)*	
	630			630.1	
35				(34') Silty CLAY (CL); dark gray (10YR 4/1); wet, abundant subrounded to angular small to large shale gravel throughout, trace fine subrounded sand throughout, medium plasticity.	
	625	Hard drilling from 40-48 ft			
40				624.1	
				(40') SHALE; gray, wet, recovered as small to coarse rounded to angular gravel and silt, trace fine subrounded to subangular sand throughout, cohesive where moist.	Bentonite Uncoated 3/8" Pellets (4 gal)
				(43') Dry.	
	620				20/40 Silica Sand (15 gal)
45					
	615				
50		Drilled with water from 50-55 ft		(50') Wet.	0.010 slot size 2" Sch 40 PVC U-Pack Screen
	610				
55				608.1	0.4 ft Sump

Bottom of borehole at 56.0 feet.

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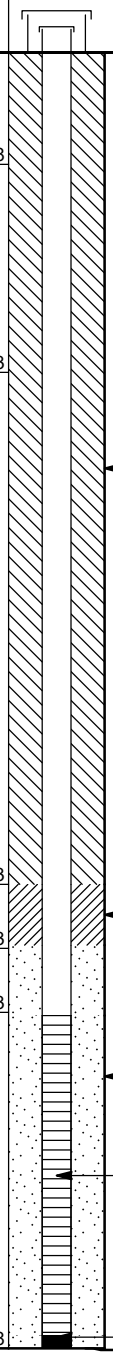
GWC-36

CLIENT Southern Company Services
PROJECT NAME Plant Hammond - Huffaker Road Landfill
PROJECT NUMBER GW11927
PROJECT LOCATION 5963 Alabama Hwy, Rome, GA
DATE STARTED 12/2/25 **COMPLETED** 12/3/25
NORTHING 1955663.41 ft **EASTING** 1563357.28 ft
DRILLER Cascade Drilling
GROUND ELEVATION 658.33 ft **BORING DIAMETER** 6 in
DRILLING METHOD Sonic
TOP OF CASING ELEVATION 661.86 ft
SAMPLING METHOD Core Barrel
GEOPHYSICAL CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY T. Kessler **CHECKED BY** C. Hug

DEPTH (ft)	ELEVATION (ft NAVD)	REMARKS	MATERIAL DESCRIPTION	
0			(0') Sandy SILT (ML); very pale brown (10YR 7/4) to light gray (10YR 7/1); dry, abundant medium to fine grained subrounded to angular sand, abundant subangular gravel, trace organics.	
	655	Hard drilling from 4-10 ft	(2.5') Brownish yellow (10YR 6/6).	654.8
5			(3.5') SILT (ML); gray (10YR 5/1); dry, trace fine subrounded to angular sand, trace fine to coarse subangular to angular gravel.	
	650		(8.3') Moist, cohesive where moist.	
10			(9') Some relict rock structure and extinct iron staining from 9-10 ft.	648.3
		Static water level (2/16/2026): 12.08 ft below ground surface	(10') SHALE; recovered as Silty Gravel, gray (10YR 5/1) with thin white (10YR 8/1) laminations, moist, small to large subangular to angular shale gravel (dark gray), trace fine subrounded to angular sands.	
	645			
15				
			(16.8') Silty medium plasticity clay from 16.8-17.2 ft.	
	640			
20			(19') Dry.	
			(20') Increasing gravel content and angularity.	
	635		(23.2') Moist.	
25			(24.4') Moist.	
		Wet zone from 26-28 ft		632.3
			(26') Sandy CLAY with gravel (CL); dark gray (10YR 4/1); wet, subangular to angular sand and gravel, medium to low plasticity, trace iron oxide staining from 26-26.3 ft.	630.3
	630		(28') SHALE; recovered as Silty Gravel, gray with thin white laminations, moist, small to large subangular to angular shale gravel (dark gray), trace fine subrounded to angular sands.	628.3
30				
			(30') SHALE; dark gray, wet, with silt, broken into large angular gravel and coarse angular sand, some medium to low plasticity clay throughout, silt cohesive where wet, trace PWR from 30-45 ft (relict rock structure).	
	625			
35				
	620			
40				617.8

WELL CONSTRUCTION DIAGRAM



Bottom of borehole at 40.5 feet.

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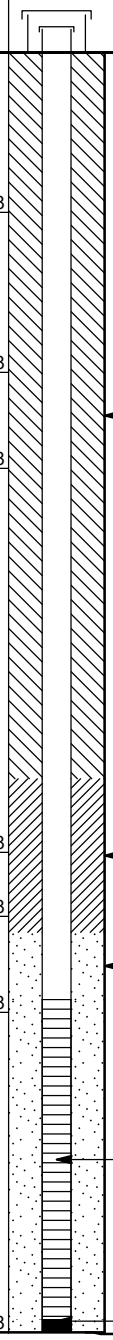
GWC-37

CLIENT Southern Company Services
PROJECT NAME Plant Hammond - Huffaker Road Landfill
PROJECT NUMBER GW11927
PROJECT LOCATION 5963 Alabama Hwy, Rome, GA
DATE STARTED 11/23/25 **COMPLETED** 11/23/25
NORTHING 1955965.18 ft **EASTING** 1562982.33 ft
DRILLER Cascade Drilling
GROUND ELEVATION 659.76 ft **BORING DIAMETER** 6 in
DRILLING METHOD Sonic
TOP OF CASING ELEVATION 662.61 ft
SAMPLING METHOD Core Barrel
GEOPHYSICAL CONTRACTOR ---
RIG TYPE Terra Sonic 150CC
LOGGED BY A. Tomlinson **CHECKED BY** C. Hug

DEPTH (ft)	ELEVATION (ft NAVD)	REMARKS	MATERIAL DESCRIPTION	
0			(0') Clayey SILT (ML); pale brown (10YR 6/3) mottled with red, moist, trace fine sand, low plasticity.	654.8
5	655		(5') Silty CLAY (CL-ML); grayish brown (10YR 5/2); medium to high plasticity.	649.8
10	650		(10') Silty CLAY (CL-ML); olive gray (5Y 5/2); wet, heavy wood fragments and tree roots.	646.8
15	645	Static water level (2/16/2026): 18.17 ft below ground surface	(13') Clayey SILT (ML); brown (7.5YR 5/4) mottled with strong brown (7.5YR 5/8) and pinkish gray (7.5YR 7/2); dry.	634.8
20	640			
25	635		(25') SILT with sand (ML); dark gray (7.5YR 4/1); fine sand, trace fine subangular shale gravel.	632.8
30	630	No return between 30-40 ft	(27') SHALE; wet, with sandy clay, coarse subangular pieces of rock, highly weathered, iron oxide staining at 27 ft.	629.8
35	625		(30') SHALE; dark gray, angular to subangular fine to coarse sized pieces, highly weathered.	619.8
40	620			

WELL CONSTRUCTION DIAGRAM



- 4 × 4-inch aluminum aboveground well cover set in concrete
- Cement/ Bentonite Grout (30 gal)
- Bentonite Uncoated 3/8" Pellets (6 gal)
- 20/40 Silica Sand (15 gal)
- 0.010 slot size 2" Sch 40 PVC U-Pack Screen
- 0.4 ft Sump

Bottom of borehole at 40.0 feet.

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GWC-38

CLIENT Southern Company Services
PROJECT NAME Plant Hammond - Huffaker Road Landfill
PROJECT NUMBER GW11927
PROJECT LOCATION 5963 Alabama Hwy, Rome, GA
DATE STARTED 11/24/25 **COMPLETED** 11/24/25
NORTHING 1955993.92 ft **EASTING** 1562536.5 ft
DRILLER Cascade Drilling
GROUND ELEVATION 668.52 ft **BORING DIAMETER** 6 in
DRILLING METHOD Sonic
TOP OF CASING ELEVATION 671.39 ft
SAMPLING METHOD Core Barrel
GEOPHYSICAL CONTRACTOR ---
RIG TYPE Terra Sonic 150CC
LOGGED BY A. Tomlinson **CHECKED BY** C. Hug

DEPTH (ft)	ELEVATION (ft NAVD)	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL CONSTRUCTION DIAGRAM
0				(0') Silty SAND (SM); strong brown (7.5YR 4/6); moist, fine grained, trace clay.	4 × 4-inch aluminum aboveground well cover set in concrete
				665.5	
	665			(3') Sandy SILT (ML); yellowish brown (10YR 5/4); dry, fine sand, trace clay.	
5					
					Cement/ Bentonite Grout (18 gal)
	660				
10				658.5	
				(9.8') Very pale brown (10YR 8/3).	
				(10') Sandy SILT (ML); very pale brown (10YR 8/2); dry, fine sand.	
				(12.5') Very strong brown (7.5YR 4/6); moist, trace clay, heavily iron oxide stained from 12.5-13 ft.	
	655			654.5	
15				(14') PARTIALLY WEATHERED ROCK; gray, gravel with sand, gravel is coarse and subangular.	
				(16') Light iron oxide staining.	Bentonite Uncoated 3/8" Pellets (5 gal)
	650				20/40 Silica Sand (15 gal)
20				648.5	
		Static water level (2/16/2026): 22.26 ft below ground surface		(20') SHALE; dark gray, highly weathered, moderate iron oxide staining throughout.	
	645				
25					0.010 slot size 2" Sch 40 PVC U-Pack Screen
	640				
30				638.2	0.4 ft Sump

Bottom of borehole at 30.3 feet.

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GWC-39

CLIENT Southern Company Services
PROJECT NAME Plant Hammond - Huffaker Road Landfill
PROJECT NUMBER GW11927
PROJECT LOCATION 5963 Alabama Hwy, Rome, GA
DATE STARTED 12/8/25 **COMPLETED** 12/8/25
NORTHING 1955844 ft **EASTING** 1562032.73 ft
DRILLER Cascade Drilling
GROUND ELEVATION 660.78 ft **BORING DIAMETER** 6 in
DRILLING METHOD Sonic
TOP OF CASING ELEVATION 663.92 ft
SAMPLING METHOD Core Barrel
GEOPHYSICAL CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY T. Kessler **CHECKED BY** C. Hug

DEPTH (ft)	ELEVATION (ft NAVD)	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL CONSTRUCTION DIAGRAM
0	660			(0') Silty CLAY (CL); brownish yellow (10YR 6/6); moist to dry, trace fine subrounded to subangular sand, trace relict rock structure, medium to low plasticity, trace organic debris from 0-1 ft.	4 × 4-inch aluminum aboveground well cover set in concrete
5	655	Static water level (2/16/2026): 5.28 ft below ground surface		656.3 (4.5') PARTIALLY WEATHERED ROCK; brown, dry, friable, abundant relict rock structure, abundant silt/medium to fine subangular sand, core transitions to gray with depth, heavy ironoxide staining from 4.5-8 ft.	Cement/ Bentonite Grout (12 gal)
				(8') Friable, abundant medium, angular shale gravel from 8-10 ft.	
10	650	(10') Very hard drilling; rig chatter		650.8 (10') SHALE; gray, moist to dry, shale pieces broken into fine to coarse subangular gravel and silt. Shale becoming more competent with depth from 10 to 13 ft.	Bentonite Uncoated 3/8" Pellets (3.5 gal)
		Wet zone at 14 ft charges borehole up to 6 ft; water level observed post well installation			20/40 Silica Sand (15 gal)
15	645			(14.5') Wet from 14.5-16 ft.	
				(16') Dry from 16-20 ft.	
20	640			(20') Wet from 20-20.9 ft, increasing shale competency.	0.010 slot size 2" Sch 40 PVC U-Pack Screen
25	635			635.0	0.4 ft Sump

Bottom of borehole at 25.8 feet.

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GWC-40

CLIENT Southern Company Services
PROJECT NAME Plant Hammond - Huffaker Road Landfill
PROJECT NUMBER GW11927
PROJECT LOCATION 5963 Alabama Hwy, Rome, GA
DATE STARTED 11/21/25 **COMPLETED** 11/21/25
NORTHING 1955730.4 ft **EASTING** 1561590.59 ft
DRILLER Cascade Drilling
GROUND ELEVATION 716.34 ft **BORING DIAMETER** 6 in
DRILLING METHOD Sonic
TOP OF CASING ELEVATION 719.23 ft
SAMPLING METHOD Core Barrel
GEOPHYSICAL CONTRACTOR ---
RIG TYPE Terra Sonic 150CC
LOGGED BY A. Tomlinson **CHECKED BY** C. Hug

DEPTH (ft)	ELEVATION (ft NAVD)	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL CONSTRUCTION DIAGRAM
0				(0') Sandy SILT (ML); strong brown (7.5YR 4/6); dry, compacted but with friable pieces, fine sand.	4 × 4-inch aluminum aboveground well cover set in concrete
	715			(1') Very pale brown (10YR 7/4).	
5				(5.5') Brownish yellow (10YR 6/6).	
	710			(6.5') Very pale brown.	
				(8.5') Strong brown.	
10				706.3	
	705			(10') Silty SAND (SM); light yellowish brown (10YR 6/4) with very pale brown (10YR 7/3); dry, fine grained, trace clay, silt content increases with depth.	
15					
	700				Cement/ Bentonite Grout (4 gal)
		Sample is wet due to drilling water			
20				696.3	
	695			(20') Silty SAND (SM); dark yellowish brown (10YR 4/6); dry, trace clay, increased silt with depth, some clay right at 20 feet and wet.	
				(22') Moist.	
25					
	690			(27') Dry.	
		Static water level (2/16/2026): 29.09 ft below ground surface			
30				686.3	

(Continued Next Page)

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GWC-40

CLIENT Southern Company Services
PROJECT NAME Plant Hammond - Huffaker Road Landfill
PROJECT NUMBER GW11927
PROJECT LOCATION 5963 Alabama Hwy, Rome, GA

DEPTH (ft)	ELEVATION (ft NAVD)	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL CONSTRUCTION DIAGRAM
30					
	685			(30') Silty SAND (SM); very pale brown (10YR 7/3) mottled with red and black, wet, clay content increases with depth.	
				(33') Yellowish brown (10YR 5/6).	
35				(35') Silty SAND (SM); yellowish brown (10YR 5/6); wet, clay content increases with depth.	Bentonite Uncoated 3/8" Pellets (4.5 gal)
	680				20/40 Silica Sand (15 gal)
40				676.3	
				(40') Sandy CLAY (CL); strong brown (7.5YR 5/8); wet, fine sand.	
	675			672.3	
45				(44') SHALE; dark gray, highly weathered.	0.010 slot size 2" Sch 40 PVC U-Pack Screen
	670	(46') Low return from 46-50 ft Driller indicates soft zone at 48 ft; lost water return; used about 250 gal		(46') Some pieces of black shale.	
50				666.3	0.4 ft Sump

Bottom of borehole at 50.0 feet.

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GWC-41

CLIENT Southern Company Services
PROJECT NAME Plant Hammond - Huffaker Road Landfill
PROJECT NUMBER GW11927
PROJECT LOCATION 5963 Alabama Hwy, Rome, GA
DATE STARTED 12/7/25 **COMPLETED** 12/7/25
NORTHING 1955437.36 ft **EASTING** 1561294.86 ft
DRILLER Cascade Drilling
GROUND ELEVATION 708.55 ft **BORING DIAMETER** 6 in
DRILLING METHOD Sonic
TOP OF CASING ELEVATION 711.28 ft
SAMPLING METHOD Core Barrel
GEOPHYSICAL CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY T. Kessler **CHECKED BY** C. Hug

DEPTH (ft)	ELEVATION (ft NAVD)	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL CONSTRUCTION DIAGRAM
0				(0') Silty CLAY with gravel (CL); reddish yellow (7.5YR 6/6); moist, abundant medium to fine subrounded to subangular sand, abundant fine to medium angular gravel, gravel primarily shale, medium plasticity. POTENTIAL FILL	4 × 4-inch aluminum aboveground well cover set in concrete
	705				
5				(5') Dark gray (10YR 4/1); wet from 5-5.5 ft, heavy iron oxide staining from 5-5.1 ft.	
	700				
10				698.6	
				(10') Silty CLAY (CL); light brownish gray (10YR 6/2) with red (2.5YR 5/6) mottling throughout, moist to wet, abundant fine subrounded sand, some subrounded to angular shale gravel (small to medium) throughout, abundant heavily degraded organic debris throughout (POTENTIAL FILL).	
	695				
15					
	690				
20				688.6	
				(20') Silty CLAY with sand (CL); pale brown (10YR 6/3) with trace reddish yellow (5YR 6/6) mottling throughout, moist to wet, abundant small subrounded to subangular sand, trace angular shale gravel from 20-29 ft, medium to high plasticity. Organic material (tree limbs and bark) observed in core, partially burned. POTENTIAL FILL	Cement/ Bentonite Grout (56 gal)
	685	Very easy drilling from 24-30 ft		(22') Abundant organic material from 22-24.5 ft.	
25				(26') Wet from 26-27 ft.	
	680	Static water level (2/16/2026): 29.06 ft below ground surface			
30				(29') Increasing angular gravel from 29-30 ft. 678.6	

(Continued Next Page)

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GWC-41

CLIENT Southern Company Services **PROJECT NAME** Plant Hammond - Huffaker Road Landfill

PROJECT NUMBER GW11927 **PROJECT LOCATION** 5963 Alabama Hwy, Rome, GA

DEPTH (ft)	ELEVATION (ft NAVD)	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL CONSTRUCTION DIAGRAM
30		Very easy drilling from 30-40 ft		(30') Sandy CLAY with silt (CL-ML); light gray (10YR 7/2) with reddish yellow (5YR 6/6) mottling throughout, moist to dry, abundant medium to fine grained sand, subrounded to subangular, medium to low plasticity.	
	675				
35				(36') Some medium angular shale gravel from 36-40 ft, transitions to silty sand at 39 ft.	Cement/ Bentonite Grout (56 gal)
	670			669.6	
40		Dry drilled to 60 ft		(39') Silty SAND (SM); trace angular shale gravel. (40') Wet, PWR, light gray with reddish yellow mottling, heavy iron oxide staining from 40-50 ft.	
				666.6	
	665			(42') Sandy CLAY (CL); strong brown (7.5YR 5/6); moist, abundant silt, fine grained subrounded to subangular, trace fine rounded gravel, low plasticity, abundant iron oxide staining.	
45		Very easy drilling from 45-58 ft; material is soupy and very soft		663.6	Bentonite Uncoated 3/8" Pellets (3 gal)
				(45') Silty SAND (SM); strong brown (7.5YR 4/6); wet, medium fine grained subrounded to subangular, trace subangular to angular shale gravel throughout.	20/40 Silica Sand (15 gal)
	660				
50					
	655				0.010 slot size 2" Sch 40 PVC U-Pack Screen
55					
		Rock encountered; hard drilling from 58-60 ft		(57') Trace highly weathered saprolite/PWR from 57-58 ft.	
				650.6	
	650			(58') SHALE/PWR; (SHALE-PWR); grayish brown, dry, friable PWR, abundant rock structure in PWR, shale is gray.	0.4 ft Sump
60				648.6	

Bottom of borehole at 60.0 feet.

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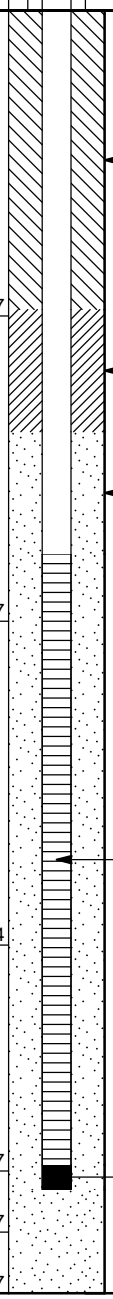
GWC-42

CLIENT Southern Company Services
PROJECT NAME Plant Hammond - Huffaker Road Landfill
PROJECT NUMBER GW11927
PROJECT LOCATION 5963 Alabama Hwy, Rome, GA
DATE STARTED 11/23/25 **COMPLETED** 11/23/25
NORTHING 1953564.34 ft **EASTING** 1564784 ft
DRILLER Cascade Drilling
GROUND ELEVATION 646.72 ft **BORING DIAMETER** 6 in
DRILLING METHOD Sonic
TOP OF CASING ELEVATION 650.42 ft
SAMPLING METHOD Core Barrel
GEOPHYSICAL CONTRACTOR ---
RIG TYPE Geoprobe 8140LC
LOGGED BY T. Kessler **CHECKED BY** C. Hug

DEPTH (ft)	ELEVATION (ft NAVD)	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	
0				(0') SILT (ML); gray (10YR 5/1) with trace reddish yellow mottling, dry to moist, trace subrounded to subangular fine sand, trace small to medium rounded gravel, silt cohesive where moist.	
	645	Static water level (2/16/2026): 2.59 ft below ground surface			
5					641.7
				(5') SHALE; recovered as Silt with Shale, gray, dry, shale broken into medium angular pieces/gravel, trace PWR, reddish brown (10YR 5/4) iron oxide staining.	
	640			(7') Moist, silty clay, medium plasticity.	
10		Hard drilling from 10-15 ft			636.7
				(10') SHALE; gray, dry, trace fine subangular sand, with silt, shale broken into small to large angular to subangular gravel, trace relict rock structure insilty areas.	
	635				
15		Easy drilling from 15-18.5 ft		(15') Trace moisture.	631.4
				(15.3') Silty CLAY (CL); gray (10YR 5/1); dry, trace fine subrounded sand, low plasticity to nonplastic.	
	630			(17') Wet, cohesive where wet.	
					627.7
20				(19') SHALE; gray, dry, trace fine subangular sand, with silt, shale broken into small to large angular to subangular gravel.	626.7
				(20') No recovery.	625.7

WELL CONSTRUCTION DIAGRAM



Bottom of borehole at 21.0 feet.

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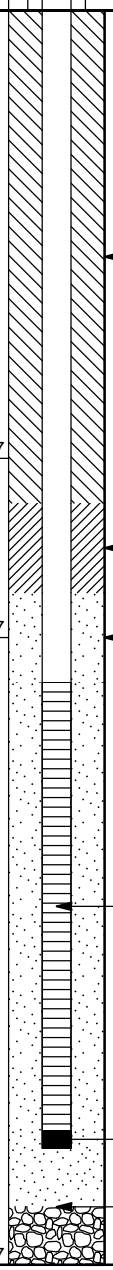
GWC-43

CLIENT Southern Company Services
PROJECT NAME Plant Hammond - Huffaker Road Landfill
PROJECT NUMBER GW11927
PROJECT LOCATION 5963 Alabama Hwy, Rome, GA
DATE STARTED 11/22/25 **COMPLETED** 11/28/25
NORTHING 1952838.44 ft **EASTING** 1563973.91 ft
DRILLER Cascade Drilling
GROUND ELEVATION 653.66 ft **BORING DIAMETER** 6 in
DRILLING METHOD Sonic
TOP OF CASING ELEVATION 656.54 ft
SAMPLING METHOD Core Barrel
GEOPHYSICAL CONTRACTOR ---
RIG TYPE Geoprobe 8140LC
LOGGED BY T. Kessler **CHECKED BY** C. Hug

DEPTH (ft)	ELEVATION (ft NAVD)	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION
0				(0') Gravelly Silty CLAY (CL); yellowish brown (10YR 5/6); dry to moist, trace fine subrounded to subangular sand, some angular to subangular gravel, medium plasticity, trace organic material.
	650			
5				
	645	Static water level (2/16/2026): 8.85 ft below ground surface		
10				643.7 (10') PARTIALLY WEATHERED ROCK; dark gray, moist, trace medium plasticity silty clay, abundant friable medium to coarse angular gravel throughout, relict rock structure, abundant iron oxide staining on shale gravel.
	640	Moisture on rods from 13-15 ft-water observed when pushing 15-20 ft		639.7 (14') SHALE; gray, dry, with silt, abundant medium to coarse angular gravel. (15') Water observed between 15 and 20 ft.
15				
	635	Drilling slows from 17-20 ft but no chatter		
20				
	630			(24') Moist.
25				

625.7

WELL CONSTRUCTION DIAGRAM



Bottom of borehole at 28.0 feet.

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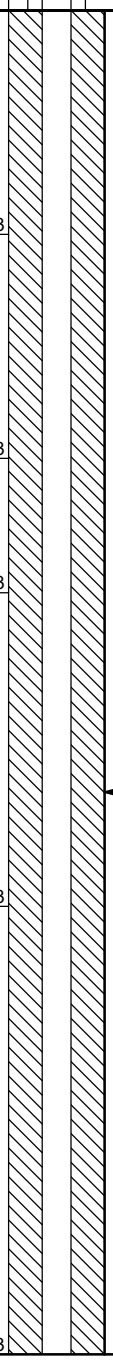
GWC-44

CLIENT Southern Company Services
PROJECT NAME Plant Hammond - Huffaker Road Landfill
PROJECT NUMBER GW11927
PROJECT LOCATION 5963 Alabama Hwy, Rome, GA
DATE STARTED 11/19/25 **COMPLETED** 11/20/25
NORTHING 1952712.57 ft **EASTING** 1562567.86 ft
DRILLER Cascade Drilling
GROUND ELEVATION 635.27 ft **BORING DIAMETER** 6 in
DRILLING METHOD Sonic
TOP OF CASING ELEVATION 638.51 ft
SAMPLING METHOD Core Barrel
GEOPHYSICAL CONTRACTOR ---
RIG TYPE Geoprobe 8140LC
LOGGED BY T. Kessler **CHECKED BY** C. Hug

DEPTH (ft)	ELEVATION (ft NAVD)	REMARKS	MATERIAL DESCRIPTION	
0	635		(0') Sandy SILT (ML); light yellowish brown (10YR 6/4); dry, medium to fine subrounded to subangular sand, abundant subrounded to angular gravel, abundant organic material.	630.3
5	630		(5') Clayey SILT with sand (ML); light yellowish brown (10YR 6/4); dry, abundant medium to fine subrounded to subangular sand, abundant medium subangular gravel, abundant organic material.	
			(8') Dark gray (10YR 4/1).	
10	625	(9.5') Driller notes easy drilling	(10') SHALE; recovered as Silty Sand, dark gray, moist, medium to coarse grained and subangular, and abundant medium angular shale gravel, trace organic material.	625.3
			(13') Sandy CLAY (CL); gray (5Y 5/1); moist, abundant medium to fine subrounded to subangular sand throughout, medium plasticity.	622.3
15	620	Static water level (2/16/2026): 14.24 ft below ground surface	(16') Trace organic material.	
20	615	Core run is dry; no water observed in borehole to 23 ft; fractures from 20-24 ft	(19') Abundant medium angular heavily weathered shale gravel from 19-20 ft, trace organic material.	615.3
		Drilling slower but no chatter	(20') SHALE; gray, dry, broken into angular gravel and fine silt, abundant iron oxide staining on and in fracture faces from 20-24 ft.	
25	610	Hard drilling; no water observed to 29 ft when hole is left to stand		
			(28') Friable shale fragments from 28-29 ft.	
30			(29') Suspect small aperture fracture from 29-30 ft.	605.3

WELL CONSTRUCTION DIAGRAM



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CLIENT Southern Company Services
PROJECT NAME Plant Hammond - Huffaker Road Landfill
PROJECT NUMBER GW11927
PROJECT LOCATION 5963 Alabama Hwy, Rome, GA

DEPTH (ft)	ELEVATION (ft NAVD)	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL CONSTRUCTION DIAGRAM
30	605	Drilling easier/less resistance Overnight recharge to 18 ft; recharge observed to be below 100 ml/min		(30') SHALE; recovered as Silty Gravel, gray, dry, decreasing competency with depth, abundant fine to coarse angular shale gravel.	
35	600				Bentonite Uncoated 3/8" Pellets (3 gal)
				(38') Trace moisture from 38-38.2 ft, friable from 38-40 ft.	20/40 Silica Sand (19 gal)
40	595			595.3 (40') SHALE; gray, moist to dry, friable, broken into small to large angular gravel and silt, shale gravel from 40-45 ft exhibits vitreous luster.	
45	590				0.010 slot size 2" Sch 40 PVC U-Pack Screen
50	585			(50') Gray (10YR 5/1); trace moisture.	0.4 ft Sump
55	580			(57') Dry.	Bentonite Uncoated 3/8" Pellets Backfill
60				575.3	

Bottom of borehole at 60.0 feet.

APPENDIX E

Well Development and Equipment Calibration Forms

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WELL DEVELOPMENT LOG SHEET

Client: SCS
Site: Huffaker
Well ID: GWA-24
Total Depth (ft) (after purge): 48.55
Depth to Water (ft): 35.15
Well Diameter (in): 2
Well Volume (gal) = $0.041d_2h$: 2.19
Well Volume (L) = gal * 3.785: 8.317

d = well diameter (inches); h = length of water column (feet)

Project No.: GW11427
Location: Plant Hammond
Pump Type/Model: monsoon
Tubing Material: poly
Pump Intake Depth (ft): 43.55 → 48.00
Start/Stop Purge Time: 1225 /
Purge Rate (mL/min): 1200 → 100
Total Purge Volume (L): 10.5

Development Date: 1/30/2026
Field Personnel Name: t. Kessler

Well Type: Flush / Stick Up
Well Lock: Yes / No
Well Cap Condition: Good / Replace
Well Tag Present: Yes / No

Time	pH (SU)	Spec. Cond. (µS/cm)	ORP (mV)	DO (mg/L)	Temp. (°C)	Turbidity (NTUs)	DTW (ft btoc)	Purge Rate (mL/min)	Purged Volume (L)	Notes (Purge method, water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1510	6.031	65.13	109.2	5.594	21.82	7.76	45.75	100	7.5	pump for 5 min @1200mL/min
1515	5.994	67.46	99.8	5.830	20.48	7.23	46.10	100	8	- purged dry - allow recharge
1520	6.030	66.26	90.6	5.769	19.43	3.61	46.20	100	8.5	- purging/purging - clear 6K
1525	6.031	65.92	87.9	5.733	19.19	3.33	46.20	100	9	water
1530	6.022	66.09	113.5	5.745	19.32	2.94	46.20	100	9.5	pump @ 750mL/min for 2 min
1535	5.998	65.52	118.0	5.582	20.65	2.74	46.25	100	10	- purge dry, clear water 1.5K
1540	6.025	65.64	89.4	5.559	21.64	2.91	46.30	100	10.5	pump @ ~100 (unstable flow
										rate w/ monsoon for 60 min
										- allow recharge
										- Dropped pump to 48'
										Stable @ 1530
Stabilizing Criteria	+/- 0.1 SU	+/- 5%		0.2 mg/L or 10% for DO > 0.5 mg/L (whichever is greater)		< 5 NTUs				

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WELL DEVELOPMENT LOG SHEET

Client: SCS
Site: Huffaker
Well ID: GWA-25
Total Depth (ft) (after purge): 47.96
Depth to Water (ft): 31.46
Well Diameter (in): 2
Well Volume (gal) = 0.041d$_2$h: 2.71
Well Volume (L) = gal * 3.785: 10.24

d = well diameter (inches); h = length of water column (feet)

Project No.: GW11927
Location: Plant Hammond
Pump Type/Model: monsoon
Tubing Material: poly
Pump Intake Depth (ft): ~~32~~ 42.96
Start/Stop Purge Time: 0800 / 1200
Purge Rate (mL/min): 750-1000
Total Purge Volume (L): 194.97

Development Date: 11/30/2026
Field Personnel Name: L. Kessler

Well Type: Flush / Stick Up
Well Lock: Yes / No
Well Cap Condition: Good / Replace
Well Tag Present: Yes / No

Time	pH (SU)	Spec. Cond. (µS/cm)	ORP (mV)	DO (mg/L)	Temp. (°C)	Turbidity (NTUs)	DTW (ft btoc)	Purge Rate (mL/min)	Purged Volume (L)	Notes (Purge method, water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1010	5.157	32.48	203.9	5.665	19.28	5.88	42.10	750	112.5	prepurge @ 60 min for flows, turb. @ 1000 mL/min >60L
1015	5.181	34.05	207.0	5.753	18.48	6.96	42.10	750	116.25	
1020	5.150	32.2	155.6	5.660	18.79	6.51	42.10	750	120	purge @ 750mL/min for
1025	5.234	35.70	144.8	5.527	18.62	14.40	42.10	750	123.75	70 min → 52.5L
1030	5.022	27.18	147.8	5.486	18.70	5.94	42.10	750	127.5	3.75L/5min
1035	5.148	32.11	144.0	5.851	18.65	5.30	42.10	750	131.25	^ 2 extra line on e-log
1040	5.215	35.12	176.3	5.921	18.43	5.91	42.10	750	135	(2nd/3rd line)
1045	5.250	34.29	175.2	5.905	18.37	6.00	42.10	750	138.75	pump interrupt.
1050	5.120	31.82	138.8	5.465	17.64	5.82	42.10	750	142.53	
1055	5.037	26.26	177.6	5.489	18.40	2.61	42.10	750	146.28	
1100	5.173	31.07	153.4	5.799	18.51	4.00	42.10	750	150.03	
1105	5.122	28.92	138.5	5.928	18.60	5.15	42.10	750	153.78	
1110	5.194	32.86	131.9	6.067	17.63	7.85	42.10	~~300~~ 750	157.53	~~Drop to 300 mL/min~~
1115	5.297	37.27	163.5	6.148	18.64	7.26	42.10	750	161.28	
1120	5.341	40.38	163.8	6.162	18.73	10.00	42.10	750	165.03	
1125	5.338	38.49	162.7	6.016	18.61	12.15	42.10	750	168.78	
1130	5.254	34.49	164.5	5.960	18.43	9.85	42.10	750	172.53	
1135	5.286	36.30	163.9	6.028	18.76	9.90	42.10	750	176.28	
1140	5.294	37.73	163.0	6.062	18.61	0.61	42.10	750	180	
Stabilizing Criteria	+/- 0.1 SU	+/- 5%		0.2 mg/L or 10% for DO > 0.5 mg/L (whichever is greater)		< 5 NTUs				

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WELL DEVELOPMENT LOG SHEET

Client:	SCS	Project No.:	GW11927	Development Date:	1/30/2026
Site:	Huffaker	Location:	Plant Hammond	Field Personnel Name:	t. Kessler
Well ID:	GW-25	Pump Type/Model:	monsoon		
Total Depth (ft) (after purge):	47.96	Tubing Material:	poly		
Depth to Water (ft):	31.46	Pump Intake Depth (ft):	48.96		
Well Diameter (in):	2	Start/Stop Purge Time:	0800 / 1200		
Well Volume (gal) = $0.041 d^2 h$:	2.71	Purge Rate (mL/min):	750-1000		
Well Volume (L) = gal * 3.785:	10.24	Total Purge Volume (L):	194.97		

d = well diameter (inches); h = length of water column (feet)

Well Type:	Flush	Stick Up
Well Lock:	Yes	No
Well Cap Condition:	Good	Replace
Well Tag Present:	Yes	No

Time	pH (SU)	Spec. Cond. (µS/cm)	ORP (mV)	DO (mg/L)	Temp. (°C)	Turbidity (NTUs)	DTW (ft btoc)	Purge Rate (mL/min)	Purged Volume (L)	Notes (Purge method, water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1145	5.322	39.31	162.4	6.087	18.83	7.51	42.10	750	183.75	
1150	5.240	34.541	164.0	5.970	18.72	5.09	42.10	750	187.47	
1155	5.281	63.03	161.8	5.961	18.47	3.95	42.10	750	191.22	
1200	5.290	37.13	160.8	5.920	18.39	0.61	42.10	750	194.97	
									198.72	end. dev. fluctuations in ORP/Cond. result of elevated flow
Stabilizing Criteria	+/- 0.1 SU	+/- 5%		0.2 mg/L or 10% for DO > 0.5 mg/L (whichever is greater)		< 5 NTUs				

Geosyntec consultants

WELL DEVELOPMENT LOG SHEET

Client:	SCS	Project No:	GW1927/02/01	Development Date:	01/16/2026
Site:	Huffaker	Location:	Plant Hammond	Field Personnel Name:	A-D
Well ID:	GWA-26	Pump Type/Model:	Monsoon		
Total Depth (ft) (after purge):	38.81	Tubing Material:	Poly		
Depth to Water (ft)	15.61	Pump Intake Depth (ft):	33.81		
Well Diameter (in):	2	Start/Stop Purge Time:	0750 / 1250		
Well Volume (gal) = 0.041d_2h	3.80	Purge Rate (mL/min):	150		
Well Volume (L) = gal * 3.785:	14.83	Total Purge Volume (L):	652		

d = well diameter (inches); h = length of water column (feet)

Well Type: Flush / Stick Up (Stick Up circled)

Well Lock: Yes / No (Yes circled)

Well Cap Condition: Good / Replace (Good circled)

Well Tag Present: Yes / No (Yes circled)

Time	pH (SU)	Spec. Cond. (µS/cm)	ORP (mV)	DO (mg/L)	Temp. (°C)	Turbidity (NTUs)	DTW (ft btoc)	Purge Rate (mL/min)	Purged Volume (L)	Notes (Purge method, water clarity, odor, purge rate, issues with pump/well/weather/etc.)
0750										TD before purging 38.6 ft
0905	6.62	197.0	-85.8	0.72	12.73	74.9	17.11	150	0.75	Surged & purged for
0910	6.65	206.7	-87.8	0.66	12.47	45.5	17.03	150	1.5	60 mins at 6000 ml/min
0915	6.66	208.0	-78.9	0.66	12.89	33.1	16.96	150	2.25	
0920	6.67	204.6	-70.9	0.68	13.80	30.5	16.90	150	3	Surged & purged at
0925	6.66	205.3	-95.4	0.72	13.65	30.2	16.87	150	3.75	2000 ml/min for 120 mins
0930	6.66	204.1	-88.5	0.72	13.75	28.1	16.80	150	4.5	on 01/15/2026
0935	6.66	202.0	-86.9	0.73	13.77	27.5	16.80	150	5.25	
0940	6.65	201.8	-87.2	0.73	14.39	27.0	16.75	150	6	Low flow test at 200 ml/min
0945	6.67	201.5	-86.9	0.75	14.69	25.4	16.66	150	6.75	for 120 mins on 01/15/2026
0950	6.71	194.1	-81.0	0.74	13.11	25.1	16.59	150	7.5	
0955	6.70	201.1	-80.8	0.77	11.99	27.7	16.51	150	8.25	Low flow test at 200 ml/min
1000	6.69	207.7	-80.9	0.77	13.07	28.6	16.50	150	9	for 40 mins on 01/15/2026
1005	6.69	201.4	-80.6	0.85	12.70	27.4	16.39	150	9.75	
1010	6.67	204.3	-80.8	0.92	12.73	28.2	16.45	150	10.5	Low flow test at 150 ml/min
1015	6.68	200.9	-78.9	0.93	13.74	28.2	16.41	150	11.25	for 15 mins on 01/15/2026
1020	6.67	200.1	-82.9	1.02	13.41	28.0	16.42	150	12	
1025	6.67	198.5	-81.7	1.05	13.23	28.1	16.40	150	12.75	
1030	6.66	199.2	-80.8	1.08	13.25	29.0	16.36	150	13.5	
Stabilizing Criteria	+/- 0.1 SU	+/- 5%		0.2 mg/L or 10% for DO > 0.5 mg/L (whichever is greater)		< 5 NTUs				

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WELL DEVELOPMENT LOG SHEET

Client:	SCE	Project No :	GW1197 / 02 / 01
Site:	Huffaker	Location:	Plant Hammond
Well ID:	GWA-26	Pump Type/Model:	Monsoon
Total Depth (ft) (after purge):	38.81	Tubing Material:	Poly
Depth to Water (ft):	15.61	Pump Intake Depth (ft):	33.81
Well Diameter (in):	2	Start/Stop Purge Time:	0750 / 1250
Well Volume (gal) = 0 041d$_2$h:	3.80	Purge Rate (mL/min):	150
Well Volume (L) = gal * 3 785:	14.38	Total Purge Volume (L):	652

Development Date: 01 / 16 / 2026

Field Personnel Name: A-D

d = well diameter (inches); h = length of water column (feet)

Well Type: Flush / Stick Up

Well Lock: Yes / No

Well Cap Condition: Good / Replace

Well Tag Present: Yes / No

Time	pH (SU)	Spec. Cond. (µS/cm)	ORP (mV)	DO (mg/L)	Temp. (°C)	Turbidity (NTUs)	DTW (ft btoc)	Purge Rate (mL/min)	Purged Volume (L)	Notes (Purge method, water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1035	6.65	198.9	-75.1	1.09	13.72	26.4	16.37	150	14.25	
1040	6.65	196.8	-73.4	1.12	13.90	27.6	16.75	150	15	
1045	6.63	197.3	-72.8	1.14	13.76	27.2	16.34	150	15.75	
1050	6.65	193.4	-77.2	1.09	14.03	18.3	16.30	150	16.5	
1055	6.65	194.7	-70.4	1.12	13.13	25.3	16.28	150	17.25	
1100	6.65	194.9	-70.1	1.09	12.95	24.2	16.28	150	18	
1105	6.65	195.9	-68.9	1.10	13.25	26.2	16.24	150	18.75	- turbidity did not drop below 20
1110										at low flow testing at 154 ml/min
1115						A-D				for 90 mins. Called PM and PM
1120										instructs me to stop flow testing and
1125										drop the pump below mid-screen
1220	6.63	199.5	-96.4	0.36	16.54	32.4	16.96	150	0.75	and do high flow for 20-30 mins
1225	6.65	205.2	-101.2	0.30	16.36	16.6	16.82	150	1.5	and reconnect the aqua troll.
1230	6.66	204.9	-106.1	0.30	16.35	12.6	16.78	150	2.25	
1235	6.68	204.8	-102.2	0.26	16.37	7.64	16.73	150	3	Purging at 6000 ml/min for
1240	6.68	205.1	-102.7	0.25	16.36	4.84	16.69	150	3.75	10 mins
1245	6.68	204.9	-102.9	0.26	16.68	4.69	16.64	150	4.5	
1250	6.68	204.0	-101.1	0.30	16.66	4.40	16.62	150	5.25	
Stabilizing Criteria	+/- 0.1 SU	+/- 5%		0 2 mg/L or 10% for DO > 0 5 mg/L (whichever is greater)		< 5 NTUs				

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WELL DEVELOPMENT LOG SHEET

Client:	SCS	Project No.:	GW11927/02/01
Site:	Huffaker	Location:	Plant Hammond
Well ID:	GWA-27	Pump Type/Model:	Monsoon
Total Depth (ft) (after purge):	38.7	Tubing Material:	Poly
Depth to Water (ft):	22.40	Pump Intake Depth (ft):	37.7
Well Diameter (in):	2	Start/Stop Purge Time:	0750 / 0850
Well Volume (gal) = $0.041 d^2 h$:	2.67	Purge Rate (mL/min):	150
Well Volume (L) = gal * 3.785:	10.11	Total Purge Volume (L):	369

Development Date: 01/17/2026

Field Personnel Name: A-D

d = well diameter (inches); h = length of water column (feet)

Well Type: Flush (Stick Up)

Well Lock: (Yes) No

Well Cap Condition: (Good) Replace

Well Tag Present: (Yes) No

Time	pH (SU)	Spec. Cond. (µS/cm)	ORP (mV)	DO (mg/L)	Temp. (°C)	Turbidity (NTUs)	DTW (ft btoc)	Purge Rate (mL/min)	Purged Volume (L)	Notes (Purge method, water clarity, odor, purge rate, issues with pump/well/weather/etc.)
0750										TD before purging = 38.7
0805	5.68	67.63	142.9	3.27	16.24	15.0	24.28	150	0.75	Pre-purged for 10 mins
0810	5.69	67.99	131.7	3.31	16.20	8.28	24.36	150	1.5	at 150 ml/min.
0815	5.70	68.41	128.4	3.38	16.36	5.67	24.42	150	2.25	
0820	5.70	68.79	125.7	3.43	16.45	4.54	24.46	150	3	Purged & purged for 180mins
0825	5.70	69.01	127.6	3.45	16.41	4.40	24.51	150	3.75	at 2000 ml/min. on
0830	5.71	68.80	149.3	3.42	16.54	4.80	24.55	150	4.5	01/16/2026.
0835	5.72	68.95	146.4	3.36	16.38	4.88	24.59	150	5.25	
0840	5.72	69.72	139.6	3.26	16.41	4.59	24.65	150	6	
0845	5.74	70.13	127.5	3.08	16.31	4.37	24.65	150	6.75	
0850	5.76	71.45	112.6	2.92	16.22	4.10	24.66	150	7.5	
								A.D		
Stabilizing Criteria	+/- 0.1 SU	+/- 5%		0.2 mg/L or 10% for DO > 0.5 mg/L (whichever is greater)		< 5 NTUs				

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WELL DEVELOPMENT LOG SHEET

Client:	SCS	Project No.:	GW11927/02/011	Development Date:	01/13/2026
Site:	Huffaker	Location:	Plant Hammond	Field Personnel Name:	A.D
Well ID:	GWC-21A	Pump Type/Model:	Monsoon		
Total Depth (ft) (after purge):	21.27	Tubing Material:	Poly		
Depth to Water (ft)	6.29	Pump Intake Depth (ft):	16.27		
Well Diameter (in):	2	Start/Stop Purge Time:	0850 / 1115		
Well Volume (gal) = 0.041 d_2h:	2.46	Purge Rate (mL/min):	3,000		
Well Volume (L) = gal * 3.785:	9.31	Total Purge Volume (L):	360		

d = well diameter (inches); h = length of water column (feet)

Well Type:	Flush	Stick Up
Well Lock:	Yes	No
Well Cap Condition:	Good	Replace
Well Tag Present:	Yes	No

Time	pH (SU)	Spec. Cond. (µS/cm)	ORP (mV)	DO (mg/L)	Temp. (°C)	Turbidity (NTUs)	DTW (ft btoc)	Purge Rate (mL/min)	Purged Volume (L)	Notes (Purge method, water clarity, odor, purge rate, issues with pump/well/weather/etc.)
0850										Surged & Purged for 30 min at 3000 ml/min
0950	7.27	431.9	-84.4	5.43	16.74	673	16.91	3000	15	
0955	7.26	431.9	-96.6	2.95	16.50	343	16.94	3000	30	TD before purging = 21 ft
1000	7.29	436.4	-117.3	4.25	16.85	276	16.94	3000	45	
1005	7.30	432.3	-112.1	4.32	16.92	68.3	16.92	3000	60	
1010	7.29	437.2	-112.2	4.63	17.00	123	16.92	3000	75	
1015	7.30	436.7	-110.2	4.87	17.15	44.9	16.89	3000	90	
1020	7.30	433.7	-108.1	5.09	17.13	19.8	16.96	3000	105	
1025	7.30	430.5	-90.1	4.94	17.10	9.35	16.95	3000	120	
1030	7.30	431.4	-107.9	4.87	17.13	8.55	16.97	3000	135	
1035	7.30	427.5	-109.1	4.67	17.13	7.70	16.94	3000	150	
1040	7.50	0.776	-23.2	5.45	16.84	7.94	16.87	3000	165	Battery shut down
1045	7.35	442.6	-73.6	4.28	16.90	46.5	16.89	3000	180	
1050	7.31	440.8	-111.3	3.86	16.94	20.8	16.94	3000	195	
1055	7.30	439.7	112.3	4.08	16.99	10.4	16.93	3000	210	
1100	7.30	438.3	-110.4	4.29	17.01	12.6	16.93	3000	225	
1105	7.31	436.4	-110.4	4.08	16.99	4.74	16.91	3000	240	
1110	7.31	435.5	-111.0	4.05	17.05	4.73	16.88	3000	255	
1115	7.31	436.6	-110.8	4.06	17.07	4.46	16.85	3000	270	
Stabilizing Criteria	+/- 0.1 SU	+/- 5%		0.2 mg/L or 10% for DO > 0.5 mg/L (whichever is greater)		< 5 NTUs				

Geosyntec consultants

WELL DEVELOPMENT LOG SHEET

Client: SCS
Site: Huffaker
Well ID: GWC-28
Total Depth (ft) (after purge): 60.89
Depth to Water (ft): 29.96
Well Diameter (in): 2
Well Volume (gal) = 0.041d²h: 5.07
Well Volume (L) = gal * 3.785: 8.86

d = well diameter (inches); h = length of water column (feet)

Project No.: GW11927
Location: Plant Hammond
Pump Type/Model: Monsoon
Tubing Material: Poly
Pump Intake Depth (ft): 55.86
Start/Stop Purge Time: 0754/0949
Purge Rate (mL/min): 100/150
Total Purge Volume (L): ~119

Development Date: 1/16/26
Field Personnel Name: Z. Webb

Well Type: Flush / (Stick Up)
Well Lock: (Yes) / No
Well Cap Condition: (Good) / Replace
Well Tag Present: (Yes) / No

Time	pH (SU)	Spec. Cond. (µS/cm)	ORP (mV)	DO (mg/L)	Temp. (°C)	Turbidity (NTUs)	DTW (ft btoc)	Purge Rate (mL/min)	Purged Volume (L)	Notes (Purge method, water clarity, odor, purge rate, issues with pump/well/weather/etc.)
0754	6.972	171.8	19.6	5.724	13.02	16.6	34.39	150	0.75	TD = 60.86
0759	6.803	171.3	21.7	5.918	12.62	14.9	35.07	150	1.5	Surge and pump for 13 mins @ ~2000 ml/min;
0804	6.711	168.6	23.1	5.982	13.01	13.4	35.91	150	2.25	purged dry, recharge. Surge and
0809	6.663	166.6	25.4	5.966	13.03	12.7	36.58	150	3.0	pump for 6 mins @ 2000 ml/min,
0814	6.648	164.6	26.9	5.895	13.17	11.4	36.74	100	3.5	purged dry, recharge. Surge and
0819	6.626	163.4	28.2	5.921	12.62	11.6	36.89	100	4.0	pump for 6 mins @ 2000 ml/min, purged
0824	6.616	161.5	28.2	5.864	12.48	10.3	37.03	100	4.5	dry, recharge. 4 mins @ 2000 ml/min,
0829	6.609	159.4	27.8	5.814	12.19	9.03	37.16	100	5.0	dry, recharge. 4 mins @ 2000 ml/min,
0834	6.595	157.0	27.3	5.694	12.21	8.25	37.24	100	5.5	dry, recharge.
0839	6.576	154.9	27.2	5.600	12.36	7.51	37.28	100	6.0	Note: considerably turbid even w/o surge.
0844	6.563	152.2	27.4	5.476	12.11	6.80	37.31	100	6.5	Allow for ample recharge before
0849	6.543	150.9	27.2	5.392	12.19	6.39	37.32	100	7.0	next surge - pump at 0.5 ft above bottom
0854	6.532	147.8	27.6	5.253	12.26	6.06	37.33	100	7.5	6 mins @ 2000 ml/min - less turbid -
0859	6.516	146.5	27.4	5.194	12.38	6.45	37.33	100	8.0	lowered and surged bottom; purged dry,
0904	6.500	144.6	27.4	5.082	12.55	5.90	37.33	100	8.5	recharge. 6 mins @ 2000 ml/min, dry,
0909	6.488	142.2	27.5	4.955	12.56	5.35	37.36	100	9.0	recharge. 4 mins @ 2000 ml/min,
0914	6.473	139.8	27.4	4.822	12.96	5.28	37.40	100	9.5	dry, recharge. 4 mins @ 2000 ml/min,
0919	6.456	138.5	27.6	4.739	12.80	4.70	37.45	100	10.0	dry, recharge. Leave pump at mid-screen.
0924	6.445	136.9	27.8	4.636	12.83	4.46	37.51	100	10.5	Low flow on 1/17/26. WL = 30.11
Stabilizing Criteria	+/- 0.1 SU	+/- 5%		0.2 mg/L or 10% for DO > 0.5 mg/L (whichever is greater)		< 5 NTUs				

Geosyntec consultants

WELL DEVELOPMENT LOG SHEET

Client: SCS
Site: Huffaker
Well ID: GWC-28
Total Depth (ft) (after purge): 60.89
Depth to Water (ft): 29.96 ~20
Well Diameter (in): 2
Well Volume (gal) = 0.041d$_2$h: 5.07
Well Volume (L) = gal * 3.785: 8.86
d = well diameter (inches); h = length of water column (feet)

Project No: GW11927
Location: Plant Hammond
Pump Type/Model: Monsoon
Tubing Material: Poly
Pump Intake Depth (ft): 55.86
Start/Stop Purge Time: 0754/0949
Purge Rate (mL/min): 150/100
Total Purge Volume (L): ~119

Development Date: 1/16/26
Field Personnel Name: Z. Wett

Well Type: Flush / (Stick Up)
Well Lock: (Yes) / No
Well Cap Condition: (Good) / Replace
Well Tag Present: (Yes) / No

Time	pH (SU)	Spec. Cond. (µS/cm)	ORP (mV)	DO (mg/L)	Temp. (°C)	Turbidity (NTUs)	DTW (ft btoc)	Purge Rate (mL/min)	Purged Volume (L)	Notes (Purge method, water clarity, odor, purge rate, issues with pump/well/weather/etc.)
0929	6.433	135.6	27.4	4.515	13.50	4.53	37.56	100	11.0	
0934	6.429	134.0	27.4	4.393	13.84	4.34	37.61	100	11.5	
0939	6.415	132.8	27.8	4.311	13.30	4.79	37.64	100	12.0	
0944	6.407	133.0	26.9	4.241	13.94	4.47	37.68	100	12.5	
0949	6.394	132.0	27.0	4.156	13.97	4.77	37.69	100	13.0	

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WELL DEVELOPMENT LOG SHEET

Client: SCS
Site: Huffaker
Well ID: GWC-29
Total Depth (ft) (after purge): 41.84
Depth to Water (ft) 24.78
Well Diameter (in): 2
Well Volume (gal) = 0.041d_2h: 2.80
Well Volume (L) = gal * 3.785: 10.60
d = well diameter (inches); h = length of water column (feet)

Project No: GW11927
Location: Plant Hammond
Pump Type/Model: Monsoon
Tubing Material: Poly
Pump Intake Depth (ft): 36.81
Start/Stop Purge Time: 1436/1531
Purge Rate (mL/min): 250
Total Purge Volume (L): ~147

Development Date: 1/15/26
Field Personnel Name: Z. Webb

Well Type: Flush (Stick Up)
Well Lock: (Yes) No
Well Cap Condition: (Good) Replace
Well Tag Present: (Yes) No

Time	pH (SU)	Spec. Cond. (µS/cm)	ORP (mV)	DO (mg/L)	Temp. (°C)	Turbidity (NTUs)	DTW (ft btoc)	Purge Rate (mL/min)	Purged Volume (L)	Notes (Purge method, water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1436	7.288	177.0	-47.4	4.913	12.33	18.6	26.65	250	1.25	TD = 41.81 ft
1441	6.743	172.0	-41.1	4.657	14.57	17.8	26.55	250	2.5	
1446	6.578	171.0	-39.2	4.791	14.39	11.9	26.50	250	3.75	Surge and pump for 27 minutes @ 300 mL/min
1451	6.503	168.2	-32.5	4.886	14.66	9.97	26.47	250	5.0	purged dry, allow for recharge
1456	6.469	165.6	-28.9	4.836	14.66	8.47	26.43	250	6.25	8 minutes @ 300 mL/min, allow
1501	6.446	165.4	-27.8	4.715	14.49	7.30	26.38	250	7.5	for recharge. 9 minute purge @ 300 mL/min
1506	6.431	165.0	-26.0	4.712	14.55	6.55	26.35	250	8.75	allow for recharge ~132 L purged
1511	6.408	165.9	-25.6	4.608	14.76	5.47	26.33	250	10.0	
1516	6.430	163.7	-24.9	4.471	14.65	5.39	26.32	250	11.25	
1521	6.411	165.9	-24.9	4.481	14.79	4.53	26.31	250	12.5	
1526	6.415	164.7	-24.1	4.358	14.63	4.34	26.30	250	13.75	
1531	6.413	165.2	-24.4	4.284	14.62	4.01	26.30	250	15.00	
					ZW	1/15/26				
Stabilizing Criteria	+/- 0.1 SU	+/- 5%		0.2 mg/L or 10% for DO > 0.5 mg/L (whichever is greater)		< 5 NTUs				

Geosyntec consultants

WELL DEVELOPMENT LOG SHEET

Client: SCS
Site: Huffaker
Well ID: GWC-30
Total Depth (ft) (after purge): 53.52
Depth to Water (ft): 12.11
Well Diameter (in): 2
Well Volume (gal) = 0.041 d^2h: 6.79
Well Volume (L) = gal * 3.785: 25.70

d = well diameter (inches); h = length of water column (feet)

Project No.: GW11927
Location: ~~Huffaker~~ Plant Hammond
Pump Type/Model: Monsoon
Tubing Material: Poly
Pump Intake Depth (ft): 48.52
Start/Stop Purge Time: 0836 / 1111
Purge Rate (mL/min): 2500 / 250
Total Purge Volume (L): ~340.55

Development Date: 1/16/26
Field Personnel Name: Z. Webb

Well Type: Flush / (Stick Up)
Well Lock: (Yes) / No
Well Cap Condition: (Good) / Replace
Well Tag Present: (Yes) / No

Time	pH (SU)	Spec. Cond. (µS/cm)	ORP (mV)	DO (mg/L)	Temp. (°C)	Turbidity (NTUs)	DTW (ft btoc)	Purge Rate (mL/min)	Purged Volume (L)	Notes (Purge method, water clarity, odor, purge rate, issues with pump/well/weather/etc.)
0836	7.060	642.6	-91.3	0.126	14.26	15.6	18.89	2500	12.5	TD = 53.52 WL = 11.74 1/15/26
0841	7.030	648.1	-108.7	0.082	14.86	11.3	18.86	2500	25.0	Developed for 74 min @ 3000 ml/min
0846	7.009	657.0	-120.8	0.069	14.61	11.5	18.93	2500	37.5	on 1/15/26. Had to pull pump
0851	7.005	665.2	-123.9	0.062	14.63	11.7	18.97	2500	50	2 times to clear PVC. Strong
0856	7.001	666.2	-126.4	0.058	14.51	12.2	19.10	2500	62.5	sulfur smell. ~222L purged
0901	7.046	651.2	-128.9	0.055	14.12	11.8	17.59	~~2500~~ 250	~~75~~ 63.75	TD = 53.52
0906	7.059	659.4	-130.1	0.070	11.81	11.6	15.35	250	65.0	
0911	7.074	656.9	-132.6	0.070	11.62	12.1	15.17	250	66.25	
0916	7.053	666.1	-134.4	0.069	11.90	—	—	250	67.50	Turbidity meter reading standards high -
0921	7.061	666.5	-136.9	0.067	12.36	—	—	250	68.75	recalibrate
0926	7.066	663.7	-138.4	0.061	12.37	9.94	14.97	250	70.0	
0931	7.065	665.9	-120.1	0.061	12.34	10.1	14.98	250	71.25	
0933	7.059	663.8	-126.8	0.058	12.74	10.1	14.98	250	71.75	Aquatroll disconnected
0938	7.093	644.2	-143.4	0.045	11.39	10.3	14.60	120	72.35	
0941	7.093	654.7	-147.7	0.051	10.78	11.8	14.54	120	72.95	
0946	7.071	659.9	-134.2	0.053	11.20	11.4	14.51	120	73.55	Stop log - redevelop well @ 3000 ml/min
1101	7.058	~~785~~ 702	-99.2	0.036	15.44	5.13	34.41	3000	88.55	from 0956 to 1101
1106	7.073	711.8	-134.7	0.034	15.31	4.86	34.76	3000	103.55	
1111	7.077	709.4	-118.3	0.032	15.33	3.44	34.93	3000	118.55	
Stabilizing Criteria	+/- 0.1 SU	+/- 5%		0.2 mg/L or 10% for DO > 0.5 mg/L (whichever is greater)		< 5 NTUs				

Geosyntec consultants

WELL DEVELOPMENT LOG SHEET

Client:	SCS	Project No:	GW 11927	Development Date:	1/17/26
Site:	Huffaker	Location:	Plant Hammond	Field Personnel Name:	Z. Weff
Well ID:	GWC - 31	Pump Type/Model:	Monsoon		
Total Depth (ft) (after purge):	43.26	Tubing Material:	Poly		
Depth to Water (ft):	12.75	Pump Intake Depth (ft):	38.25		
Well Diameter (in)	2	Start/Stop Purge Time:	1346		
Well Volume (gal) = 0.041d^2h:	5.00	Purge Rate (mL/min):	2000		
Well Volume (L) = gal * 3.785:	18.925	Total Purge Volume (L):	~339		

d = well diameter (inches); h = length of water column (feet)

Well Type: Flush (Stick Up)

Well Lock: (Yes) No

Well Cap Condition: (Good) Replace

Well Tag Present: (Yes) No

Time	pH (SU)	Spec. Cond. (µS/cm)	ORP (mV)	DO (mg/L)	Temp. (°C)	Turbidity (NTUs)	DTW (ft btoc)	Purge Rate (mL/min)	Purged Volume (L)	Notes (Purge method, water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1346	7.202	423.2	-22.8	0.452	16.30	9.87	23.22	2000	10	TD = 43.25
1351	7.219	423.9	-28.1	0.176	15.46	2.50	23.65	2000	20	
1356	7.236	424.1	-28.5	0.205	15.39	2.91	23.97	2000	30	Surge and pump for 20 mins @
1401	7.241	423.5	-28.8	0.208	15.47	2.66	24.25	2000	40	3000 ml/min - trouble shoot problem
1406	7.244	422.2	-29.4	0.194	15.44	2.27	25.02	2000	50	W/ AD's motor while well recharges
1411	7.247	422.2	-29.7	0.185	15.44	2.62	25.10	2000	60	Surge and pump for 33 mins @
										3000ml/min, purged dry, recharge
										Surge and pump 20 mins @
										3000 ml/min, purged dry, recharge
										Surge and pump for 20 mins
										@ 3000 ml/min, purged dry, recharge
										~279L purged total
Stabilizing Criteria	+/- 0.1 SU	+/- 5%		0.2 mg/L or 10% for DO > 0.5 mg/L (whichever is greater)		< 5 NTUs				

ZW 1/17/26

Geosyntec consultants

WELL DEVELOPMENT LOG SHEET

Client: SCS
Site: Huffaker
Well ID: GWC-32
Total Depth (ft) (after purge): 53.20
Depth to Water (ft): 23.35
Well Diameter (in): 2
Well Volume (gal) = $0.041 d_2 h$: 4.90
Well Volume (L) = gal * 3.785: 18.55

d = well diameter (inches); h = length of water column (feet)

Project No.: GW 11927
Location: Plant Hammond
Pump Type/Model: Monsoon
Tubing Material: Poly
Pump Intake Depth (ft): 48.19
Start/Stop Purge Time: 1049/1154
Purge Rate (mL/min): 150
Total Purge Volume (L): ~115.5

Development Date: 1/15/26
Field Personnel Name: Z. Webb

Well Type: Flush / (Stick Up)
Well Lock: (Yes) / No
Well Cap Condition: (Good) / Replace
Well Tag Present: (Yes) / No

Time	pH (SU)	Spec. Cond. (µS/cm)	ORP (mV)	DO (mg/L)	Temp. (°C)	Turbidity (NTUs)	DTW (ft btoc)	Purge Rate (mL/min)	Purged Volume (L)	Notes (Purge method, water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1049	7.330	664.2	0.4	5.494	11.75	73.8	39.80	150	0.75	TD = 53.19 ft
1054	7.294	625.4	-7.5	5.364	12.49	42.6	39.79	150	1.5	
1059	7.277	628.5	-11.9	5.201	12.57	16.9	39.78	150	2.25	Surge and pump for 20 minutes
1104	7.277	630.0	-14.6	5.094	12.79	11.8	39.77	150	3.0	@ 3000 mL/min. Purged dry.
1109	7.277	626.9	-16.5	4.890	12.82	9.56	39.76	150	3.75	Allow for recharge.
1114	7.283	626.7	-18.8	4.703	12.82	8.74	39.81	150	4.5	Purge for 15 minutes @ 300 mL/min,
1119	7.274	630.4	-22.4	4.554	13.10	8.55	40.04	150	5.25	allow for recharge ~105 L purged
1124	7.284	620.4	-21.5	4.389	13.45	10.3	40.01	150	6.0	1119 - readjust flow
1129	7.284	623.7	-22.0	4.332	12.96	9.46	40.00	150	6.75	
1134	7.278	638.1	-27.5	4.197	12.82	7.38	39.91	150	7.5	
1139	7.292	620.6	-25.5	3.878	12.97	5.57	39.79	150	8.25	
1144	7.286	624.3	-26.8	3.740	12.92	4.79	39.76	150	9.0	
1149	7.288	626.1	-27.7	3.688	12.96	4.63	39.75	150	9.75	
1154	7.291	620.5	-27.9	3.585	13.14	4.95	39.74	150	10.5	
				ZW	1/15/26					
Stabilizing Criteria	+/- 0.1 SU	+/- 5%		0.2 mg/L or 10% for DO > 0.5 mg/L (whichever is greater)		< 5 NTUs				

Geosyntec consultants

WELL DEVELOPMENT LOG SHEET

Client: SCS
Site: Huffaker
Well ID: GWC-33
Total Depth (ft) (after purge): 47.96
Depth to Water (ft): 23.66
Well Diameter (in): 2
Well Volume (gal) = 0.041d$_2$h: 3.99
Well Volume (L) = gal * 3.785: 15.10

d = well diameter (inches); h = length of water column (feet)

Project No.: GW11927
Location: Plant Hammond
Pump Type/Model: Monsoon
Tubing Material: Poly
Pump Intake Depth (ft): 43.00
Start/Stop Purge Time: 0952/1027
Purge Rate (mL/min): 3000
Total Purge Volume (L): ~354.5

Development Date: 1/13/26
Field Personnel Name: Z. Wells

Well Type: Flush (Stick Up)
Well Lock: (Yes) No
Well Cap Condition: (Good) Replace
Well Tag Present: (Yes) No

Time	pH (SU)	Spec. Cond. (µS/cm)	ORP (mV)	DO (mg/L)	Temp. (°C)	Turbidity (NTUs)	DTW (ft btoc)	Purge Rate (mL/min)	Purged Volume (L)	Notes (Purge method, water clarity, odor, purge rate, issues with pump/well/weather/etc.)
0952	6.897	581.2	-75.1	0.096	17.13	31.7	25.60	3000	15	TD = ~~23.66~~ ft 47.96 ft
0957	6.901	588.8	-94.8	0.072	16.53	34.8	26.56	3000	30	
1002	6.915	590.5	-98.3	0.060	16.52	18.5	26.65	3000	45	Surge and pump for 67 min @
1007	6.925	589.9	-99.5	0.054	16.60	10.7	26.66	3000	60	3000-4000 mL/min; good recharge
1012	6.928	589.8	-100.0	0.049	16.63	6.58	26.67	3000	75	~234.5 L purged
1017	6.929	589.5	-100.1	0.046	16.67	4.72	26.68	3000	90	
1022	6.931	586.8	-80.7	0.044	16.73	3.00	26.68	3000	105	
1027	6.933	586.1	-99.8	0.042	16.71	2.90	26.68	3000	120	

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WELL DEVELOPMENT LOG SHEET

Client:	SCS	Project No:	GW11927	Development Date:	1/13/26
Site:	Huffaker	Location:	Plant Hammond	Field Personnel Name:	Z. Weff
Well ID:	~~GWC-34~~ ZW GWC-34	Pump Type/Model:	Monsoon		
Total Depth (ft) (after purge):	42.88	Tubing Material:	Poly		
Depth to Water (ft):	6.21	Pump Intake Depth (ft):	~~1243/1308~~ ZW 38.00		
Well Diameter (in):	2	Start/Stop Purge Time:	1243/1308		
Well Volume (gal) = 0.041d²h:	6.01	Purge Rate (mL/min):	3000		
Well Volume (L) = gal * 3.785:	22.75	Total Purge Volume (L):	~377		

d = well diameter (inches); h = length of water column (feet)

Well Type:	Flush	Stick Up
Well Lock:	Yes	No
Well Cap Condition:	Good	Replace
Well Tag Present:	Yes	No

Time	pH (SU)	Spec. Cond. (µS/cm)	ORP (mV)	DO (mg/L)	Temp. (°C)	Turbidity (NTUs)	DTW (ft btoc)	Purge Rate (mL/min)	Purged Volume (L)	Notes (Purge method, water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1243	6.794	509.0	-59.4	0.087	16.89	20.2	18.67	3000	15	TD = 42.87 ft
1248	6.720	513.8	-70.4	0.063	16.59	9.38	18.67	3000	30	
1253	6.708	511.7	-60.5	0.053	16.49	5.18	18.67	3000	45	Surge and pump for 82 min
1258	6.705	513.0	-72.7	0.049	16.43	4.07	18.74	3000	60	@ 3000-4000 ml/min. Pulled
1303	6.702	511.5	-61.6	0.046	16.47	3.43	18.82	3000	75	pumped twice due to PVC shavings.
1308	6.707	512.0	-73.9	0.045	16.45	3.27	18.75	3000	90	Good recharge; ~287 L purged

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WELL DEVELOPMENT LOG SHEET

Client:	SCS	Project No:	GW1927/02/01	Development Date:	01/13/2026
Site:	Huffkor	Location:	Plant Hammond	Field Personnel Name:	A-D
Well ID:	GWC-35	Pump Type/Model:	Monsoon		
Total Depth (ft) (after purge):	56.21	Tubing Material:	Poly		
Depth to Water (ft):	22.25	Pump Intake Depth (ft):	51.21		
Well Diameter (in):	2	Start/Stop Purge Time:	1228 / 1440		
Well Volume (gal) = 0.041 d_2h:	5.57	Purge Rate (mL/min):	300 / 500 / 1000		
Well Volume (L) = gal * 3.785:	21.08	Total Purge Volume (L):	69.5		

d = well diameter (inches); h = length of water column (feet)

Well Type: Flush / (Stick Up)

Well Lock: (Yes) / No

Well Cap Condition: (Good) / Replace

Well Tag Present: (Yes) / No

Time	pH (SU)	Spec. Cond. (µS/cm)	ORP (mV)	DO (mg/L)	Temp. (°C)	Turbidity (NTUs)	DTW (ft btoc)	Purge Rate (mL/min)	Purged Volume (L)	Notes (Purge method, water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1228										Surged & Purged for 40 min
1335	6.39	540.5	-100.2	0.68	18.46	123	48.75	1000	5	at 1000 ml/min
1340	6.21	548.5	-78.6	1.82	18.16	237	49.56	1000	10	TD before purging = 56 ft
1345	6.13	542.8	-57.7	2.74	17.89	233	49.74	500	12.5	
1350	6.10	550.5	-69.3	0.93	18.24	230	49.94	500	15	
1355	6.11	544.1	-63.1	1.70	19.25	150	49.96	500	17.5	Well run dry - allowed to
1400	6.25	0.49	-31.1	9.13	21.27	—	—	—	-	recharge for 5 mins
1405	6.06	519	-64.8	1.37	19.84	125	49.12	300	19	
1410	6.14	544.1	-72.7	0.62	17.79	60.6	48.86	300	20.5	DTW for recharge
1415	6.10	546.4	-82.7	0.45	18.19	21.7	48.67	300	22	1358 = 49.44 ft
1420	6.09	541.2	-77.2	0.42	18.35	15.4	48.52	300	23.5	1400 = 49.28 ft
1425	6.09	542.9	-78.1	0.35	18.32	4.84	48.34	300	25	1402 = 48.81
1430	6.09	538.8	-78.3	0.36	18.42	4.41	48.25	300	26.5	1404 = 48.35
1435	6.09	542.3	-79.5	0.32	18.34	4.24	48.36	300	28	
1440	6.09	542.2	-85.7	0.40	18.47	4.31	48.49	300	29.5	
						A.D				No turbidity and purge rate
										reaching at 1400, because
										well ran dry and DTW
										was recorded for recharge
Stabilizing Criteria	+/- 0.1 SU	+/- 5%		0.2 mg/L or 10% for DO > 0.5 mg/L (whichever is greater)		< 5 NTUs				

Geosyntec consultants

WELL DEVELOPMENT LOG SHEET

Client: SCS
Site: Huffaker
Well ID: GWC-36
Total Depth (ft) (after purge): 43.73
Depth to Water (ft): 15.34
Well Diameter (in): 2
Well Volume (gal) = 0.041d$_2$h: 4.66
Well Volume (L) = gal * 3.785: 17.64

d = well diameter (inches); h = length of water column (feet)

Project No: GW11927
Location: Plant Hammond
Pump Type/Model: Monsoon
Tubing Material: Poly
Pump Intake Depth (ft): 39.00
Start/Stop Purge Time: 1519 / 1629
Purge Rate (mL/min): 3000
Total Purge Volume (L): ~498

Development Date: 1/13/26
Field Personnel Name: Z. Welch

Well Type: Flush / Stick Up
Well Lock: Yes / No
Well Cap Condition: Good / Replace
Well Tag Present: Yes / No

Time	pH (SU)	Spec. Cond. (µS/cm)	ORP (mV)	DO (mg/L)	Temp. (°C)	Turbidity (NTUs)	DTW (ft btoc)	Purge Rate (mL/min)	Purged Volume (L)	Notes (Purge method, water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1519	6.903	374.6	-114.9	0.439	17.27	70.3	17.42	3000	15	TD = 43.73 ft; noticed PVC
1524	6.752	368.5	-100.5	0.063	17.55	48.7	17.92	3000	30	shavings on WL tape
1529	6.711	365.4	-96.8	0.055	17.53	21.6	17.94	3000	45	
1534	6.704	364.6	-107.9	0.051	17.52	16.6	17.98	3000	60	Surge and pump for 78 min
1539	6.695	358.2	-106.2	0.050	17.55	14.5	18.03	3000	75	@ 3800-4000 ml/min; good recharge
1544	6.691	359.0	-105.1	0.050	17.56	10.1	18.08	3000	90	(710 ml/min); ~273L purged
1549	6.688	361.7	-104.1	0.051	17.57	10.7	18.11	3000	105	
1554	6.685	364.2	-91.1	0.048	17.60	9.85	18.16	3000	120	
1559	6.685	366.5	-102.3	0.053	17.58	8.27	18.19	3000	135	
1604	6.685	366.4	-89.4	0.051	17.73	7.42	18.21	3000	150	
1609	6.685	365.1	-89.3	0.050	17.78	6.07	18.23	3000	165	
1614	6.687	367.9	-100.5	0.050	17.56	5.06	18.25	3000	180	
1619	6.681	366.2	-88.5	0.049	17.67	4.80	18.30	3000	195	
1624	6.682	365.3	-88.0	0.050	17.68	4.72	18.32	3000	210	
1629	6.686	363.5	-99.8	0.048	17.51	4.53	18.34	3000	225	
				ZW	1/13/26					
Stabilizing Criteria	+/- 0.1 SU	+/- 5%		0.2 mg/L or 10% for DO > 0.5 mg/L (whichever is greater)		< 5 NTUs				

Geosyntec consultants

WELL DEVELOPMENT LOG SHEET

Client: SCS
Site: Huffaker
Well ID: GWC-37
Total Depth (ft) (after purge): 43.17
Depth to Water (ft): 20.37
Well Diameter (in): 2
Well Volume (gal) = 0.041d$_2$h: 3.74
Well Volume (L) = gal * 3.785: 14.16

d = well diameter (inches); h = length of water column (feet)

Project No: GW11927
Location: ~~Huffaker~~ 2W Plant Hammond
Pump Type/Model: Monsoon
Tubing Material: Poly
Pump Intake Depth (ft): 38.00
Start/Stop Purge Time: 1021/1106
Purge Rate (mL/min): 3000/250
Total Purge Volume (L): ~402.25

Development Date: 1/14/26
Field Personnel Name: Z. Webb

Well Type: Flush (Stick Up)
Well Lock: (Yes) No
Well Cap Condition: (Good) Replace
Well Tag Present: (Yes) No

Time	pH (SU)	Spec. Cond. (µS/cm)	ORP (mV)	DO (mg/L)	Temp. (°C)	Turbidity (NTUs)	DTW (ft btoc)	Purge Rate (mL/min)	Purged Volume (L)	Notes (Purge method, water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1021	6.608	270.8	-75.5	0.092	18.37	58.1	31.75	3000	15	TD = 43.15 ft
1026	6.462	274.2	-76.3	0.065	18.19	33.8	31.75	3000	30	
1031	6.455	277.9	-82.9	0.062	18.15	32.6	32.01	3000	45	Surge and pump for 107 min
1036	6.446	274.1	-80.3	0.056	18.14	31.1	32.27	3000	60	@ 3000 ml/min. Pump Cap
1041	6.434	276.0	-71.2	0.051	18.17	36.7	32.49	3000	75	stuck - troubleshoot. ~321L purged.
1046	6.538	332.4	-102.7	0.052	17.89	12.6	25.30	250	76.25	
1051	6.672	343.5	-96.1	0.079	16.69	3.57	24.46	250	77.50	
1056	6.736	342.9	-105.1	0.077	16.62	4.62	23.96	250	78.75	
1101	6.747	338.6	-102.6	0.085	16.22	3.36	23.45	250	80.0	
1106	6.766	346.9	-93.6	0.090	15.95	2.55	23.16	250	81.25	
						ZW 1/14/26				
Stabilizing Criteria	+/- 0.1 SU	+/- 5%		0.2 mg/L or 10% for DO > 0.5 mg/L (whichever is greater)		< 5 NTUs				

Geosyntec consultants

WELL DEVELOPMENT LOG SHEET

Client:	SCS	Project No.:	GW11927/02/01
Site:	Huffaker	Location:	Plant Hammond
Well ID:	GWC-78	Pump Type/Model:	Monsoon
Total Depth (ft) (after purge):	30.62	Tubing Material:	Poly
Depth to Water (ft):	24.38	Pump Intake Depth (ft):	28.62
Well Diameter (in):	2	Start/Stop Purge Time:	0815 / 0955
Well Volume (gal) = 0.041d$_2$h:	1.02	Purge Rate (mL/min):	600 / 750 / 1,000
Well Volume (L) = gal * 3.785:	3.86	Total Purge Volume (L):	132

Development Date: 01/14/2026

Field Personnel Name: A.D

d = well diameter (inches); h = length of water column (feet)

Well Type: Flush / (Stick Up)

Well Lock: (Yes) / No

Well Cap Condition: (Good) / Replace

Well Tag Present: (Yes) / No

Time	pH (SU)	Spec. Cond. (µS/cm)	ORP (mV)	DO (mg/L)	Temp. (°C)	Turbidity (NTUs)	DTW (ft btoc)	Purge Rate (mL/min)	Purged Volume (L)	Notes (Purge method, water clarity, odor, purge rate, issues with pump/well/weather/etc.)
0815										On 01/13/2026, surged & purged for
0855	6.01	256.3	-1.5	4.15	13.52	198	26.09	600	3	30 mins at 1000 ml/min
0900	6.27	278.1	-4.8	2.68	16.93	96.2	26.59	600	6	ID before purging on 01/13/2026 =
0905	6.29	275.9	1.0	2.88	17.33	72.9	26.91	600	9	~ 30.4 ft
0910	6.31	276.3	-1.5	1.73	17.21	26.1	26.94	600	12	ID before purging on 01/14/2026
0915	6.31	275.4	-3.2	2.11	17.38	25.3	27.01	600	15	= 30.51 ft
0920	6.30	277.5	-3.4	2.13	17.53	28.3	27.87	600	18	Well run dry on 01/13/2026 at 1600
0925	6.30	276.7	-5.5	1.89	17.40	9.92	27.87	600	21	Well allowed to recharge for 25 mins
0930	6.31	277.7	-15.4	0.91	16.90	5.52	27.55	600	24	After recharge, well was surged
0935	6.31	275.3	-7.7	1.82	17.40	4.23	27.91	600	27	and purged at 750 ml/min for
0940	6.32	278.1	-14.4	0.97	17.18	4.31	27.92	600	30	60 mins.
0945	6.32	278.3	-13.8	0.92	17.16	4.73	27.75	600	33	Surged & purged on 01/14/2026
0950	6.32	277.4	-13.4	0.89	17.30	4.81	27.78	600	36	for 70 mins at 600 ml/min
0955	6.33	277.5	-12.8	0.90	17.17	2.69	27.79	600	39	
						A.D				
Stabilizing Criteria	**+/- 0.1 SU**	**+/- 5%**		0.2 mg/L or 10% for DO > 0.5 mg/L (whichever is greater)		**< 5 NTUs**				

Geosyntec consultants

WELL DEVELOPMENT LOG SHEET

Client:	SCS	Project No:	GW11927/02/01
Site:	Huffaker	Location:	Plant Hammond
Well ID:	GWC-39	Pump Type/Model:	Monsoon
Total Depth (ft) (after purge):	26.01	Tubing Material:	Poly
Depth to Water (ft):	8.39	Pump Intake Depth (ft):	21.01
Well Diameter (in)	2	Start/Stop Purge Time:	1035 / 1225
Well Volume (gal) = 0.041d$_2$h:	2.89	Purge Rate (mL/min):	1200
Well Volume (L) = gal * 3.785:	10.94	Total Purge Volume (L):	160

Development Date: 01/15/2026

Field Personnel Name: A-D

d = well diameter (inches); h = length of water column (feet)

Well Type: Flush / Stick Up (Stick Up circled)

Well Lock: Yes / No (Yes circled)

Well Cap Condition: Good / Replace (Good circled)

Well Tag Present: Yes / No (Yes circled)

Time	pH (SU)	Spec. Cond. (µS/cm)	ORP (mV)	DO (mg/L)	Temp. (°C)	Turbidity (NTUs)	DTW (ft btoc)	Purge Rate (mL/min)	Purged Volume (L)	Notes (Purge method, water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1035										TD before purging 25.8
1115	6.45	259.7	-80.6	0.94	14.30	59.8	12.45	1200	6	Surged & purged for 35 mins
1120	6.60	258.9	-83.7	0.68	15.02	27.6	12.49	1200	12	at 2000 ml/min
1125	6.64	256.4	-84.4	0.58	15.14	17.8	12.46	1200	18	
1130	6.66	256.8	-82.5	0.52	15.06	9.72	12.33	1200	24	Well never run dry
1135	6.67	256.7	-85.0	0.49	15.11	8.30	12.10	1200	30	during development
1140	6.68	255.9	-86.0	0.45	15.41	14.3	12.12	1200	36	produced enough water
1145	6.68	254.9	-85.7	0.41	15.24	19.9	12.24	1200	42	
1150	6.67	253.5	-86.2	0.38	15.25	14.1	12.43	1200	48	
1155	6.68	252.9	-86.3	0.36	15.25	11.3	12.06	1200	54	
1200	6.67	252.9	-86.6	0.34	15.25	10.0	12.04	1200	60	
1205	6.68	252.6	-87.3	0.33	15.25	7.44	12.15	1200	66	
1210	6.68	252.6	-87.8	0.32	15.26	6.28	12.25	1200	72	
1215	6.68	251.6	-87.9	0.30	15.15	4.50	12.18	1200	78	
1220	6.69	250.3	-87.9	0.30	15.24	4.73	12.41	1200	84	
1225	6.69	250.5	-88.4	0.29	15.51	4.48	12.72	1200	90	
Stabilizing Criteria	+/- 0.1 SU	+/- 5%		0.2 mg/L or 10% for DO > 0.5 mg/L (whichever is greater)		< 5 NTUs				

A.D.

Geosyntec consultants

WELL DEVELOPMENT LOG SHEET

Client: SCS
Site: Huffaker
Well ID: GWC-40
Total Depth (ft) (after purge): 52.77
Depth to Water (ft): 31.89
Well Diameter (in): 2
Well Volume (gal) = 0.041d$_2$h: 3.42
Well Volume (L) = gal * 3.785: 12.94

d = well diameter (inches); h = length of water column (feet)

Project No.: GW11927
Location: Plant Hammond
Pump Type/Model: Monsoon
Tubing Material: Poly
Pump Intake Depth (ft): 47.75
Start/Stop Purge Time: 1452/1827
Purge Rate (mL/min): 250
Total Purge Volume (L): ~505

Development Date: 1/14/26
Field Personnel Name: Z. Webb

Well Type: Flush / (Stick Up)
Well Lock: (Yes) / No
Well Cap Condition: (Good) / Replace
Well Tag Present: (Yes) / No

Time	pH (SU)	Spec. Cond. (µS/cm)	ORP (mV)	DO (mg/L)	Temp. (°C)	Turbidity (NTUs)	DTW (ft btoc)	Purge Rate (mL/min)	Purged Volume (L)	Notes (Purge method, water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1452	7.650	274.2	56.2	4.163	16.45	405	32.31	250	1.25	TD = 52.73
1457	7.607	277.5	44.2	4.166	16.35	560	32.29	250	2.50	
1502	7.595	277.4	26.7	4.106	16.58	482	32.28	250	3.75	Surge and pump for 150 min
1507	7.598	282.7	35.3	4.080	16.46	567	32.26	250	5.00	@ 3000 mL/min. Very turbid.
1512	7.599	279.4	25.2	4.065	16.35	522	32.25	250	6.25	~450 L purged
1517	7.603	283.5	33.4	4.052	16.39	511	32.25	250	7.50	
1522	7.610	283.8	32.9	4.043	16.51	460	32.25	250	8.75	
1527	7.603	284.0	33.6	4.038	16.52	436	32.25	250	10.00	
1532	7.603	283.8	34.6	4.050	16.44	417	32.25	250	11.25	
1537	7.608	283.7	34.4	4.037	16.48	376	32.24	250	12.50	
1542	7.609	280.3	24.6	4.041	16.45	348	32.24	250	13.75	
1547	7.608	283.2	35.1	4.041	16.43	309	32.24	250	15.00	
1552	7.605	279.8	24.8	4.040	16.42	274	32.24	250	16.25	
1557	7.608	283.0	35.4	4.037	16.39	237	32.24	250	17.50	
1602	7.604	283.3	35.7	4.041	16.39	189	32.24	250	18.75	
1607	7.608	283.6	34.9	4.027	16.37	160	32.24	250	20.00	
1612	7.611	283.6	34.4	4.023	16.32	131	32.24	250	21.25	
1617	7.613	280.5	23.8	4.019	16.40	108	32.24	250	22.50	
1622	7.601	284.2	34.0	4.019	16.36	90.7	32.24	250	23.75	
Stabilizing Criteria	+/- 0.1 SU	+/- 5%		0.2 mg/L or 10% for DO > 0.5 mg/L (whichever is greater)		< 5 NTUs				

Geosyntec consultants

WELL DEVELOPMENT LOG SHEET

Client: SCS
Site: Huffaker
Well ID: GWC-40
Total Depth (ft) (after purge): 52.77
Depth to Water (ft): 31.89
Well Diameter (in): 2
Well Volume (gal) = 0.041d$_2$h: 3.42
Well Volume (L) = gal * 3.785: 12.94

d = well diameter (inches); h = length of water column (feet)

Project No: GW11927
Location: Plant Hammond
Pump Type/Model: Monsoon
Tubing Material: Poly
Pump Intake Depth (ft): 47.75
Start/Stop Purge Time: 1452/1827
Purge Rate (mL/min): 250
Total Purge Volume (L): ~505

Development Date: 1/14/26
Field Personnel Name: Z. Webb

Well Type: Flush / Stick Up (Stick Up circled)
Well Lock: Yes / No (Yes circled)
Well Cap Condition: Good / Replace (Good circled)
Well Tag Present: Yes / No (Yes circled)

Time	pH (SU)	Spec. Cond. (µS/cm)	ORP (mV)	DO (mg/L)	Temp. (°C)	Turbidity (NTUs)	DTW (ft btoc)	Purge Rate (mL/min)	Purged Volume (L)	Notes (Purge method, water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1627	7.603	284.5	33.2	4.009	16.36	73.6	32.24	250	25.00	
1632	7.605	284.5	32.5	4.004	16.35	62.7	32.24	250	26.25	
1637	7.596	284.8	32.6	3.992	16.35	41.5	32.24	250	27.50	
1642	7.605	281.4	21.8	3.967	16.35	34.8	32.24	250	28.75	
1647	7.604	285.3	31.1	3.983	16.33	29.4	32.24	250	30.00	
1652	7.599	285.1	30.3	3.960	16.35	25.2	32.24	250	31.25	
1657	7.602	285.6	30.4	3.973	16.30	32.2	32.24	250	32.50	
1702	7.605	285.8	28.7	3.950	16.25	23.2	32.24	250	33.75	
1707	7.598	283.4	19.0	3.935	16.34	18.5	32.24	250	35.00	
1712	7.595	286.2	26.9	3.934	16.27	13.1	32.24	250	36.25	
1717	7.601	286.5	26.0	3.932	16.31	11.1	32.24	250	37.50	
1722	7.598	286.7	25.2	3.929	16.26	10.4	32.24	250	38.75	
1727	7.600	285.8	16.6	3.931	16.27	10.5	32.24	250	40.00	
1732	7.604	284.3	15.7	3.910	16.32	9.56	32.24	250	41.25	
1737	7.595	287.5	22.4	3.910	16.26	9.00	32.24	250	42.50	
1742	7.601	287.3	21.5	3.910	16.21	7.92	32.24	250	43.75	
1747	7.602	287.4	20.8	3.910	16.08	7.79	32.24	250	45.00	
1752	7.605	287.9	18.7	3.907	16.26	7.13	32.24	250	46.25	
1757	7.599	284.8	13.2	3.911	16.18	6.79	32.24	250	47.50	
Stabilizing Criteria	+/- 0.1 SU	+/- 5%		0.2 mg/L or 10% for DO > 0.5 mg/L (whichever is greater)		< 5 NTUs				

Geosyntec consultants

WELL DEVELOPMENT LOG SHEET

Client: SCS
Site: Huffaker
Well ID: GWC-40
Total Depth (ft) (after purge): 52.77
Depth to Water (ft): 31.89
Well Diameter (in): 2
Well Volume (gal) = 0.041d_2h: 3.42
Well Volume (L) = gal * 3.785: 12.94
d = well diameter (inches); h = length of water column (feet)

Project No.: GW11927
Location: Plant Hammond
Pump Type/Model: Monsoon
Tubing Material: Poly
Pump Intake Depth (ft): 47.75
Start/Stop Purge Time: 1452/1827
Purge Rate (mL/min): 250
Total Purge Volume (L): ~505

Development Date: 1/14/26
Field Personnel Name: Z. Weeks

Well Type: Flush (Stick Up)
Well Lock: (Yes) No
Well Cap Condition: (Good) Replace
Well Tag Present: (Yes) No

Time	pH (SU)	Spec. Cond. (µS/cm)	ORP (mV)	DO (mg/L)	Temp. (°C)	Turbidity (NTUs)	DTW (ft btoc)	Purge Rate (mL/min)	Purged Volume (L)	Notes (Purge method, water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1802	7.596	287.9	18.9	3.900	16.15	6.66	32.24	250	48.75	
1807	7.600	288.1	17.6	3.910	16.14	6.95	32.24	250	50.00	
1812	7.601	288.3	16.8	3.908	16.12	6.16	32.24	250	51.25	
1817	7.592	288.4	16.7	~~16.73~~ 3.907	16.11	5.62	32.24	250	52.50	
1822	7.601	285.1	10.2	3.897	16.24	5.14	32.24	250	53.75	
1827	7.603	288.2	15.3	3.902	16.11	4.77	32.24	250	55.00	
Stabilizing Criteria	**+/- 0.1 SU**	**+/- 5%**		0.2 mg/L or 10% for DO > 0.5 mg/L (whichever is greater)		**< 5 NTUs**				

ZW 1/14/26

Geosyntec consultants

WELL DEVELOPMENT LOG SHEET

Client: SCS
Site: Huff acres
Well ID: GWC-41
Total Depth (ft) (after purge): 60.14
Depth to Water (ft): 30.02
Well Diameter (in): 2
Well Volume (gal) = 0.041d$_2$h: 4.94
Well Volume (L) = gal * 3.785: 18.70

d = well diameter (inches); h = length of water column (feet)

Project No: GW1927/02/01
Location: Plant Hammond
Pump Type/Model: Monsoon
Tubing Material: Poly
Pump Intake Depth (ft): 55.14
Start/Stop Purge Time: 1108 / 1250
Purge Rate (mL/min): 6000
Total Purge Volume (L): 570

Development Date: 01/14/2026
Field Personnel Name: A.D

Well Type: Flush (Stick Up)
Well Lock: (Yes) No
Well Cap Condition: (Good) Replace
Well Tag Present: (Yes) No

Time	pH (SU)	Spec. Cond. (µS/cm)	ORP (mV)	DO (mg/L)	Temp. (°C)	Turbidity (NTUs)	DTW (ft btoc)	Purge Rate (mL/min)	Purged Volume (L)	Notes (Purge method, water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1108										TD before purging = 60 ft
1210	5.61	77.47	188.7	3.21	17.67	178	38.89	6000	30	Surged & purged for 50 mins
1215	5.65	75.65	173.0	3.26	17.49	53.6	40.51	6000	60	at 6000 ml/min.
1220	5.65	75.15	159.8	3.27	17.47	13.5	35.39	6000	90	
1225	5.64	74.64	149.5	3.23	17.45	6.98	39.60	6000	120	Well never run dry
1230	5.65	74.08	141.5	3.24	17.46	5.51	39.76	6000	150	during development -
1235	5.64	74.46	134.1	3.25	17.46	3.77	39.77	6000	180	produce enough water.
1240	5.64	74.31	129.4	3.27	17.50	3.50	39.79	6000	210	
1245	5.64	73.85	125.4	3.27	17.52	3.40	39.81	6000	240	
1250	5.64	73.86	122.1	3.28	17.49	2.74	39.75	6000	270	
Stabilizing Criteria	+/- 0.1 SU	+/- 5%		0.2 mg/L or 10% for DO > 0.5 mg/L (whichever is greater)		< 5 NTUs				

A.D

Geosyntec consultants

WELL DEVELOPMENT LOG SHEET

Development Date: 01/12/2026

Field Personnel Name: A.D

Project No.: GW1927/62/01

Location: Plant Hammond

Pump Type/Model: Monsoon

Tubing Material: Poly

Pump Intake Depth (ft): 17

Start/Stop Purge Time: 1025/1207

Purge Rate (mL/min): 10,000

Total Purge Volume (L): 890

Client: SCS

Site: Huffaker

Well ID: GWC-42

Total Depth (ft) (after purge): 22

Depth to Water (ft): 6.74

Well Diameter (in): 2

Well Volume (gal) = 0.041 d_2h: 2.50

Well Volume (L) = gal * 3.785: 9.46

d = well diameter (inches); h = length of water column (feet)

Well Type: Flush / Stick Up (Stick Up)

Well Lock: Yes / No (Yes)

Well Cap Condition: Good / Replace (Good)

Well Tag Present: Yes / No (Yes)

Time	pH (SU)	Spec. Cond. (µS/cm)	ORP (mV)	DO (mg/L)	Temp. (°C)	Turbidity (NTUs)	DTW (ft btoc)	Purge Rate (mL/min)	Purged Volume (L)	Notes (Purge method, water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1025										Surge & Purge for 35 at 3 gpm
1122	6.28	462.9	-129.0	0.64	18.59	389	14.31	10,000	50	TD before purging = 21.5 ft
1127	6.35	471.8	-130.4	0.40	18.60	116	14.36	10,000	100	well never sure dry
1132	6.37	466.5	-127.3	0.38	18.62	134	14.54	10,000	150	during development —
1137	6.38	467.0	-126.7	0.35	18.65	76.9	14.77	10,000	200	produce enough water
1142	6.40	467.5	-142.7	0.62	18.62	58.3	13.79	10,000	250	
1147	6.39	466.1	-114.3	0.69	18.55	10.4	13.45	10,000	300	
1152	6.39	467.5	-115.4	0.59	18.52	5.56	13.55	10,000	350	
1157	6.40	464.0	-117.1	0.51	18.54	5.29	13.57	10,000	400	
1202	6.40	467.4	-118.8	0.45	18.55	4.81	13.60	10,000	450	
1207	6.41	466.0	-120.5	0.41	18.56	5.02	13.68	10,000	500	
						A.D				
Stabilizing Criteria	+/- 0.1 SU	+/- 5%		0.2 mg/L or 10% for DO > 0.5 mg/L (whichever is greater)		< 5 NTUs				

Geosyntec consultants

WELL DEVELOPMENT LOG SHEET

Client:	SCS	Project No:	GW 11927/02/01	Development Date:	01/12/2025
Site:	Huntaker	Location:	Plant Hammond	Field Personnel Name:	A.D
Well ID:	GWC-43	Pump Type/Model:	Monsoon		
Total Depth (ft) (after purge):	28.35	Tubing Material:	Poly		
Depth to Water (ft):	12.87	Pump Intake Depth (ft):	23.35		
Well Diameter (in):	2	Start/Stop Purge Time:	1345 / 1545		
Well Volume (gal) = 0.041d^2h:	2.54	Purge Rate (mL/min):	3000		
Well Volume (L) = gal * 3.785:	9.61	Total Purge Volume (L):	330		

d = well diameter (inches); h = length of water column (feet)

Well Type: Flush (Stick Up)

Well Lock: (Yes) No

Well Cap Condition: (Good) Replace

Well Tag Present: (Yes) No

Time	pH (SU)	Spec. Cond. (µS/cm)	ORP (mV)	DO (mg/L)	Temp. (°C)	Turbidity (NTUs)	DTW (ft btoc)	Purge Rate (mL/min)	Purged Volume (L)	Notes (Purge method, water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1345										Surge & Purge for 30 min at 3000 ml/min
1430	6.82	405.0	-77.1	5.64	15.37	414	24.39	3000	15	
1440	6.90	410.6	-154.6	2.78	17.66	550	23.95	3000	30	Well never run dry during
1445	6.81	454.3	-97.9	4.45	17.52	742	23.96	3000	45	development - produce
1450	6.81	387.5	-64.5	5.69	17.49	78.9	23.95	3000	60	enough water
1455	6.80	396.8	-70.1	4.92	17.39	53.2	23.98	3000	75	TD before purging = 28 ft
1500	6.81	397.8	-84.1	4.35	17.44	41.8	23.88	3000	90	
1505	6.80	396.0	-68.5	4.37	17.37	22.5	23.87	3000	105	
1510	6.81	394.9	-67.6	4.52	17.42	21.4	23.86	3000	120	
1515	6.80	395.3	-71.9	4.22	17.34	9.66	23.82	3000	135	
1520	6.79	393.6	-65.8	4.27	17.29	7.07	23.83	3000	150	
1525	6.80	394.5	-69.7	4.05	17.35	7.23	23.87	3000	165	
1530	6.78	390.0	-70.1	3.74	17.36	3.48	23.74	3000	180	
1535	6.81	393.3	-82.8	3.64	17.43	4.49	23.79	3000	195	
1540	6.81	391.4	-85.3	3.60	17.39	3.77	23.69	3000	210	
1545	6.78	391.4	-81.7	3.64	17.35	4.64	23.75	3000	225	
								A.D		
Stabilizing Criteria	+/- 0.1 SU	+/- 5%		0.2 mg/L or 10% for DO > 0.5 mg/L (whichever is greater)		< 5 NTUs				

Geosyntec consultants

WELL DEVELOPMENT LOG SHEET

Client: SCS
Site: Huffaker
Well ID: GWC-44
Total Depth (ft) (after purge): 53.21
Depth to Water (ft): 17.88
Well Diameter (in): 2
Well Volume (gal) = $0.041 d^2 h$: 5.79
Well Volume (L) = gal * 3.785: 21.93

d = well diameter (inches); h = length of water column (feet)

Project No: GW11927
Location: Plant Hammond
Pump Type/Model: Monsoon
Tubing Material: Poly
Pump Intake Depth (ft): 45.50
Start/Stop Purge Time: 1602 / 1707
Purge Rate (mL/min): 250
Total Purge Volume (L): ~375

Development Date: 1-12-26
Field Personnel Name: Zain W.

Well Type: Flush / (Stick Up)
Well Lock: (Yes) / No
Well Cap Condition: (Good) / Replace
Well Tag Present: (Yes) / No

Time	pH (SU)	Spec. Cond. (µS/cm)	ORP (mV)	DO (mg/L)	Temp. (°C)	Turbidity (NTUs)	DTW (ft btoc)	Purge Rate (mL/min)	Purged Volume (L)	Notes (Purge method, water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1602	7.062	697.7	-175.6	0.360	16.99	389	30.81	250	1.25	TD=53.08 ft intial
1607	7.200	696.6	-175.8	0.251	16.89	88.0	26.52	250	2.5	Surge & pump for 2:10 @
1612	7.182	726.4	-218.3	0.157	16.50	49.1	25.79	250	3.75	2000-3500 ml/min; large
1617	7.163	736.0	-212.3	0.180	16.54	18.9	25.27	250	5.0	amount of PVC shavings in
1622	7.165	737.6	-208.8	0.185	16.60	12.0	25.02	250	6.25	well; had to remove pump
1627	7.161	734.3	-162.1	0.158	16.82	8.35	24.78	250	7.5	3 times to clear.
1632	7.172	736.7	-208.7	0.142	16.62	6.30	24.58	250	8.75	Decent/moderate recharge
1637	7.176	737.7	-207.0	0.135	16.60	6.05	24.51	250	10	~357.5 L purged
1642	7.177	737.6	-209.1	0.116	16.58	5.11	24.45	250	11.25	
1647	7.181	738.1	-208.4	0.118	16.58	5.46	24.49	250	12.5	
1652	7.178	738.1	-207.2	0.119	16.55	5.07	24.46	250	13.75	
1657	7.186	738.4	-206.8	0.116	16.53	4.38	24.46	250	15	
1702	7.189	739.7	-206.2	0.118	16.51	4.73	24.48	250	16.25	
1707	7.187	740.5	-205.1	0.120	16.40	4.79	24.44	250	17.5	
						ZW 1/12/26				
Stabilizing Criteria	+/- 0.1 SU	+/- 5%		0.2 mg/L or 10% for DO > 0.5 mg/L (whichever is greater)		< 5 NTUs				

Site Name: Huffaker

Calibrated By: ZW / AD

Field Instrumentation Calibration Form

Date: 1-12-26

Field Conditions: Sunny, 30°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aqua Troll 400	11 7 1 6 0 3
Turbidity Meter	HACH 2100Q	13110C029655

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24021650	09/2026	AIR
pH (SU)	4.00	24021650	09/2026	AIR
pH (SU)	7.00	24021711	09/2026	AIR
pH (SU)	10.00	24022184	09/2026	AIR
D.O. (%)	N/A	—	—	—
ORP (mV)	228.0	24020578	09/2026	AIR

Calibration					
Time Start 0935		Time Finish 1005			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	2693	4.86	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	4.25	± 0.1	GWMP
pH (SU)	7.00	7.00	4.43	± 0.1	GWMP
pH (SU)	10.00	10.00	4.55	± 0.1	GWMP
D.O. (%)	N/A	107.2	12.23	± 10%	NA
ORP (mV)	228.0	247.4	4.61	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	10.0	± 10% of standard	EPA 2023
	20	20.4		
	100	103		
	800	802		

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

ZW 1/12/26

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

Notes:

No Mid-day calibration.

ZW 1/12/26

Site Name: Huffaker

Calibrated By: A. D

Field Instrumentation Calibration Form

Date: 01/12/2026

Field Conditions: 28-45°F, Sunny

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aqua TROLL 400	1082822
Turbidity Meter	HACH 2100Q	20050C0 83517

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24021650	09/2026	AIR
pH (SU)	4.00	24021650	09/2026	AIR
pH (SU)	7.00	24021711	09/2026	AIR
pH (SU)	10.00	24011537	01/2026	AIR
D.O. (%)	N/A	—	—	—
ORP (mV)	228.0	24020598	09/2026	AIR

Calibration					
Time Start 0900		Time Finish 0935			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4284	7.92	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	8.67	± 0.1	GWMP
pH (SU)	7.00	7.00	8.22	± 0.1	GWMP
pH (SU)	10.00	10.00	8.12	± 0.1	GWMP
D.O. (%)	N/A	98.17	6.76	± 10%	NA
ORP (mV)	228.0	242.6	7.46	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	9.98	± 10% of standard	EPA 2023
	20	19.6		
	100	102		
	800	808		

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

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

A.D 01/12/2026

Notes: No mid-day calibration.

A.D 01/12/2026

Site Name: Huffaker

Calibrated By: ZW

Field Instrumentation Calibration Form

Date: 1/13/26

Field Conditions: Clear, 28°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aqua Troll 400	1177603
Turbidity Meter	Hach 2100Q	13110C029GSS

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24021650	09/2026	AIR
pH (SU)	4.00	24021650	09/2026	AIR
pH (SU)	7.00	24021711	09/2026	AIR
pH (SU)	10.00	24022784	09/2026	AIR
D.O. (%)	N/A	—	—	—
ORP (mV)	228.0	24020598	09/2026	AIR

Calibration					
Time Start 0728		Time Finish 0800			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	1.861	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	1.925	± 0.1	GWMP
pH (SU)	7.00	7.00	2.384	± 0.1	GWMP
pH (SU)	10.00	10.00	2.378	± 0.1	GWMP
D.O. (%)	N/A	100%	ZW 1.278	± 10%	NA
ORP (mV)	228.0	228.0	2.026	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	20	± 10% of standard	EPA 2023
	100	100		
	800	800		
	—	—		

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

ZW 1/13/26

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

Notes: No Midday cal.

ZW 1/13/26

Site Name: Huffaker

Calibrated By: A-D

Field Instrumentation Calibration Form

Date: 01/13/2026

Field Conditions: 30 - 54°F, Sunny

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aqua Troll 400	10828 22
Turbidity Meter	HACH 2100Q	20030C083517

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24021650	07/2026	AIR
pH (SU)	4.00	24021650	07/2026	AIR
pH (SU)	7.00	24021711	07/2026	AIR
pH (SU)	10.00	24011537	07/2026	AIR
D.O. (%)	N/A	—	—	—
ORP (mV)	228.0	24020578	07/2026	AIR

Calibration					
Time Start 0722		Time Finish 0745			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4473	5.44	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	4.31	± 0.1	GWMP
pH (SU)	7.00	7.00	5.34	± 0.1	GWMP
pH (SU)	10.00	10.00	5.73	± 0.1	GWMP
D.O. (%)	N/A	97.39	5.33	± 10%	NA
ORP (mV)	228.0	231.6	5.12	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	9.98	± 10% of standard	EPA 2023
	20	21.1		
	100	103		
	800	806		

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

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

A-D 01/13/2026

Notes: No mid-day calibration.

A-D 01/13/2026

Site Name: Huffaker

Calibrated By: ZW

Field Instrumentation Calibration Form

Date: 1/14/26

Field Conditions: Cloudy 40°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	1177603
Turbidity Meter	Hach 2100Q	13110C029C SS

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24021650	09/2026	AIR
pH (SU)	4.00	24021650	09/2026	AIR
pH (SU)	7.00	24021711	09/2026	AIR
pH (SU)	10.00	24022784	09/2026	AIR
D.O. (%)	N/A	—	—	—
ORP (mV)	228.0	24020598	09/2026	AIR

Calibration					
Time Start 0732		Time Finish 0801			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	7.167	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	7.399	± 0.1	GWMP
pH (SU)	7.00	7.00	7.653	± 0.1	GWMP
pH (SU)	10.00	10.00	7.705	± 0.1	GWMP
D.O. (%)	N/A	100.7	7.921	± 10%	NA
ORP (mV)	228.0	228.0	7.681	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	20	± 10% of standard	EPA 2023
	100	100		
	800	800		
	—	—		

Calibration Check					
Time Start 1141		Time Finish 1154			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	11.67	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	11.35	± 0.1	GWMP
pH (SU)	7.00	7.00	10.38	± 0.1	GWMP
pH (SU)	10.00	10.00	9.88	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	20	± 10% of standard	EPA 2023
	100	100		
	800	800		
	—	—		

Notes: No comments.

ZW 1/14/26

Site Name: Huffaker

Calibrated By: A.D

Field Instrumentation Calibration Form

Date: 01/14/2026

Field Conditions: 24-51°F, Cloudy

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aqua 1801140	10828822
Turbidity Meter	HACH 2100Q	20030083517

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24021850	09/2026	AIR
pH (SU)	4.00	24021650	09/2026	AIR
pH (SU)	7.00	24021711	09/2026	AIR
pH (SU)	10.00	24011537	01/2026	AIR
D.O. (%)	N/A	—	—	—
ORP (mV)	228.0	24020518	09/2026	AIR

Calibration					
Time Start 0712		Time Finish 0730			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4482	11.18	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	10.46	± 0.1	GWMP
pH (SU)	7.00	7.00	11.01	± 0.1	GWMP
pH (SU)	10.00	10.00	11.19	± 0.1	GWMP
D.O. (%)	N/A	99.14	11.01	± 10%	NA
ORP (mV)	228.0	220.0	10.81	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	9.46	± 10% of standard	EPA 2023
	20	19.9		
	100	99.9		
	800	797		

Calibration Check					
Time Start 1320		Time Finish 1332			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4446	18.02	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	17.25	± 0.1	GWMP
pH (SU)	7.00	7.00	17.92	± 0.1	GWMP
pH (SU)	10.00	10.00	17.62	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	9.85	± 10% of standard	EPA 2023
	20	19.9		
	100	99.5		
	800	793		

Notes: No comment.

A.D 01/14/2026

Site Name: Huffaker

Calibrated By: ZW

Field Instrumentation Calibration Form

Date: 1/15/26

Field Conditions: Clear, 25°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	1177605
Turbidity Meter	HACH 2100Q	13110C02965S

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4.490	24021650	09/2026	AIR
pH (SU)	4.00	24021650	09/2026	AIR
pH (SU)	7.00	24021711	09/2026	AIR
pH (SU)	10.00	24022784	09/2026	AIR
D.O. (%)	N/A	—	—	—
ORP (mV)	228.0	24020598	09/2026	AIR

Calibration					
Time Start 0656		Time Finish 0725			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	4490	6.407	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	6.015	± 0.1	GWMP
pH (SU)	7.00	7.00	5.124	± 0.1	GWMP
pH (SU)	10.00	10.00	4.559	± 0.1	GWMP
D.O. (%)	N/A	100%	1.496	± 10%	NA
ORP (mV)	228.0	228.0	3.671	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	20	± 10% of standard	EPA 2023
	100	100		
	800	800		
	—	—		

Calibration Check					
Time Start 1210		Time Finish 1229			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	4490	7.089	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	6.991	± 0.1	GWMP
pH (SU)	7.00	7.00	5.325	± 0.1	GWMP
pH (SU)	10.00	10.00	4.225	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	20	± 10% of standard	EPA 2023
	100	100		
	800	800		
	—	—		

Notes: No comments.

ZW 1/15/26

Site Name: Huffaker

Calibrated By: A-D

Field Instrumentation Calibration Form

Date: 01/15/2026

Field Conditions: 19-38°F, cloudy

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	Aqua TROLL 400	1082822
Turbidity Meter	HACH 2100P	20030002 83517

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24021650	09/2026	AIR
pH (SU)	4.00	24021650	09/2026	AIR
pH (SU)	7.00	24021711	09/2026	AIR
pH (SU)	10.00	24011537	01/2026	AIR
D.O. (%)	N/A	—	—	—
ORP (mV)	228.0	24020518	09/2026	AIR

Calibration					
Time Start 0700		Time Finish 0720			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4420	7.62	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	7.06	± 0.1	GWMP
pH (SU)	7.00	7.00	8.29	± 0.1	GWMP
pH (SU)	10.00	10.00	8.23	± 0.1	GWMP
D.O. (%)	N/A	101.5	11.27	± 10%	NA
ORP (mV)	228.0	231.1	7.42	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	9.92	± 10% of standard	EPA 2023
	20	20.3		
	100	103		
	800	805		

Calibration Check					
Time Start 1245		Time Finish 1255			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4578	12.15	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	14.08	± 0.1	GWMP
pH (SU)	7.00	7.00	13.19	± 0.1	GWMP
pH (SU)	10.00	10.00	12.50	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	9.96	± 10% of standard	EPA 2023
	20	19.3		
	100	95.6		
	800	798		

Notes: No comment.

A.D 01/15/2026

Site Name: Huffaker

Calibrated By: ZW

Field Instrumentation Calibration Form

Date: 1/16/26

Field Conditions: Clear, 20°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	~~YSI~~ Aquatroll 600	1177605
Turbidity Meter	HACH 2100Q	13110C029655

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24021650	09/2026	AIR
pH (SU)	4.00	24021650	09/2026	AIR
pH (SU)	7.00	24021711	09/2026	AIR
pH (SU)	10.00	24022784	09/2026	AIR
D.O. (%)	N/A	—	—	—
ORP (mV)	228.0	24020580	09/2026	AIR

Calibration					
Time Start 0710		Time Finish 0743			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	5.479	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	5.114	± 0.1	GWMP
pH (SU)	7.00	7.00	2.352	± 0.1	GWMP
pH (SU)	10.00	10.00	0.714	± 0.1	GWMP
D.O. (%)	N/A	100%	-1.399	± 10%	NA
ORP (mV)	228.0	228.0	-0.456	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	20	± 10% of standard	EPA 2023
	100	100		
	800	800		
	—	—		

Calibration Check					
Time Start 1156		Time Finish 1213			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	5.223	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	4.939	± 0.1	GWMP
pH (SU)	7.00	7.00	3.364	± 0.1	GWMP
pH (SU)	10.00	10.00	2.496	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	20	± 10% of standard	EPA 2023
	100	100		
	800	800		
	—	—		

Notes: Frost on probes, warm aquatroll in car.

ZW 1/16/26

Site Name: Huffaker

Calibrated By: A - D

Field Instrumentation Calibration Form

Date: 01/16/2026

Field Conditions: 27-51°F, cloudy

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	Aquaread AP-700	10828 22
Turbidity Meter	HACH 2100Q	20020C 083517

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24021650	09/2026	AIR
pH (SU)	4.00	24021650	09/2026	AIR
pH (SU)	7.00	24021711	09/2026	AIR
pH (SU)	10.00	24011537	01/2026	AIR
D.O. (%)	N/A	—	—	—
ORP (mV)	228.0	24020518	09/2026	AIR

Calibration					
Time Start 0105		Time Finish 0123			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4321	4.46	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	5.45	± 0.1	GWMP
pH (SU)	7.00	7.00	6.18	± 0.1	GWMP
pH (SU)	10.00	10.00	6.02	± 0.1	GWMP
D.O. (%)	N/A	101.2	4.76	± 10%	NA
ORP (mV)	228.0	232.0	4.45	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	9.89	± 10% of standard	EPA 2023
	20	20.2		
	100	101		
	800	803		

Calibration Check					
Time Start 1455		Time Finish 1503			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4331	18.48	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	20.53	± 0.1	GWMP
pH (SU)	7.00	7.00	19.83	± 0.1	GWMP
pH (SU)	10.00	10.00	19.82	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	9.91	± 10% of standard	EPA 2023
	20	19.5		
	100	99.9		
	800	794		

Notes: No comment.

A.D 01/16/2026

Site Name: Huffaker

Calibrated By: ZW

Field Instrumentation Calibration Form

Date: 1/17/26

Field Conditions: Cloudy, 25°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	1177605
Turbidity Meter	HACH 2100Q	13110C029655

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24021C50	09/2026	AIR
pH (SU)	4.00	24021C50	09/2026	AIR
pH (SU)	7.00	24021711	09/2026	AIR
pH (SU)	10.00	24022784	09/2026	AIR
D.O. (%)	N/A	—	—	—
ORP (mV)	228.0	24020598	09/2026	AIR

Calibration					
Time Start 0705		Time Finish 0735			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	9.66	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	9.56	± 0.1	GWMP
pH (SU)	7.00	7.00	9.71	± 0.1	GWMP
pH (SU)	10.00	10.00	9.80	± 0.1	GWMP
D.O. (%)	N/A	100%	8.26	± 10%	NA
ORP (mV)	228.0	228.0	9.51	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	20	± 10% of standard	EPA 2023
	100	100		
	800	800		
	—	—		

Calibration Check					
Time Start 1458		Time Finish 1512			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	13.38	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	13.49	± 0.1	GWMP
pH (SU)	7.00	7.00	13.51	± 0.1	GWMP
pH (SU)	10.00	10.00	13.75	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	20	± 10% of standard	EPA 2023
	100	100		
	800	800		
	—	—		

Notes: No comments

ZW 1/17/26

Site Name: Huffaker

Calibrated By: A.D

Field Instrumentation Calibration Form

Date: 01/17/2026

Field Conditions: 25-53°F, cloudy

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aqua Troll 400	10823222
Turbidity Meter	HACH 2100Q	20030083517

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24021650	09/2026	AIR
pH (SU)	4.00	24021650	09/2026	AIR
pH (SU)	7.00	24021711	09/2026	AIR
pH (SU)	10.00	24011537	01/2026	AIR
D.O. (%)	N/A	—	—	—
ORP (mV)	228.0	24022598	09/2026	AIR

Calibration					
Time Start 0710		Time Finish 0730			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4312	14.21	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	14.12	± 0.1	GWMP
pH (SU)	7.00	7.00	14.75	± 0.1	GWMP
pH (SU)	10.00	10.00	15.04	± 0.1	GWMP
D.O. (%)	N/A	94.60	13.51	± 10%	NA
ORP (mV)	228.0	212.9	14.38	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	9.95	± 10% of standard	EPA 2023
	20	20.2		
	100	104		
	800	807		

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

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

A.D 01/17/2026

Notes: No mid-day calibration.

A.D 01/17/2026

Site Name: Plant Hammond

Calibrated By: T. Kiessler

Field Instrumentation Calibration Form

Date: 1/30/2026

Field Conditions: Clear, 40°

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Insitu Equatorial	965586
Turbidity Meter	Lamotte	[illegible]

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24021650	09/26	Cole/Insitu
pH (SU)	4.00	↓	↓	↓
pH (SU)	7.00	24021711	09/26	
pH (SU)	10.00	24022784	09/26	
D.O. (%)	N/A	—	—	
ORP (mV)	228.0	24020595	09/26	

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	17.83	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	18.02	± 0.1	GWMP
pH (SU)	7.00	7.00	18.43	± 0.1	GWMP
pH (SU)	10.00	10.00	18.32	± 0.1	GWMP
D.O. (%)	N/A	100%	17.54	± 10%	NA
ORP (mV)	228.0	228	18.23	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0	± 10% of standard	EPA 2023
	1	~~.98~~ .97		
	10	10.3		
	—	—		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	~~4480~~ 4490	17.4	± 10% of standard	EPA 2023
pH (SU)	4.00	4.07	17.43	± 0.1	GWMP
pH (SU)	7.00	7.002	17.01	± 0.1	GWMP
pH (SU)	10.00	10.04	16.84	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0	± 10% of standard	EPA 2023
	1	.95		
	10	10.03		

Notes:

APPENDIX F

Certified Well Survey Data

METRO ENGINEERING & SURVEYING CO., INC.
SURVEYORS - ENGINEERS - PHOTOGRAMMETRISTS

1469 HIGHWAY 20 WEST • MCDONOUGH, GA 30253
phone: 770-707-0777 fax: 770.707-0755
WWW.METRO-ENGINEERING.COM

SURVEYOR'S REPORT

SCOPE OF WORK:

Field survey of existing monitoring wells at Georgia Power Company, Plant Hammond Huffaker Road Landfill, Floyd County, GA.

Horizontal and vertical datum was derived from RTK GPS observations with corrections received via a cellular modem utilizing the Leica "Smartnet" RTK Network and conventional surveying equipment. Horizontal datum is Georgia State Plane, West Zone, NAD83(2011) and vertical datum is NAVD88.

EQUIPMENT USED TO ESTABLISH THE MONITORING WELL LOCATIONS:

Leica GS18T GPS Receiver
Leica DNA10 Digital Level

CERTIFICATION:

I hereby certify that the center of well casing (PVC) has a horizontal accuracy of 0.5+/- feet or better using a Leica GS18T GPS (survey-grade) global positioning system receiver referencing the Georgia State Plane, West Zone, NAD83(2011) coordinate system in US survey feet. The top of well casing (PVC) elevation data was determined in feet above mean sea level based on the NAVD88 vertical datum. Vertical data was confirmed to be accurate within 0.01 foot through establishment of a closed level check loop with a Leica DNA10 digital level having a published accuracy of 0.9mm per dual-traverse kilometer.

Elevations were established using BM H-5:
Northing: 1,563,937.4180
Easting: 1,952,560.0250
Elevation: 657.52

GEORGIA REGISTERED No. 3427 LAND SURVEYOR CHRISTOPHER G. LEA

Christopher G. Lea R.L.S. No. 3427

Date: 01-15-26

Plant Hammond Huffaker Road Landfill
Rome, GA.
Field Survey Completed: January 15, 2026

Well ID	Latitude	Longitude	Casing Northing (PVC)	Casing Easting (PVC)	Top of Casing Elevation (PVC)	Nail on Pad Northing	Nail on Pad Easting	Nail on Pad Elevation
GWA-21A	N34.289235	W85.307897	1,562,245.47	1,951,880.36	622.18	1,562,245.45	1,951,881.42	618.61
GWA-24	N34.286453	W85.297420	1,561,197.76	1,955,033.87	740.29	1,561,197.89	1,955,032.81	737.16
GWA-25	N34.286437	W85.298590	1,561,195.88	1,954,680.25	736.81	1,561,196.82	1,954,680.49	733.88
GWA-26	N34.286433	W85.300254	1,561,200.00	1,954,177.49	713.48	1,561,200.56	1,954,176.71	710.47
GWA-27	N34.286354	W85.301970	1,561,176.95	1,953,659.01	705.88	1,561,177.99	1,953,658.88	703.25
GWC-28	N34.287573	W85.302581	1,561,622.84	1,953,479.33	693.98	1,561,621.84	1,953,480.08	691.39
GWC-29	N34.288747	W85.302904	1,562,051.12	1,953,386.55	662.58	1,562,052.07	1,953,386.92	659.85
GWC-30	N34.289974	W85.302859	1,562,497.32	1,953,405.00	650.36	1,562,498.35	1,953,404.35	646.99
GWC-31	N34.290581	W85.301775	1,562,714.73	1,953,734.88	649.06	1,562,715.87	1,953,734.42	645.83
GWC-32	N34.291176	W85.300500	1,562,927.03	1,954,122.64	663.52	1,562,925.91	1,954,123.20	660.73
GWC-33	N34.291781	W85.299194	1,563,142.86	1,954,519.54	671.54	1,563,142.50	1,954,520.43	668.40
GWC-34	N34.292015	W85.298107	1,563,224.39	1,954,848.86	653.58	1,563,224.12	1,954,847.75	650.93
GWC-35	N34.291808	W85.296635	1,563,144.02	1,955,292.65	666.89	1,563,144.04	1,955,293.62	664.11
GWC-36	N34.292406	W85.295419	1,563,357.41	1,955,662.29	661.86	1,563,357.28	1,955,663.41	658.33
GWC-37	N34.291385	W85.294406	1,562,982.40	1,955,964.08	662.61	1,562,982.33	1,955,965.18	659.76
GWC-38	N34.290160	W85.294296	1,562,536.53	1,955,992.25	671.39	1,562,536.50	1,955,993.92	668.52
GWC-39	N34.288775	W85.294767	1,562,033.76	1,955,844.37	663.92	1,562,032.73	1,955,844.00	660.78
GWC-40	N34.287554	W85.295125	1,561,590.70	1,955,731.47	719.23	1,561,590.59	1,955,730.40	716.34
GWC-41	N34.286729	W85.296088	1,561,293.61	1,955,437.36	711.28	1,561,294.86	1,955,437.36	708.55
GWC-42	N34.296263	W85.302417	1,564,784.84	1,953,564.21	650.42	1,564,784.00	1,953,564.34	646.72
GWC-43	N34.294011	W85.304789	1,563,973.09	1,952,838.61	656.54	1,563,973.91	1,952,838.44	653.66
GWC-44	N34.290148	W85.305151	1,562,568.48	1,952,713.35	638.51	1,562,567.86	1,952,712.57	635.27

GEORGIA
REGISTERED
No. 3427
LAND SURVEYOR
CHRISTOPHER G. LEA

Geosyntec consultants

APPENDIX B

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: July 2, 2026

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 February 2026 sampling event. 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	2/2/2026	All Wells	Checked and cleared weep holes of debris.

Attachment
Well Inspection Summary Table

Well Inspection

Site Name: Huffaker Road Landfill

Date: 02/02/2026

Permit Number: 057-022D (LI)

Field Conditions: Clear, 29° 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: 02/02/2026

Permit Number: 057-022D (LI)

Field Conditions: Clear, 29° 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: 02/02/2026

Permit Number: 057-022D (LI)

Field Conditions: Clear, 29° 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: 02/02/2026

Permit Number: 057-022D (LI)

Field Conditions: Clear, 29° 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 C

Analytical Laboratory Results and Field Sampling Forms

LABORATORY ANALYTICAL RESULTS

February 2026

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

March 11, 2026

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

RE: Project: Hammond-Huffaker-Parcels ABE
Pace Project No.: 92843245

Dear Kristen Jurinko:

Enclosed are the analytical results for sample(s) received by the laboratory between February 09, 2026 and February 11, 2026. 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
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
Amanda Tomlinson, Geosyntec Consultants
Zain Webb, Geosyntec Consultants

REPORT OF LABORATORY ANALYSIS

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

CERTIFICATIONS

Project:	Hammond-Huffaker-Parcels ABE
Pace Project No.:	92843245

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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Huntersville, NC 28078
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SAMPLE SUMMARY

Project: Hammond-Huffaker-Parcels ABE
Pace Project No.: 92843245

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92843245001	**HAM-GWA-1**	Water	02/08/26 10:32	02/09/26 17:05
92843245002	**HAM-GWA-2**	Water	02/08/26 10:45	02/09/26 17:05
92843245003	**HAM-GWA-3**	Water	02/08/26 13:16	02/09/26 17:05
92843245004	**HAM-GWA-4**	Water	02/07/26 15:38	02/09/26 17:05
92843245005	**HAM-GWA-11**	Water	02/08/26 13:06	02/09/26 17:05
92843245006	**HAM-GWC-5**	Water	02/08/26 17:19	02/09/26 17:05
92843245007	**HAM-GWC-10**	Water	02/08/26 16:59	02/09/26 17:05
92843245008	**HAM-HLF-ABE-GWC-19**	Water	02/08/26 15:37	02/09/26 17:05
92843245009	**HAM-HLF-ABE-EB-01**	Water	02/08/26 16:35	02/09/26 17:05
92843245010	**HAM-HLF-ABE-FB-01**	Water	02/08/26 16:30	02/09/26 17:05
92843245011	**HAM-HLF-ABE-GWC-6**	Water	02/09/26 13:11	02/11/26 14:21
92843245012	**HAM-GWC-7**	Water	02/09/26 10:35	02/11/26 14:21
92843245013	**HAM-HLF-ABE-GWC-8**	Water	02/09/26 11:45	02/11/26 14:21
92843245014	**HAM-GWC-9**	Water	02/09/26 12:25	02/11/26 14:21
92843245015	**HAM-GWC-18**	Water	02/10/26 13:05	02/11/26 14:21
92843245016	**HAM-GWC-20**	Water	02/09/26 16:24	02/11/26 14:21
92843245017	**HAM-GWC-21**	Water	02/09/26 11:25	02/11/26 14:21
92843245018	**HAM-GWC-22**	Water	02/09/26 12:46	02/11/26 14:21
92843245019	**HAM-GWC-23**	Water	02/09/26 18:01	02/11/26 14:21
92843245020	**HAM-HLF-ABE-FD-01**	Water	02/09/26 00:00	02/11/26 14:21
92843245021	**HAM-HLF-ABE-FD-02**	Water	02/09/26 00:00	02/11/26 14:21
92843245022	**HAM-HLF-ABE-EB-02**	Water	02/09/26 16:35	02/11/26 14:21
92843245023	**HAM-HLF-ABE-FB-02**	Water	02/09/26 16:30	02/11/26 14:21

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Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: Hammond-Huffaker-Parcels ABE
Pace Project No.: 92843245

Lab ID	Sample ID	Method	Analysts	Analytes Reported
92843245001	**HAM-GWA-1**	SM 2320B-2021	MDW	3
		SM 2540C-2020	NSS	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BW	20
92843245002	**HAM-GWA-2**	SM 2320B-2021	MDW	3
		SM 2540C-2020	NSS	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BW	20
92843245003	**HAM-GWA-3**	SM 2320B-2021	MDW	3
		SM 2540C-2020	NSS	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BW	20
92843245004	**HAM-GWA-4**	SM 2320B-2021	MDW	3
		SM 2540C-2020	NSS	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BW	20
92843245005	**HAM-GWA-11**	SM 2320B-2021	MDW	3
		SM 2540C-2020	NSS	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BW	20
92843245006	**HAM-GWC-5**	SM 2320B-2021	MDW	3
		SM 2540C-2020	ACE	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BW	20
92843245007	**HAM-GWC-10**	SM 2320B-2021	MDW	3
		SM 2540C-2020	ACE	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BW	20
92843245008	**HAM-HLF-ABE-GWC-19**	SM 2320B-2021	MDW	3
		SM 2540C-2020	ACE	1
		EPA 300.0 Rev 2.1 1993	JCM	3
		EPA 6020B	BW	20
92843245009	**HAM-HLF-ABE-EB-01**	SM 2320B-2021	MDW	3
		SM 2540C-2020	ACE	1
		EPA 300.0 Rev 2.1 1993	JCM	3
		EPA 6020B	BW	17
92843245010	**HAM-HLF-ABE-FB-01**	SM 2320B-2021	MDW	3

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Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: Hammond-Huffaker-Parcels ABE
Pace Project No.: 92843245

Lab ID	Sample ID	Method	Analysts	Analytes Reported
		SM 2540C-2020	ACE	1
		EPA 300.0 Rev 2.1 1993	JCM	3
		EPA 6020B	BW	17
92843245011	**HAM-HLF-ABE-GWC-6**	SM 2320B-2021	MDW	3
		SM 2540C-2020	CMW1	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BW	20
92843245012	**HAM-GWC-7**	SM 2320B-2021	MDW	3
		SM 2540C-2020	CMW1	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BW	20
92843245013	**HAM-HLF-ABE-GWC-8**	SM 2320B-2021	MDW	3
		SM 2540C-2020	CMW1	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BW	20
92843245014	**HAM-GWC-9**	SM 2320B-2021	MDW	3
		SM 2540C-2020	CMW1	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BW	20
92843245015	**HAM-GWC-18**	SM 2320B-2021	SMS	3
		SM 2540C-2020	ACE	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BW	20
92843245016	**HAM-GWC-20**	SM 2320B-2021	MDW	3
		SM 2540C-2020	CMW1	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BW	20
92843245017	**HAM-GWC-21**	SM 2320B-2021	MDW	3
		SM 2540C-2020	CMW1	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BW	20
92843245018	**HAM-GWC-22**	SM 2320B-2021	MDW	3
		SM 2540C-2020	CMW1	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BW	20
92843245019	**HAM-GWC-23**	SM 2320B-2021	MDW	3
		SM 2540C-2020	CMW1	1

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SAMPLE ANALYTE COUNT

Project: Hammond-Huffaker-Parcels ABE
Pace Project No.: 92843245

Lab ID	Sample ID	Method	Analysts	Analytes Reported
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BW	20
92843245020	**HAM-HLF-ABE-FD-01**	SM 2320B-2021	MDW	3
		SM 2540C-2020	CMW1	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BW	17
92843245021	**HAM-HLF-ABE-FD-02**	SM 2320B-2021	MDW	3
		SM 2540C-2020	CMW1	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BW	17
92843245022	**HAM-HLF-ABE-EB-02**	SM 2320B-2021	MDW	3
		SM 2540C-2020	CMW1	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BW	17
92843245023	**HAM-HLF-ABE-FB-02**	SM 2320B-2021	MDW	3
		SM 2540C-2020	CMW1	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BW	17

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

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SUMMARY OF DETECTION

Project: Hammond-Huffaker-Parcels ABE
Pace Project No.: 92843245

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92843245001	**HAM-GWA-1**					
SM 2320B-2021	Alkalinity,Bicarbonate (CaCO3)	72.7	mg/L	5.0	02/20/26 17:01	
SM 2320B-2021	Alkalinity, Total as CaCO3	72.7	mg/L	5.0	02/20/26 17:01	
SM 2540C-2020	Total Dissolved Solids	105	mg/L	25.0	02/12/26 04:53	
EPA 300.0 Rev 2.1 1993	Chloride	1.2	mg/L	1.0	02/11/26 17:44	
EPA 300.0 Rev 2.1 1993	Fluoride	0.10	mg/L	0.10	02/11/26 17:44	
EPA 300.0 Rev 2.1 1993	Sulfate	3.7	mg/L	1.0	02/11/26 17:44	
EPA 6020B	Barium	0.040	mg/L	0.0050	02/25/26 14:47	
EPA 6020B	Boron	0.019J	mg/L	0.040	02/25/26 14:47	
EPA 6020B	Calcium	15.2	mg/L	0.40	02/25/26 14:47	
EPA 6020B	Chromium	0.00027J	mg/L	0.0050	02/25/26 14:47	
EPA 6020B	Cobalt	0.00062J	mg/L	0.0050	02/25/26 14:47	
EPA 6020B	Magnesium	6.2	mg/L	0.050	02/25/26 14:47	
EPA 6020B	Potassium	0.39J	mg/L	0.40	02/25/26 14:47	
EPA 6020B	Sodium	4.0	mg/L	0.40	02/25/26 14:47	
92843245002	**HAM-GWA-2**					
SM 2320B-2021	Alkalinity,Bicarbonate (CaCO3)	235	mg/L	5.0	02/20/26 16:33	
SM 2320B-2021	Alkalinity, Total as CaCO3	235	mg/L	5.0	02/20/26 16:33	
SM 2540C-2020	Total Dissolved Solids	281	mg/L	25.0	02/12/26 04:53	
EPA 300.0 Rev 2.1 1993	Chloride	2.7	mg/L	1.0	02/11/26 18:00	
EPA 300.0 Rev 2.1 1993	Fluoride	0.094J	mg/L	0.10	02/11/26 18:00	
EPA 300.0 Rev 2.1 1993	Sulfate	34.6	mg/L	1.0	02/11/26 18:00	
EPA 6020B	Barium	0.21	mg/L	0.0050	02/25/26 14:56	
EPA 6020B	Boron	0.088	mg/L	0.040	02/25/26 14:56	
EPA 6020B	Calcium	55.5	mg/L	2.0	02/25/26 15:05	
EPA 6020B	Magnesium	21.8	mg/L	0.050	02/25/26 14:56	
EPA 6020B	Potassium	0.65	mg/L	0.40	02/25/26 14:56	
EPA 6020B	Sodium	12.1	mg/L	0.40	02/25/26 14:56	
92843245003	**HAM-GWA-3**					
SM 2320B-2021	Alkalinity,Bicarbonate (CaCO3)	240	mg/L	5.0	02/20/26 16:25	
SM 2320B-2021	Alkalinity, Total as CaCO3	240	mg/L	5.0	02/20/26 16:25	
SM 2540C-2020	Total Dissolved Solids	348	mg/L	25.0	02/12/26 04:53	
EPA 300.0 Rev 2.1 1993	Chloride	1.1	mg/L	1.0	02/11/26 18:16	
EPA 300.0 Rev 2.1 1993	Fluoride	0.11	mg/L	0.10	02/11/26 18:16	
EPA 300.0 Rev 2.1 1993	Sulfate	89.0	mg/L	1.0	02/11/26 18:16	
EPA 6020B	Barium	0.075	mg/L	0.0050	02/25/26 15:33	
EPA 6020B	Boron	0.10	mg/L	0.040	02/25/26 15:33	
EPA 6020B	Calcium	67.4	mg/L	2.0	02/27/26 01:34	1g
EPA 6020B	Chromium	0.00028J	mg/L	0.0050	02/25/26 15:33	
EPA 6020B	Cobalt	0.00034J	mg/L	0.0050	02/25/26 15:33	
EPA 6020B	Magnesium	28.3	mg/L	0.25	02/25/26 15:42	
EPA 6020B	Nickel	0.0011J	mg/L	0.0050	02/25/26 15:33	
EPA 6020B	Potassium	0.72	mg/L	0.40	02/25/26 15:33	
EPA 6020B	Sodium	19.5	mg/L	0.40	02/25/26 15:33	
EPA 6020B	Zinc	0.0023J	mg/L	0.010	02/25/26 15:33	
92843245004	**HAM-GWA-4**					
SM 2320B-2021	Alkalinity,Bicarbonate (CaCO3)	244	mg/L	5.0	02/20/26 15:07	

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SUMMARY OF DETECTION

Project: Hammond-Huffaker-Parcels ABE
Pace Project No.: 92843245

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92843245004	**HAM-GWA-4**					
SM 2320B-2021	Alkalinity, Total as CaCO3	244	mg/L	5.0	02/20/26 15:07	
SM 2540C-2020	Total Dissolved Solids	533	mg/L	25.0	02/12/26 04:53	
EPA 300.0 Rev 2.1 1993	Chloride	4.3	mg/L	1.0	02/11/26 18:31	
EPA 300.0 Rev 2.1 1993	Fluoride	0.10	mg/L	0.10	02/11/26 18:31	
EPA 300.0 Rev 2.1 1993	Sulfate	177	mg/L	4.0	02/12/26 04:01	
EPA 6020B	Arsenic	0.00046J	mg/L	0.0020	02/25/26 15:51	
EPA 6020B	Barium	0.057	mg/L	0.0050	02/25/26 15:51	
EPA 6020B	Boron	0.081	mg/L	0.040	02/25/26 15:51	
EPA 6020B	Calcium	110	mg/L	2.0	02/27/26 01:44	1g
EPA 6020B	Chromium	0.00038J	mg/L	0.0050	02/25/26 15:51	
EPA 6020B	Cobalt	0.00057J	mg/L	0.0050	02/25/26 15:51	
EPA 6020B	Magnesium	43.0	mg/L	0.25	02/25/26 16:01	
EPA 6020B	Nickel	0.0011J	mg/L	0.0050	02/25/26 15:51	
EPA 6020B	Potassium	1.5	mg/L	0.40	02/25/26 15:51	
EPA 6020B	Sodium	15.5	mg/L	0.40	02/25/26 15:51	
EPA 6020B	Zinc	0.0024J	mg/L	0.010	02/25/26 15:51	
92843245005	**HAM-GWA-11**					
SM 2320B-2021	Alkalinity,Bicarbonate (CaCO3)	85.5	mg/L	5.0	02/20/26 16:09	
SM 2320B-2021	Alkalinity, Total as CaCO3	85.5	mg/L	5.0	02/20/26 16:09	
SM 2540C-2020	Total Dissolved Solids	131	mg/L	25.0	02/12/26 04:53	
EPA 300.0 Rev 2.1 1993	Chloride	1.4	mg/L	1.0	02/11/26 18:47	
EPA 300.0 Rev 2.1 1993	Fluoride	0.079J	mg/L	0.10	02/11/26 18:47	
EPA 300.0 Rev 2.1 1993	Sulfate	9.2	mg/L	1.0	02/11/26 18:47	
EPA 6020B	Barium	0.032	mg/L	0.0050	02/25/26 16:10	
EPA 6020B	Boron	0.036J	mg/L	0.040	02/25/26 16:10	
EPA 6020B	Calcium	21.1	mg/L	0.40	02/27/26 01:53	1g
EPA 6020B	Cobalt	0.00069J	mg/L	0.0050	02/25/26 16:10	
EPA 6020B	Magnesium	6.1	mg/L	0.050	02/25/26 16:10	
EPA 6020B	Nickel	0.0023J	mg/L	0.0050	02/25/26 16:10	
EPA 6020B	Potassium	0.34J	mg/L	0.40	02/25/26 16:10	
EPA 6020B	Sodium	7.3	mg/L	0.40	02/25/26 16:10	
92843245006	**HAM-GWC-5**					
SM 2320B-2021	Alkalinity,Bicarbonate (CaCO3)	232	mg/L	5.0	02/20/26 17:16	
SM 2320B-2021	Alkalinity, Total as CaCO3	232	mg/L	5.0	02/20/26 17:16	
SM 2540C-2020	Total Dissolved Solids	393	mg/L	25.0	02/12/26 10:54	
EPA 300.0 Rev 2.1 1993	Chloride	2.4	mg/L	1.0	02/11/26 19:03	
EPA 300.0 Rev 2.1 1993	Fluoride	0.070J	mg/L	0.10	02/11/26 19:03	
EPA 300.0 Rev 2.1 1993	Sulfate	90.8	mg/L	2.0	02/12/26 04:17	
EPA 6020B	Barium	0.068	mg/L	0.0050	02/25/26 16:19	
EPA 6020B	Boron	0.048	mg/L	0.040	02/25/26 16:19	
EPA 6020B	Calcium	85.5	mg/L	2.0	02/27/26 02:02	1g
EPA 6020B	Cobalt	0.00037J	mg/L	0.0050	02/25/26 16:19	
EPA 6020B	Copper	0.00094J	mg/L	0.0050	02/25/26 16:19	
EPA 6020B	Magnesium	24.2	mg/L	0.050	02/25/26 16:19	
EPA 6020B	Nickel	0.00098J	mg/L	0.0050	02/25/26 16:19	
EPA 6020B	Potassium	0.78	mg/L	0.40	02/25/26 16:19	

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SUMMARY OF DETECTION

Project: Hammond-Huffaker-Parcels ABE
Pace Project No.: 92843245

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92843245006	**HAM-GWC-5**					
EPA 6020B	Sodium	12.6	mg/L	0.40	02/25/26 16:19	
EPA 6020B	Zinc	0.0029J	mg/L	0.010	02/25/26 16:19	
92843245007	**HAM-GWC-10**					
SM 2320B-2021	Alkalinity,Bicarbonate (CaCO3)	167	mg/L	5.0	02/20/26 15:49	
SM 2320B-2021	Alkalinity, Total as CaCO3	167	mg/L	5.0	02/20/26 15:49	
SM 2540C-2020	Total Dissolved Solids	183	mg/L	25.0	02/12/26 10:54	
EPA 300.0 Rev 2.1 1993	Chloride	1.4	mg/L	1.0	02/11/26 19:19	
EPA 300.0 Rev 2.1 1993	Fluoride	0.097J	mg/L	0.10	02/11/26 19:19	
EPA 300.0 Rev 2.1 1993	Sulfate	9.3	mg/L	1.0	02/11/26 19:19	
EPA 6020B	Barium	0.15	mg/L	0.0050	02/25/26 16:38	
EPA 6020B	Boron	0.039J	mg/L	0.040	02/25/26 16:38	
EPA 6020B	Calcium	48.6	mg/L	2.0	02/27/26 02:11	1g
EPA 6020B	Magnesium	10.0	mg/L	0.050	02/25/26 16:38	
EPA 6020B	Potassium	0.42	mg/L	0.40	02/25/26 16:38	
EPA 6020B	Sodium	7.5	mg/L	0.40	02/25/26 16:38	
92843245008	**HAM-HLF-ABE-GWC-19**					
SM 2320B-2021	Alkalinity,Bicarbonate (CaCO3)	199	mg/L	5.0	02/20/26 15:34	
SM 2320B-2021	Alkalinity, Total as CaCO3	199	mg/L	5.0	02/20/26 15:34	
SM 2540C-2020	Total Dissolved Solids	257	mg/L	25.0	02/12/26 10:55	
EPA 300.0 Rev 2.1 1993	Chloride	1.2	mg/L	1.0	02/11/26 01:57	
EPA 300.0 Rev 2.1 1993	Fluoride	0.096J	mg/L	0.10	02/11/26 01:57	
EPA 300.0 Rev 2.1 1993	Sulfate	29.1	mg/L	1.0	02/11/26 01:57	
EPA 6020B	Barium	0.16	mg/L	0.0050	02/25/26 17:24	
EPA 6020B	Boron	0.16	mg/L	0.040	02/25/26 17:24	
EPA 6020B	Calcium	52.1	mg/L	2.0	02/27/26 02:20	1g
EPA 6020B	Magnesium	12.4	mg/L	0.050	02/25/26 17:24	
EPA 6020B	Potassium	0.43	mg/L	0.40	02/25/26 17:24	
EPA 6020B	Sodium	22.4	mg/L	0.40	02/25/26 17:24	
92843245009	**HAM-HLF-ABE-EB-01**					
EPA 6020B	Zinc	0.0019J	mg/L	0.010	02/25/26 17:33	
92843245011	**HAM-HLF-ABE-GWC-6**					
SM 2320B-2021	Alkalinity,Bicarbonate (CaCO3)	159	mg/L	5.0	02/20/26 23:00	
SM 2320B-2021	Alkalinity, Total as CaCO3	159	mg/L	5.0	02/20/26 23:00	
SM 2540C-2020	Total Dissolved Solids	323	mg/L	25.0	02/12/26 20:27	
EPA 300.0 Rev 2.1 1993	Chloride	1.7	mg/L	1.0	02/13/26 04:36	
EPA 300.0 Rev 2.1 1993	Fluoride	0.050J	mg/L	0.10	02/13/26 04:36	
EPA 300.0 Rev 2.1 1993	Sulfate	93.1	mg/L	1.0	02/13/26 04:36	
EPA 6020B	Barium	0.14	mg/L	0.0050	03/03/26 15:09	
EPA 6020B	Boron	0.047	mg/L	0.040	03/05/26 18:53	
EPA 6020B	Calcium	71.0	mg/L	2.0	03/03/26 15:12	
EPA 6020B	Magnesium	17.6	mg/L	0.050	03/03/26 15:09	
EPA 6020B	Potassium	0.59	mg/L	0.40	03/03/26 15:09	
EPA 6020B	Sodium	12.4	mg/L	0.40	03/03/26 15:09	

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SUMMARY OF DETECTION

Project: Hammond-Huffaker-Parcels ABE
Pace Project No.: 92843245

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92843245012	**HAM-GWC-7**					
SM 2540C-2020	Total Dissolved Solids	236	mg/L	25.0	02/12/26 20:27	
EPA 300.0 Rev 2.1 1993	Chloride	2.1	mg/L	1.0	02/13/26 04:50	
EPA 300.0 Rev 2.1 1993	Fluoride	0.087J	mg/L	0.10	02/13/26 04:50	
EPA 300.0 Rev 2.1 1993	Sulfate	103	mg/L	3.0	02/13/26 09:04	
EPA 6020B	Arsenic	0.0051	mg/L	0.0020	03/03/26 15:22	
EPA 6020B	Barium	0.038	mg/L	0.0050	03/03/26 15:22	
EPA 6020B	Beryllium	0.00036J	mg/L	0.00040	03/05/26 19:02	
EPA 6020B	Boron	0.030J	mg/L	0.040	03/05/26 19:02	
EPA 6020B	Calcium	18.2	mg/L	0.40	03/03/26 15:22	
EPA 6020B	Cobalt	0.020	mg/L	0.0050	03/03/26 15:22	
EPA 6020B	Magnesium	13.5	mg/L	0.050	03/03/26 15:22	
EPA 6020B	Nickel	0.12	mg/L	0.0050	03/03/26 15:22	
EPA 6020B	Potassium	2.5	mg/L	0.40	03/03/26 15:22	
EPA 6020B	Sodium	6.0	mg/L	0.40	03/03/26 15:22	
EPA 6020B	Zinc	0.22	mg/L	0.010	03/03/26 15:22	
92843245013	**HAM-HLF-ABE-GWC-8**					
SM 2320B-2021	Alkalinity,Bicarbonate (CaCO3)	232	mg/L	5.0	02/20/26 22:40	
SM 2320B-2021	Alkalinity, Total as CaCO3	232	mg/L	5.0	02/20/26 22:40	
SM 2540C-2020	Total Dissolved Solids	289	mg/L	25.0	02/12/26 20:27	
EPA 300.0 Rev 2.1 1993	Chloride	2.0	mg/L	1.0	02/13/26 05:05	
EPA 300.0 Rev 2.1 1993	Fluoride	0.11	mg/L	0.10	02/13/26 05:05	
EPA 300.0 Rev 2.1 1993	Sulfate	35.6	mg/L	1.0	02/13/26 05:05	
EPA 6020B	Arsenic	0.0014J	mg/L	0.0020	03/03/26 15:28	
EPA 6020B	Barium	0.13	mg/L	0.0050	03/03/26 15:28	
EPA 6020B	Boron	0.042	mg/L	0.040	03/05/26 19:30	
EPA 6020B	Calcium	76.3	mg/L	2.0	03/03/26 15:31	
EPA 6020B	Cobalt	0.00058J	mg/L	0.0050	03/03/26 15:28	
EPA 6020B	Magnesium	12.9	mg/L	0.050	03/03/26 15:28	
EPA 6020B	Potassium	0.71	mg/L	0.40	03/03/26 15:28	
EPA 6020B	Sodium	10.7	mg/L	0.40	03/03/26 15:28	
EPA 6020B	Zinc	0.0017J	mg/L	0.010	03/03/26 15:28	
92843245014	**HAM-GWC-9**					
SM 2320B-2021	Alkalinity,Bicarbonate (CaCO3)	88.1	mg/L	5.0	02/20/26 22:32	
SM 2320B-2021	Alkalinity, Total as CaCO3	88.1	mg/L	5.0	02/20/26 22:32	
SM 2540C-2020	Total Dissolved Solids	241	mg/L	25.0	02/12/26 20:28	
EPA 300.0 Rev 2.1 1993	Chloride	0.82J	mg/L	1.0	02/13/26 05:20	
EPA 300.0 Rev 2.1 1993	Fluoride	0.068J	mg/L	0.10	02/13/26 05:20	
EPA 300.0 Rev 2.1 1993	Sulfate	79.8	mg/L	1.0	02/13/26 05:20	
EPA 6020B	Barium	0.071	mg/L	0.0050	03/03/26 15:34	
EPA 6020B	Boron	0.017J	mg/L	0.040	03/05/26 19:39	
EPA 6020B	Calcium	40.7	mg/L	0.40	03/03/26 15:34	
EPA 6020B	Cobalt	0.00043J	mg/L	0.0050	03/03/26 15:34	
EPA 6020B	Magnesium	14.0	mg/L	0.050	03/03/26 15:34	
EPA 6020B	Nickel	0.0024J	mg/L	0.0050	03/03/26 15:34	
EPA 6020B	Potassium	0.47	mg/L	0.40	03/03/26 15:34	
EPA 6020B	Sodium	7.4	mg/L	0.40	03/03/26 15:34	

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SUMMARY OF DETECTION

Project: Hammond-Huffaker-Parcels ABE
Pace Project No.: 92843245

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92843245014	**HAM-GWC-9**					
EPA 6020B	Zinc	0.0020J	mg/L	0.010	03/03/26 15:34	
92843245015	**HAM-GWC-18**					
SM 2320B-2021	Alkalinity,Bicarbonate (CaCO3)	169	mg/L	5.0	02/19/26 18:18	
SM 2320B-2021	Alkalinity, Total as CaCO3	169	mg/L	5.0	02/19/26 18:18	
SM 2540C-2020	Total Dissolved Solids	187	mg/L	25.0	02/15/26 15:44	
EPA 300.0 Rev 2.1 1993	Chloride	0.88J	mg/L	1.0	02/13/26 05:35	
EPA 300.0 Rev 2.1 1993	Fluoride	0.095J	mg/L	0.10	02/13/26 05:35	
EPA 300.0 Rev 2.1 1993	Sulfate	7.5	mg/L	1.0	02/13/26 05:35	
EPA 6020B	Barium	0.087	mg/L	0.0050	03/03/26 15:40	
EPA 6020B	Boron	0.15	mg/L	0.040	03/05/26 19:49	
EPA 6020B	Calcium	38.5	mg/L	0.40	03/03/26 15:40	
EPA 6020B	Chromium	0.00030J	mg/L	0.0050	03/03/26 15:40	
EPA 6020B	Cobalt	0.00021J	mg/L	0.0050	03/03/26 15:40	
EPA 6020B	Magnesium	13.7	mg/L	0.050	03/03/26 15:40	
EPA 6020B	Potassium	0.52	mg/L	0.40	03/03/26 15:40	
EPA 6020B	Sodium	12.5	mg/L	0.40	03/03/26 15:40	
92843245016	**HAM-GWC-20**					
SM 2320B-2021	Alkalinity,Bicarbonate (CaCO3)	169	mg/L	5.0	02/20/26 21:55	
SM 2320B-2021	Alkalinity, Total as CaCO3	169	mg/L	5.0	02/20/26 21:55	
SM 2540C-2020	Total Dissolved Solids	294	mg/L	25.0	02/12/26 20:28	
EPA 300.0 Rev 2.1 1993	Chloride	1.5	mg/L	1.0	02/12/26 23:43	
EPA 300.0 Rev 2.1 1993	Fluoride	0.087J	mg/L	0.10	02/12/26 23:43	
EPA 300.0 Rev 2.1 1993	Sulfate	69.6	mg/L	1.0	02/12/26 23:43	M1
EPA 6020B	Barium	0.15	mg/L	0.0050	03/03/26 15:47	
EPA 6020B	Boron	0.018J	mg/L	0.040	03/05/26 19:58	
EPA 6020B	Calcium	72.1	mg/L	2.0	03/03/26 15:50	
EPA 6020B	Cobalt	0.00036J	mg/L	0.0050	03/03/26 15:47	
EPA 6020B	Magnesium	14.1	mg/L	0.050	03/03/26 15:47	
EPA 6020B	Potassium	0.35J	mg/L	0.40	03/03/26 15:47	
EPA 6020B	Sodium	5.0	mg/L	0.40	03/03/26 15:47	
92843245017	**HAM-GWC-21**					
SM 2320B-2021	Alkalinity,Bicarbonate (CaCO3)	74.0	mg/L	5.0	02/20/26 21:37	
SM 2320B-2021	Alkalinity, Total as CaCO3	74.0	mg/L	5.0	02/20/26 21:37	
SM 2540C-2020	Total Dissolved Solids	140	mg/L	25.0	02/12/26 20:28	
EPA 300.0 Rev 2.1 1993	Chloride	10.4	mg/L	1.0	02/13/26 06:20	
EPA 300.0 Rev 2.1 1993	Sulfate	22.6	mg/L	1.0	02/13/26 06:20	
EPA 6020B	Barium	0.063	mg/L	0.0050	03/03/26 15:59	
EPA 6020B	Boron	0.021J	mg/L	0.040	03/05/26 20:07	
EPA 6020B	Calcium	33.8	mg/L	0.40	03/03/26 15:59	
EPA 6020B	Cobalt	0.0018J	mg/L	0.0050	03/03/26 15:59	
EPA 6020B	Magnesium	6.5	mg/L	0.050	03/03/26 15:59	
EPA 6020B	Nickel	0.0045J	mg/L	0.0050	03/03/26 15:59	
EPA 6020B	Potassium	0.70	mg/L	0.40	03/03/26 15:59	
EPA 6020B	Sodium	4.1	mg/L	0.40	03/03/26 15:59	
EPA 6020B	Zinc	0.0041J	mg/L	0.010	03/03/26 15:59	

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SUMMARY OF DETECTION

Project: Hammond-Huffaker-Parcels ABE
Pace Project No.: 92843245

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92843245018	**HAM-GWC-22**					
SM 2320B-2021	Alkalinity,Bicarbonate (CaCO3)	188	mg/L	5.0	02/20/26 21:21	
SM 2320B-2021	Alkalinity, Total as CaCO3	188	mg/L	5.0	02/20/26 21:21	
SM 2540C-2020	Total Dissolved Solids	212	mg/L	25.0	02/12/26 20:28	
EPA 300.0 Rev 2.1 1993	Chloride	1.1	mg/L	1.0	02/13/26 06:35	
EPA 300.0 Rev 2.1 1993	Fluoride	0.061J	mg/L	0.10	02/13/26 06:35	
EPA 300.0 Rev 2.1 1993	Sulfate	7.4	mg/L	1.0	02/13/26 06:35	
EPA 6020B	Barium	0.092	mg/L	0.0050	03/03/26 16:02	
EPA 6020B	Boron	0.071	mg/L	0.040	03/05/26 20:16	
EPA 6020B	Calcium	46.5	mg/L	0.40	03/03/26 16:02	
EPA 6020B	Magnesium	10.8	mg/L	0.050	03/03/26 16:02	
EPA 6020B	Potassium	0.36J	mg/L	0.40	03/03/26 16:02	
EPA 6020B	Sodium	10.6	mg/L	0.40	03/03/26 16:02	
92843245019	**HAM-GWC-23**					
SM 2320B-2021	Alkalinity,Bicarbonate (CaCO3)	150	mg/L	5.0	02/20/26 21:14	
SM 2320B-2021	Alkalinity, Total as CaCO3	150	mg/L	5.0	02/20/26 21:14	
SM 2540C-2020	Total Dissolved Solids	176	mg/L	25.0	02/12/26 20:28	
EPA 300.0 Rev 2.1 1993	Chloride	1.1	mg/L	1.0	02/13/26 07:20	
EPA 300.0 Rev 2.1 1993	Fluoride	0.075J	mg/L	0.10	02/13/26 07:20	
EPA 300.0 Rev 2.1 1993	Sulfate	5.5	mg/L	1.0	02/13/26 07:20	
EPA 6020B	Barium	0.065	mg/L	0.0050	02/27/26 19:45	
EPA 6020B	Boron	0.020J	mg/L	0.040	02/27/26 19:45	
EPA 6020B	Calcium	43.3	mg/L	2.0	03/02/26 16:25	M1
EPA 6020B	Chromium	0.00035J	mg/L	0.0050	02/27/26 19:45	
EPA 6020B	Cobalt	0.00014J	mg/L	0.0050	02/27/26 19:45	
EPA 6020B	Magnesium	10.4	mg/L	0.050	02/27/26 19:45	M1
EPA 6020B	Potassium	0.63	mg/L	0.40	02/27/26 19:45	
EPA 6020B	Sodium	4.9	mg/L	0.40	02/27/26 19:45	
EPA 6020B	Zinc	0.0015J	mg/L	0.010	02/27/26 19:45	
92843245020	**HAM-HLF-ABE-FD-01**					
SM 2320B-2021	Alkalinity,Bicarbonate (CaCO3)	160	mg/L	5.0	02/20/26 21:04	
SM 2320B-2021	Alkalinity, Total as CaCO3	160	mg/L	5.0	02/20/26 21:04	
SM 2540C-2020	Total Dissolved Solids	336	mg/L	25.0	02/12/26 20:28	
EPA 300.0 Rev 2.1 1993	Chloride	1.6	mg/L	1.0	02/13/26 07:35	
EPA 300.0 Rev 2.1 1993	Fluoride	0.053J	mg/L	0.10	02/13/26 07:35	
EPA 300.0 Rev 2.1 1993	Sulfate	94.2	mg/L	1.0	02/13/26 07:35	
EPA 6020B	Barium	0.13	mg/L	0.0050	02/27/26 21:09	
EPA 6020B	Boron	0.041	mg/L	0.040	02/27/26 21:09	
EPA 6020B	Calcium	73.0	mg/L	2.0	03/02/26 16:47	
EPA 6020B	Zinc	0.0019J	mg/L	0.010	02/27/26 21:09	
92843245021	**HAM-HLF-ABE-FD-02**					
SM 2320B-2021	Alkalinity,Bicarbonate (CaCO3)	88.6	mg/L	5.0	02/20/26 20:56	
SM 2320B-2021	Alkalinity, Total as CaCO3	88.6	mg/L	5.0	02/20/26 20:56	
SM 2540C-2020	Total Dissolved Solids	239	mg/L	25.0	02/12/26 20:28	
EPA 300.0 Rev 2.1 1993	Chloride	0.83J	mg/L	1.0	02/13/26 07:50	
EPA 300.0 Rev 2.1 1993	Fluoride	0.068J	mg/L	0.10	02/13/26 07:50	
EPA 300.0 Rev 2.1 1993	Sulfate	80.6	mg/L	1.0	02/13/26 07:50	

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SUMMARY OF DETECTION

Project: Hammond-Huffaker-Parcels ABE
Pace Project No.: 92843245

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92843245021	**HAM-HLF-ABE-FD-02**					
EPA 6020B	Barium	0.071	mg/L	0.0050	02/27/26 21:18	
EPA 6020B	Boron	0.017J	mg/L	0.040	02/27/26 21:18	
EPA 6020B	Calcium	44.9	mg/L	2.0	03/02/26 16:50	
EPA 6020B	Chromium	0.00029J	mg/L	0.0050	02/27/26 21:18	
EPA 6020B	Cobalt	0.00047J	mg/L	0.0050	02/27/26 21:18	
EPA 6020B	Nickel	0.0026J	mg/L	0.0050	02/27/26 21:18	

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ANALYTICAL RESULTS

Project: Hammond-Huffaker-Parcels ABE
Pace Project No.: 92843245

Sample: HAM-GWA-1 **Lab ID: 92843245001** Collected: 02/08/26 10:32 Received: 02/09/26 17:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2021								
	Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**72.7**	mg/L	5.0	5.0	1		02/20/26 17:01		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/20/26 17:01		
Alkalinity, Total as CaCO3	**72.7**	mg/L	5.0	5.0	1		02/20/26 17:01		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020								
	Pace Analytical Services - Asheville								
Total Dissolved Solids	**105**	mg/L	25.0	25.0	1		02/12/26 04:53		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993								
	Pace Analytical Services - Asheville								
Chloride	**1.2**	mg/L	1.0	0.60	1		02/11/26 17:44	16887-00-6	
Fluoride	**0.10**	mg/L	0.10	0.050	1		02/11/26 17:44	16984-48-8	
Sulfate	**3.7**	mg/L	1.0	0.50	1		02/11/26 17:44	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A								
	Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/12/26 11:28	02/25/26 14:47	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	02/12/26 11:28	02/25/26 14:47	7440-38-2	
Barium	**0.040**	mg/L	0.0050	0.00056	1	02/12/26 11:28	02/25/26 14:47	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/12/26 11:28	02/25/26 14:47	7440-41-7	
Boron	**0.019J**	mg/L	0.040	0.0073	1	02/12/26 11:28	02/25/26 14:47	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/12/26 11:28	02/25/26 14:47	7440-43-9	
Calcium	**15.2**	mg/L	0.40	0.10	1	02/12/26 11:28	02/25/26 14:47	7440-70-2	
Chromium	**0.00027J**	mg/L	0.0050	0.00024	1	02/12/26 11:28	02/25/26 14:47	7440-47-3	
Cobalt	**0.00062J**	mg/L	0.0050	0.00012	1	02/12/26 11:28	02/25/26 14:47	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	02/12/26 11:28	02/25/26 14:47	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	02/12/26 11:28	02/25/26 14:47	7439-92-1	
Magnesium	**6.2**	mg/L	0.050	0.024	1	02/12/26 11:28	02/25/26 14:47	7439-95-4	
Nickel	ND	mg/L	0.0050	0.00092	1	02/12/26 11:28	02/25/26 14:47	7440-02-0	
Potassium	**0.39J**	mg/L	0.40	0.13	1	02/12/26 11:28	02/25/26 14:47	7440-09-7	
Selenium	ND	mg/L	0.0050	0.00050	1	02/12/26 11:28	02/25/26 14:47	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	02/12/26 11:28	02/25/26 14:47	7440-22-4	
Sodium	**4.0**	mg/L	0.40	0.083	1	02/12/26 11:28	02/25/26 14:47	7440-23-5	
Thallium	ND	mg/L	0.00050	0.00017	1	02/12/26 11:28	02/25/26 14:47	7440-28-0	CU
Vanadium	ND	mg/L	0.0050	0.0011	1	02/12/26 11:28	02/25/26 14:47	7440-62-2	
Zinc	ND	mg/L	0.010	0.0014	1	02/12/26 11:28	02/25/26 14:47	7440-66-6	

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ANALYTICAL RESULTS

Project: Hammond-Huffaker-Parcels ABE
Pace Project No.: 92843245

Sample: HAM-GWA-2 **Lab ID: 92843245002** Collected: 02/08/26 10:45 Received: 02/09/26 17:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2021								
	Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**235**	mg/L	5.0	5.0	1		02/20/26 16:33		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/20/26 16:33		
Alkalinity, Total as CaCO3	**235**	mg/L	5.0	5.0	1		02/20/26 16:33		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020								
	Pace Analytical Services - Asheville								
Total Dissolved Solids	**281**	mg/L	25.0	25.0	1		02/12/26 04:53		
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		02/11/26 18:00	16887-00-6	
Fluoride	**0.094J**	mg/L	0.10	0.050	1		02/11/26 18:00	16984-48-8	
Sulfate	**34.6**	mg/L	1.0	0.50	1		02/11/26 18:00	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A								
	Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/12/26 11:28	02/25/26 14:56	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	02/12/26 11:28	02/25/26 14:56	7440-38-2	
Barium	**0.21**	mg/L	0.0050	0.00056	1	02/12/26 11:28	02/25/26 14:56	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/12/26 11:28	02/25/26 14:56	7440-41-7	
Boron	**0.088**	mg/L	0.040	0.0073	1	02/12/26 11:28	02/25/26 14:56	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/12/26 11:28	02/25/26 14:56	7440-43-9	
Calcium	**55.5**	mg/L	2.0	0.50	5	02/12/26 11:28	02/25/26 15:05	7440-70-2	
Chromium	ND	mg/L	0.0050	0.00024	1	02/12/26 11:28	02/25/26 14:56	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00012	1	02/12/26 11:28	02/25/26 14:56	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	02/12/26 11:28	02/25/26 14:56	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	02/12/26 11:28	02/25/26 14:56	7439-92-1	
Magnesium	**21.8**	mg/L	0.050	0.024	1	02/12/26 11:28	02/25/26 14:56	7439-95-4	
Nickel	ND	mg/L	0.0050	0.00092	1	02/12/26 11:28	02/25/26 14:56	7440-02-0	
Potassium	**0.65**	mg/L	0.40	0.13	1	02/12/26 11:28	02/25/26 14:56	7440-09-7	
Selenium	ND	mg/L	0.0050	0.00050	1	02/12/26 11:28	02/25/26 14:56	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	02/12/26 11:28	02/25/26 14:56	7440-22-4	
Sodium	**12.1**	mg/L	0.40	0.083	1	02/12/26 11:28	02/25/26 14:56	7440-23-5	
Thallium	ND	mg/L	0.00050	0.00017	1	02/12/26 11:28	02/25/26 14:56	7440-28-0	CU
Vanadium	ND	mg/L	0.0050	0.0011	1	02/12/26 11:28	02/25/26 14:56	7440-62-2	
Zinc	ND	mg/L	0.010	0.0014	1	02/12/26 11:28	02/25/26 14:56	7440-66-6	

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ANALYTICAL RESULTS

Project: Hammond-Huffaker-Parcels ABE
Pace Project No.: 92843245

Sample: HAM-GWA-3 **Lab ID: 92843245003** Collected: 02/08/26 13:16 Received: 02/09/26 17:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2021								
	Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**240**	mg/L	5.0	5.0	1		02/20/26 16:25		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/20/26 16:25		
Alkalinity, Total as CaCO3	**240**	mg/L	5.0	5.0	1		02/20/26 16:25		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020								
	Pace Analytical Services - Asheville								
Total Dissolved Solids	**348**	mg/L	25.0	25.0	1		02/12/26 04:53		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993								
	Pace Analytical Services - Asheville								
Chloride	**1.1**	mg/L	1.0	0.60	1		02/11/26 18:16	16887-00-6	
Fluoride	**0.11**	mg/L	0.10	0.050	1		02/11/26 18:16	16984-48-8	
Sulfate	**89.0**	mg/L	1.0	0.50	1		02/11/26 18:16	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A								
	Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/12/26 11:28	02/25/26 15:33	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	02/12/26 11:28	02/25/26 15:33	7440-38-2	
Barium	**0.075**	mg/L	0.0050	0.00056	1	02/12/26 11:28	02/25/26 15:33	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/12/26 11:28	02/25/26 15:33	7440-41-7	
Boron	**0.10**	mg/L	0.040	0.0073	1	02/12/26 11:28	02/25/26 15:33	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/12/26 11:28	02/25/26 15:33	7440-43-9	
Calcium	**67.4**	mg/L	2.0	0.50	5	02/12/26 11:28	02/27/26 01:34	7440-70-2	1g
Chromium	**0.00028J**	mg/L	0.0050	0.00024	1	02/12/26 11:28	02/25/26 15:33	7440-47-3	
Cobalt	**0.00034J**	mg/L	0.0050	0.00012	1	02/12/26 11:28	02/25/26 15:33	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	02/12/26 11:28	02/25/26 15:33	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	02/12/26 11:28	02/25/26 15:33	7439-92-1	
Magnesium	**28.3**	mg/L	0.25	0.12	5	02/12/26 11:28	02/25/26 15:42	7439-95-4	
Nickel	**0.0011J**	mg/L	0.0050	0.00092	1	02/12/26 11:28	02/25/26 15:33	7440-02-0	
Potassium	**0.72**	mg/L	0.40	0.13	1	02/12/26 11:28	02/25/26 15:33	7440-09-7	
Selenium	ND	mg/L	0.0050	0.00050	1	02/12/26 11:28	02/25/26 15:33	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	02/12/26 11:28	02/25/26 15:33	7440-22-4	
Sodium	**19.5**	mg/L	0.40	0.083	1	02/12/26 11:28	02/25/26 15:33	7440-23-5	
Thallium	ND	mg/L	0.00050	0.00017	1	02/12/26 11:28	02/25/26 15:33	7440-28-0	CU
Vanadium	ND	mg/L	0.0050	0.0011	1	02/12/26 11:28	02/25/26 15:33	7440-62-2	
Zinc	**0.0023J**	mg/L	0.010	0.0014	1	02/12/26 11:28	02/25/26 15:33	7440-66-6	

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ANALYTICAL RESULTS

Project: Hammond-Huffaker-Parcels ABE
Pace Project No.: 92843245

Sample: HAM-GWA-4 **Lab ID: 92843245004** Collected: 02/07/26 15:38 Received: 02/09/26 17:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2021								
	Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**244**	mg/L	5.0	5.0	1		02/20/26 15:07		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/20/26 15:07		
Alkalinity, Total as CaCO3	**244**	mg/L	5.0	5.0	1		02/20/26 15:07		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020								
	Pace Analytical Services - Asheville								
Total Dissolved Solids	**533**	mg/L	25.0	25.0	1		02/12/26 04:53		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993								
	Pace Analytical Services - Asheville								
Chloride	**4.3**	mg/L	1.0	0.60	1		02/11/26 18:31	16887-00-6	
Fluoride	**0.10**	mg/L	0.10	0.050	1		02/11/26 18:31	16984-48-8	
Sulfate	**177**	mg/L	4.0	2.0	4		02/12/26 04:01	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A								
	Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/12/26 11:28	02/25/26 15:51	7440-36-0	
Arsenic	**0.00046J**	mg/L	0.0020	0.00041	1	02/12/26 11:28	02/25/26 15:51	7440-38-2	
Barium	**0.057**	mg/L	0.0050	0.00056	1	02/12/26 11:28	02/25/26 15:51	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/12/26 11:28	02/25/26 15:51	7440-41-7	
Boron	**0.081**	mg/L	0.040	0.0073	1	02/12/26 11:28	02/25/26 15:51	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/12/26 11:28	02/25/26 15:51	7440-43-9	
Calcium	**110**	mg/L	2.0	0.50	5	02/12/26 11:28	02/27/26 01:44	7440-70-2	1g
Chromium	**0.00038J**	mg/L	0.0050	0.00024	1	02/12/26 11:28	02/25/26 15:51	7440-47-3	
Cobalt	**0.00057J**	mg/L	0.0050	0.00012	1	02/12/26 11:28	02/25/26 15:51	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	02/12/26 11:28	02/25/26 15:51	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	02/12/26 11:28	02/25/26 15:51	7439-92-1	
Magnesium	**43.0**	mg/L	0.25	0.12	5	02/12/26 11:28	02/25/26 16:01	7439-95-4	
Nickel	**0.0011J**	mg/L	0.0050	0.00092	1	02/12/26 11:28	02/25/26 15:51	7440-02-0	
Potassium	**1.5**	mg/L	0.40	0.13	1	02/12/26 11:28	02/25/26 15:51	7440-09-7	
Selenium	ND	mg/L	0.0050	0.00050	1	02/12/26 11:28	02/25/26 15:51	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	02/12/26 11:28	02/25/26 15:51	7440-22-4	
Sodium	**15.5**	mg/L	0.40	0.083	1	02/12/26 11:28	02/25/26 15:51	7440-23-5	
Thallium	ND	mg/L	0.00050	0.00017	1	02/12/26 11:28	02/25/26 15:51	7440-28-0	CU
Vanadium	ND	mg/L	0.0050	0.0011	1	02/12/26 11:28	02/25/26 15:51	7440-62-2	
Zinc	**0.0024J**	mg/L	0.010	0.0014	1	02/12/26 11:28	02/25/26 15:51	7440-66-6	

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ANALYTICAL RESULTS

Project: Hammond-Huffaker-Parcels ABE
Pace Project No.: 92843245

Sample: HAM-GWA-11 **Lab ID: 92843245005** Collected: 02/08/26 13:06 Received: 02/09/26 17:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2021								
	Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**85.5**	mg/L	5.0	5.0	1		02/20/26 16:09		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/20/26 16:09		
Alkalinity, Total as CaCO3	**85.5**	mg/L	5.0	5.0	1		02/20/26 16:09		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020								
	Pace Analytical Services - Asheville								
Total Dissolved Solids	**131**	mg/L	25.0	25.0	1		02/12/26 04:53		
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		02/11/26 18:47	16887-00-6	
Fluoride	**0.079J**	mg/L	0.10	0.050	1		02/11/26 18:47	16984-48-8	
Sulfate	**9.2**	mg/L	1.0	0.50	1		02/11/26 18:47	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A								
	Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/12/26 11:28	02/25/26 16:10	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	02/12/26 11:28	02/25/26 16:10	7440-38-2	
Barium	**0.032**	mg/L	0.0050	0.00056	1	02/12/26 11:28	02/25/26 16:10	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/12/26 11:28	02/25/26 16:10	7440-41-7	
Boron	**0.036J**	mg/L	0.040	0.0073	1	02/12/26 11:28	02/25/26 16:10	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/12/26 11:28	02/25/26 16:10	7440-43-9	
Calcium	**21.1**	mg/L	0.40	0.10	1	02/12/26 11:28	02/27/26 01:53	7440-70-2	1g
Chromium	ND	mg/L	0.0050	0.00024	1	02/12/26 11:28	02/25/26 16:10	7440-47-3	
Cobalt	**0.00069J**	mg/L	0.0050	0.00012	1	02/12/26 11:28	02/25/26 16:10	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	02/12/26 11:28	02/25/26 16:10	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	02/12/26 11:28	02/25/26 16:10	7439-92-1	
Magnesium	**6.1**	mg/L	0.050	0.024	1	02/12/26 11:28	02/25/26 16:10	7439-95-4	
Nickel	**0.0023J**	mg/L	0.0050	0.00092	1	02/12/26 11:28	02/25/26 16:10	7440-02-0	
Potassium	**0.34J**	mg/L	0.40	0.13	1	02/12/26 11:28	02/25/26 16:10	7440-09-7	
Selenium	ND	mg/L	0.0050	0.00050	1	02/12/26 11:28	02/25/26 16:10	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	02/12/26 11:28	02/25/26 16:10	7440-22-4	
Sodium	**7.3**	mg/L	0.40	0.083	1	02/12/26 11:28	02/25/26 16:10	7440-23-5	
Thallium	ND	mg/L	0.00050	0.00017	1	02/12/26 11:28	02/25/26 16:10	7440-28-0	CU
Vanadium	ND	mg/L	0.0050	0.0011	1	02/12/26 11:28	02/25/26 16:10	7440-62-2	
Zinc	ND	mg/L	0.010	0.0014	1	02/12/26 11:28	02/25/26 16:10	7440-66-6	

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ANALYTICAL RESULTS

Project: Hammond-Huffaker-Parcels ABE
Pace Project No.: 92843245

Sample: HAM-GWC-5 **Lab ID: 92843245006** Collected: 02/08/26 17:19 Received: 02/09/26 17:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2021								
	Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**232**	mg/L	5.0	5.0	1		02/20/26 17:16		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/20/26 17:16		
Alkalinity, Total as CaCO3	**232**	mg/L	5.0	5.0	1		02/20/26 17:16		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020								
	Pace Analytical Services - Asheville								
Total Dissolved Solids	**393**	mg/L	25.0	25.0	1		02/12/26 10:54		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993								
	Pace Analytical Services - Asheville								
Chloride	**2.4**	mg/L	1.0	0.60	1		02/11/26 19:03	16887-00-6	
Fluoride	**0.070J**	mg/L	0.10	0.050	1		02/11/26 19:03	16984-48-8	
Sulfate	**90.8**	mg/L	2.0	1.0	2		02/12/26 04:17	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A								
	Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/12/26 11:28	02/25/26 16:19	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	02/12/26 11:28	02/25/26 16:19	7440-38-2	
Barium	**0.068**	mg/L	0.0050	0.00056	1	02/12/26 11:28	02/25/26 16:19	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/12/26 11:28	02/25/26 16:19	7440-41-7	
Boron	**0.048**	mg/L	0.040	0.0073	1	02/12/26 11:28	02/25/26 16:19	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/12/26 11:28	02/25/26 16:19	7440-43-9	
Calcium	**85.5**	mg/L	2.0	0.50	5	02/12/26 11:28	02/27/26 02:02	7440-70-2	1g
Chromium	ND	mg/L	0.0050	0.00024	1	02/12/26 11:28	02/25/26 16:19	7440-47-3	
Cobalt	**0.00037J**	mg/L	0.0050	0.00012	1	02/12/26 11:28	02/25/26 16:19	7440-48-4	
Copper	**0.00094J**	mg/L	0.0050	0.00069	1	02/12/26 11:28	02/25/26 16:19	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	02/12/26 11:28	02/25/26 16:19	7439-92-1	
Magnesium	**24.2**	mg/L	0.050	0.024	1	02/12/26 11:28	02/25/26 16:19	7439-95-4	
Nickel	**0.00098J**	mg/L	0.0050	0.00092	1	02/12/26 11:28	02/25/26 16:19	7440-02-0	
Potassium	**0.78**	mg/L	0.40	0.13	1	02/12/26 11:28	02/25/26 16:19	7440-09-7	
Selenium	ND	mg/L	0.0050	0.00050	1	02/12/26 11:28	02/25/26 16:19	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	02/12/26 11:28	02/25/26 16:19	7440-22-4	
Sodium	**12.6**	mg/L	0.40	0.083	1	02/12/26 11:28	02/25/26 16:19	7440-23-5	
Thallium	ND	mg/L	0.00050	0.00017	1	02/12/26 11:28	02/25/26 16:19	7440-28-0	CU
Vanadium	ND	mg/L	0.0050	0.0011	1	02/12/26 11:28	02/25/26 16:19	7440-62-2	
Zinc	**0.0029J**	mg/L	0.010	0.0014	1	02/12/26 11:28	02/25/26 16:19	7440-66-6	

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ANALYTICAL RESULTS

Project: Hammond-Huffaker-Parcels ABE
Pace Project No.: 92843245

Sample: HAM-GWC-10 **Lab ID: 92843245007** Collected: 02/08/26 16:59 Received: 02/09/26 17:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2021								
	Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**167**	mg/L	5.0	5.0	1		02/20/26 15:49		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/20/26 15:49		
Alkalinity, Total as CaCO3	**167**	mg/L	5.0	5.0	1		02/20/26 15:49		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020								
	Pace Analytical Services - Asheville								
Total Dissolved Solids	**183**	mg/L	25.0	25.0	1		02/12/26 10:54		
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		02/11/26 19:19	16887-00-6	
Fluoride	**0.097J**	mg/L	0.10	0.050	1		02/11/26 19:19	16984-48-8	
Sulfate	**9.3**	mg/L	1.0	0.50	1		02/11/26 19:19	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A								
	Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/12/26 11:28	02/25/26 16:38	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	02/12/26 11:28	02/25/26 16:38	7440-38-2	
Barium	**0.15**	mg/L	0.0050	0.00056	1	02/12/26 11:28	02/25/26 16:38	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/12/26 11:28	02/25/26 16:38	7440-41-7	
Boron	**0.039J**	mg/L	0.040	0.0073	1	02/12/26 11:28	02/25/26 16:38	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/12/26 11:28	02/25/26 16:38	7440-43-9	
Calcium	**48.6**	mg/L	2.0	0.50	5	02/12/26 11:28	02/27/26 02:11	7440-70-2	1g
Chromium	ND	mg/L	0.0050	0.00024	1	02/12/26 11:28	02/25/26 16:38	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00012	1	02/12/26 11:28	02/25/26 16:38	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	02/12/26 11:28	02/25/26 16:38	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	02/12/26 11:28	02/25/26 16:38	7439-92-1	
Magnesium	**10.0**	mg/L	0.050	0.024	1	02/12/26 11:28	02/25/26 16:38	7439-95-4	
Nickel	ND	mg/L	0.0050	0.00092	1	02/12/26 11:28	02/25/26 16:38	7440-02-0	
Potassium	**0.42**	mg/L	0.40	0.13	1	02/12/26 11:28	02/25/26 16:38	7440-09-7	
Selenium	ND	mg/L	0.0050	0.00050	1	02/12/26 11:28	02/25/26 16:38	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	02/12/26 11:28	02/25/26 16:38	7440-22-4	
Sodium	**7.5**	mg/L	0.40	0.083	1	02/12/26 11:28	02/25/26 16:38	7440-23-5	
Thallium	ND	mg/L	0.00050	0.00017	1	02/12/26 11:28	02/25/26 16:38	7440-28-0	CU
Vanadium	ND	mg/L	0.0050	0.0011	1	02/12/26 11:28	02/25/26 16:38	7440-62-2	
Zinc	ND	mg/L	0.010	0.0014	1	02/12/26 11:28	02/25/26 16:38	7440-66-6	

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ANALYTICAL RESULTS

Project: Hammond-Huffaker-Parcels ABE
Pace Project No.: 92843245

Sample: HAM-HLF-ABE-GWC-19 **Lab ID: 92843245008** Collected: 02/08/26 15:37 Received: 02/09/26 17:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2021								
	Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**199**	mg/L	5.0	5.0	1		02/20/26 15:34		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/20/26 15:34		
Alkalinity, Total as CaCO3	**199**	mg/L	5.0	5.0	1		02/20/26 15:34		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020								
	Pace Analytical Services - Asheville								
Total Dissolved Solids	**257**	mg/L	25.0	25.0	1		02/12/26 10:55		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993								
	Pace Analytical Services - Asheville								
Chloride	**1.2**	mg/L	1.0	0.60	1		02/11/26 01:57	16887-00-6	
Fluoride	**0.096J**	mg/L	0.10	0.050	1		02/11/26 01:57	16984-48-8	
Sulfate	**29.1**	mg/L	1.0	0.50	1		02/11/26 01:57	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A								
	Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/12/26 11:28	02/25/26 17:24	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	02/12/26 11:28	02/25/26 17:24	7440-38-2	
Barium	**0.16**	mg/L	0.0050	0.00056	1	02/12/26 11:28	02/25/26 17:24	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/12/26 11:28	02/25/26 17:24	7440-41-7	
Boron	**0.16**	mg/L	0.040	0.0073	1	02/12/26 11:28	02/25/26 17:24	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/12/26 11:28	02/25/26 17:24	7440-43-9	
Calcium	**52.1**	mg/L	2.0	0.50	5	02/12/26 11:28	02/27/26 02:20	7440-70-2	1g
Chromium	ND	mg/L	0.0050	0.00024	1	02/12/26 11:28	02/25/26 17:24	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00012	1	02/12/26 11:28	02/25/26 17:24	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	02/12/26 11:28	02/25/26 17:24	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	02/12/26 11:28	02/25/26 17:24	7439-92-1	
Magnesium	**12.4**	mg/L	0.050	0.024	1	02/12/26 11:28	02/25/26 17:24	7439-95-4	
Nickel	ND	mg/L	0.0050	0.00092	1	02/12/26 11:28	02/25/26 17:24	7440-02-0	
Potassium	**0.43**	mg/L	0.40	0.13	1	02/12/26 11:28	02/25/26 17:24	7440-09-7	
Selenium	ND	mg/L	0.0050	0.00050	1	02/12/26 11:28	02/25/26 17:24	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	02/12/26 11:28	02/25/26 17:24	7440-22-4	
Sodium	**22.4**	mg/L	0.40	0.083	1	02/12/26 11:28	02/25/26 17:24	7440-23-5	
Thallium	ND	mg/L	0.00050	0.00017	1	02/12/26 11:28	02/25/26 17:24	7440-28-0	CU
Vanadium	ND	mg/L	0.0050	0.0011	1	02/12/26 11:28	02/25/26 17:24	7440-62-2	
Zinc	ND	mg/L	0.010	0.0014	1	02/12/26 11:28	02/25/26 17:24	7440-66-6	

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ANALYTICAL RESULTS

Project: Hammond-Huffaker-Parcels ABE
Pace Project No.: 92843245

Sample: HAM-HLF-ABE-EB-01 **Lab ID: 92843245009** Collected: 02/08/26 16:35 Received: 02/09/26 17:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2021								
	Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/20/26 15:45		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/20/26 15:45		
Alkalinity, Total as CaCO3	ND	mg/L	5.0	5.0	1		02/20/26 15:45		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020								
	Pace Analytical Services - Asheville								
Total Dissolved Solids	ND	mg/L	25.0	25.0	1		02/12/26 10:56		
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		02/11/26 01:12	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/11/26 01:12	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		02/11/26 01:12	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A								
	Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/12/26 11:28	02/25/26 17:33	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	02/12/26 11:28	02/25/26 17:33	7440-38-2	
Barium	ND	mg/L	0.0050	0.00056	1	02/12/26 11:28	02/25/26 17:33	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/12/26 11:28	02/25/26 17:33	7440-41-7	
Boron	ND	mg/L	0.040	0.0073	1	02/12/26 11:28	02/25/26 17:33	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/12/26 11:28	02/25/26 17:33	7440-43-9	
Calcium	ND	mg/L	0.40	0.10	1	02/12/26 11:28	02/27/26 02:30	7440-70-2	1g
Chromium	ND	mg/L	0.0050	0.00024	1	02/12/26 11:28	02/25/26 17:33	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00012	1	02/12/26 11:28	02/25/26 17:33	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	02/12/26 11:28	02/25/26 17:33	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	02/12/26 11:28	02/25/26 17:33	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00092	1	02/12/26 11:28	02/25/26 17:33	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	02/12/26 11:28	02/25/26 17:33	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	02/12/26 11:28	02/25/26 17:33	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	02/12/26 11:28	02/25/26 17:33	7440-28-0	CU
Vanadium	ND	mg/L	0.0050	0.0011	1	02/12/26 11:28	02/25/26 17:33	7440-62-2	
Zinc	**0.0019J**	mg/L	0.010	0.0014	1	02/12/26 11:28	02/25/26 17:33	7440-66-6	

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ANALYTICAL RESULTS

Project: Hammond-Huffaker-Parcels ABE
Pace Project No.: 92843245

Sample: HAM-HLF-ABE-FB-01 **Lab ID: 92843245010** Collected: 02/08/26 16:30 Received: 02/09/26 17:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2021								
	Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/20/26 16:40		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/20/26 16:40		
Alkalinity, Total as CaCO3	ND	mg/L	5.0	5.0	1		02/20/26 16:40		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020								
	Pace Analytical Services - Asheville								
Total Dissolved Solids	ND	mg/L	25.0	25.0	1		02/12/26 10:56		
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		02/11/26 01:27	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/11/26 01:27	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		02/11/26 01:27	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A								
	Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/12/26 11:28	02/25/26 17:42	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	02/12/26 11:28	02/25/26 17:42	7440-38-2	
Barium	ND	mg/L	0.0050	0.00056	1	02/12/26 11:28	02/25/26 17:42	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/12/26 11:28	02/25/26 17:42	7440-41-7	
Boron	ND	mg/L	0.040	0.0073	1	02/12/26 11:28	02/25/26 17:42	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/12/26 11:28	02/25/26 17:42	7440-43-9	
Calcium	ND	mg/L	0.40	0.10	1	02/12/26 11:28	02/27/26 02:39	7440-70-2	1g
Chromium	ND	mg/L	0.0050	0.00024	1	02/12/26 11:28	02/25/26 17:42	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00012	1	02/12/26 11:28	02/25/26 17:42	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	02/12/26 11:28	02/25/26 17:42	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	02/12/26 11:28	02/25/26 17:42	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00092	1	02/12/26 11:28	02/25/26 17:42	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	02/12/26 11:28	02/25/26 17:42	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	02/12/26 11:28	02/25/26 17:42	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	02/12/26 11:28	02/25/26 17:42	7440-28-0	CU
Vanadium	ND	mg/L	0.0050	0.0011	1	02/12/26 11:28	02/25/26 17:42	7440-62-2	
Zinc	ND	mg/L	0.010	0.0014	1	02/12/26 11:28	02/25/26 17:42	7440-66-6	

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ANALYTICAL RESULTS

Project: Hammond-Huffaker-Parcels ABE
Pace Project No.: 92843245

Sample: HAM-HLF-ABE-GWC-6 **Lab ID: 92843245011** Collected: 02/09/26 13:11 Received: 02/11/26 14:21 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2021								
	Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**159**	mg/L	5.0	5.0	1		02/20/26 23:00		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/20/26 23:00		
Alkalinity, Total as CaCO3	**159**	mg/L	5.0	5.0	1		02/20/26 23:00		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020								
	Pace Analytical Services - Asheville								
Total Dissolved Solids	**323**	mg/L	25.0	25.0	1		02/12/26 20:27		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993								
	Pace Analytical Services - Asheville								
Chloride	**1.7**	mg/L	1.0	0.60	1		02/13/26 04:36	16887-00-6	
Fluoride	**0.050J**	mg/L	0.10	0.050	1		02/13/26 04:36	16984-48-8	
Sulfate	**93.1**	mg/L	1.0	0.50	1		02/13/26 04:36	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A								
	Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/16/26 11:52	03/03/26 15:09	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	02/16/26 11:52	03/03/26 15:09	7440-38-2	
Barium	**0.14**	mg/L	0.0050	0.00056	1	02/16/26 11:52	03/03/26 15:09	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/16/26 11:52	03/05/26 18:53	7440-41-7	
Boron	**0.047**	mg/L	0.040	0.0073	1	02/16/26 11:52	03/05/26 18:53	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/16/26 11:52	03/03/26 15:09	7440-43-9	
Calcium	**71.0**	mg/L	2.0	0.50	5	02/16/26 11:52	03/03/26 15:12	7440-70-2	
Chromium	ND	mg/L	0.0050	0.00024	1	02/16/26 11:52	03/03/26 15:09	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00012	1	02/16/26 11:52	03/03/26 15:09	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	02/16/26 11:52	03/03/26 15:09	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	02/16/26 11:52	03/03/26 15:09	7439-92-1	
Magnesium	**17.6**	mg/L	0.050	0.024	1	02/16/26 11:52	03/03/26 15:09	7439-95-4	
Nickel	ND	mg/L	0.0050	0.00092	1	02/16/26 11:52	03/03/26 15:09	7440-02-0	
Potassium	**0.59**	mg/L	0.40	0.13	1	02/16/26 11:52	03/03/26 15:09	7440-09-7	
Selenium	ND	mg/L	0.0050	0.00050	1	02/16/26 11:52	03/03/26 15:09	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	02/16/26 11:52	03/03/26 15:09	7440-22-4	
Sodium	**12.4**	mg/L	0.40	0.083	1	02/16/26 11:52	03/03/26 15:09	7440-23-5	
Thallium	ND	mg/L	0.00050	0.00017	1	02/16/26 11:52	03/03/26 15:09	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	02/16/26 11:52	03/03/26 15:09	7440-62-2	
Zinc	ND	mg/L	0.010	0.0014	1	02/16/26 11:52	03/03/26 15:09	7440-66-6	

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ANALYTICAL RESULTS

Project: Hammond-Huffaker-Parcels ABE
Pace Project No.: 92843245

Sample: HAM-GWC-7 **Lab ID: 92843245012** Collected: 02/09/26 10:35 Received: 02/11/26 14:21 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2021								
	Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/20/26 22:48		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/20/26 22:48		
Alkalinity, Total as CaCO3	ND	mg/L	5.0	5.0	1		02/20/26 22:48		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020								
	Pace Analytical Services - Asheville								
Total Dissolved Solids	**236**	mg/L	25.0	25.0	1		02/12/26 20:27		
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		02/13/26 04:50	16887-00-6	
Fluoride	**0.087J**	mg/L	0.10	0.050	1		02/13/26 04:50	16984-48-8	
Sulfate	**103**	mg/L	3.0	1.5	3		02/13/26 09:04	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A								
	Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/16/26 11:52	03/03/26 15:22	7440-36-0	
Arsenic	**0.0051**	mg/L	0.0020	0.00041	1	02/16/26 11:52	03/03/26 15:22	7440-38-2	
Barium	**0.038**	mg/L	0.0050	0.00056	1	02/16/26 11:52	03/03/26 15:22	7440-39-3	
Beryllium	**0.00036J**	mg/L	0.00040	0.00015	1	02/16/26 11:52	03/05/26 19:02	7440-41-7	
Boron	**0.030J**	mg/L	0.040	0.0073	1	02/16/26 11:52	03/05/26 19:02	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/16/26 11:52	03/03/26 15:22	7440-43-9	
Calcium	**18.2**	mg/L	0.40	0.10	1	02/16/26 11:52	03/03/26 15:22	7440-70-2	
Chromium	ND	mg/L	0.0050	0.00024	1	02/16/26 11:52	03/03/26 15:22	7440-47-3	
Cobalt	**0.020**	mg/L	0.0050	0.00012	1	02/16/26 11:52	03/03/26 15:22	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	02/16/26 11:52	03/03/26 15:22	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	02/16/26 11:52	03/03/26 15:22	7439-92-1	
Magnesium	**13.5**	mg/L	0.050	0.024	1	02/16/26 11:52	03/03/26 15:22	7439-95-4	
Nickel	**0.12**	mg/L	0.0050	0.00092	1	02/16/26 11:52	03/03/26 15:22	7440-02-0	
Potassium	**2.5**	mg/L	0.40	0.13	1	02/16/26 11:52	03/03/26 15:22	7440-09-7	
Selenium	ND	mg/L	0.0050	0.00050	1	02/16/26 11:52	03/03/26 15:22	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	02/16/26 11:52	03/03/26 15:22	7440-22-4	
Sodium	**6.0**	mg/L	0.40	0.083	1	02/16/26 11:52	03/03/26 15:22	7440-23-5	
Thallium	ND	mg/L	0.00050	0.00017	1	02/16/26 11:52	03/03/26 15:22	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	02/16/26 11:52	03/03/26 15:22	7440-62-2	
Zinc	**0.22**	mg/L	0.010	0.0014	1	02/16/26 11:52	03/03/26 15:22	7440-66-6	

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ANALYTICAL RESULTS

Project: Hammond-Huffaker-Parcels ABE
Pace Project No.: 92843245

Sample: HAM-HLF-ABE-GWC-8 **Lab ID: 92843245013** Collected: 02/09/26 11:45 Received: 02/11/26 14:21 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2021								
	Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**232**	mg/L	5.0	5.0	1		02/20/26 22:40		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/20/26 22:40		
Alkalinity, Total as CaCO3	**232**	mg/L	5.0	5.0	1		02/20/26 22:40		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020								
	Pace Analytical Services - Asheville								
Total Dissolved Solids	**289**	mg/L	25.0	25.0	1		02/12/26 20:27		
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		02/13/26 05:05	16887-00-6	
Fluoride	**0.11**	mg/L	0.10	0.050	1		02/13/26 05:05	16984-48-8	
Sulfate	**35.6**	mg/L	1.0	0.50	1		02/13/26 05:05	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A								
	Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/16/26 11:52	03/03/26 15:28	7440-36-0	
Arsenic	**0.0014J**	mg/L	0.0020	0.00041	1	02/16/26 11:52	03/03/26 15:28	7440-38-2	
Barium	**0.13**	mg/L	0.0050	0.00056	1	02/16/26 11:52	03/03/26 15:28	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/16/26 11:52	03/05/26 19:30	7440-41-7	
Boron	**0.042**	mg/L	0.040	0.0073	1	02/16/26 11:52	03/05/26 19:30	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/16/26 11:52	03/03/26 15:28	7440-43-9	
Calcium	**76.3**	mg/L	2.0	0.50	5	02/16/26 11:52	03/03/26 15:31	7440-70-2	
Chromium	ND	mg/L	0.0050	0.00024	1	02/16/26 11:52	03/03/26 15:28	7440-47-3	
Cobalt	**0.00058J**	mg/L	0.0050	0.00012	1	02/16/26 11:52	03/03/26 15:28	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	02/16/26 11:52	03/03/26 15:28	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	02/16/26 11:52	03/03/26 15:28	7439-92-1	
Magnesium	**12.9**	mg/L	0.050	0.024	1	02/16/26 11:52	03/03/26 15:28	7439-95-4	
Nickel	ND	mg/L	0.0050	0.00092	1	02/16/26 11:52	03/03/26 15:28	7440-02-0	
Potassium	**0.71**	mg/L	0.40	0.13	1	02/16/26 11:52	03/03/26 15:28	7440-09-7	
Selenium	ND	mg/L	0.0050	0.00050	1	02/16/26 11:52	03/03/26 15:28	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	02/16/26 11:52	03/03/26 15:28	7440-22-4	
Sodium	**10.7**	mg/L	0.40	0.083	1	02/16/26 11:52	03/03/26 15:28	7440-23-5	
Thallium	ND	mg/L	0.00050	0.00017	1	02/16/26 11:52	03/03/26 15:28	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	02/16/26 11:52	03/03/26 15:28	7440-62-2	
Zinc	**0.0017J**	mg/L	0.010	0.0014	1	02/16/26 11:52	03/03/26 15:28	7440-66-6	

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ANALYTICAL RESULTS

Project: Hammond-Huffaker-Parcels ABE
Pace Project No.: 92843245

Sample: HAM-GWC-9 **Lab ID: 92843245014** Collected: 02/09/26 12:25 Received: 02/11/26 14:21 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2021								
	Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**88.1**	mg/L	5.0	5.0	1		02/20/26 22:32		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/20/26 22:32		
Alkalinity, Total as CaCO3	**88.1**	mg/L	5.0	5.0	1		02/20/26 22:32		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020								
	Pace Analytical Services - Asheville								
Total Dissolved Solids	**241**	mg/L	25.0	25.0	1		02/12/26 20:28		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993								
	Pace Analytical Services - Asheville								
Chloride	**0.82J**	mg/L	1.0	0.60	1		02/13/26 05:20	16887-00-6	
Fluoride	**0.068J**	mg/L	0.10	0.050	1		02/13/26 05:20	16984-48-8	
Sulfate	**79.8**	mg/L	1.0	0.50	1		02/13/26 05:20	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A								
	Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/16/26 11:52	03/03/26 15:34	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	02/16/26 11:52	03/03/26 15:34	7440-38-2	
Barium	**0.071**	mg/L	0.0050	0.00056	1	02/16/26 11:52	03/03/26 15:34	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/16/26 11:52	03/05/26 19:39	7440-41-7	
Boron	**0.017J**	mg/L	0.040	0.0073	1	02/16/26 11:52	03/05/26 19:39	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/16/26 11:52	03/03/26 15:34	7440-43-9	
Calcium	**40.7**	mg/L	0.40	0.10	1	02/16/26 11:52	03/03/26 15:34	7440-70-2	
Chromium	ND	mg/L	0.0050	0.00024	1	02/16/26 11:52	03/03/26 15:34	7440-47-3	
Cobalt	**0.00043J**	mg/L	0.0050	0.00012	1	02/16/26 11:52	03/03/26 15:34	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	02/16/26 11:52	03/03/26 15:34	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	02/16/26 11:52	03/03/26 15:34	7439-92-1	
Magnesium	**14.0**	mg/L	0.050	0.024	1	02/16/26 11:52	03/03/26 15:34	7439-95-4	
Nickel	**0.0024J**	mg/L	0.0050	0.00092	1	02/16/26 11:52	03/03/26 15:34	7440-02-0	
Potassium	**0.47**	mg/L	0.40	0.13	1	02/16/26 11:52	03/03/26 15:34	7440-09-7	
Selenium	ND	mg/L	0.0050	0.00050	1	02/16/26 11:52	03/03/26 15:34	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	02/16/26 11:52	03/03/26 15:34	7440-22-4	
Sodium	**7.4**	mg/L	0.40	0.083	1	02/16/26 11:52	03/03/26 15:34	7440-23-5	
Thallium	ND	mg/L	0.00050	0.00017	1	02/16/26 11:52	03/03/26 15:34	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	02/16/26 11:52	03/03/26 15:34	7440-62-2	
Zinc	**0.0020J**	mg/L	0.010	0.0014	1	02/16/26 11:52	03/03/26 15:34	7440-66-6	

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ANALYTICAL RESULTS

Project: Hammond-Huffaker-Parcels ABE
Pace Project No.: 92843245

Sample: HAM-GWC-18 **Lab ID: 92843245015** Collected: 02/10/26 13:05 Received: 02/11/26 14:21 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2021								
	Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**169**	mg/L	5.0	5.0	1		02/19/26 18:18		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/19/26 18:18		
Alkalinity, Total as CaCO3	**169**	mg/L	5.0	5.0	1		02/19/26 18:18		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020								
	Pace Analytical Services - Asheville								
Total Dissolved Solids	**187**	mg/L	25.0	25.0	1		02/15/26 15:44		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993								
	Pace Analytical Services - Asheville								
Chloride	**0.88J**	mg/L	1.0	0.60	1		02/13/26 05:35	16887-00-6	
Fluoride	**0.095J**	mg/L	0.10	0.050	1		02/13/26 05:35	16984-48-8	
Sulfate	**7.5**	mg/L	1.0	0.50	1		02/13/26 05:35	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A								
	Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/16/26 11:52	03/03/26 15:40	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	02/16/26 11:52	03/03/26 15:40	7440-38-2	
Barium	**0.087**	mg/L	0.0050	0.00056	1	02/16/26 11:52	03/03/26 15:40	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/16/26 11:52	03/05/26 19:49	7440-41-7	
Boron	**0.15**	mg/L	0.040	0.0073	1	02/16/26 11:52	03/05/26 19:49	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/16/26 11:52	03/03/26 15:40	7440-43-9	
Calcium	**38.5**	mg/L	0.40	0.10	1	02/16/26 11:52	03/03/26 15:40	7440-70-2	
Chromium	**0.00030J**	mg/L	0.0050	0.00024	1	02/16/26 11:52	03/03/26 15:40	7440-47-3	
Cobalt	**0.00021J**	mg/L	0.0050	0.00012	1	02/16/26 11:52	03/03/26 15:40	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	02/16/26 11:52	03/03/26 15:40	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	02/16/26 11:52	03/03/26 15:40	7439-92-1	
Magnesium	**13.7**	mg/L	0.050	0.024	1	02/16/26 11:52	03/03/26 15:40	7439-95-4	
Nickel	ND	mg/L	0.0050	0.00092	1	02/16/26 11:52	03/03/26 15:40	7440-02-0	
Potassium	**0.52**	mg/L	0.40	0.13	1	02/16/26 11:52	03/03/26 15:40	7440-09-7	
Selenium	ND	mg/L	0.0050	0.00050	1	02/16/26 11:52	03/03/26 15:40	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	02/16/26 11:52	03/03/26 15:40	7440-22-4	
Sodium	**12.5**	mg/L	0.40	0.083	1	02/16/26 11:52	03/03/26 15:40	7440-23-5	
Thallium	ND	mg/L	0.00050	0.00017	1	02/16/26 11:52	03/03/26 15:40	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	02/16/26 11:52	03/03/26 15:40	7440-62-2	
Zinc	ND	mg/L	0.010	0.0014	1	02/16/26 11:52	03/03/26 15:40	7440-66-6	

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ANALYTICAL RESULTS

Project: Hammond-Huffaker-Parcels ABE
Pace Project No.: 92843245

Sample: HAM-GWC-20 **Lab ID: 92843245016** Collected: 02/09/26 16:24 Received: 02/11/26 14:21 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2021								
	Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**169**	mg/L	5.0	5.0	1		02/20/26 21:55		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/20/26 21:55		
Alkalinity, Total as CaCO3	**169**	mg/L	5.0	5.0	1		02/20/26 21:55		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020								
	Pace Analytical Services - Asheville								
Total Dissolved Solids	**294**	mg/L	25.0	25.0	1		02/12/26 20:28		
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		02/12/26 23:43	16887-00-6	
Fluoride	**0.087J**	mg/L	0.10	0.050	1		02/12/26 23:43	16984-48-8	
Sulfate	**69.6**	mg/L	1.0	0.50	1		02/12/26 23:43	14808-79-8	M1
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A								
	Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/16/26 11:52	03/03/26 15:47	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	02/16/26 11:52	03/03/26 15:47	7440-38-2	
Barium	**0.15**	mg/L	0.0050	0.00056	1	02/16/26 11:52	03/03/26 15:47	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/16/26 11:52	03/05/26 19:58	7440-41-7	
Boron	**0.018J**	mg/L	0.040	0.0073	1	02/16/26 11:52	03/05/26 19:58	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/16/26 11:52	03/03/26 15:47	7440-43-9	
Calcium	**72.1**	mg/L	2.0	0.50	5	02/16/26 11:52	03/03/26 15:50	7440-70-2	
Chromium	ND	mg/L	0.0050	0.00024	1	02/16/26 11:52	03/03/26 15:47	7440-47-3	
Cobalt	**0.00036J**	mg/L	0.0050	0.00012	1	02/16/26 11:52	03/03/26 15:47	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	02/16/26 11:52	03/03/26 15:47	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	02/16/26 11:52	03/03/26 15:47	7439-92-1	
Magnesium	**14.1**	mg/L	0.050	0.024	1	02/16/26 11:52	03/03/26 15:47	7439-95-4	
Nickel	ND	mg/L	0.0050	0.00092	1	02/16/26 11:52	03/03/26 15:47	7440-02-0	
Potassium	**0.35J**	mg/L	0.40	0.13	1	02/16/26 11:52	03/03/26 15:47	7440-09-7	
Selenium	ND	mg/L	0.0050	0.00050	1	02/16/26 11:52	03/03/26 15:47	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	02/16/26 11:52	03/03/26 15:47	7440-22-4	
Sodium	**5.0**	mg/L	0.40	0.083	1	02/16/26 11:52	03/03/26 15:47	7440-23-5	
Thallium	ND	mg/L	0.00050	0.00017	1	02/16/26 11:52	03/03/26 15:47	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	02/16/26 11:52	03/03/26 15:47	7440-62-2	
Zinc	ND	mg/L	0.010	0.0014	1	02/16/26 11:52	03/03/26 15:47	7440-66-6	

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ANALYTICAL RESULTS

Project: Hammond-Huffaker-Parcels ABE
Pace Project No.: 92843245

Sample: HAM-GWC-21 **Lab ID: 92843245017** Collected: 02/09/26 11:25 Received: 02/11/26 14:21 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2021								
	Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**74.0**	mg/L	5.0	5.0	1		02/20/26 21:37		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/20/26 21:37		
Alkalinity, Total as CaCO3	**74.0**	mg/L	5.0	5.0	1		02/20/26 21:37		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020								
	Pace Analytical Services - Asheville								
Total Dissolved Solids	**140**	mg/L	25.0	25.0	1		02/12/26 20:28		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993								
	Pace Analytical Services - Asheville								
Chloride	**10.4**	mg/L	1.0	0.60	1		02/13/26 06:20	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/13/26 06:20	16984-48-8	
Sulfate	**22.6**	mg/L	1.0	0.50	1		02/13/26 06:20	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A								
	Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/16/26 11:52	03/03/26 15:59	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	02/16/26 11:52	03/03/26 15:59	7440-38-2	
Barium	**0.063**	mg/L	0.0050	0.00056	1	02/16/26 11:52	03/03/26 15:59	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/16/26 11:52	03/05/26 20:07	7440-41-7	
Boron	**0.021J**	mg/L	0.040	0.0073	1	02/16/26 11:52	03/05/26 20:07	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/16/26 11:52	03/03/26 15:59	7440-43-9	
Calcium	**33.8**	mg/L	0.40	0.10	1	02/16/26 11:52	03/03/26 15:59	7440-70-2	
Chromium	ND	mg/L	0.0050	0.00024	1	02/16/26 11:52	03/03/26 15:59	7440-47-3	
Cobalt	**0.0018J**	mg/L	0.0050	0.00012	1	02/16/26 11:52	03/03/26 15:59	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	02/16/26 11:52	03/03/26 15:59	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	02/16/26 11:52	03/03/26 15:59	7439-92-1	
Magnesium	**6.5**	mg/L	0.050	0.024	1	02/16/26 11:52	03/03/26 15:59	7439-95-4	
Nickel	**0.0045J**	mg/L	0.0050	0.00092	1	02/16/26 11:52	03/03/26 15:59	7440-02-0	
Potassium	**0.70**	mg/L	0.40	0.13	1	02/16/26 11:52	03/03/26 15:59	7440-09-7	
Selenium	ND	mg/L	0.0050	0.00050	1	02/16/26 11:52	03/03/26 15:59	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	02/16/26 11:52	03/03/26 15:59	7440-22-4	
Sodium	**4.1**	mg/L	0.40	0.083	1	02/16/26 11:52	03/03/26 15:59	7440-23-5	
Thallium	ND	mg/L	0.00050	0.00017	1	02/16/26 11:52	03/03/26 15:59	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	02/16/26 11:52	03/03/26 15:59	7440-62-2	
Zinc	**0.0041J**	mg/L	0.010	0.0014	1	02/16/26 11:52	03/03/26 15:59	7440-66-6	

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ANALYTICAL RESULTS

Project: Hammond-Huffaker-Parcels ABE
Pace Project No.: 92843245

Sample: HAM-GWC-22 **Lab ID: 92843245018** Collected: 02/09/26 12:46 Received: 02/11/26 14:21 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2021								
	Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**188**	mg/L	5.0	5.0	1		02/20/26 21:21		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/20/26 21:21		
Alkalinity, Total as CaCO3	**188**	mg/L	5.0	5.0	1		02/20/26 21:21		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020								
	Pace Analytical Services - Asheville								
Total Dissolved Solids	**212**	mg/L	25.0	25.0	1		02/12/26 20:28		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993								
	Pace Analytical Services - Asheville								
Chloride	**1.1**	mg/L	1.0	0.60	1		02/13/26 06:35	16887-00-6	
Fluoride	**0.061J**	mg/L	0.10	0.050	1		02/13/26 06:35	16984-48-8	
Sulfate	**7.4**	mg/L	1.0	0.50	1		02/13/26 06:35	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A								
	Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/16/26 11:52	03/03/26 16:02	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	02/16/26 11:52	03/03/26 16:02	7440-38-2	
Barium	**0.092**	mg/L	0.0050	0.00056	1	02/16/26 11:52	03/03/26 16:02	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/16/26 11:52	03/05/26 20:16	7440-41-7	
Boron	**0.071**	mg/L	0.040	0.0073	1	02/16/26 11:52	03/05/26 20:16	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/16/26 11:52	03/03/26 16:02	7440-43-9	
Calcium	**46.5**	mg/L	0.40	0.10	1	02/16/26 11:52	03/03/26 16:02	7440-70-2	
Chromium	ND	mg/L	0.0050	0.00024	1	02/16/26 11:52	03/03/26 16:02	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00012	1	02/16/26 11:52	03/03/26 16:02	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	02/16/26 11:52	03/03/26 16:02	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	02/16/26 11:52	03/03/26 16:02	7439-92-1	
Magnesium	**10.8**	mg/L	0.050	0.024	1	02/16/26 11:52	03/03/26 16:02	7439-95-4	
Nickel	ND	mg/L	0.0050	0.00092	1	02/16/26 11:52	03/03/26 16:02	7440-02-0	
Potassium	**0.36J**	mg/L	0.40	0.13	1	02/16/26 11:52	03/03/26 16:02	7440-09-7	
Selenium	ND	mg/L	0.0050	0.00050	1	02/16/26 11:52	03/03/26 16:02	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	02/16/26 11:52	03/03/26 16:02	7440-22-4	
Sodium	**10.6**	mg/L	0.40	0.083	1	02/16/26 11:52	03/03/26 16:02	7440-23-5	
Thallium	ND	mg/L	0.00050	0.00017	1	02/16/26 11:52	03/03/26 16:02	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	02/16/26 11:52	03/03/26 16:02	7440-62-2	
Zinc	ND	mg/L	0.010	0.0014	1	02/16/26 11:52	03/03/26 16:02	7440-66-6	

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ANALYTICAL RESULTS

Project: Hammond-Huffaker-Parcels ABE
Pace Project No.: 92843245

Sample: HAM-GWC-23 **Lab ID: 92843245019** Collected: 02/09/26 18:01 Received: 02/11/26 14:21 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2021								
	Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**150**	mg/L	5.0	5.0	1		02/20/26 21:14		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/20/26 21:14		
Alkalinity, Total as CaCO3	**150**	mg/L	5.0	5.0	1		02/20/26 21:14		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020								
	Pace Analytical Services - Asheville								
Total Dissolved Solids	**176**	mg/L	25.0	25.0	1		02/12/26 20:28		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993								
	Pace Analytical Services - Asheville								
Chloride	**1.1**	mg/L	1.0	0.60	1		02/13/26 07:20	16887-00-6	
Fluoride	**0.075J**	mg/L	0.10	0.050	1		02/13/26 07:20	16984-48-8	
Sulfate	**5.5**	mg/L	1.0	0.50	1		02/13/26 07:20	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A								
	Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/16/26 11:52	02/27/26 19:45	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	02/16/26 11:52	02/27/26 19:45	7440-38-2	
Barium	**0.065**	mg/L	0.0050	0.00056	1	02/16/26 11:52	02/27/26 19:45	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/16/26 11:52	02/27/26 19:45	7440-41-7	
Boron	**0.020J**	mg/L	0.040	0.0073	1	02/16/26 11:52	02/27/26 19:45	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/16/26 11:52	02/27/26 19:45	7440-43-9	
Calcium	**43.3**	mg/L	2.0	0.50	5	02/16/26 11:52	03/02/26 16:25	7440-70-2	M1
Chromium	**0.00035J**	mg/L	0.0050	0.00024	1	02/16/26 11:52	02/27/26 19:45	7440-47-3	
Cobalt	**0.00014J**	mg/L	0.0050	0.00012	1	02/16/26 11:52	02/27/26 19:45	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	02/16/26 11:52	02/27/26 19:45	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	02/16/26 11:52	02/27/26 19:45	7439-92-1	
Magnesium	**10.4**	mg/L	0.050	0.024	1	02/16/26 11:52	02/27/26 19:45	7439-95-4	M1
Nickel	ND	mg/L	0.0050	0.00092	1	02/16/26 11:52	02/27/26 19:45	7440-02-0	
Potassium	**0.63**	mg/L	0.40	0.13	1	02/16/26 11:52	02/27/26 19:45	7440-09-7	
Selenium	ND	mg/L	0.0050	0.00050	1	02/16/26 11:52	02/27/26 19:45	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	02/16/26 11:52	02/27/26 19:45	7440-22-4	
Sodium	**4.9**	mg/L	0.40	0.083	1	02/16/26 11:52	02/27/26 19:45	7440-23-5	
Thallium	ND	mg/L	0.00050	0.00017	1	02/16/26 11:52	02/27/26 19:45	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	02/16/26 11:52	02/27/26 19:45	7440-62-2	
Zinc	**0.0015J**	mg/L	0.010	0.0014	1	02/16/26 11:52	02/27/26 19:45	7440-66-6	

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ANALYTICAL RESULTS

Project: Hammond-Huffaker-Parcels ABE
Pace Project No.: 92843245

Sample: HAM-HLF-ABE-FD-01 **Lab ID: 92843245020** Collected: 02/09/26 00:00 Received: 02/11/26 14:21 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2021								
	Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**160**	mg/L	5.0	5.0	1		02/20/26 21:04		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/20/26 21:04		
Alkalinity, Total as CaCO3	**160**	mg/L	5.0	5.0	1		02/20/26 21:04		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020								
	Pace Analytical Services - Asheville								
Total Dissolved Solids	**336**	mg/L	25.0	25.0	1		02/12/26 20:28		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993								
	Pace Analytical Services - Asheville								
Chloride	**1.6**	mg/L	1.0	0.60	1		02/13/26 07:35	16887-00-6	
Fluoride	**0.053J**	mg/L	0.10	0.050	1		02/13/26 07:35	16984-48-8	
Sulfate	**94.2**	mg/L	1.0	0.50	1		02/13/26 07:35	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A								
	Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/16/26 11:52	02/27/26 21:09	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	02/16/26 11:52	02/27/26 21:09	7440-38-2	
Barium	**0.13**	mg/L	0.0050	0.00056	1	02/16/26 11:52	02/27/26 21:09	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/16/26 11:52	02/27/26 21:09	7440-41-7	
Boron	**0.041**	mg/L	0.040	0.0073	1	02/16/26 11:52	02/27/26 21:09	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/16/26 11:52	02/27/26 21:09	7440-43-9	
Calcium	**73.0**	mg/L	2.0	0.50	5	02/16/26 11:52	03/02/26 16:47	7440-70-2	
Chromium	ND	mg/L	0.0050	0.00024	1	02/16/26 11:52	02/27/26 21:09	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00012	1	02/16/26 11:52	02/27/26 21:09	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	02/16/26 11:52	02/27/26 21:09	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	02/16/26 11:52	02/27/26 21:09	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00092	1	02/16/26 11:52	02/27/26 21:09	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	02/16/26 11:52	02/27/26 21:09	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	02/16/26 11:52	02/27/26 21:09	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	02/16/26 11:52	02/27/26 21:09	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	02/16/26 11:52	02/27/26 21:09	7440-62-2	
Zinc	**0.0019J**	mg/L	0.010	0.0014	1	02/16/26 11:52	02/27/26 21:09	7440-66-6	

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ANALYTICAL RESULTS

Project: Hammond-Huffaker-Parcels ABE
Pace Project No.: 92843245

Sample: HAM-HLF-ABE-FD-02 **Lab ID: 92843245021** Collected: 02/09/26 00:00 Received: 02/11/26 14:21 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2021								
	Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**88.6**	mg/L	5.0	5.0	1		02/20/26 20:56		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/20/26 20:56		
Alkalinity, Total as CaCO3	**88.6**	mg/L	5.0	5.0	1		02/20/26 20:56		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020								
	Pace Analytical Services - Asheville								
Total Dissolved Solids	**239**	mg/L	25.0	25.0	1		02/12/26 20:28		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993								
	Pace Analytical Services - Asheville								
Chloride	**0.83J**	mg/L	1.0	0.60	1		02/13/26 07:50	16887-00-6	
Fluoride	**0.068J**	mg/L	0.10	0.050	1		02/13/26 07:50	16984-48-8	
Sulfate	**80.6**	mg/L	1.0	0.50	1		02/13/26 07:50	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A								
	Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/16/26 11:52	02/27/26 21:18	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	02/16/26 11:52	02/27/26 21:18	7440-38-2	
Barium	**0.071**	mg/L	0.0050	0.00056	1	02/16/26 11:52	02/27/26 21:18	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/16/26 11:52	02/27/26 21:18	7440-41-7	
Boron	**0.017J**	mg/L	0.040	0.0073	1	02/16/26 11:52	02/27/26 21:18	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/16/26 11:52	02/27/26 21:18	7440-43-9	
Calcium	**44.9**	mg/L	2.0	0.50	5	02/16/26 11:52	03/02/26 16:50	7440-70-2	
Chromium	**0.00029J**	mg/L	0.0050	0.00024	1	02/16/26 11:52	02/27/26 21:18	7440-47-3	
Cobalt	**0.00047J**	mg/L	0.0050	0.00012	1	02/16/26 11:52	02/27/26 21:18	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	02/16/26 11:52	02/27/26 21:18	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	02/16/26 11:52	02/27/26 21:18	7439-92-1	
Nickel	**0.0026J**	mg/L	0.0050	0.00092	1	02/16/26 11:52	02/27/26 21:18	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	02/16/26 11:52	02/27/26 21:18	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	02/16/26 11:52	02/27/26 21:18	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	02/16/26 11:52	02/27/26 21:18	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	02/16/26 11:52	02/27/26 21:18	7440-62-2	
Zinc	ND	mg/L	0.010	0.0014	1	02/16/26 11:52	02/27/26 21:18	7440-66-6	

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ANALYTICAL RESULTS

Project: Hammond-Huffaker-Parcels ABE
Pace Project No.: 92843245

Sample: HAM-HLF-ABE-EB-02 **Lab ID: 92843245022** Collected: 02/09/26 16:35 Received: 02/11/26 14:21 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2021								
	Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/20/26 20:53		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/20/26 20:53		
Alkalinity, Total as CaCO3	ND	mg/L	5.0	5.0	1		02/20/26 20:53		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020								
	Pace Analytical Services - Asheville								
Total Dissolved Solids	ND	mg/L	25.0	25.0	1		02/12/26 20:28		
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		02/12/26 23:22	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/12/26 23:22	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		02/12/26 23:22	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A								
	Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/16/26 11:52	02/27/26 21:27	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	02/16/26 11:52	02/27/26 21:27	7440-38-2	
Barium	ND	mg/L	0.0050	0.00056	1	02/16/26 11:52	02/27/26 21:27	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/16/26 11:52	02/27/26 21:27	7440-41-7	
Boron	ND	mg/L	0.040	0.0073	1	02/16/26 11:52	02/27/26 21:27	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/16/26 11:52	02/27/26 21:27	7440-43-9	
Calcium	ND	mg/L	0.40	0.10	1	02/16/26 11:52	03/02/26 16:53	7440-70-2	
Chromium	ND	mg/L	0.0050	0.00024	1	02/16/26 11:52	02/27/26 21:27	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00012	1	02/16/26 11:52	02/27/26 21:27	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	02/16/26 11:52	02/27/26 21:27	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	02/16/26 11:52	02/27/26 21:27	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00092	1	02/16/26 11:52	02/27/26 21:27	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	02/16/26 11:52	02/27/26 21:27	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	02/16/26 11:52	02/27/26 21:27	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	02/16/26 11:52	02/27/26 21:27	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	02/16/26 11:52	02/27/26 21:27	7440-62-2	
Zinc	ND	mg/L	0.010	0.0014	1	02/16/26 11:52	02/27/26 21:27	7440-66-6	

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ANALYTICAL RESULTS

Project: Hammond-Huffaker-Parcels ABE
Pace Project No.: 92843245

Sample: HAM-HLF-ABE-FB-02 **Lab ID: 92843245023** Collected: 02/09/26 16:30 Received: 02/11/26 14:21 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2021								
	Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/20/26 18:32		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/20/26 18:32		
Alkalinity, Total as CaCO3	ND	mg/L	5.0	5.0	1		02/20/26 18:32		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020								
	Pace Analytical Services - Asheville								
Total Dissolved Solids	ND	mg/L	25.0	25.0	1		02/12/26 20:28		
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		02/12/26 23:37	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/12/26 23:37	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		02/12/26 23:37	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A								
	Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/16/26 11:52	02/27/26 21:36	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	02/16/26 11:52	02/27/26 21:36	7440-38-2	
Barium	ND	mg/L	0.0050	0.00056	1	02/16/26 11:52	02/27/26 21:36	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/16/26 11:52	02/27/26 21:36	7440-41-7	
Boron	ND	mg/L	0.040	0.0073	1	02/16/26 11:52	02/27/26 21:36	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/16/26 11:52	02/27/26 21:36	7440-43-9	
Calcium	ND	mg/L	0.40	0.10	1	02/16/26 11:52	03/02/26 16:56	7440-70-2	
Chromium	ND	mg/L	0.0050	0.00024	1	02/16/26 11:52	02/27/26 21:36	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00012	1	02/16/26 11:52	02/27/26 21:36	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	02/16/26 11:52	02/27/26 21:36	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	02/16/26 11:52	02/27/26 21:36	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00092	1	02/16/26 11:52	02/27/26 21:36	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	02/16/26 11:52	02/27/26 21:36	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	02/16/26 11:52	02/27/26 21:36	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	02/16/26 11:52	02/27/26 21:36	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	02/16/26 11:52	02/27/26 21:36	7440-62-2	
Zinc	ND	mg/L	0.010	0.0014	1	02/16/26 11:52	02/27/26 21:36	7440-66-6	

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QUALITY CONTROL DATA

Project: Hammond-Huffaker-Parcels ABE
Pace Project No.: 92843245

QC Batch: 991371
QC Batch Method: SM 2320B-2021
Analysis Method: SM 2320B-2021
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92843245001, 92843245002, 92843245003, 92843245004, 92843245005, 92843245006, 92843245007, 92843245008, 92843245009, 92843245010

METHOD BLANK: 5096028
Matrix: Water
Associated Lab Samples: 92843245001, 92843245002, 92843245003, 92843245004, 92843245005, 92843245006, 92843245007, 92843245008, 92843245009, 92843245010

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	5.0	02/20/26 13:51	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	5.0	5.0	02/20/26 13:51	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	5.0	5.0	02/20/26 13:51	

LABORATORY CONTROL SAMPLE: 5096029

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	52.4	105	80-120	

LABORATORY CONTROL SAMPLE: 5096030

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	52.3	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5099866 5099867

Parameter	Units	92843817002 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	ND	50	50	52.7	52.9	102	103	80-120	1	25	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5099868 5099869

Parameter	Units	92843817003 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	ND	50	50	52.6	53.0	103	103	80-120	1	25	

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

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QUALITY CONTROL DATA

Project: Hammond-Huffaker-Parcels ABE
Pace Project No.: 92843245

QC Batch: 991372
QC Batch Method: SM 2320B-2021
Analysis Method: SM 2320B-2021
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92843245023

METHOD BLANK: 5096035 Matrix: Water
Associated Lab Samples: 92843245023

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	5.0	02/20/26 17:33	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	5.0	5.0	02/20/26 17:33	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	5.0	5.0	02/20/26 17:33	

LABORATORY CONTROL SAMPLE: 5096036

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	52.0	104	80-120	

LABORATORY CONTROL SAMPLE: 5096037

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	52.3	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5099870 5099871

Parameter	Units	92843817004 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	ND	50	50	53.3	53.3	104	103	80-120	0	25	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5099872 5099873

Parameter	Units	92843817005 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	ND	50	50	52.8	52.4	103	103	80-120	1	25	

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QUALITY CONTROL DATA

Project: Hammond-Huffaker-Parcels ABE
Pace Project No.: 92843245

QC Batch: 991373
QC Batch Method: SM 2320B-2021
Analysis Method: SM 2320B-2021
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92843245011, 92843245012, 92843245013, 92843245014, 92843245016, 92843245017, 92843245018, 92843245019, 92843245020, 92843245021, 92843245022

METHOD BLANK: 5096042
Matrix: Water
Associated Lab Samples: 92843245011, 92843245012, 92843245013, 92843245014, 92843245016, 92843245017, 92843245018, 92843245019, 92843245020, 92843245021, 92843245022

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	5.0	02/20/26 20:26	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	5.0	5.0	02/20/26 20:26	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	5.0	5.0	02/20/26 20:26	

LABORATORY CONTROL SAMPLE: 5096043

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	52.1	104	80-120	

LABORATORY CONTROL SAMPLE: 5096044

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: 5099876 5099877

Parameter	Units	92843245017 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	74.0	50	50	122	122	97	96	80-120	0	25	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5099878 5099879

Parameter	Units	92843245016 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	169	50	50	213	213	88	87	80-120	0	25	

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QUALITY CONTROL DATA

Project: Hammond-Huffaker-Parcels ABE
Pace Project No.: 92843245

QC Batch: 991683
QC Batch Method: SM 2320B-2021
Analysis Method: SM 2320B-2021
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92843245015

METHOD BLANK: 5097799 Matrix: Water
Associated Lab Samples: 92843245015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	5.0	02/19/26 17:48	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	5.0	5.0	02/19/26 17:48	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	5.0	5.0	02/19/26 17:48	

LABORATORY CONTROL SAMPLE: 5097800

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	50.7	101	80-120	

LABORATORY CONTROL SAMPLE: 5097801

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	52.4	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5097802 5097803

Parameter	Units	92843344001 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	30.2	50	50	78.2	77.8	96	95	80-120	1	25	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5097804 5097805

Parameter	Units	92843344002 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	97.0	50	50	146	146	98	98	80-120	0	25	

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QUALITY CONTROL DATA

Project: Hammond-Huffaker-Parcels ABE
Pace Project No.: 92843245

QC Batch: 990160
QC Batch Method: SM 2540C-2020
Analysis Method: SM 2540C-2020
Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92843245001, 92843245002, 92843245003, 92843245004, 92843245005

METHOD BLANK: 5089355
Matrix: Water
Associated Lab Samples: 92843245001, 92843245002, 92843245003, 92843245004, 92843245005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	25.0	02/12/26 04:51	

LABORATORY CONTROL SAMPLE: 5089356

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	250	246	98	90-110	

SAMPLE DUPLICATE: 5089357

Parameter	Units	92842453014 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	1300	1300	0	25	

SAMPLE DUPLICATE: 5089358

Parameter	Units	92842926017 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	322	341	6	25	

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QUALITY CONTROL DATA

Project: Hammond-Huffaker-Parcels ABE
Pace Project No.: 92843245

QC Batch: 990300
QC Batch Method: SM 2540C-2020
Analysis Method: SM 2540C-2020
Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92843245006, 92843245007, 92843245008, 92843245009, 92843245010

METHOD BLANK: 5090305
Matrix: Water
Associated Lab Samples: 92843245006, 92843245007, 92843245008, 92843245009, 92843245010

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	25.0	02/12/26 10:54	

LABORATORY CONTROL SAMPLE: 5090306

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	250	246	99	90-110	

SAMPLE DUPLICATE: 5090307

Parameter	Units	92843245006 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	393	394	0	25	

SAMPLE DUPLICATE: 5090308

Parameter	Units	92842967001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	311	310	0	25	

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QUALITY CONTROL DATA

Project: Hammond-Huffaker-Parcels ABE
Pace Project No.: 92843245

QC Batch: 990536
QC Batch Method: SM 2540C-2020
Analysis Method: SM 2540C-2020
Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92843245011, 92843245012, 92843245013, 92843245014, 92843245016, 92843245017, 92843245018, 92843245019, 92843245020, 92843245021, 92843245022, 92843245023

METHOD BLANK: 5091822
Matrix: Water
Associated Lab Samples: 92843245011, 92843245012, 92843245013, 92843245014, 92843245016, 92843245017, 92843245018, 92843245019, 92843245020, 92843245021, 92843245022, 92843245023

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	25.0	02/12/26 20:27	

LABORATORY CONTROL SAMPLE: 5091823

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	250	248	99	90-110	

SAMPLE DUPLICATE: 5091824

Parameter	Units	92843245011 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	323	324	0	25	

SAMPLE DUPLICATE: 5091825

Parameter	Units	92843245022 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	ND	ND		25	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Hammond-Huffaker-Parcels ABE
Pace Project No.: 92843245

QC Batch: 990923
QC Batch Method: SM 2540C-2020
Analysis Method: SM 2540C-2020
Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92843245015

METHOD BLANK: 5093564
Matrix: Water
Associated Lab Samples: 92843245015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	25.0	02/15/26 15:39	

LABORATORY CONTROL SAMPLE: 5093565

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	250	246	98	90-110	

SAMPLE DUPLICATE: 5093566

Parameter	Units	92843349005 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	380	392	3	25	

SAMPLE DUPLICATE: 5093567

Parameter	Units	92843349015 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	506	451	11	25	

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QUALITY CONTROL DATA

Project: Hammond-Huffaker-Parcels ABE
Pace Project No.: 92843245

QC Batch: 989915
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: 92843245001, 92843245002, 92843245003, 92843245004, 92843245005, 92843245006, 92843245007

METHOD BLANK: 5088116 Matrix: Water
Associated Lab Samples: 92843245001, 92843245002, 92843245003, 92843245004, 92843245005, 92843245006, 92843245007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	02/11/26 01:31	
Fluoride	mg/L	ND	0.10	0.050	02/11/26 01:31	
Sulfate	mg/L	ND	1.0	0.50	02/11/26 01:31	

LABORATORY CONTROL SAMPLE: 5088117

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	50.0	100	90-110	
Fluoride	mg/L	2.5	2.6	103	90-110	
Sulfate	mg/L	50	49.4	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5088118 5088119

Parameter	Units	92842926010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	3.4	50	50	52.7	51.9	99	97	90-110	2	10	
Fluoride	mg/L	ND	2.5	2.5	2.3	2.3	91	90	90-110	1	10	
Sulfate	mg/L	122	50	50	163	162	83	81	90-110	1	10	M1

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5088120 5088121

Parameter	Units	92842919012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	80.9	50	50	113	112	65	63	90-110	1	10	M1
Fluoride	mg/L	0.098J	2.5	2.5	2.5	2.4	95	93	90-110	3	10	
Sulfate	mg/L	177	50	50	215	213	75	73	90-110	1	10	M1

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QUALITY CONTROL DATA

Project: Hammond-Huffaker-Parcels ABE
Pace Project No.: 92843245

QC Batch: 989916
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: 92843245008, 92843245009, 92843245010

METHOD BLANK: 5088122 Matrix: Water
Associated Lab Samples: 92843245008, 92843245009, 92843245010

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	02/11/26 00:13	
Fluoride	mg/L	ND	0.10	0.050	02/11/26 00:13	
Sulfate	mg/L	ND	1.0	0.50	02/11/26 00:13	

LABORATORY CONTROL SAMPLE: 5088123

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	51.4	103	90-110	
Fluoride	mg/L	2.5	2.6	103	90-110	
Sulfate	mg/L	50	51.3	103	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5088124 5088125

Parameter	Units	92843245008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	1.2	50	50	50.8	50.3	99	98	90-110	1	10	
Fluoride	mg/L	0.096J	2.5	2.5	2.4	2.4	92	91	90-110	1	10	
Sulfate	mg/L	29.1	50	50	77.0	76.6	96	95	90-110	0	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5088126 5088127

Parameter	Units	92842979008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	17.3	50	50	67.1	67.2	100	100	90-110	0	10	
Fluoride	mg/L	0.65	2.5	2.5	3.0	3.1	93	97	90-110	3	10	
Sulfate	mg/L	375	50	50	415	415	80	80	90-110	0	10	M1

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QUALITY CONTROL DATA

Project: Hammond-Huffaker-Parcels ABE
Pace Project No.: 92843245

QC Batch: 990532
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: 92843245011, 92843245012, 92843245013, 92843245014, 92843245015, 92843245017, 92843245018, 92843245019, 92843245020, 92843245021, 92843245022, 92843245023

METHOD BLANK: 5091785
Matrix: Water
Associated Lab Samples: 92843245011, 92843245012, 92843245013, 92843245014, 92843245015, 92843245017, 92843245018, 92843245019, 92843245020, 92843245021, 92843245022, 92843245023

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	02/12/26 22:52	
Fluoride	mg/L	ND	0.10	0.050	02/12/26 22:52	
Sulfate	mg/L	ND	1.0	0.50	02/12/26 22:52	

LABORATORY CONTROL SAMPLE: 5091786

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	51.8	104	90-110	
Fluoride	mg/L	2.5	2.6	102	90-110	
Sulfate	mg/L	50	51.6	103	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5091787 5091788

Parameter	Units	92843817001 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	53.7	53.2	102	101	90-110	1	10	
Fluoride	mg/L	ND	2.5	2.5	2.6	2.5	103	99	90-110	4	10	
Sulfate	mg/L	1.4	50	50	51.8	51.4	101	100	90-110	1	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5091789 5091790

Parameter	Units	92843245015 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	0.88J	50	50	52.2	49.8	103	98	90-110	5	10	
Fluoride	mg/L	0.095J	2.5	2.5	2.5	2.4	96	91	90-110	5	10	
Sulfate	mg/L	7.5	50	50	58.1	55.8	101	97	90-110	4	10	

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QUALITY CONTROL DATA

Project: Hammond-Huffaker-Parcels ABE
Pace Project No.: 92843245

QC Batch: 990533
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: 92843245016

METHOD BLANK: 5091791
Matrix: Water
Associated Lab Samples: 92843245016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	02/12/26 22:14	
Fluoride	mg/L	ND	0.10	0.050	02/12/26 22:14	
Sulfate	mg/L	ND	1.0	0.50	02/12/26 22:14	

LABORATORY CONTROL SAMPLE: 5091792

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	51.7	103	90-110	
Fluoride	mg/L	2.5	2.7	106	90-110	
Sulfate	mg/L	50	51.8	104	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5091793 5091794

Parameter	Units	92843245016 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	1.5	50	50	52.8	51.3	103	100	90-110	3	10	
Fluoride	mg/L	0.087J	2.5	2.5	2.5	2.4	95	93	90-110	3	10	
Sulfate	mg/L	69.6	50	50	104	108	70	77	90-110	3	10	M1

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5091795 5091796

Parameter	Units	92843771003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L		50	50	91.9	93.4	99	102	90-110	2	10	
Fluoride	mg/L	0.34	2.5	2.5	2.2	2.3	76	77	90-110	1	10	M1
Sulfate	mg/L	3840	50	50	3890	3920	106	162	90-110	1	10	M1

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QUALITY CONTROL DATA

Project: Hammond-Huffaker-Parcels ABE
Pace Project No.: 92843245

QC Batch: 990068
QC Batch Method: EPA 3005A
Analysis Method: EPA 6020B
Analysis Description: WC 6020B MET
Laboratory: Pace Analytical Services - West Columbia
Associated Lab Samples: 92843245001, 92843245002, 92843245003, 92843245004, 92843245005, 92843245006, 92843245007, 92843245008, 92843245009, 92843245010

METHOD BLANK: 5088556
Matrix: Water
Associated Lab Samples: 92843245001, 92843245002, 92843245003, 92843245004, 92843245005, 92843245006, 92843245007, 92843245008, 92843245009, 92843245010

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	mg/L	ND	0.0020	0.00043	02/25/26 09:50	
Arsenic	mg/L	ND	0.0020	0.00041	02/25/26 09:50	
Barium	mg/L	ND	0.0050	0.00056	02/25/26 09:50	
Beryllium	mg/L	ND	0.00040	0.00015	02/25/26 09:50	
Boron	mg/L	ND	0.040	0.0073	02/25/26 09:50	
Cadmium	mg/L	ND	0.00050	0.00010	02/25/26 09:50	
Calcium	mg/L	ND	0.40	0.10	02/25/26 09:50	
Chromium	mg/L	ND	0.0050	0.00024	02/25/26 09:50	
Cobalt	mg/L	ND	0.0050	0.00012	02/25/26 09:50	
Copper	mg/L	ND	0.0050	0.00069	02/25/26 09:50	
Lead	mg/L	ND	0.0010	0.00027	02/25/26 09:50	
Magnesium	mg/L	ND	0.050	0.024	02/25/26 09:50	
Nickel	mg/L	ND	0.0050	0.00092	02/25/26 09:50	
Potassium	mg/L	ND	0.40	0.13	02/25/26 09:50	
Selenium	mg/L	ND	0.0050	0.00050	02/25/26 09:50	
Silver	mg/L	ND	0.0010	0.00021	02/25/26 09:50	
Sodium	mg/L	ND	0.40	0.083	02/25/26 09:50	
Thallium	mg/L	ND	0.00050	0.00017	02/25/26 09:50	2g
Vanadium	mg/L	ND	0.0050	0.0011	02/25/26 09:50	
Zinc	mg/L	ND	0.010	0.0014	02/25/26 09:50	

LABORATORY CONTROL SAMPLE: 5088557

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	0.091	91	80-120	
Barium	mg/L	0.1	0.10	102	80-120	
Beryllium	mg/L	0.1	0.093	93	80-120	
Boron	mg/L	0.1	0.094	94	80-120	
Cadmium	mg/L	0.1	0.095	95	80-120	
Calcium	mg/L	1	1.0	105	80-120	
Chromium	mg/L	0.1	0.11	107	80-120	
Cobalt	mg/L	0.1	0.10	103	80-120	
Copper	mg/L	0.1	0.11	107	80-120	
Lead	mg/L	0.1	0.11	107	80-120	
Magnesium	mg/L	1	1.0	101	80-120	
Nickel	mg/L	0.1	0.10	104	80-120	

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QUALITY CONTROL DATA

Project: Hammond-Huffaker-Parcels ABE
Pace Project No.: 92843245

LABORATORY CONTROL SAMPLE: 5088557

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Potassium	mg/L	1	1.0	100	80-120	
Selenium	mg/L	0.1	0.092	92	80-120	
Silver	mg/L	0.1	0.11	107	80-120	
Sodium	mg/L	1	0.95	95	80-120	
Thallium	mg/L	0.1	0.10	101	80-120	3g
Vanadium	mg/L	0.1	0.10	104	80-120	
Zinc	mg/L	0.1	0.098	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5088558 5088559

Parameter	Units	92842926013 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	0.098	0.10	98	101	75-125	3	20	
Arsenic	mg/L	ND	0.1	0.1	0.10	0.10	100	102	75-125	2	20	
Barium	mg/L	0.043	0.1	0.1	0.14	0.15	101	107	75-125	4	20	
Beryllium	mg/L	ND	0.1	0.1	0.096	0.099	96	99	75-125	2	20	
Boron	mg/L	0.68	0.1	0.1	0.88	0.75	198	69	75-125	16	20	M1
Cadmium	mg/L	ND	0.1	0.1	0.096	0.099	96	99	75-125	3	20	
Calcium	mg/L	84.0	1	1	96.8	91.0	1280	699	75-125	6	20	M1
Chromium	mg/L	ND	0.1	0.1	0.099	0.10	99	103	75-125	4	20	
Cobalt	mg/L	0.00037J	0.1	0.1	0.094	0.097	93	97	75-125	4	20	
Copper	mg/L	ND	0.1	0.1	0.093	0.096	92	96	75-125	4	20	
Lead	mg/L	ND	0.1	0.1	0.098	0.10	98	101	75-125	2	20	
Magnesium	mg/L	12.3	1	1	13.1	13.5	79	121	75-125	3	20	
Nickel	mg/L	ND	0.1	0.1	0.092	0.096	91	95	75-125	4	20	
Potassium	mg/L	0.71	1	1	1.7	1.7	102	102	75-125	0	20	
Selenium	mg/L	ND	0.1	0.1	0.099	0.10	98	102	75-125	4	20	
Silver	mg/L	ND	0.1	0.1	0.10	0.10	101	103	75-125	2	20	
Sodium	mg/L	8.3	1	1	9.3	9.4	103	108	75-125	1	20	
Thallium	mg/L	ND	0.1	0.1	0.10	0.10	100	102	75-125	2	20	
Vanadium	mg/L	ND	0.1	0.1	0.099	0.10	99	102	75-125	3	20	
Zinc	mg/L	ND	0.1	0.1	0.095	0.099	94	98	75-125	4	20	

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QUALITY CONTROL DATA

Project: Hammond-Huffaker-Parcels ABE
Pace Project No.: 92843245

QC Batch: 990675
QC Batch Method: EPA 3005A
Analysis Method: EPA 6020B
Analysis Description: WC 6020B MET
Laboratory: Pace Analytical Services - West Columbia
Associated Lab Samples: 92843245011, 92843245012, 92843245013, 92843245014, 92843245015, 92843245016, 92843245017, 92843245018

METHOD BLANK: 5092354
Matrix: Water
Associated Lab Samples: 92843245011, 92843245012, 92843245013, 92843245014, 92843245015, 92843245016, 92843245017, 92843245018

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	mg/L	ND	0.0020	0.00043	03/03/26 14:07	
Arsenic	mg/L	ND	0.0020	0.00041	03/03/26 14:07	
Barium	mg/L	ND	0.0050	0.00056	03/03/26 14:07	
Beryllium	mg/L	ND	0.00040	0.00015	03/04/26 19:19	
Boron	mg/L	ND	0.040	0.0073	03/04/26 19:19	
Cadmium	mg/L	ND	0.00050	0.00010	03/03/26 14:07	
Calcium	mg/L	ND	0.40	0.10	03/03/26 14:07	
Chromium	mg/L	ND	0.0050	0.00024	03/03/26 14:07	
Cobalt	mg/L	ND	0.0050	0.00012	03/03/26 14:07	
Copper	mg/L	ND	0.0050	0.00069	03/03/26 14:07	
Lead	mg/L	ND	0.0010	0.00027	03/03/26 14:07	
Magnesium	mg/L	ND	0.050	0.024	03/03/26 14:07	
Nickel	mg/L	ND	0.0050	0.00092	03/03/26 14:07	
Potassium	mg/L	ND	0.40	0.13	03/03/26 14:07	
Selenium	mg/L	ND	0.0050	0.00050	03/03/26 14:07	
Silver	mg/L	ND	0.0010	0.00021	03/03/26 14:07	
Sodium	mg/L	ND	0.40	0.083	03/03/26 14:07	
Thallium	mg/L	ND	0.00050	0.00017	03/03/26 14:07	
Vanadium	mg/L	ND	0.0050	0.0011	03/03/26 14:07	
Zinc	mg/L	ND	0.010	0.0014	03/03/26 14:07	

LABORATORY CONTROL SAMPLE: 5092355

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	mg/L	0.1	0.096	96	80-120	
Arsenic	mg/L	0.1	0.099	99	80-120	
Barium	mg/L	0.1	0.10	103	80-120	
Beryllium	mg/L	0.1	0.096	96	80-120	
Boron	mg/L	0.1	0.10	102	80-120	
Cadmium	mg/L	0.1	0.094	94	80-120	
Calcium	mg/L	1	0.96	96	80-120	
Chromium	mg/L	0.1	0.10	102	80-120	
Cobalt	mg/L	0.1	0.11	105	80-120	
Copper	mg/L	0.1	0.10	101	80-120	
Lead	mg/L	0.1	0.099	99	80-120	
Magnesium	mg/L	1	1.0	100	80-120	
Nickel	mg/L	0.1	0.10	101	80-120	

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QUALITY CONTROL DATA

Project: Hammond-Huffaker-Parcels ABE
Pace Project No.: 92843245

LABORATORY CONTROL SAMPLE: 5092355

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Potassium	mg/L	1	1.1	106	80-120	
Selenium	mg/L	0.1	0.097	97	80-120	
Silver	mg/L	0.1	0.10	102	80-120	
Sodium	mg/L	1	1.0	103	80-120	
Thallium	mg/L	0.1	0.10	105	80-120	
Vanadium	mg/L	0.1	0.10	100	80-120	
Zinc	mg/L	0.1	0.10	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5092356 5092357

Parameter	Units	92843453009 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	0.091	0.097	91	97	75-125	6	20	
Arsenic	mg/L	ND	0.1	0.1	0.093	0.098	93	98	75-125	6	20	
Barium	mg/L	162 ug/L	0.1	0.1	0.25	0.26	88	100	75-125	5	20	
Beryllium	mg/L	ND	0.1	0.1	0.099	0.10	98	100	75-125	2	20	
Boron	mg/L	512 ug/L	0.1	0.1	0.58	0.60	63	87	75-125	4	20	M1
Cadmium	mg/L	ND	0.1	0.1	0.091	0.097	91	97	75-125	6	20	
Calcium	mg/L	3260 ug/L	1	1	4.1	4.3	85	105	75-125	5	20	
Chromium	mg/L	ND	0.1	0.1	0.098	0.10	98	104	75-125	6	20	
Cobalt	mg/L	ND	0.1	0.1	0.11	0.11	99	106	75-125	6	20	
Copper	mg/L	ND	0.1	0.1	0.098	0.10	97	103	75-125	6	20	
Lead	mg/L	ND	0.1	0.1	0.097	0.10	96	103	75-125	7	20	
Magnesium	mg/L	3400 ug/L	1	1	4.2	4.4	82	96	75-125	3	20	
Nickel	mg/L	ND	0.1	0.1	0.099	0.10	95	100	75-125	5	20	
Potassium	mg/L	3140 ug/L	1	1	3.9	4.2	81	102	75-125	5	20	
Selenium	mg/L	ND	0.1	0.1	0.094	0.10	94	101	75-125	7	20	
Silver	mg/L	ND	0.1	0.1	0.099	0.11	99	106	75-125	7	20	
Sodium	mg/L	14500 ug/L	1	1	14.7	15.5	15	95	75-125	5	20	M1
Thallium	mg/L	ND	0.1	0.1	0.097	0.10	97	103	75-125	6	20	
Vanadium	mg/L	ND	0.1	0.1	0.097	0.10	97	102	75-125	6	20	
Zinc	mg/L	19.9 ug/L	0.1	0.1	0.12	0.12	96	104	75-125	7	20	

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QUALITY CONTROL DATA

Project: Hammond-Huffaker-Parcels ABE
Pace Project No.: 92843245

QC Batch: 990678
QC Batch Method: EPA 3005A
Analysis Method: EPA 6020B
Analysis Description: WC 6020B MET
Laboratory: Pace Analytical Services - West Columbia
Associated Lab Samples: 92843245019, 92843245020, 92843245021, 92843245022, 92843245023

METHOD BLANK: 5092370
Matrix: Water
Associated Lab Samples: 92843245019, 92843245020, 92843245021, 92843245022, 92843245023

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	mg/L	ND	0.0020	0.00043	02/27/26 19:27	
Arsenic	mg/L	ND	0.0020	0.00041	02/27/26 19:27	
Barium	mg/L	ND	0.0050	0.00056	02/27/26 19:27	
Beryllium	mg/L	ND	0.00040	0.00015	02/27/26 19:27	
Boron	mg/L	ND	0.040	0.0073	02/27/26 19:27	
Cadmium	mg/L	ND	0.00050	0.00010	02/27/26 19:27	
Calcium	mg/L	ND	0.40	0.10	03/02/26 16:19	
Chromium	mg/L	ND	0.0050	0.00024	02/27/26 19:27	
Cobalt	mg/L	ND	0.0050	0.00012	02/27/26 19:27	
Copper	mg/L	ND	0.0050	0.00069	02/27/26 19:27	
Lead	mg/L	ND	0.0010	0.00027	02/27/26 19:27	
Magnesium	mg/L	ND	0.050	0.024	02/27/26 19:27	
Nickel	mg/L	ND	0.0050	0.00092	02/27/26 19:27	
Potassium	mg/L	ND	0.40	0.13	02/27/26 19:27	
Selenium	mg/L	ND	0.0050	0.00050	02/27/26 19:27	
Silver	mg/L	ND	0.0010	0.00021	02/27/26 19:27	
Sodium	mg/L	ND	0.40	0.083	02/27/26 19:27	
Thallium	mg/L	ND	0.00050	0.00017	02/27/26 19:27	
Vanadium	mg/L	ND	0.0050	0.0011	02/27/26 19:27	
Zinc	mg/L	ND	0.010	0.0014	02/27/26 19:27	

LABORATORY CONTROL SAMPLE: 5092371

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	mg/L	0.1	0.090	90	80-120	
Arsenic	mg/L	0.1	0.087	87	80-120	
Barium	mg/L	0.1	0.096	96	80-120	
Beryllium	mg/L	0.1	0.092	92	80-120	
Boron	mg/L	0.1	0.093	93	80-120	
Cadmium	mg/L	0.1	0.096	96	80-120	
Calcium	mg/L	1	0.99	99	80-120	
Chromium	mg/L	0.1	0.10	101	80-120	
Cobalt	mg/L	0.1	0.10	105	80-120	
Copper	mg/L	0.1	0.11	108	80-120	
Lead	mg/L	0.1	0.11	106	80-120	
Magnesium	mg/L	1	0.94	94	80-120	
Nickel	mg/L	0.1	0.10	102	80-120	
Potassium	mg/L	1	0.99	99	80-120	
Selenium	mg/L	0.1	0.090	90	80-120	

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QUALITY CONTROL DATA

Project: Hammond-Huffaker-Parcels ABE
Pace Project No.: 92843245

LABORATORY CONTROL SAMPLE: 5092371

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Silver	mg/L	0.1	0.099	99	80-120	
Sodium	mg/L	1	0.95	95	80-120	
Thallium	mg/L	0.1	0.10	103	80-120	
Vanadium	mg/L	0.1	0.096	96	80-120	
Zinc	mg/L	0.1	0.095	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5092372 5092373

Parameter	Units	92843245019 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	0.094	0.093	94	93	75-125	1	20	
Arsenic	mg/L	ND	0.1	0.1	0.098	0.095	98	95	75-125	3	20	
Barium	mg/L	0.065	0.1	0.1	0.16	0.16	99	96	75-125	2	20	
Beryllium	mg/L	ND	0.1	0.1	0.098	0.096	98	96	75-125	1	20	
Boron	mg/L	0.020J	0.1	0.1	0.11	0.11	95	93	75-125	2	20	
Cadmium	mg/L	ND	0.1	0.1	0.10	0.10	102	101	75-125	1	20	
Calcium	mg/L	43.3	1	1	43.6	41.8	34	-147	75-125	4	20	M1
Chromium	mg/L	0.00035J	0.1	0.1	0.10	0.10	101	99	75-125	2	20	
Cobalt	mg/L	0.00014J	0.1	0.1	0.10	0.10	102	101	75-125	2	20	
Copper	mg/L	ND	0.1	0.1	0.11	0.10	105	103	75-125	2	20	
Lead	mg/L	ND	0.1	0.1	0.10	0.10	103	101	75-125	2	20	
Magnesium	mg/L	10.4	1	1	11.3	11.0	90	65	75-125	2	20	M1
Nickel	mg/L	ND	0.1	0.1	0.099	0.098	99	97	75-125	2	20	
Potassium	mg/L	0.63	1	1	1.6	1.6	98	96	75-125	2	20	
Selenium	mg/L	ND	0.1	0.1	0.10	0.10	105	104	75-125	1	20	
Silver	mg/L	ND	0.1	0.1	0.098	0.096	98	96	75-125	2	20	
Sodium	mg/L	4.9	1	1	5.8	5.7	91	81	75-125	2	20	
Thallium	mg/L	ND	0.1	0.1	0.10	0.10	102	99	75-125	2	20	
Vanadium	mg/L	ND	0.1	0.1	0.097	0.095	97	95	75-125	2	20	
Zinc	mg/L	0.0015J	0.1	0.1	0.10	0.10	103	101	75-125	2	20	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: Hammond-Huffaker-Parcels ABE
Pace Project No.: 92843245

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.

WORKORDER QUALIFIERS

WO: 92843245

[1]	GEOSYNTEC
[2]	DO NOT DILUTE. MUST MEET REPORTING LIMITS. LET PM KNOW FIRST IF THERE ARE ISSUES.

ANALYTE QUALIFIERS

1g	The percent readback for the mid-level calibration standard was below laboratory acceptance limits. The result is reported since the continuing calibration verification (CCV) standard has the same true value concentration as the mid-level standard, and the bracketing CCVs were within acceptance limits.
2g	The same analyte was detected in an associated instrument blank at a concentration above 1/2 the reporting limit but below the reporting limit. The analyte was not detected in the method blank.
3g	The same analyte was detected in an associated instrument blank at a concentration above half the reporting limit but less than the reporting limit. The concentration in the LCS spike was greater than ten times the concentration in the instrument blank, and the percent recovery was within method acceptance limits.
CU	The continuing calibration for this analyte is above laboratory acceptance limits. Analyte was not detected above the reporting limit in any of the associated samples.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Hammond-Huffaker-Parcels ABE
Pace Project No.: 92843245

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92843245001	**HAM-GWA-1**	SM 2320B-2021	991371		
92843245002	**HAM-GWA-2**	SM 2320B-2021	991371		
92843245003	**HAM-GWA-3**	SM 2320B-2021	991371		
92843245004	**HAM-GWA-4**	SM 2320B-2021	991371		
92843245005	**HAM-GWA-11**	SM 2320B-2021	991371		
92843245006	**HAM-GWC-5**	SM 2320B-2021	991371		
92843245007	**HAM-GWC-10**	SM 2320B-2021	991371		
92843245008	**HAM-HLF-ABE-GWC-19**	SM 2320B-2021	991371		
92843245009	**HAM-HLF-ABE-EB-01**	SM 2320B-2021	991371		
92843245010	**HAM-HLF-ABE-FB-01**	SM 2320B-2021	991371		
92843245011	**HAM-HLF-ABE-GWC-6**	SM 2320B-2021	991373		
92843245012	**HAM-GWC-7**	SM 2320B-2021	991373		
92843245013	**HAM-HLF-ABE-GWC-8**	SM 2320B-2021	991373		
92843245014	**HAM-GWC-9**	SM 2320B-2021	991373		
92843245015	**HAM-GWC-18**	SM 2320B-2021	991683		
92843245016	**HAM-GWC-20**	SM 2320B-2021	991373		
92843245017	**HAM-GWC-21**	SM 2320B-2021	991373		
92843245018	**HAM-GWC-22**	SM 2320B-2021	991373		
92843245019	**HAM-GWC-23**	SM 2320B-2021	991373		
92843245020	**HAM-HLF-ABE-FD-01**	SM 2320B-2021	991373		
92843245021	**HAM-HLF-ABE-FD-02**	SM 2320B-2021	991373		
92843245022	**HAM-HLF-ABE-EB-02**	SM 2320B-2021	991373		
92843245023	**HAM-HLF-ABE-FB-02**	SM 2320B-2021	991372		
92843245001	**HAM-GWA-1**	SM 2540C-2020	990160		
92843245002	**HAM-GWA-2**	SM 2540C-2020	990160		
92843245003	**HAM-GWA-3**	SM 2540C-2020	990160		
92843245004	**HAM-GWA-4**	SM 2540C-2020	990160		
92843245005	**HAM-GWA-11**	SM 2540C-2020	990160		
92843245006	**HAM-GWC-5**	SM 2540C-2020	990300		
92843245007	**HAM-GWC-10**	SM 2540C-2020	990300		
92843245008	**HAM-HLF-ABE-GWC-19**	SM 2540C-2020	990300		
92843245009	**HAM-HLF-ABE-EB-01**	SM 2540C-2020	990300		
92843245010	**HAM-HLF-ABE-FB-01**	SM 2540C-2020	990300		
92843245011	**HAM-HLF-ABE-GWC-6**	SM 2540C-2020	990536		
92843245012	**HAM-GWC-7**	SM 2540C-2020	990536		
92843245013	**HAM-HLF-ABE-GWC-8**	SM 2540C-2020	990536		
92843245014	**HAM-GWC-9**	SM 2540C-2020	990536		
92843245015	**HAM-GWC-18**	SM 2540C-2020	990923		
92843245016	**HAM-GWC-20**	SM 2540C-2020	990536		
92843245017	**HAM-GWC-21**	SM 2540C-2020	990536		
92843245018	**HAM-GWC-22**	SM 2540C-2020	990536		
92843245019	**HAM-GWC-23**	SM 2540C-2020	990536		
92843245020	**HAM-HLF-ABE-FD-01**	SM 2540C-2020	990536		
92843245021	**HAM-HLF-ABE-FD-02**	SM 2540C-2020	990536		

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Hammond-Huffaker-Parcels ABE
Pace Project No.: 92843245

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92843245022	**HAM-HLF-ABE-EB-02**	SM 2540C-2020	990536		
92843245023	**HAM-HLF-ABE-FB-02**	SM 2540C-2020	990536		
92843245001	**HAM-GWA-1**	EPA 300.0 Rev 2.1 1993	989915		
92843245002	**HAM-GWA-2**	EPA 300.0 Rev 2.1 1993	989915		
92843245003	**HAM-GWA-3**	EPA 300.0 Rev 2.1 1993	989915		
92843245004	**HAM-GWA-4**	EPA 300.0 Rev 2.1 1993	989915		
92843245005	**HAM-GWA-11**	EPA 300.0 Rev 2.1 1993	989915		
92843245006	**HAM-GWC-5**	EPA 300.0 Rev 2.1 1993	989915		
92843245007	**HAM-GWC-10**	EPA 300.0 Rev 2.1 1993	989915		
92843245008	**HAM-HLF-ABE-GWC-19**	EPA 300.0 Rev 2.1 1993	989916		
92843245009	**HAM-HLF-ABE-EB-01**	EPA 300.0 Rev 2.1 1993	989916		
92843245010	**HAM-HLF-ABE-FB-01**	EPA 300.0 Rev 2.1 1993	989916		
92843245011	**HAM-HLF-ABE-GWC-6**	EPA 300.0 Rev 2.1 1993	990532		
92843245012	**HAM-GWC-7**	EPA 300.0 Rev 2.1 1993	990532		
92843245013	**HAM-HLF-ABE-GWC-8**	EPA 300.0 Rev 2.1 1993	990532		
92843245014	**HAM-GWC-9**	EPA 300.0 Rev 2.1 1993	990532		
92843245015	**HAM-GWC-18**	EPA 300.0 Rev 2.1 1993	990532		
92843245016	**HAM-GWC-20**	EPA 300.0 Rev 2.1 1993	990533		
92843245017	**HAM-GWC-21**	EPA 300.0 Rev 2.1 1993	990532		
92843245018	**HAM-GWC-22**	EPA 300.0 Rev 2.1 1993	990532		
92843245019	**HAM-GWC-23**	EPA 300.0 Rev 2.1 1993	990532		
92843245020	**HAM-HLF-ABE-FD-01**	EPA 300.0 Rev 2.1 1993	990532		
92843245021	**HAM-HLF-ABE-FD-02**	EPA 300.0 Rev 2.1 1993	990532		
92843245022	**HAM-HLF-ABE-EB-02**	EPA 300.0 Rev 2.1 1993	990532		
92843245023	**HAM-HLF-ABE-FB-02**	EPA 300.0 Rev 2.1 1993	990532		
92843245001	**HAM-GWA-1**	EPA 3005A	990068	EPA 6020B	993314
92843245002	**HAM-GWA-2**	EPA 3005A	990068	EPA 6020B	993314
92843245003	**HAM-GWA-3**	EPA 3005A	990068	EPA 6020B	993314
92843245004	**HAM-GWA-4**	EPA 3005A	990068	EPA 6020B	993314
92843245005	**HAM-GWA-11**	EPA 3005A	990068	EPA 6020B	993314
92843245006	**HAM-GWC-5**	EPA 3005A	990068	EPA 6020B	993314
92843245007	**HAM-GWC-10**	EPA 3005A	990068	EPA 6020B	993314
92843245008	**HAM-HLF-ABE-GWC-19**	EPA 3005A	990068	EPA 6020B	993314
92843245009	**HAM-HLF-ABE-EB-01**	EPA 3005A	990068	EPA 6020B	993314
92843245010	**HAM-HLF-ABE-FB-01**	EPA 3005A	990068	EPA 6020B	993314
92843245011	**HAM-HLF-ABE-GWC-6**	EPA 3005A	990675	EPA 6020B	994644
92843245012	**HAM-GWC-7**	EPA 3005A	990675	EPA 6020B	994644
92843245013	**HAM-HLF-ABE-GWC-8**	EPA 3005A	990675	EPA 6020B	994644
92843245014	**HAM-GWC-9**	EPA 3005A	990675	EPA 6020B	994644
92843245015	**HAM-GWC-18**	EPA 3005A	990675	EPA 6020B	994644
92843245016	**HAM-GWC-20**	EPA 3005A	990675	EPA 6020B	994644
92843245017	**HAM-GWC-21**	EPA 3005A	990675	EPA 6020B	994644
92843245018	**HAM-GWC-22**	EPA 3005A	990675	EPA 6020B	994644
92843245019	**HAM-GWC-23**	EPA 3005A	990678	EPA 6020B	994068
92843245020	**HAM-HLF-ABE-FD-01**	EPA 3005A	990678	EPA 6020B	994068

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Hammond-Huffaker-Parcels ABE
Pace Project No.: 92843245

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92843245021	**HAM-HLF-ABE-FD-02**	EPA 3005A	990678	EPA 6020B	994068
92843245022	**HAM-HLF-ABE-EB-02**	EPA 3005A	990678	EPA 6020B	994068
92843245023	**HAM-HLF-ABE-FB-02**	EPA 3005A	990678	EPA 6020B	994068

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Pace	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# : 92843245

92843245

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: 2/10/26 CM

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: 1.8 **Correction Factor:** Add/Subtract (°C) 0.0

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

Cooler Temp Corrected (°C): 1.8

USDA Regulated Soil (☐ N/A, water sample)
Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? ☐ Yes ☐ No

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

				Comments/Discrepancy:
Chain of Custody Present?	☑ 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#: 92843245

PM: BV Due Date: 02/24/26

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

Pace® Location Requested (City/State):
Pace Analytical Charlotte
9800 Kincey Ave. Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Georgia Power- Hammond
Street Address: 241 Ralph McGill Blvd NE
Bin 10160
Atlanta, GA 30308
Customer Project #:
Project Name: Plant Hammond-Huffaker -1st SA
Site Collection Info/Facility ID (as applicable):

Contact/Report To: Kristen Jurinko
Phone #: 470-217-0008
E-Mail: knjurink@southernco.com
Cc E-Mail:
Invoice To: Account Payable
Invoice E-Mail: georgiapowerinvoices@southernco.com
Purchase Order # (if applicable): GPC82474-0011
Quote #:

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET
County / State origin of sample(s): Georgia
Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other
Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No
Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____
DW PWSID # or WW Permit # as applicable:
Date Results Requested:
Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

Specify Container Size **
Identify Container Preservative Type***
Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj. Mgr: Bonnie Vang; AcctNum / Client ID:; Table #:; Profile / Template: 16483; Prelog / Bottle Ord. ID: EZ 3283444

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	2540C Total Dissolved Solids	300.0-Cl, SO4, F	Total Metals (Huffaker)	Major Ions (Profile 10839-2)	Sample Comment	Preservation non-conformance identified for sample.
HAM-GWA-1	WG	Grab			2/8/2026	1032	5			X	X	X	X	Temp = 14 deg C	
HAM-GWA-2	WG	Grab			2/8/2026	1045	5			X	X	X	X	Temp = 15 deg C	
HAM-GWA-3	WG	Grab			2/8/2026	1316	5			X	X	X	X	Temp = 13 deg C	
HAM-GWA-4	WG	Grab			2/7/2026	1538	5			X	X	X	X	Temp = 15 deg C	
HAM-GWA-11	WG	Grab			2/8/2026	1306	5			X	X	X	X	Temp = 16 deg C	
HAM-GWC-5	WG	Grab			2/8/2026	1719	5			X	X	X	X	Temp = 14 deg C	
HAM-GWC-10	WG	Grab	ZW 2/8/2026		2/8/2026	1659	5			X	X	X	X	Temp = 16 deg C	
HAM-HLF-ABE-GWC-19	WG	Grab			2/8/2026	1537	5			X	X	X	X	Temp = 17 deg C	
HAM-HLF-ABE-EB-01	WQ	Grab			2/8/2026	1635	4			X	X	X		Temp = 15 deg C	
HAM-HLF-ABE-FB-01	WQ	Grab			2/8/2026	1630	4	ZW 2/8/2026		X	X	X		Temp = 15 deg C	

Additional Instructions from Pace®:
Task Code: HAM-CCR-ASSMT-202651. Huffaker Total Metals include Sb, As, Ba, Be, B, Cd, Ca, Cl, Cr, Co, Cu, F, Pb, Ni, Se, Ag, SO4, Tl, TDS, V, Zn. Major Ions includes Alk, Bicarb Alk, Mg, K, Na.

Collected By: (Printed Name) Zain Webb, Sam Weatherly, Nick Creech
Signature: Zain Webb, SWeatherly, [illegible]

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: | Thermometer ID: | Correction Factor (°C): | Obs. Temp. (°C) | Corrected Temp. (°C) | On Ice:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Zain Webb / Geosyntec	2/9/26 1405	Ryan William / Pace	2/9/26 1405
Ryan Williams / Pace	2/9/26 1705	[illegible] / Pace	2/9/26 1705
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:
Delivered by: [ ] In- Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 1 of 1

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

ENV-FRM-CORQ-0019_v02_110123 ©

Pace	**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 #:

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: 2/4/26 CDH

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

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

Thermometer: ☑ IR Gun ID: 214

Type of Ice: ☑ Wet ☐ Blue ☐ None

Cooler Temp: 1.8/2.1/1.7 **Correction Factor:** Add/Subtract (°C) 0.0

Temp should be above freezing to 6°C

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

Cooler Temp Corrected (°C): 1.8/2.1/1.7

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	

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:** _____

Pace	**DC#_Title: ENV-FRM-HUN1-0083 v05_Sample Condition Upon Receipt**
	Effective Date: 05/24/2024

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**
Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, 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		2	1				2✓																						
2		2	1				2✓																						
3		2	1				2✓																						
4		2	1				2✓																						
5		2	1				2✓																						
6		2	1				2✓																						
7		2	1				2✓																						
8		2	1				2✓																						
9		2	1				2✓																						
10		1	1				2✓																						
11		1	1				2✓																						
12		1	1				2✓																						

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.

*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				2 ✓																						
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pH Adjustment Log for Preserved Samples

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

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

Pace® Location Requested (City/State):
Pace Analytical Charlotte
9800 Kincey Ave. Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Georgia Power- Hammond
Street Address: 241 Ralph McGill Blvd NE
Bin 10160
Atlanta, GA 30308
Customer Project #:
Project Name: Plant Hammond-Huffaker -1st SA
Site Collection Info/Facility ID (as applicable):

Contact/Report To: Kristen Jurinko
Phone #: 470-217-0008
E-Mail: knjurink@southernco.com
Cc E-Mail:
Invoice To: Account Payable
Invoice E-Mail: georgiapowerinvoices@southernco.com
Purchase Order # (if applicable): GPC82474-0011
Quote #:

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET
County / State origin of sample(s): Georgia
Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other
Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No
Rush (Pro-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____
DW PWSID # or WW Permit # as applicable:
Date Results Requested:
Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **
Identify Container Preservative Type***
Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj. Mgr: Bonnie Vang; AcctNum / Client ID:; Table #:; Profile / Template: 16483; Prelog / Bottle Ord. ID: EZ 3283444

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	2540C Total Dissolved Solids	300.0-Cl, SO4, F	Total Metals (Huffaker)	Major Ions (Profile 10839-2)	Sample Comment	Preservation non-conformance identified for sample
HAM-HLF-ABE-GWC-6	WG	Grab			2/9/2026	1311	5			X	X	X	X	Temp = 17 deg C	
HAM-GWC-7	WG	Grab			2/9/2026	1035	5			X	X	X	X	Temp = 15 deg C	
HAM-HLF-ABE-GWC-8	WG	Grab			2/9/2026	1145	5			X	X	X	X	Temp = 15 deg C	
HAM-GWC-9	WG	Grab			2/9/2026	1225	5			X	X	X	X	Temp = 15 deg C	
HAM-GWC-18	WG	Grab			2/10/2026	1305	5			X	X	X	X	Temp = 18 deg C	
HAM-GWC-20	WG	Grab			2/9/2026	1624	5			X	X	X	X	Temp = 15 deg C	
HAM-GWC-21	WG	Grab	ZW 2/10/2026		2/9/2026	1125	5			X	X	X	X	Temp = 10 deg C	
HAM-GWC-22	WG	Grab			2/9/2026	1246	5			X	X	X	X	Temp = 15 deg C	
HAM-GWC-23	WG	Grab			2/9/2026	1801	5	ZW 2/10/2026		X	X	X	X	Temp = 16 deg C	
HAM-HLF-ABE-FD-01	WG	Grab			2/9/2026	0000	4			X	X	X		Temp = 15 deg C	

Additional Instructions from Pace®:
Task Code: HAM-CCR-ASSMT-2026S1. Huffaker Total Metals include Sb, As, Ba, Be, B, Cd, Ca, Cl, Cr, Co, Cu, F, Pb, Ni, Se, Ag, SO4, Tl, TDS, V, Zn. Major Ions includes Alk, Bicarb Alk, Mg, K, Na.

Collected By: (Printed Name) Sam Weatherly, Zain Webb
Signature: SWeatherly Zain Webb

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: Thermometer ID: Correction Factor (°C): Obs Temp. (°C) Corrected Temp. (°C) On Ice:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
SWeatherly / Georgia Pr	2/11/2026 1313:35	Lyan William / Pace	2/11/2026 1335
Lyan William / Pace	2/11/2026 1425	Chuck Hale 2/11/26	1425

Tracking Number:
Delivered by: [ ] In- Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

ENV-FRM-CORQ-0019_v02_110123 ©

Pace® Location Requested (City/State):
Pace Analytical Charlotte
9800 Kincey Ave. Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name:	Georgia Power- Hammond	Contact/Report To:	Kristen Jurinko
Street Address:	241 Ralph McGill Blvd NE Bin 10160 Atlanta, GA 30308	Phone #:	470-217-0008
		E-Mail:	knjurink@southernco.com
		Cc E-Mail:	
Customer Project #:			
Project Name:	Plant Hammond-Huffaker -1st SA	Invoice To:	Account Payable
		Invoice E-Mail:	georgiapowerinvoices@southernco.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (If applicable):	GPC82474-0011
		Quote #:	

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET

County / State origin of sample(s): Georgia

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	2540C Total Dissolved Solids	300.0-Cl, SO4, F	Total Metals (Huffaker)	Major Ions (Profile 10839-2)	Sample Comment	Preservation non-conformance identified for sample
HAM-HLF-ABE-FD-02	WG	Grab			2/9/2026	0000	4			X	X	X		Temp = 15 deg C	
HAM-HLF-ABE-EB-02	WQ	Grab			2/9/2026	1635	4			X	X	X		Temp = 15 deg C	
HAM-HLF-ABE-FB-02	WQ	Grab	ZW 2/10/2026		2/9/2026	1630	4			X	X	X		Temp = 15 deg C	
								ZW 2/10/2026						Last sample.	
			ZW 2/10/2026												

Lab Use Only: Proj. Mgr: Bonnie Vang; AcctNum / Client ID:; Table #:; Profile / Template: 16483; Prelog / Bottle Ord. ID: EZ 3283444

Additional Instructions from Pace®:
Task Code: HAM-CCR-ASSMT-2026S1. Huffaker Total Metals include Sb, As, Ba, Be, B, Cd, Ca, Cl, Cr, Co, Cu, F, Pb, Ni, Se, Ag, SO4, Tl, TDS, V, Zn. Major Ions includes Alk, Bicarb Alk, Mg, K, Na.

Collected By: Sam Weatherly, Zain Webb (Printed Name)

Signature: S Weatherly, Zain Webb

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
S Weatherly / Georgia	2/11/2026 13:35	Ryan Williams / Pace	2/11/2026 1335
Ryan Williams / Pace	2/11/2026 1425	Charles Hendrix 2/11/26	1425

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 2 of 2

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

ENV-FRM-CORO-0019_v02_110123

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

March 27, 2026

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

RE: Project: Huffaker-Parcels AB&E-1st Bkgd
Pace Project No.: 92845019

Dear Kristen Jurinko:

Enclosed are the analytical results for sample(s) received by the laboratory between February 18, 2026 and February 20, 2026. 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 National - Mt. Juliet
- 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
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
Amanda Tomlinson, Geosyntec Consultants
Zain Webb, Geosyntec Consultants

REPORT OF LABORATORY ANALYSIS

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

CERTIFICATIONS

Project: Huffaker-Parcels AB&E-1st Bkgd
Pace Project No.: 92845019

Pace Analytical Services National
12065 Lebanon Road, Mt. Juliet, TN 37122
Alabama Certification #: 40660
Alaska Certification 17-026
Arizona Certification #: AZ0612
Arkansas Certification #: 88-0469
California Certification #: 2932
Canada Certification #: 1461.01
Colorado Certification #: TN00003
Connecticut Certification #: PH-0197
DOD Certification: #1461.01
EPA# TN00003
Florida Certification #: E87487
Georgia DW Certification #: 923
Georgia Certification: NELAP
Idaho Certification #: TN00003
Illinois Certification #: 200008
Indiana Certification #: C-TN-01
Iowa Certification #: 364
Kansas Certification #: E-10277
Kentucky UST Certification #: 16
Kentucky Certification #: 90010
Louisiana Certification #: AI30792
Louisiana DW Certification #: LA180010
Maine Certification #: TN0002
Maryland Certification #: 324
Massachusetts Certification #: M-TN003
Michigan Certification #: 9958
Minnesota Certification #: 047-999-395
Mississippi Certification #: TN00003
Missouri Certification #: 340
Montana Certification #: CERT0086
Nebraska Certification #: NE-OS-15-05
Nevada Certification #: TN-03-2002-34
New Hampshire Certification #: 2975
New Jersey Certification #: TN002
New Mexico DW Certification
New York Certification #: 11742
North Carolina Aquatic Toxicity Certification #: 41
North Carolina Drinking Water Certification #: 21704
North Carolina Environmental Certificate #: 375
North Dakota Certification #: R-140
Ohio VAP Certification #: CL0069
Oklahoma Certification #: 9915
Oregon Certification #: TN200002
Pennsylvania Certification #: 68-02979
Rhode Island Certification #: LAO00356
South Carolina Certification #: 84004
South Dakota Certification
Tennessee DW/Chem/Micro Certification #: 2006
Texas Mold Certification #: LAB0152
Texas Certification #: T 104704245-17-14
USDA Soil Permit #: P330-15-00234
Utah Certification #: TN00003
Virginia Certification #: VT2006
Vermont Dept. of Health: ID# VT-2006
Virginia Certification #: 460132
Washington Certification #: C847
West Virginia Certification #: 233
Wisconsin Certification #: 998093910
Wyoming UST Certification #: via A2LA 2926.01
A2LA-ISO 17025 Certification #: 1461.01
A2LA-ISO 17025 Certification #: 1461.02
AIHA-LAP/LLC EMLAP Certification #:100789

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

SAMPLE SUMMARY

Project: Huffaker-Parcels AB&E-1st Bkgd
Pace Project No.: 92845019

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92845019001	**HAM-GWC-21A**	Water	02/17/26 12:47	02/18/26 16:35
92845019002	**HAM-GWC-42**	Water	02/17/26 15:27	02/18/26 16:35
92845019003	**HAM-GWC-44**	Water	02/17/26 17:17	02/18/26 16:35
92845019004	**HAM-HLF-ABE-FD-01**	Water	02/17/26 00:00	02/18/26 16:35
92845019005	**HAM-HLF-ABE-EB-01**	Water	02/17/26 17:35	02/18/26 16:35
92845019006	**HAM-HLF-ABE-FB-01**	Water	02/17/26 17:30	02/18/26 16:35
92845019014	**HAM-GWC-43**	Water	02/18/26 09:05	02/20/26 15:01

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

SAMPLE ANALYTE COUNT

Project: Huffaker-Parcels AB&E-1st Bkgd
Pace Project No.: 92845019

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92845019001	**HAM-GWC-21A**	EPA 6020B	TMT	1	PAN
		SM 2540C-2020	CDM	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6020B	ARB, BW	18	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92845019002	**HAM-GWC-42**	EPA 6020B	TMT	1	PAN
		SM 2540C-2020	CDM	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6020B	ARB, BW	18	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92845019003	**HAM-GWC-44**	EPA 6020B	TMT	1	PAN
		SM 2540C-2020	CDM	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6020B	ARB, BW	18	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92845019004	**HAM-HLF-ABE-FD-01**	EPA 6020B	TMT	1	PAN
		SM 2540C-2020	CDM	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6020B	ARB, BW	18	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92845019005	**HAM-HLF-ABE-EB-01**	EPA 6020B	LD	1	PAN
		SM 2540C-2020	CDM	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6020B	ARB, BW	18	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92845019006	**HAM-HLF-ABE-FB-01**	EPA 6020B	LD	1	PAN
		SM 2540C-2020	CDM	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6020B	ARB, BW	18	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92845019014	**HAM-GWC-43**	EPA 6020B	TMT	1	PAN
		SM 2540C-2020	ACE	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6020B	BW, JJM1	18	PASI-WC
		EPA 7470A	DH	1	PASI-WC

PAN = Pace National - Mt. Juliet
PASI-A = Pace Analytical Services - Asheville

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

SAMPLE ANALYTE COUNT

Project: Huffaker-Parcels AB&E-1st Bkgd
Pace Project No.: 92845019

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory

PASI-WC = Pace Analytical Services - West Columbia

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

SUMMARY OF DETECTION

Project: Huffaker-Parcels AB&E-1st Bkgd
Pace Project No.: 92845019

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92845019001	**HAM-GWC-21A**					
EPA 6020B	Lithium	0.0163	mg/L	0.00200	02/25/26 17:00	
SM 2540C-2020	Total Dissolved Solids	240	mg/L	25.0	02/21/26 17:54	
EPA 300.0 Rev 2.1 1993	Chloride	1.2	mg/L	1.0	02/20/26 03:46	
EPA 300.0 Rev 2.1 1993	Fluoride	0.10	mg/L	0.10	02/20/26 03:46	
EPA 300.0 Rev 2.1 1993	Sulfate	18.0	mg/L	1.0	02/20/26 03:46	
EPA 6020B	Arsenic	0.00042J	mg/L	0.0020	03/13/26 14:09	
EPA 6020B	Barium	0.15	mg/L	0.0050	03/13/26 14:09	
EPA 6020B	Boron	0.073	mg/L	0.040	03/20/26 13:29	
EPA 6020B	Calcium	60.1	mg/L	2.0	03/20/26 13:03	
92845019002	**HAM-GWC-42**					
EPA 6020B	Lithium	0.0296	mg/L	0.00200	02/25/26 17:03	
SM 2540C-2020	Total Dissolved Solids	314	mg/L	25.0	02/21/26 17:54	
EPA 300.0 Rev 2.1 1993	Chloride	2.2	mg/L	1.0	02/20/26 04:01	
EPA 300.0 Rev 2.1 1993	Fluoride	0.11	mg/L	0.10	02/20/26 04:01	
EPA 300.0 Rev 2.1 1993	Sulfate	101	mg/L	2.0	02/20/26 15:01	
EPA 6020B	Barium	0.14	mg/L	0.0050	03/13/26 14:12	
EPA 6020B	Boron	0.027J	mg/L	0.040	03/20/26 13:37	
EPA 6020B	Calcium	56.7	mg/L	0.40	03/13/26 14:12	
EPA 6020B	Chromium	0.00030J	mg/L	0.0050	03/13/26 14:12	
EPA 6020B	Cobalt	0.0029J	mg/L	0.0050	03/13/26 14:12	
EPA 6020B	Nickel	0.0080	mg/L	0.0050	03/13/26 14:12	
92845019003	**HAM-GWC-44**					
EPA 6020B	Lithium	0.0315	mg/L	0.00200	02/25/26 17:06	
SM 2540C-2020	Total Dissolved Solids	440	mg/L	25.0	02/21/26 17:54	
EPA 300.0 Rev 2.1 1993	Chloride	2.0	mg/L	1.0	02/20/26 04:43	
EPA 300.0 Rev 2.1 1993	Fluoride	0.20	mg/L	0.10	02/20/26 04:43	
EPA 300.0 Rev 2.1 1993	Sulfate	46.4	mg/L	1.0	02/20/26 04:43	
EPA 6020B	Arsenic	0.00047J	mg/L	0.0020	03/13/26 14:16	
EPA 6020B	Barium	0.41	mg/L	0.0050	03/13/26 14:16	
EPA 6020B	Boron	0.36	mg/L	0.20	03/20/26 14:03	
EPA 6020B	Calcium	89.3	mg/L	2.0	03/20/26 14:03	
EPA 6020B	Chromium	0.00032J	mg/L	0.0050	03/13/26 14:16	
92845019004	**HAM-HLF-ABE-FD-01**					
EPA 6020B	Lithium	0.0175	mg/L	0.00200	02/25/26 17:09	
SM 2540C-2020	Total Dissolved Solids	251	mg/L	25.0	02/21/26 17:54	
EPA 300.0 Rev 2.1 1993	Chloride	1.2	mg/L	1.0	02/20/26 04:58	
EPA 300.0 Rev 2.1 1993	Fluoride	0.11	mg/L	0.10	02/20/26 04:58	
EPA 300.0 Rev 2.1 1993	Sulfate	18.1	mg/L	1.0	02/20/26 04:58	
EPA 6020B	Arsenic	0.00044J	mg/L	0.0020	03/13/26 14:19	
EPA 6020B	Barium	0.15	mg/L	0.0050	03/13/26 14:19	
EPA 6020B	Boron	0.077	mg/L	0.040	03/20/26 14:12	
EPA 6020B	Calcium	67.2	mg/L	2.0	03/13/26 14:22	
92845019005	**HAM-HLF-ABE-EB-01**					
EPA 6020B	Chromium	0.00027J	mg/L	0.0050	03/13/26 14:25	

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SUMMARY OF DETECTION

Project: Huffaker-Parcels AB&E-1st Bkgd
Pace Project No.: 92845019

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92845019014	**HAM-GWC-43**					
EPA 6020B	Lithium	0.0146	mg/L	0.00200	02/27/26 12:47	
SM 2540C-2020	Total Dissolved Solids	235	mg/L	25.0	02/25/26 11:39	
EPA 300.0 Rev 2.1 1993	Chloride	2.5	mg/L	1.0	02/25/26 02:16	
EPA 300.0 Rev 2.1 1993	Sulfate	28.7	mg/L	1.0	02/25/26 02:16	
EPA 6020B	Barium	0.13	mg/L	0.0050	03/20/26 15:08	
EPA 6020B	Boron	0.017J	mg/L	0.040	03/23/26 23:17	
EPA 6020B	Calcium	61.6	mg/L	2.0	03/23/26 18:22	M1
EPA 6020B	Chromium	0.00027J	mg/L	0.0050	03/20/26 15:08	
EPA 6020B	Nickel	0.0013J	mg/L	0.0050	03/20/26 15:08	

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ANALYTICAL RESULTS

Project: Huffaker-Parcels AB&E-1st Bkgd
Pace Project No.: 92845019

Sample: HAM-GWC-21A **Lab ID: 92845019001** Collected: 02/17/26 12:47 Received: 02/18/26 16:35 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Metals (ICPMS) 6020B	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Lithium	**0.0163**	mg/L	0.00200	0.000600	1	02/24/26 20:07	02/25/26 17:00	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**240**	mg/L	25.0	25.0	1		02/21/26 17:54		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**1.2**	mg/L	1.0	0.60	1		02/20/26 03:46	16887-00-6	
Fluoride	**0.10**	mg/L	0.10	0.050	1		02/20/26 03:46	16984-48-8	
Sulfate	**18.0**	mg/L	1.0	0.50	1		02/20/26 03:46	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/25/26 19:26	03/13/26 14:09	7440-36-0	
Arsenic	**0.00042J**	mg/L	0.0020	0.00041	1	02/25/26 19:26	03/13/26 14:09	7440-38-2	
Barium	**0.15**	mg/L	0.0050	0.00056	1	02/25/26 19:26	03/13/26 14:09	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/25/26 19:26	03/13/26 14:09	7440-41-7	
Boron	**0.073**	mg/L	0.040	0.0073	1	02/25/26 19:26	03/20/26 13:29	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/25/26 19:26	03/13/26 14:09	7440-43-9	
Calcium	**60.1**	mg/L	2.0	0.50	5	02/25/26 19:26	03/20/26 13:03	7440-70-2	
Chromium	ND	mg/L	0.0050	0.00024	1	02/25/26 19:26	03/13/26 14:09	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00012	1	02/25/26 19:26	03/13/26 14:09	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	02/25/26 19:26	03/13/26 14:09	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	02/25/26 19:26	03/13/26 14:09	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	02/25/26 19:26	03/13/26 14:09	7439-98-7	
Nickel	ND	mg/L	0.0050	0.00092	1	02/25/26 19:26	03/13/26 14:09	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	02/25/26 19:26	03/13/26 14:09	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	02/25/26 19:26	03/13/26 14:09	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	02/25/26 19:26	03/13/26 14:09	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	02/25/26 19:26	03/13/26 14:09	7440-62-2	
Zinc	ND	mg/L	0.010	0.0014	1	02/25/26 19:26	03/13/26 14:09	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	ug/L	0.20	0.091	1	02/20/26 17:57	02/22/26 14:55	7439-97-6	

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ANALYTICAL RESULTS

Project: Huffaker-Parcels AB&E-1st Bkgd
Pace Project No.: 92845019

Sample: HAM-GWC-42 **Lab ID: 92845019002** Collected: 02/17/26 15:27 Received: 02/18/26 16:35 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Metals (ICPMS) 6020B	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Lithium	**0.0296**	mg/L	0.00200	0.000600	1	02/24/26 20:07	02/25/26 17:03	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**314**	mg/L	25.0	25.0	1		02/21/26 17:54		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**2.2**	mg/L	1.0	0.60	1		02/20/26 04:01	16887-00-6	
Fluoride	**0.11**	mg/L	0.10	0.050	1		02/20/26 04:01	16984-48-8	
Sulfate	**101**	mg/L	2.0	1.0	2		02/20/26 15:01	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/25/26 19:26	03/13/26 14:12	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	02/25/26 19:26	03/13/26 14:12	7440-38-2	
Barium	**0.14**	mg/L	0.0050	0.00056	1	02/25/26 19:26	03/13/26 14:12	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/25/26 19:26	03/13/26 14:12	7440-41-7	
Boron	**0.027J**	mg/L	0.040	0.0073	1	02/25/26 19:26	03/20/26 13:37	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/25/26 19:26	03/13/26 14:12	7440-43-9	
Calcium	**56.7**	mg/L	0.40	0.10	1	02/25/26 19:26	03/13/26 14:12	7440-70-2	
Chromium	**0.00030J**	mg/L	0.0050	0.00024	1	02/25/26 19:26	03/13/26 14:12	7440-47-3	
Cobalt	**0.0029J**	mg/L	0.0050	0.00012	1	02/25/26 19:26	03/13/26 14:12	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	02/25/26 19:26	03/13/26 14:12	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	02/25/26 19:26	03/13/26 14:12	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	02/25/26 19:26	03/13/26 14:12	7439-98-7	
Nickel	**0.0080**	mg/L	0.0050	0.00092	1	02/25/26 19:26	03/13/26 14:12	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	02/25/26 19:26	03/13/26 14:12	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	02/25/26 19:26	03/13/26 14:12	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	02/25/26 19:26	03/13/26 14:12	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	02/25/26 19:26	03/13/26 14:12	7440-62-2	
Zinc	ND	mg/L	0.010	0.0014	1	02/25/26 19:26	03/13/26 14:12	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	ug/L	0.20	0.091	1	02/20/26 17:57	02/22/26 14:58	7439-97-6	

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ANALYTICAL RESULTS

Project: Huffaker-Parcels AB&E-1st Bkgd
Pace Project No.: 92845019

Sample: HAM-GWC-44 **Lab ID: 92845019003** Collected: 02/17/26 17:17 Received: 02/18/26 16:35 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Metals (ICPMS) 6020B	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Lithium	**0.0315**	mg/L	0.00200	0.000600	1	02/24/26 20:07	02/25/26 17:06	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**440**	mg/L	25.0	25.0	1		02/21/26 17:54		
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		02/20/26 04:43	16887-00-6	
Fluoride	**0.20**	mg/L	0.10	0.050	1		02/20/26 04:43	16984-48-8	
Sulfate	**46.4**	mg/L	1.0	0.50	1		02/20/26 04:43	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/25/26 19:26	03/13/26 14:16	7440-36-0	
Arsenic	**0.00047J**	mg/L	0.0020	0.00041	1	02/25/26 19:26	03/13/26 14:16	7440-38-2	
Barium	**0.41**	mg/L	0.0050	0.00056	1	02/25/26 19:26	03/13/26 14:16	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/25/26 19:26	03/13/26 14:16	7440-41-7	
Boron	**0.36**	mg/L	0.20	0.037	5	02/25/26 19:26	03/20/26 14:03	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/25/26 19:26	03/13/26 14:16	7440-43-9	
Calcium	**89.3**	mg/L	2.0	0.50	5	02/25/26 19:26	03/20/26 14:03	7440-70-2	
Chromium	**0.00032J**	mg/L	0.0050	0.00024	1	02/25/26 19:26	03/13/26 14:16	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00012	1	02/25/26 19:26	03/13/26 14:16	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	02/25/26 19:26	03/13/26 14:16	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	02/25/26 19:26	03/13/26 14:16	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	02/25/26 19:26	03/13/26 14:16	7439-98-7	
Nickel	ND	mg/L	0.0050	0.00092	1	02/25/26 19:26	03/13/26 14:16	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	02/25/26 19:26	03/13/26 14:16	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	02/25/26 19:26	03/13/26 14:16	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	02/25/26 19:26	03/13/26 14:16	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	02/25/26 19:26	03/13/26 14:16	7440-62-2	
Zinc	ND	mg/L	0.010	0.0014	1	02/25/26 19:26	03/13/26 14:16	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	ug/L	0.20	0.091	1	02/20/26 17:57	02/22/26 15:00	7439-97-6	

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ANALYTICAL RESULTS

Project: Huffaker-Parcels AB&E-1st Bkgd
Pace Project No.: 92845019

Sample: HAM-HLF-ABE-FD-01 **Lab ID: 92845019004** Collected: 02/17/26 00:00 Received: 02/18/26 16:35 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Metals (ICPMS) 6020B	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Lithium	**0.0175**	mg/L	0.00200	0.000600	1	02/24/26 20:07	02/25/26 17:09	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**251**	mg/L	25.0	25.0	1		02/21/26 17:54		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**1.2**	mg/L	1.0	0.60	1		02/20/26 04:58	16887-00-6	
Fluoride	**0.11**	mg/L	0.10	0.050	1		02/20/26 04:58	16984-48-8	
Sulfate	**18.1**	mg/L	1.0	0.50	1		02/20/26 04:58	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/25/26 19:26	03/13/26 14:19	7440-36-0	
Arsenic	**0.00044J**	mg/L	0.0020	0.00041	1	02/25/26 19:26	03/13/26 14:19	7440-38-2	
Barium	**0.15**	mg/L	0.0050	0.00056	1	02/25/26 19:26	03/13/26 14:19	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/25/26 19:26	03/13/26 14:19	7440-41-7	
Boron	**0.077**	mg/L	0.040	0.0073	1	02/25/26 19:26	03/20/26 14:12	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/25/26 19:26	03/13/26 14:19	7440-43-9	
Calcium	**67.2**	mg/L	2.0	0.50	5	02/25/26 19:26	03/13/26 14:22	7440-70-2	
Chromium	ND	mg/L	0.0050	0.00024	1	02/25/26 19:26	03/13/26 14:19	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00012	1	02/25/26 19:26	03/13/26 14:19	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	02/25/26 19:26	03/13/26 14:19	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	02/25/26 19:26	03/13/26 14:19	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	02/25/26 19:26	03/13/26 14:19	7439-98-7	
Nickel	ND	mg/L	0.0050	0.00092	1	02/25/26 19:26	03/13/26 14:19	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	02/25/26 19:26	03/13/26 14:19	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	02/25/26 19:26	03/13/26 14:19	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	02/25/26 19:26	03/13/26 14:19	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	02/25/26 19:26	03/13/26 14:19	7440-62-2	
Zinc	ND	mg/L	0.010	0.0014	1	02/25/26 19:26	03/13/26 14:19	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	ug/L	0.20	0.091	1	02/20/26 17:57	02/22/26 15:03	7439-97-6	

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ANALYTICAL RESULTS

Project: Huffaker-Parcels AB&E-1st Bkgd
Pace Project No.: 92845019

Sample: HAM-HLF-ABE-EB-01 **Lab ID: 92845019005** Collected: 02/17/26 17:35 Received: 02/18/26 16:35 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Metals (ICPMS) 6020B	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Lithium	ND	mg/L	0.00200	0.000600	1	02/23/26 08:51	02/23/26 18:23	7439-93-2	L0
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	ND	mg/L	25.0	25.0	1		02/21/26 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		02/20/26 01:37	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/20/26 01:37	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		02/20/26 01:37	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/25/26 19:26	03/13/26 14:25	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	02/25/26 19:26	03/13/26 14:25	7440-38-2	
Barium	ND	mg/L	0.0050	0.00056	1	02/25/26 19:26	03/13/26 14:25	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/25/26 19:26	03/13/26 14:25	7440-41-7	
Boron	ND	mg/L	0.040	0.0073	1	02/25/26 19:26	03/20/26 14:21	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/25/26 19:26	03/13/26 14:25	7440-43-9	
Calcium	ND	mg/L	0.40	0.10	1	02/25/26 19:26	03/13/26 14:25	7440-70-2	
Chromium	**0.00027J**	mg/L	0.0050	0.00024	1	02/25/26 19:26	03/13/26 14:25	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00012	1	02/25/26 19:26	03/13/26 14:25	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	02/25/26 19:26	03/13/26 14:25	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	02/25/26 19:26	03/13/26 14:25	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	02/25/26 19:26	03/13/26 14:25	7439-98-7	
Nickel	ND	mg/L	0.0050	0.00092	1	02/25/26 19:26	03/13/26 14:25	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	02/25/26 19:26	03/13/26 14:25	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	02/25/26 19:26	03/13/26 14:25	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	02/25/26 19:26	03/13/26 14:25	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	02/25/26 19:26	03/13/26 14:25	7440-62-2	
Zinc	ND	mg/L	0.010	0.0014	1	02/25/26 19:26	03/13/26 14:25	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	ug/L	0.20	0.091	1	02/20/26 17:57	02/22/26 15:06	7439-97-6	

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ANALYTICAL RESULTS

Project: Huffaker-Parcels AB&E-1st Bkgd
Pace Project No.: 92845019

Sample: HAM-HLF-ABE-FB-01 **Lab ID: 92845019006** Collected: 02/17/26 17:30 Received: 02/18/26 16:35 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Metals (ICPMS) 6020B	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Lithium	ND	mg/L	0.00200	0.000600	1	02/23/26 08:51	02/23/26 18:26	7439-93-2	L0
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	ND	mg/L	25.0	25.0	1		02/21/26 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		02/20/26 01:52	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/20/26 01:52	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		02/20/26 01:52	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/25/26 19:26	03/13/26 14:28	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	02/25/26 19:26	03/13/26 14:28	7440-38-2	
Barium	ND	mg/L	0.0050	0.00056	1	02/25/26 19:26	03/13/26 14:28	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/25/26 19:26	03/13/26 14:28	7440-41-7	
Boron	ND	mg/L	0.040	0.0073	1	02/25/26 19:26	03/20/26 14:29	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/25/26 19:26	03/13/26 14:28	7440-43-9	
Calcium	ND	mg/L	0.40	0.10	1	02/25/26 19:26	03/13/26 14:28	7440-70-2	
Chromium	ND	mg/L	0.0050	0.00024	1	02/25/26 19:26	03/13/26 14:28	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00012	1	02/25/26 19:26	03/13/26 14:28	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	02/25/26 19:26	03/13/26 14:28	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	02/25/26 19:26	03/13/26 14:28	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	02/25/26 19:26	03/13/26 14:28	7439-98-7	
Nickel	ND	mg/L	0.0050	0.00092	1	02/25/26 19:26	03/13/26 14:28	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	02/25/26 19:26	03/13/26 14:28	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	02/25/26 19:26	03/13/26 14:28	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	02/25/26 19:26	03/13/26 14:28	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	02/25/26 19:26	03/13/26 14:28	7440-62-2	
Zinc	ND	mg/L	0.010	0.0014	1	02/25/26 19:26	03/13/26 14:28	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	ug/L	0.20	0.091	1	02/20/26 17:57	02/22/26 15:08	7439-97-6	

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ANALYTICAL RESULTS

Project: Huffaker-Parcels AB&E-1st Bkgd
Pace Project No.: 92845019

Sample: HAM-GWC-43 **Lab ID: 92845019014** Collected: 02/18/26 09:05 Received: 02/20/26 15:01 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Metals (ICPMS) 6020B	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Lithium	**0.0146**	mg/L	0.00200	0.000600	1	02/26/26 15:25	02/27/26 12:47	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**235**	mg/L	25.0	25.0	1		02/25/26 11:39		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**2.5**	mg/L	1.0	0.60	1		02/25/26 02:16	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/25/26 02:16	16984-48-8	
Sulfate	**28.7**	mg/L	1.0	0.50	1		02/25/26 02:16	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/26/26 11:43	03/20/26 15:08	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	02/26/26 11:43	03/20/26 15:08	7440-38-2	
Barium	**0.13**	mg/L	0.0050	0.00056	1	02/26/26 11:43	03/20/26 15:08	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/26/26 11:43	03/20/26 15:08	7440-41-7	
Boron	**0.017J**	mg/L	0.040	0.0073	1	02/26/26 11:43	03/23/26 23:17	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/26/26 11:43	03/20/26 15:08	7440-43-9	
Calcium	**61.6**	mg/L	2.0	0.50	5	02/26/26 11:43	03/23/26 18:22	7440-70-2	M1
Chromium	**0.00027J**	mg/L	0.0050	0.00024	1	02/26/26 11:43	03/20/26 15:08	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00012	1	02/26/26 11:43	03/20/26 15:08	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	02/26/26 11:43	03/20/26 15:08	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	02/26/26 11:43	03/20/26 15:08	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	02/26/26 11:43	03/20/26 15:08	7439-98-7	
Nickel	**0.0013J**	mg/L	0.0050	0.00092	1	02/26/26 11:43	03/20/26 15:08	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	02/26/26 11:43	03/20/26 15:08	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	02/26/26 11:43	03/20/26 15:08	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	02/26/26 11:43	03/20/26 15:08	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	02/26/26 11:43	03/20/26 15:08	7440-62-2	
Zinc	ND	mg/L	0.010	0.0014	1	02/26/26 11:43	03/20/26 15:08	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	ug/L	0.20	0.091	1	02/26/26 13:03	02/26/26 23:36	7439-97-6	

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QUALITY CONTROL DATA

Project: Huffaker-Parcels AB&E-1st Bkgd
Pace Project No.: 92845019

QC Batch: 2698015
QC Batch Method: 3015
Analysis Method: EPA 6020B
Analysis Description: Metals (ICPMS) 6020B
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 92845019005, 92845019006

METHOD BLANK: R4339895-1 Matrix: Water
Associated Lab Samples: 92845019005, 92845019006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lithium	mg/L	ND	0.00200	0.000600	02/23/26 17:08	

LABORATORY CONTROL SAMPLE: R4339895-6

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lithium	mg/L	0.0500	0.0624	125	80.0-120	L0

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R4339895-4 R4339895-5

Parameter	Units	L1946518-06 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lithium	mg/L	0.000948	0.0500	0.0500	0.0594	0.0611	117	120	75.0-125	2.83	20	

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QUALITY CONTROL DATA

Project: Huffaker-Parcels AB&E-1st Bkgd
Pace Project No.: 92845019

QC Batch: 2699537
QC Batch Method: 3015
Analysis Method: EPA 6020B
Analysis Description: Metals (ICPMS) 6020B
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 92845019001, 92845019002, 92845019003, 92845019004

METHOD BLANK: R4340913-1 Matrix: Water
Associated Lab Samples: 92845019001, 92845019002, 92845019003, 92845019004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lithium	mg/L	ND	0.00200	0.000600	02/25/26 16:40	

LABORATORY CONTROL SAMPLE: R4340913-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lithium	mg/L	0.0500	0.0466	93.2	80.0-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R4340913-4 R4340913-5

Parameter	Units	L1946717-05 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lithium	mg/L	0.00252	0.0500	0.0500	0.0458	0.0467	86.6	88.4	75.0-125	1.95	20	

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QUALITY CONTROL DATA

Project: Huffaker-Parcels AB&E-1st Bkgd
Pace Project No.: 92845019

QC Batch: 2701103
QC Batch Method: 3015
Analysis Method: EPA 6020B
Analysis Description: Metals (ICPMS) 6020B
Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92845019014

METHOD BLANK: R4341684-1 Matrix: Water
Associated Lab Samples: 92845019014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lithium	mg/L	ND	0.00200	0.000600	02/27/26 12:21	

LABORATORY CONTROL SAMPLE: R4341684-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lithium	mg/L	0.0500	0.0449	89.8	80.0-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R4341684-4 R4341684-5

Parameter	Units	L1948056-01 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lithium	mg/L	0.00232	0.0500	0.0500	0.0511	0.0503	97.5	95.9	75.0-125	1.54	20	

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QUALITY CONTROL DATA

Project: Huffaker-Parcels AB&E-1st Bkgd
Pace Project No.: 92845019

QC Batch: 992296
QC Batch Method: SM 2540C-2020
Analysis Method: SM 2540C-2020
Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92845019001, 92845019002, 92845019003, 92845019004, 92845019005, 92845019006

METHOD BLANK: 5101581
Matrix: Water
Associated Lab Samples: 92845019001, 92845019002, 92845019003, 92845019004, 92845019005, 92845019006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	25.0	02/21/26 17:53	

LABORATORY CONTROL SAMPLE: 5101582

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	250	248	99	90-110	

SAMPLE DUPLICATE: 5101584

Parameter	Units	92845019009 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	85.0	89.0	5	25	

SAMPLE DUPLICATE: 5101585

Parameter	Units	92845019010 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	51.0	53.0	4	25	

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QUALITY CONTROL DATA

Project: Huffaker-Parcels AB&E-1st Bkgd
Pace Project No.: 92845019

QC Batch: 992979
QC Batch Method: SM 2540C-2020
Analysis Method: SM 2540C-2020
Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92845019014

METHOD BLANK: 5104543 Matrix: Water
Associated Lab Samples: 92845019014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	25.0	02/25/26 11:38	

LABORATORY CONTROL SAMPLE: 5104544

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

SAMPLE DUPLICATE: 5104545

Parameter	Units	92845019014 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	235	242	3	25	

SAMPLE DUPLICATE: 5104546

Parameter	Units	92845261002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	368	365	1	25	

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QUALITY CONTROL DATA

Project: Huffaker-Parcels AB&E-1st Bkgd
Pace Project No.: 92845019

QC Batch: 991999
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: 92845019001, 92845019002, 92845019003, 92845019004, 92845019005, 92845019006

METHOD BLANK: 5099747
Matrix: Water
Associated Lab Samples: 92845019001, 92845019002, 92845019003, 92845019004, 92845019005, 92845019006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	02/20/26 00:40	
Fluoride	mg/L	ND	0.10	0.050	02/20/26 00:40	
Sulfate	mg/L	ND	1.0	0.50	02/20/26 00:40	

LABORATORY CONTROL SAMPLE: 5099748

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	51.7	103	90-110	
Fluoride	mg/L	2.5	2.7	110	90-110	
Sulfate	mg/L	50	52.0	104	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5099751 5099752

Parameter	Units	92845019002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	2.2	50	50	53.6	55.0	103	106	90-110	3	10	
Fluoride	mg/L	0.11	2.5	2.5	2.5	2.6	95	98	90-110	3	10	
Sulfate	mg/L	101	50	50	146	147	90	92	90-110	1	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5099886 5099887

Parameter	Units	92845019011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	2.6	50	50	53.6	54.9	102	105	90-110	2	10	
Fluoride	mg/L	0.12	2.5	2.5	2.4	2.5	93	96	90-110	3	10	
Sulfate	mg/L	43.5	50	50	94.2	95.5	101	104	90-110	1	10	

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QUALITY CONTROL DATA

Project: Huffaker-Parcels AB&E-1st Bkgd
Pace Project No.: 92845019

QC Batch: 992960
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: 92845019014

METHOD BLANK: 5104493
Matrix: Water
Associated Lab Samples: 92845019014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	02/24/26 23:01	
Fluoride	mg/L	ND	0.10	0.050	02/24/26 23:01	
Sulfate	mg/L	ND	1.0	0.50	02/24/26 23:01	

LABORATORY CONTROL SAMPLE: 5104494

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	102	90-110	
Sulfate	mg/L	50	50.8	102	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5104495 5104496

Parameter	Units	92845019014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	2.5	50	50	50.9	52.4	97	100	90-110	3	10	
Fluoride	mg/L	ND	2.5	2.5	2.3	2.4	91	92	90-110	1	10	
Sulfate	mg/L	28.7	50	50	75.5	77.0	93	96	90-110	2	10	

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REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Huffaker-Parcels AB&E-1st Bkgd
Pace Project No.: 92845019

QC Batch: 993102
QC Batch Method: EPA 3005A
Analysis Method: EPA 6020B
Analysis Description: WC 6020B MET
Laboratory: Pace Analytical Services - West Columbia
Associated Lab Samples: 92845019001, 92845019002, 92845019003, 92845019004, 92845019005, 92845019006

METHOD BLANK: 5104981
Matrix: Water
Associated Lab Samples: 92845019001, 92845019002, 92845019003, 92845019004, 92845019005, 92845019006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	mg/L	ND	0.0020	0.00043	03/13/26 13:35	
Arsenic	mg/L	ND	0.0020	0.00041	03/13/26 13:35	
Barium	mg/L	ND	0.0050	0.00056	03/13/26 13:35	
Beryllium	mg/L	ND	0.00040	0.00015	03/13/26 13:35	
Boron	mg/L	ND	0.040	0.0073	03/20/26 11:45	
Cadmium	mg/L	ND	0.00050	0.00010	03/13/26 13:35	
Calcium	mg/L	ND	0.40	0.10	03/13/26 13:35	
Chromium	mg/L	ND	0.0050	0.00024	03/13/26 13:35	
Cobalt	mg/L	ND	0.0050	0.00012	03/13/26 13:35	
Copper	mg/L	ND	0.0050	0.00069	03/13/26 13:35	
Lead	mg/L	ND	0.0010	0.00027	03/13/26 13:35	
Molybdenum	mg/L	ND	0.010	0.0020	03/13/26 13:35	
Nickel	mg/L	ND	0.0050	0.00092	03/13/26 13:35	
Selenium	mg/L	ND	0.0050	0.00050	03/13/26 13:35	
Silver	mg/L	ND	0.0010	0.00021	03/13/26 13:35	
Thallium	mg/L	ND	0.00050	0.00017	03/13/26 13:35	
Vanadium	mg/L	ND	0.0050	0.0011	03/13/26 13:35	
Zinc	mg/L	ND	0.010	0.0014	03/13/26 13:35	

LABORATORY CONTROL SAMPLE: 5104982

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	mg/L	0.1	0.10	104	80-120	
Arsenic	mg/L	0.1	0.11	105	80-120	
Barium	mg/L	0.1	0.10	104	80-120	
Beryllium	mg/L	0.1	0.10	104	80-120	
Boron	mg/L	0.1	0.098	98	80-120	
Cadmium	mg/L	0.1	0.10	104	80-120	
Calcium	mg/L	1	1.0	104	80-120	
Chromium	mg/L	0.1	0.10	105	80-120	
Cobalt	mg/L	0.1	0.11	110	80-120	
Copper	mg/L	0.1	0.11	109	80-120	
Lead	mg/L	0.1	0.099	99	80-120	
Molybdenum	mg/L	0.1	0.096	96	80-120	
Nickel	mg/L	0.1	0.11	106	80-120	
Selenium	mg/L	0.1	0.10	102	80-120	
Silver	mg/L	0.1	0.11	106	80-120	
Thallium	mg/L	0.1	0.11	107	80-120	
Vanadium	mg/L	0.1	0.10	104	80-120	

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QUALITY CONTROL DATA

Project: Huffaker-Parcels AB&E-1st Bkgd
Pace Project No.: 92845019

LABORATORY CONTROL SAMPLE: 5104982

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Zinc	mg/L	0.1	0.11	108	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5104983 5104984

Parameter	Units	92845013019 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	0.11	0.10	107	104	75-125	3	20	
Arsenic	mg/L	ND	0.1	0.1	0.11	0.11	107	105	75-125	1	20	
Barium	mg/L	29.2 ug/L	0.1	0.1	0.14	0.13	106	105	75-125	0	20	
Beryllium	mg/L	ND	0.1	0.1	0.11	0.10	106	105	75-125	1	20	
Boron	mg/L	ND	0.1	0.1	0.12	0.12	105	102	75-125	3	20	
Cadmium	mg/L	ND	0.1	0.1	0.11	0.10	107	105	75-125	2	20	
Calcium	mg/L	5.9	1	1	6.9	6.7	104	82	75-125	3	20	
Chromium	mg/L	ND	0.1	0.1	0.11	0.11	107	106	75-125	1	20	
Cobalt	mg/L	ND	0.1	0.1	0.11	0.11	111	107	75-125	3	20	
Copper	mg/L	ND	0.1	0.1	0.11	0.11	111	108	75-125	2	20	
Lead	mg/L	ND	0.1	0.1	0.10	0.10	102	100	75-125	2	20	
Molybdenum	mg/L	ND	0.1	0.1	0.098	0.096	98	96	75-125	2	20	
Nickel	mg/L	ND	0.1	0.1	0.11	0.11	107	105	75-125	2	20	
Selenium	mg/L	ND	0.1	0.1	0.11	0.10	106	104	75-125	2	20	
Silver	mg/L	ND	0.1	0.1	0.11	0.10	108	105	75-125	3	20	
Thallium	mg/L	ND	0.1	0.1	0.11	0.11	108	108	75-125	0	20	
Vanadium	mg/L	ND	0.1	0.1	0.11	0.11	108	106	75-125	1	20	
Zinc	mg/L	ND	0.1	0.1	0.11	0.11	112	111	75-125	1	20	

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QUALITY CONTROL DATA

Project: Huffaker-Parcels AB&E-1st Bkgd
Pace Project No.: 92845019

QC Batch: 993262
QC Batch Method: EPA 3005A
Analysis Method: EPA 6020B
Analysis Description: WC 6020B MET
Laboratory: Pace Analytical Services - West Columbia
Associated Lab Samples: 92845019014

METHOD BLANK: 5106178
Matrix: Water
Associated Lab Samples: 92845019014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	mg/L	ND	0.0020	0.00043	03/20/26 14:59	
Arsenic	mg/L	ND	0.0020	0.00041	03/20/26 14:59	
Barium	mg/L	ND	0.0050	0.00056	03/20/26 14:59	
Beryllium	mg/L	ND	0.00040	0.00015	03/20/26 14:59	
Boron	mg/L	ND	0.040	0.0073	03/23/26 23:00	
Cadmium	mg/L	ND	0.00050	0.00010	03/20/26 14:59	
Calcium	mg/L	ND	0.40	0.10	03/20/26 14:59	
Chromium	mg/L	ND	0.0050	0.00024	03/20/26 14:59	
Cobalt	mg/L	ND	0.0050	0.00012	03/20/26 14:59	
Copper	mg/L	ND	0.0050	0.00069	03/20/26 14:59	
Lead	mg/L	ND	0.0010	0.00027	03/20/26 14:59	
Molybdenum	mg/L	ND	0.010	0.0020	03/20/26 14:59	
Nickel	mg/L	ND	0.0050	0.00092	03/20/26 14:59	
Selenium	mg/L	ND	0.0050	0.00050	03/20/26 14:59	
Silver	mg/L	ND	0.0010	0.00021	03/20/26 14:59	
Thallium	mg/L	ND	0.00050	0.00017	03/20/26 14:59	
Vanadium	mg/L	ND	0.0050	0.0011	03/20/26 14:59	
Zinc	mg/L	ND	0.010	0.0014	03/20/26 14:59	

LABORATORY CONTROL SAMPLE: 5106179

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	mg/L	0.1	0.096	96	80-120	
Arsenic	mg/L	0.1	0.096	96	80-120	
Barium	mg/L	0.1	0.094	94	80-120	
Beryllium	mg/L	0.1	0.088	88	80-120	
Boron	mg/L	0.1	0.095	95	80-120	
Cadmium	mg/L	0.1	0.096	96	80-120	
Calcium	mg/L	1	0.96	96	80-120	
Chromium	mg/L	0.1	0.098	98	80-120	
Cobalt	mg/L	0.1	0.095	95	80-120	
Copper	mg/L	0.1	0.10	100	80-120	
Lead	mg/L	0.1	0.099	99	80-120	
Molybdenum	mg/L	0.1	0.093	93	80-120	
Nickel	mg/L	0.1	0.097	97	80-120	
Selenium	mg/L	0.1	0.098	98	80-120	
Silver	mg/L	0.1	0.099	99	80-120	
Thallium	mg/L	0.1	0.10	102	80-120	
Vanadium	mg/L	0.1	0.097	97	80-120	

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QUALITY CONTROL DATA

Project: Huffaker-Parcels AB&E-1st Bkgd
Pace Project No.: 92845019

LABORATORY CONTROL SAMPLE: 5106179

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Zinc	mg/L	0.1	0.098	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5106180 5106181

Parameter	Units	92845019014 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	0.098	0.10	98	101	75-125	4	20	
Arsenic	mg/L	ND	0.1	0.1	0.098	0.10	97	101	75-125	4	20	
Barium	mg/L	0.13	0.1	0.1	0.23	0.24	94	104	75-125	4	20	
Beryllium	mg/L	ND	0.1	0.1	0.091	0.092	91	92	75-125	2	20	
Boron	mg/L	0.017J	0.1	0.1	0.12	0.12	98	101	75-125	2	20	
Cadmium	mg/L	ND	0.1	0.1	0.096	0.10	96	101	75-125	5	20	
Calcium	mg/L	61.6	1	1	60.8	61.4	-75	-16	75-125	1	20	M1
Chromium	mg/L	0.00027J	0.1	0.1	0.10	0.10	100	103	75-125	4	20	
Cobalt	mg/L	ND	0.1	0.1	0.096	0.10	96	100	75-125	4	20	
Copper	mg/L	ND	0.1	0.1	0.099	0.10	99	104	75-125	5	20	
Lead	mg/L	ND	0.1	0.1	0.099	0.098	99	98	75-125	1	20	
Molybdenum	mg/L	ND	0.1	0.1	0.093	0.098	92	97	75-125	5	20	
Nickel	mg/L	0.0013J	0.1	0.1	0.099	0.10	98	103	75-125	5	20	
Selenium	mg/L	ND	0.1	0.1	0.097	0.10	97	100	75-125	3	20	
Silver	mg/L	ND	0.1	0.1	0.098	0.10	98	103	75-125	5	20	
Thallium	mg/L	ND	0.1	0.1	0.10	0.11	104	107	75-125	3	20	
Vanadium	mg/L	ND	0.1	0.1	0.099	0.10	99	101	75-125	2	20	
Zinc	mg/L	ND	0.1	0.1	0.10	0.10	99	103	75-125	3	20	

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QUALITY CONTROL DATA

Project: Huffaker-Parcels AB&E-1st Bkgd
Pace Project No.: 92845019

QC Batch: 992269
QC Batch Method: EPA 7470A
Analysis Method: EPA 7470A
Analysis Description: WCOL 7470 Mercury
Laboratory: Pace Analytical Services - West Columbia
Associated Lab Samples: 92845019001, 92845019002, 92845019003, 92845019004, 92845019005, 92845019006

METHOD BLANK: 5101293
Matrix: Water
Associated Lab Samples: 92845019001, 92845019002, 92845019003, 92845019004, 92845019005, 92845019006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	0.091	02/22/26 14:50	

LABORATORY CONTROL SAMPLE: 5101294

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2	1.9	93	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5101295 5101296

Parameter	Units	92845019008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	2	2	1.9	1.9	96	96	80-120	0	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Huffaker-Parcels AB&E-1st Bkgd
Pace Project No.: 92845019

QC Batch: 992952
QC Batch Method: EPA 7470A
Analysis Method: EPA 7470A
Analysis Description: WCOL 7470 Mercury
Laboratory: Pace Analytical Services - West Columbia
Associated Lab Samples: 92845019014

METHOD BLANK: 5104472 Matrix: Water
Associated Lab Samples: 92845019014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	0.091	02/26/26 22:38	

LABORATORY CONTROL SAMPLE: 5104473

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2	1.8	92	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5104474 5104475

Parameter	Units	92845506001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	2	2	1.8	1.8	91	90	80-120	1	20	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: Huffaker-Parcels AB&E-1st Bkgd
Pace Project No.: 92845019

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.

WORKORDER QUALIFIERS

WO: 92845019

[1]	GEOSYNTEC
[2]	DO NOT DILUTE. MUST MEET REPORTING LIMITS. LET PM KNOW FIRST IF THERE ARE ISSUES.

ANALYTE QUALIFIERS

L0	Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Huffaker-Parcels AB&E-1st Bkgd
Pace Project No.: 92845019

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92845019001	**HAM-GWC-21A**	3015	2699537	EPA 6020B	2699537
92845019002	**HAM-GWC-42**	3015	2699537	EPA 6020B	2699537
92845019003	**HAM-GWC-44**	3015	2699537	EPA 6020B	2699537
92845019004	**HAM-HLF-ABE-FD-01**	3015	2699537	EPA 6020B	2699537
92845019005	**HAM-HLF-ABE-EB-01**	3015	2698015	EPA 6020B	2698015
92845019006	**HAM-HLF-ABE-FB-01**	3015	2698015	EPA 6020B	2698015
92845019014	**HAM-GWC-43**	3015	2701103	EPA 6020B	2701103
92845019001	**HAM-GWC-21A**	SM 2540C-2020	992296		
92845019002	**HAM-GWC-42**	SM 2540C-2020	992296		
92845019003	**HAM-GWC-44**	SM 2540C-2020	992296		
92845019004	**HAM-HLF-ABE-FD-01**	SM 2540C-2020	992296		
92845019005	**HAM-HLF-ABE-EB-01**	SM 2540C-2020	992296		
92845019006	**HAM-HLF-ABE-FB-01**	SM 2540C-2020	992296		
92845019014	**HAM-GWC-43**	SM 2540C-2020	992979		
92845019001	**HAM-GWC-21A**	EPA 300.0 Rev 2.1 1993	991999		
92845019002	**HAM-GWC-42**	EPA 300.0 Rev 2.1 1993	991999		
92845019003	**HAM-GWC-44**	EPA 300.0 Rev 2.1 1993	991999		
92845019004	**HAM-HLF-ABE-FD-01**	EPA 300.0 Rev 2.1 1993	991999		
92845019005	**HAM-HLF-ABE-EB-01**	EPA 300.0 Rev 2.1 1993	991999		
92845019006	**HAM-HLF-ABE-FB-01**	EPA 300.0 Rev 2.1 1993	991999		
92845019014	**HAM-GWC-43**	EPA 300.0 Rev 2.1 1993	992960		
92845019001	**HAM-GWC-21A**	EPA 3005A	993102	EPA 6020B	996524
92845019002	**HAM-GWC-42**	EPA 3005A	993102	EPA 6020B	996524
92845019003	**HAM-GWC-44**	EPA 3005A	993102	EPA 6020B	996524
92845019004	**HAM-HLF-ABE-FD-01**	EPA 3005A	993102	EPA 6020B	996524
92845019005	**HAM-HLF-ABE-EB-01**	EPA 3005A	993102	EPA 6020B	996524
92845019006	**HAM-HLF-ABE-FB-01**	EPA 3005A	993102	EPA 6020B	996524
92845019014	**HAM-GWC-43**	EPA 3005A	993262	EPA 6020B	998504
92845019001	**HAM-GWC-21A**	EPA 7470A	992269	EPA 7470A	992857
92845019002	**HAM-GWC-42**	EPA 7470A	992269	EPA 7470A	992857
92845019003	**HAM-GWC-44**	EPA 7470A	992269	EPA 7470A	992857
92845019004	**HAM-HLF-ABE-FD-01**	EPA 7470A	992269	EPA 7470A	992857
92845019005	**HAM-HLF-ABE-EB-01**	EPA 7470A	992269	EPA 7470A	992857
92845019006	**HAM-HLF-ABE-FB-01**	EPA 7470A	992269	EPA 7470A	992857
92845019014	**HAM-GWC-43**	EPA 7470A	992952	EPA 7470A	993872

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Pace	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#: 92845019

92845019

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: 2/19/26 SG

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

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

Thermometer: ☑ IR Gun ID: 063

Type of Ice: ☑ Wet ☐ Blue ☐ None

Cooler Temp: 4.3 **Correction Factor:** Add/Subtract (°C) 0.0

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

Cooler Temp Corrected (°C): 4.3

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: WG/WQ	☑ 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	

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:** _____

Pace

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

Effective Date: 05/24/2024

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

Project # **WO#: 92845019**
PM: BV Due Date: 03/05/26
CLIENT: 92- GP-HAM

Laboratory Receiving Location: Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mc

Client GA Power Profile/EZ (Circle one) Notes

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP1N	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-5G 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 – ab)		BP3R-250 mL Plastic (N-12)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																										
1		1	1				2 ✓																						
2		1	1				2 ✓																						
3		1	1				2 ✓																						
4		1	1				2 ✓																						
5		1	1				2 ✓																						
6		1	1				2 ✓																						
7					2																								
8					2																								
9					2																								
10					2																								
11					2																								
12					2																								

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® Location Requested (City/State):
Pace Analytical Charlotte
9800 Kincey Ave. Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Georgia Power- Hammond
Street Address: 241 Ralph McGill Blvd NE
Bin 10160
Atlanta, GA 30308

Customer Project #:
Project Name: ~~Plant Hammond Huffaker -1st Background~~ C.H. 2/19/26
Plant Hammond Huffaker Parcel AB&E - 1st Background
Site Collection Info/Facility ID (as applicable):

Contact/Report To: Kristen Jurinko
Phone #: 470-217-0008
E-Mail: knjurink@southernco.com
Cc E-Mail:

Invoice To: Account Payable
Invoice E-Mail: georgiapowerinvoices@southernco.com
Purchase Order # (if applicable): GPC82474-0011
Quote #:

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET
County / State origin of sample(s): Georgia

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **: 3 3 3 2 3 1
Identify Container Preservative Type***: 2 2 2 1 1 2

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 110mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

***Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	App. III Metals	App. IV Metals	App. I Metals: Cu, Ni, Ag, V, Zn	2540C Total Dissolved Solids	300.0 - Cl, SO4, F	RAD 226/228					Sample Comment	Preservation non-conformance identified for sample.
HAM-GWC-21A	WG	Grab			2/17/2026	1247	4			X	X	X	X	X						Temp = 15 deg C 001	
HAM-GWC-42	WG	Grab			2/17/2026	1527	4			X	X	X	X	X						Temp = 18 deg C 002	
HAM-GWC-44	WG	Grab			2/17/2026	1717	4			X	X	X	X	X						Temp = 18 deg C 003	
HAM-HLF-ABE-FD-01	WG	Grab			2/17/2026	0000	4			X	X	X	X	X						Temp = 17 deg C 004	
HAM-HLF-ABE-EB-01	WQ	Grab			2/17/2026	1735	4			X	X	X	X	X						Temp = 17 deg C 005	
HAM-HLF-ABE-FB-01	WQ	Grab			2/17/2026	1730	4			X	X	X	X	X						Temp = 17 deg C 006	
HAM-GWC-21A	WG	Grab			2/17/2026	1247	2								X					Temp = 15 deg C	
HAM-GWC-42	WG	Grab	ZW 2/17/2026		2/17/2026	1527	2								X					Temp = 18 deg C	
HAM-GWC-44	WG	Grab			2/17/2026	1717	2								X					Temp = 18 deg C	
HAM-HLF-ABE-FD-01	WG	Grab			2/17/2026	0000	2	ZW 2/17/2026							X					Temp = 17 deg C	

Lab Use Only:
Proj. Mgr: Bonnie Vang
Acct Num / Client ID:
Table #:
Profile / Template: 16483
Prelog / Bottle Ord. ID: EZ 3367411

Additional Instructions from Pace®:
Task Code: HAM-CCR-OTH-20260216.
App III metals include B, Ca, Cl, F, SO4, TDS.
App IV metals include Sb, As, Ba, Be, Cd, Cr, Co, F, Pb, Li, Hg, Mo, Se, Tl, Ra.
App I metals include Cu, Ni, Ag, V, Zn.

Collected By:
(Printed Name) Zain Webb
Signature: Zain Webb

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: Thermometer ID: Correction Factor (°C): Obs Temp (°C) Corrected Temp (°C) On Ice:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Zain Webb / Geosyntec	2/18/26 1425	Lyan William / Pace	2/18/26 1425
Lyan William / Pace	2/18/26 1635		2/18/26 1635
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other

Page: 1 of 2

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ENV-FRM-CORQ-0019_v02_110123

Pace® Location Requested (City/State):
Pace Analytical Charlotte
9800 Kincey Ave. Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Georgia Power- Hammond
Street Address: 241 Ralph McGill Blvd NE
Bin 10160
Atlanta, GA 30308

Customer Project #:
Project Name: ~~Plant Hammond Huffaker 1st Background~~ C.H. 2/19/26
Plant Hammond Huffaker Parcel AB&E - 1st Background
Site Collection Info/Facility ID (as applicable):

Contact/Report To: Kristen Jurinko
Phone #: 470-217-0008
E-Mail: knjurink@southernco.com
Cc E-Mail:
Invoice To: Account Payable
Invoice E-Mail: georgiapowerinvoices@southernco.com
Purchase Order # (if applicable): GPC82474-0011
Quote #:

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET
County / State origin of sample(s): Georgia

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT

Specify Container Size **: 3 3 3 2 3 1
Identify Container Preservative Type***: 2 2 2 1 1 2
Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Customer Sample ID	Matrix*	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	App. III Metals	App. IV Metals	App. I Metals: Cu, Ni, Ag, V, Zn	2540C Total Dissolved Solids	300.0 - Cl, SO4, F	RAD 226/228					Sample Comment	Preservation non-conformance identified for sample.
HAM-HLF-ABE-EB-01	WQ	Grab			2/17/2026	1735	2								X					Temp = 17 deg C	
HAM-HLF-ABE-FB-01	WQ	Grab	ZW 2/17/2026		2/17/2026	1730	2	ZW 2/17/2026							X					Temp = 17 deg C	

ZW 2/17/2026

Lab Use Only:
Proj. Mgr: Bonnie Vang
AcctNum / Client ID:
Table #:
Profile / Template: 16483
Prelog / Bottle Ord. ID: EZ 3367411

Additional Instructions from Pace®:
Task Code: I-AM-CCR-OTH-20260216
App III metals include B, Ca, Cl, F, SO4, TDS.
App IV metals include Sb, As, Ba, Be, Cd, Cr, Co, F, Pb, Li, Hg, Mo, Se, Tl, Ra.
App I metals include Cu, Ni, Ag, V, Zn.

Collected By:
(Printed Name) Zain Webb
Signature: Zain Webb

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp (°C) Corrected Temp (°C) On Ice

Relinquished by/Company (Signature)	Date/Time	Received by/Company (Signature)	Date/Time
Zain Webb / Geosyntec	2/18/26 1425	Tyler Williams / Pace	2/18/26 1425
Tyler Williams / Pace	2/19/26 1635	[signature]	2/18/26 1635
Relinquished by/Company (Signature)	Date/Time	Received by/Company (Signature)	Date/Time
Relinquished by/Company (Signature)	Date/Time	Received by/Company (Signature)	Date/Time

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 2 of 2

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ENV-FRM-CORO-0019_v02_110123

Pace® Location Requested (City/State):
Pace Analytical Charlotte
9800 Kincey Ave Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Georgia Power- Hammond
Street Address: 241 Ralph McGill Blvd NE
Bin 10160
Atlanta, GA 30308

Customer Project #:

Project Name: Plant Hammond-Huffaker Parcels AB&E -1st Background

Site Collection Info/Facility ID (as applicable):

Contact/Report To: Kristen Jurinko
Phone #: 470-217-0008
E-Mail: knjurink@southernco.com
Cc E-Mail:

Invoice To: Account Payable
Invoice E-Mail: georgiapowerinvoices@southernco.com
Purchase Order # (if applicable): GPC82474-0011
Quote #:

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET

County / State origin of sample(s): Georgia

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW) Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LT), Biosolid (BS), Other (OT)

Specify Container Size **: 3 | 3 | 3 | 2 | 3 | 1
Identify Container Preservative Type***: 2 | 2 | 2 | 1 | 1 | 2
Analysis Requested

** Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCL, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	App. III Metals	App. IV Metals	App. I Metals: Cu,Ni, Ag, V, Zn	2540C Total Dissolved Solids	300.0 - Cl, SO4, F	RAD 226/228				Sample Comment	Preservation non-conformance identified for sample
HAM-GWC-43	WG	Grab			2/18/2026	0905	4			X	X	X	X	X					Temp = 15 deg C 013	
HAM-GWC-43	WG	Grab	ZW 2/18/2026		2/18/2026	0905	2	ZW 2/18/2026							X				Temp = 15 deg C	
																			Last Sample	
				ZW 2/18/2026																

Lab Use Only:
Proj. Mgr: Bonnie Vang
AcctNum / Client ID:
Table #:
Profile / Template: 16483
Prelog / Bottle Ord. ID: EZ 3367411

Additional Instructions from Pace®:
Task Code: HAM-CCR-OTH-20260216.
App III metals include B, Ca, Cl, F, SO4, TDS.
App IV metals include Sb, As, Ba, Be, Cd, Cr, Co, F, Pb, Li, Hg, Mo, Se, Tl, Ra.
App I metals include Cu, Ni, Ag, V, Zn.

Collected By:
(Printed Name) Zain Webb
Signature: Zain Webb

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C) Corrected Temp. (°C) On Ice

Relinquished by/Company: (Signature)	Date/Time	Received by/Company: (Signature)	Date/Time
Zain Webb / Geosyntec	2/20/26 1235	Ryan Williams / Pace	2/20/26 1235
Ryan Williams / Pace	2/20/26 1505	Chandler Hunter 2/20/26	2/20/26 1505

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 1 of 1

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ENV-FRM-CORQ-0019_v02_110123 ©

Pace	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 #:

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

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

Date/Initials Person Examining Contents: 7/22/26 [illegible]

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

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

Thermometer: ☑ IR Gun ID: 214

Type of Ice: ☑ Wet ☐ Blue ☐ None

Cooler Temp: 2.3 **Correction Factor:** Add/Subtract (°C) 0.0

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

Cooler Temp Corrected (°C): 2.3

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?	☑ 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:**

*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					BP1U																							
1		1	1		2✓	2✓																						
2																												
3																												
4																												
5																												
6																												
7																												
8																												
9																												
10																												
11																												
12																												

pH Adjustment Log for Preserved Samples

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

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

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

March 19, 2026

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

RE: Project: Huffaker-ParcAB&E-1st Bkgd RAD
Pace Project No.: 92845025

Dear Kristen Jurinko:

Enclosed are the analytical results for sample(s) received by the laboratory between February 18, 2026 and February 20, 2026. 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 - Greensburg

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

Sincerely,

Bonnie Vang

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
Amanda Tomlinson, Geosyntec Consultants
Zain Webb, Geosyntec Consultants

REPORT OF LABORATORY ANALYSIS

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

CERTIFICATIONS

Project: Huffaker-ParcAB&E-1st Bkgd RAD
Pace Project No.: 92845025

Pace Analytical Services Pennsylvania
1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANABISO/IEC 17025:2017 Rad Cert#: L24170
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 2950
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
EPA Region 3 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA010
Louisiana DEQ/TNI Certification #: 04086
Maine Certification #: 2023021
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991
Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572023-03
New Hampshire/TNI Certification #: 297622
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-015
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN02867
Texas/TNI Certification #: T104704188-22-18
Utah/TNI Certification #: PA014572223-14
USDA Soil Permit #: 525-23-67-77263
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad

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SAMPLE SUMMARY

Project: Huffaker-ParcAB&E-1st Bkgd RAD
Pace Project No.: 92845025

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92845025001	**HAM-GWC-21A**	Water	02/17/26 12:47	02/18/26 16:35
92845025002	**HAM-GWC-42**	Water	02/17/26 15:27	02/18/26 16:35
92845025003	**HAM-GWC-44**	Water	02/17/26 17:17	02/18/26 16:35
92845025004	**HAM-HLF-ABE-FD-01**	Water	02/17/26 00:00	02/18/26 16:35
92845025005	**HAM-HLF-ABE-EB-01**	Water	02/17/26 17:35	02/18/26 16:35
92845025006	**HAM-HLF-ABE-FB-01**	Water	02/17/26 17:30	02/18/26 16:35
92845025013	**HAM-GWC-43**	Water	02/18/26 09:05	02/20/26 15:01

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SAMPLE ANALYTE COUNT

Project: Huffaker-ParcAB&E-1st Bkgd RAD
Pace Project No.: 92845025

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92845025001	**HAM-GWC-21A**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92845025002	**HAM-GWC-42**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92845025003	**HAM-GWC-44**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92845025004	**HAM-HLF-ABE-FD-01**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92845025005	**HAM-HLF-ABE-EB-01**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92845025006	**HAM-HLF-ABE-FB-01**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92845025013	**HAM-GWC-43**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JJS1	1	PASI-PA
		Total Radium Calculation	LAL	1	PASI-PA

PASI-PA = Pace Analytical Services - Greensburg

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SUMMARY OF DETECTION

Project: Huffaker-ParcAB&E-1st Bkgd RAD
Pace Project No.: 92845025

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92845025001	**HAM-GWC-21A**					
EPA 9315	Radium-226	-0.00833U ± 0.116 (0.308) C:93% T:NA	pCi/L		03/06/26 09:51	
EPA 9320	Radium-228	0.928 ± 0.494 (0.905) C:72% T:89%	pCi/L		03/04/26 11:39	
Total Radium Calculation	Total Radium	0.928U ± 0.610 (1.21)	pCi/L		03/09/26 13:58	
92845025002	**HAM-GWC-42**					
EPA 9315	Radium-226	0.265U ± 0.183 (0.329) C:88% T:NA	pCi/L		03/06/26 09:51	
EPA 9320	Radium-228	0.352U ± 0.510 (1.10) C:77% T:75%	pCi/L		03/04/26 11:39	
Total Radium Calculation	Total Radium	0.617U ± 0.693 (1.43)	pCi/L		03/09/26 13:58	
92845025003	**HAM-GWC-44**					
EPA 9315	Radium-226	0.120U ± 0.140 (0.295) C:96% T:NA	pCi/L		03/06/26 09:51	
EPA 9320	Radium-228	0.811U ± 0.464 (0.865) C:79% T:86%	pCi/L		03/04/26 11:39	
Total Radium Calculation	Total Radium	0.931U ± 0.604 (1.16)	pCi/L		03/09/26 13:58	
92845025004	**HAM-HLF-ABE-FD-01**					
EPA 9315	Radium-226	-0.0227U ± 0.0918 (0.264) C:91% T:NA	pCi/L		03/06/26 08:15	
EPA 9320	Radium-228	0.297U ± 0.450 (0.973) C:72% T:88%	pCi/L		03/04/26 15:02	
Total Radium Calculation	Total Radium	0.297U ± 0.542 (1.24)	pCi/L		03/09/26 13:58	

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SUMMARY OF DETECTION

Project: Huffaker-ParcAB&E-1st Bkgd RAD
Pace Project No.: 92845025

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92845025005	**HAM-HLF-ABE-EB-01**					
EPA 9315	Radium-226	-0.00878U ± 0.129 (0.339) C:85% T:NA	pCi/L		03/06/26 08:16	
EPA 9320	Radium-228	0.617U ± 0.503 (1.02) C:70% T:92%	pCi/L		03/04/26 15:03	
Total Radium Calculation	Total Radium	0.617U ± 0.632 (1.36)	pCi/L		03/09/26 13:58	
92845025006	**HAM-HLF-ABE-FB-01**					
EPA 9315	Radium-226	0.0263U ± 0.121 (0.298) C:94% T:NA	pCi/L		03/06/26 08:16	
EPA 9320	Radium-228	0.849U ± 0.572 (1.11) C:70% T:77%	pCi/L		03/04/26 15:01	
Total Radium Calculation	Total Radium	0.875U ± 0.693 (1.41)	pCi/L		03/09/26 13:58	
92845025013	**HAM-GWC-43**					
EPA 9315	Radium-226	0.263U ± 0.216 (0.406) C:81% T:NA	pCi/L		03/09/26 09:46	
EPA 9320	Radium-228	0.393U ± 0.307 (0.600) C:82% T:89%	pCi/L		03/12/26 12:09	
Total Radium Calculation	Total Radium	0.656U ± 0.523 (1.01)	pCi/L		03/18/26 12:09	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Huffaker-ParcAB&E-1st Bkgd RAD
Pace Project No.: 92845025

Sample: HAM-GWC-21A **Lab ID: 92845025001** Collected: 02/17/26 12:47 Received: 02/18/26 16:35 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**-0.00833U ± 0.116 (0.308) C:93% T:NA**	pCi/L	03/06/26 09:51	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.928 ± 0.494 (0.905) C:72% T:89%**	pCi/L	03/04/26 11:39	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.928U ± 0.610 (1.21)**	pCi/L	03/09/26 13:58	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Huffaker-ParcAB&E-1st Bkgd RAD
Pace Project No.: 92845025

Sample: HAM-GWC-42 **Lab ID: 92845025002** Collected: 02/17/26 15:27 Received: 02/18/26 16:35 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.265U ± 0.183 (0.329)** **C:88% T:NA**	pCi/L	03/06/26 09:51	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.352U ± 0.510 (1.10)** **C:77% T:75%**	pCi/L	03/04/26 11:39	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.617U ± 0.693 (1.43)**	pCi/L	03/09/26 13:58	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Huffaker-ParcAB&E-1st Bkgd RAD
Pace Project No.: 92845025

Sample: HAM-GWC-44 **Lab ID: 92845025003** Collected: 02/17/26 17:17 Received: 02/18/26 16:35 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.120U ± 0.140 (0.295)** **C:96% T:NA**	pCi/L	03/06/26 09:51	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.811U ± 0.464 (0.865)** **C:79% T:86%**	pCi/L	03/04/26 11:39	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.931U ± 0.604 (1.16)**	pCi/L	03/09/26 13:58	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Huffaker-ParcAB&E-1st Bkgd RAD
Pace Project No.: 92845025

Sample: HAM-HLF-ABE-FD-01 **Lab ID: 92845025004** Collected: 02/17/26 00:00 Received: 02/18/26 16:35 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**-0.0227U ± 0.0918 (0.264) C:91% T:NA**	pCi/L	03/06/26 08:15	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.297U ± 0.450 (0.973) C:72% T:88%**	pCi/L	03/04/26 15:02	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.297U ± 0.542 (1.24)**	pCi/L	03/09/26 13:58	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Huffaker-ParcAB&E-1st Bkgd RAD
Pace Project No.: 92845025

Sample: HAM-HLF-ABE-EB-01 **Lab ID: 92845025005** Collected: 02/17/26 17:35 Received: 02/18/26 16:35 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**-0.00878U ± 0.129 (0.339) C:85% T:NA**	pCi/L	03/06/26 08:16	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.617U ± 0.503 (1.02) C:70% T:92%**	pCi/L	03/04/26 15:03	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.617U ± 0.632 (1.36)**	pCi/L	03/09/26 13:58	7440-14-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Huffaker-ParcAB&E-1st Bkgd RAD
Pace Project No.: 92845025

Sample: HAM-HLF-ABE-FB-01 **Lab ID: 92845025006** Collected: 02/17/26 17:30 Received: 02/18/26 16:35 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.0263U ± 0.121 (0.298)** **C:94% T:NA**	pCi/L	03/06/26 08:16	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.849U ± 0.572 (1.11)** **C:70% T:77%**	pCi/L	03/04/26 15:01	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.875U ± 0.693 (1.41)**	pCi/L	03/09/26 13:58	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Huffaker-ParcAB&E-1st Bkgd RAD
Pace Project No.: 92845025

Sample: HAM-GWC-43 **Lab ID: 92845025013** Collected: 02/18/26 09:05 Received: 02/20/26 15:01 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.263U ± 0.216 (0.406)** **C:81% T:NA**	pCi/L	03/09/26 09:46	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.393U ± 0.307 (0.600)** **C:82% T:89%**	pCi/L	03/12/26 12:09	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.656U ± 0.523 (1.01)**	pCi/L	03/18/26 12:09	7440-14-4	

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QUALITY CONTROL - RADIOCHEMISTRY

Project: Huffaker-ParcAB&E-1st Bkgd RAD
Pace Project No.: 92845025

QC Batch: 801629 | Analysis Method: EPA 9315
QC Batch Method: EPA 9315 | Analysis Description: 9315 Total Radium
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 92845025001, 92845025002, 92845025003, 92845025004, 92845025005, 92845025006

METHOD BLANK: 3911958 | Matrix: Water
Associated Lab Samples: 92845025001, 92845025002, 92845025003, 92845025004, 92845025005, 92845025006

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.127 ± 0.141 (0.294) C:99% T:NA	pCi/L	03/06/26 09:50	

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QUALITY CONTROL - RADIOCHEMISTRY

Project: Huffaker-ParcAB&E-1st Bkgd RAD
Pace Project No.: 92845025

QC Batch: 802007
QC Batch Method: EPA 9320
Analysis Method: EPA 9320
Analysis Description: 9320 Radium 228
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 92845025013

METHOD BLANK: 3914011
Matrix: Water
Associated Lab Samples: 92845025013

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.278 ± 0.274 (0.557) C:79% T:88%	pCi/L	03/12/26 12:09	

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QUALITY CONTROL - RADIOCHEMISTRY

Project: Huffaker-ParcAB&E-1st Bkgd RAD
Pace Project No.: 92845025

QC Batch: 802006
QC Batch Method: EPA 9315
Analysis Method: EPA 9315
Analysis Description: 9315 Total Radium
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 92845025013

METHOD BLANK: 3914007
Matrix: Water
Associated Lab Samples: 92845025013

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.237 ± 0.253 (0.525) C:68% T:NA	pCi/L	03/09/26 09:46	

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QUALITY CONTROL - RADIOCHEMISTRY

Project: Huffaker-ParcAB&E-1st Bkgd RAD
Pace Project No.: 92845025

QC Batch: 801659 | Analysis Method: EPA 9320
QC Batch Method: EPA 9320 | Analysis Description: 9320 Radium 228
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 92845025001, 92845025002, 92845025003, 92845025004, 92845025005, 92845025006

METHOD BLANK: 3912134 | Matrix: Water
Associated Lab Samples: 92845025001, 92845025002, 92845025003, 92845025004, 92845025005, 92845025006

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.686 ± 0.377 (0.670) C:73% T:90%	pCi/L	03/04/26 11:42	

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QUALIFIERS

Project: Huffaker-ParcAB&E-1st Bkgd RAD
Pace Project No.: 92845025

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.

Act - Activity

Unc - Uncertainty: SDWA = 1.96 sigma count uncertainty, all other matrices = Expanded Uncertainty (95% confidence interval). Gamma Spec = Expanded Uncertainty (95.4% Confidence Interval)

(MDC) - Minimum Detectable Concentration

Trac - Tracer Recovery (%)

Carr - Carrier Recovery (%)

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

TNI - The NELAC Institute.

WORKORDER QUALIFIERS

WO: 92845025

[1] GEOSYNTEC

[2] DO NOT DILUTE. MUST MEET REPORTING LIMITS. LET PM KNOW FIRST IF THERE ARE ISSUES.

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without the written consent of Pace Analytical Services, LLC.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Huffaker-ParcAB&E-1st Bkgd RAD
Pace Project No.: 92845025

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92845025001	**HAM-GWC-21A**	EPA 9315	801629		
92845025002	**HAM-GWC-42**	EPA 9315	801629		
92845025003	**HAM-GWC-44**	EPA 9315	801629		
92845025004	**HAM-HLF-ABE-FD-01**	EPA 9315	801629		
92845025005	**HAM-HLF-ABE-EB-01**	EPA 9315	801629		
92845025006	**HAM-HLF-ABE-FB-01**	EPA 9315	801629		
92845025013	**HAM-GWC-43**	EPA 9315	802006		
92845025001	**HAM-GWC-21A**	EPA 9320	801659		
92845025002	**HAM-GWC-42**	EPA 9320	801659		
92845025003	**HAM-GWC-44**	EPA 9320	801659		
92845025004	**HAM-HLF-ABE-FD-01**	EPA 9320	801659		
92845025005	**HAM-HLF-ABE-EB-01**	EPA 9320	801659		
92845025006	**HAM-HLF-ABE-FB-01**	EPA 9320	801659		
92845025013	**HAM-GWC-43**	EPA 9320	802007		
92845025001	**HAM-GWC-21A**	Total Radium Calculation	804386		
92845025002	**HAM-GWC-42**	Total Radium Calculation	804386		
92845025003	**HAM-GWC-44**	Total Radium Calculation	804386		
92845025004	**HAM-HLF-ABE-FD-01**	Total Radium Calculation	804386		
92845025005	**HAM-HLF-ABE-EB-01**	Total Radium Calculation	804386		
92845025006	**HAM-HLF-ABE-FB-01**	Total Radium Calculation	804386		
92845025013	**HAM-GWC-43**	Total Radium Calculation	806327		

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Pace	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# : 92845025

92845025

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: 2/13/26 SG

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: 4.3 **Correction Factor:** Add/Subtract (°C) 0.0

Temp should be above freezing to 6°C

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

Cooler Temp Corrected (°C): 4.3

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: WG/WQ	☑ 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	

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:** _____

Pace

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

Effective Date: 05/24/2024

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

Project # WO#: 92845025
PM: BV Due Date: 03/12/26
CLIENT: 92- GP-HAM

Laboratory Receiving Location: Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ M

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

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)		BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic 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-5C 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 – ab)		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		BP1A																								
1		1	1				2 ✓																						
2		1	1				2 ✓																						
3		1	1				2 ✓																						
4		1	1				2 ✓																						
5		1	1				2 ✓																						
6		1	1				2 ✓																						
7					2																								
8					2																								
9					2																								
10					2																								
11					2																								
12					2																								

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® Location Requested (City/State):
Pace Analytical Charlotte
9800 Kincey Ave. Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Georgia Power- Hammond
Street Address: 241 Ralph McGill Blvd NE
Bin 10160
Atlanta, GA 30308

Contact/Report To: Kristen Jurinko
Phone #: 470-217-0008
E-Mail: knjurink@southernco.com
Cc E-Mail:

Customer Project #:
Project Name: ~~Plant Hammond Huffaker - 1st Background~~ C.H. 2/19/26
Plant Hammond Huffaker Parcel AB&E - 1st Background
Site Collection Info/Facility ID (as applicable):

Invoice To: Account Payable
Invoice E-Mail: georgiapowerinvoices@southernco.com
Purchase Order # (if applicable): GPC82474-0011
Quote #:

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET
County / State origin of sample(s): Georgia

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **: 3 | 3 | 3 | 2 | 3 | 1

Identify Container Preservative Type***: 2 | 2 | 2 | 1 | 1 | 2

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 1x0mL, (6) 40mL vial, (7) Encore, (8) TerraCore, (9) 90mL, (10) Other

***Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	App. III Metals	App. IV Metals	App. I Metals: Cu, Ni, Ag, V, Zn	2540C Total Dissolved Solids	300.0 - Cl, SO4, F	RAD 226/228					Sample Comment	Preservation non-conformance identified for sample.
HAM-GWC-21A	WG	Grab			2/17/2026	1247	4			X	X	X	X	X						Temp = 15 deg C 001	
HAM-GWC-42	WG	Grab			2/17/2026	1527	4			X	X	X	X	X						Temp = 18 deg C 002	
HAM-GWC-44	WG	Grab			2/17/2026	1717	4			X	X	X	X	X						Temp = 18 deg C 003	
HAM-HLF-ABE-FD-01	WG	Grab			2/17/2026	0000	4			X	X	X	X	X						Temp = 17 deg C 004	
HAM-HLF-ABE-EB-01	WQ	Grab			2/17/2026	1735	4			X	X	X	X	X						Temp = 17 deg C 005	
HAM-HLF-ABE-FB-01	WQ	Grab			2/17/2026	1730	4			X	X	X	X	X						Temp = 17 deg C 006	
HAM-GWC-21A	WG	Grab			2/17/2026	1247	2								X					Temp = 15 deg C	
HAM-GWC-42	WG	Grab	ZW 2/17/2026		2/17/2026	1527	2								X					Temp = 18 deg C	
HAM-GWC-44	WG	Grab			2/17/2026	1717	2								X					Temp = 18 deg C	
HAM-HLF-ABE-FD-01	WG	Grab			2/17/2026	0000	2	ZW 2/17/2026							X					Temp = 17 deg C	

Lab Use Only:
Proj. Mgr: Bonnie Vang
Acct Num / Client ID:
Table #:
Profile / Template: 16483
Prelog / Bottle Ord. ID: EZ 3367411

Additional Instructions from Pace®:
Task Code: HAM-CCR-OTH-20260216.
App III metals include B, Ca, Cl, F, SO4, TDS.
App IV metals include Sb, As, Ba, Be, Cd, Cr, Co, F, Pb, Li, Hg, Mo, Se, Tl, Ra.
App I metals include Cu, Ni, Ag, V, Zn.

Collected By:
(Printed Name) Zain Webb
Signature: Zain Webb

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: | Thermometer ID: | Correction Factor (°C): | Obs. Temp (°C): | Corrected Temp (°C): | On Ice:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
Zain Webb / Geosyntec	2/18/26 1425	Kyan William / Pace	2/18/26 1425	
Relinquished by/Company: (Signature) Kyan William / Pace	2/18/26 1635	Received by/Company: (Signature)	2/18/26 1635	Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 1 of 2

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

ENV-FRM-CORQ-0019_v02_110123

Pace® Location Requested (City/State):
Pace Analytical Charlotte
9800 Kincey Ave. Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name:	Georgia Power- Hammond	Contact/Report To:	Kristen Jurinko
Street Address:	241 Ralph McGill Blvd NE Bin 10160 Atlanta, GA 30308	Phone #:	470-217-0008
		E-Mail:	knjurink@southernco.com
		Cc E-Mail:	
Customer Project #:			
Project Name:	~~Plant Hammond Huffaker 1st Background~~ C.H. 2/19/26	Invoice To:	Account Payable
	Plant Hammond Huffaker Parcel AB&E - 1st Background	Invoice E-Mail	georgiapowerinvoices@southernco.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	GPC82474-0011
		Quote #:	
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET		County / State origin of sample(s):	Georgia
Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other	Regulatory Program (DW, RCRA, etc.) as applicable:	Reportable [ ] Yes [ ] No	
	Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____	DW PWSID # or WW Permit # as applicable:	
	Date Results Requested:	Field Filtered (if applicable): [ ] Yes [ ] No Analysis:	

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW) Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT

Specify Container Size **: 3 | 3 | 3 | 2 | 3 | 1

Identify Container Preservative Type***: 2 | 2 | 2 | 1 | 1 | 2

** Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	App. III Metals	App. IV Metals	App. I Metals: Cu, Ni, Ag, V, Zn	2540C Total Dissolved Solids	300.0 - Cl, SO4, F	RAD 226/228	Sample Comment	Preservation non-conformance identified for sample:
HAM-HLF-ABE-EB-01	WQ	Grab			2/17/2026	1735	2								X	Temp = 17 deg C	
HAM-HLF-ABE-FB-01	WQ	Grab	ZW 2/17/2026		2/17/2026	1730	2	ZW 2/17/2026							X	Temp = 17 deg C	

ZW 2/17/2026

Lab Use Only: Proj. Mgr: Bonnie Vang; AcctNum / Client ID:; Table #:; Profile / Template: 16483; Prelog / Bottle Ord. ID: EZ 3367411

Additional Instructions from Pace®:
Task Code: HAM-CCR-OTH-20260216
App III metals include B, Ca, Cl, F, SO4, TDS.
App IV metals include Sb, As, Ba, Be, Cd, Cr, Co, F, Pb, Li, Hg, Mo, Se, Tl, Ra.
App I metals include Cu, Ni, Ag, V, Zn.

Collected By: (Printed Name) Zain Webb
Signature: Zain Webb

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Zain Webb / Geosyntec	2/18/26 1425	Elijah William / Pace	2/18/26 1425
Relinquished by/Company: (Signature) Elijah William / Pace	2/18/26 1635	Received by/Company: (Signature)	2/18/26 1635
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 2 of 2

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

ENV-FRM-CORQ-0019_v02_110123

Pace	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 #:

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: 2/20/26 [illegible]

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

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

Thermometer: ☑ IR Gun ID: 214

Type of Ice: ☑ Wet ☐ Blue ☐ None

Cooler Temp: 2.3

Correction Factor: Add/Subtract (°C) 0.0

Cooler Temp Corrected (°C): 2.3

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:** _____

*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					BP1U																							
1		1	1		2✓	2✓																						
2																												
3																												
4																												
5																												
6																												
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11																												
12																												

pH Adjustment Log for Preserved Samples

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

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

Pace® Location Requested (City/State):
Pace Analytical Charlotte
9800 Kincey Ave. Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Georgia Power- Hammond
Street Address: 241 Ralph McGill Blvd NE
Bin 10160
Atlanta, GA 30308

Contact/Report To: Kristen Jurinko
Phone #: 470-217-0008
E-Mail: knjurink@southernco.com
Cc E-Mail:

Customer Project #:
Project Name: Plant Hammond-Huffaker Parcels AB&E -1st Background
Site Collection Info/Facility ID (as applicable):

Invoice To: Account Payable
Invoice E-Mail: georgiapowerinvoices@southernco.com
Purchase Order # (if applicable): GPC82474-0011
Quote #:

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET
County / State origin of sample(s): Georgia

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW) Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **: 3 3 3 2 3 1

Identify Container Preservative Type***: 2 2 2 1 1 2

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	App. III Metals	App. IV Metals	App. I Metals: Cu, Ni, Ag, V, Zn	2540C Total Dissolved Solids	300.0 - Cl, SO4, F	RAD 226/228	Sample Comment
HAM-GWC-43	WG	Grab			2/18/2026	0905	4			X	X	X	X	X		Temp = 15 deg C 014
HAM-GWC-43	WG	Grab	ZW 2/18/2026		2/18/2026	0905	2	ZW 2/18/2026							X	Temp = 15 deg C
																Last Sample
				ZW 2/18/2026												

Lab Use Only:
Proj. Mgr: Bonnie Vang
AcctNum / Client ID:
Table #:
Profile / Template: 16483
Prelog / Bottle Ord. ID: EZ 3367411

Preservation non conformance identified for sample.

Additional Instructions from Pace*:
Task Code: HAM-CCR-OTH-20260216.
App III metals include B, Ca, Cl, F, SO4, TDS.
App IV metals include Sb, As, Ba, Be, Cd, Cr, Co, F, Pb, Li, Hg, Mo, Se, Tl, Ra.
App I metals include Cu, Ni, Ag, V, Zn.

Collected By:
(Printed Name) Zain Webb
Signature: Zain Webb

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp (°C) Corrected Temp (°C) On Ice:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Zain Webb / Geosyntec	2/20/26 1235	Ryan Williams / Pace	2/20/26 1235
Ryan Williams / Pace	2/20/26 1505	Chandler Hunter	2/20/26 1505

Tracking Number:

Delivered by: [ ] In Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 1 of 1

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

ENV-FRM-CORQ-0019_v02_110123 ©

Quality Control Sample Performance Assessment

Pace Analytical™
www.pacelabs.com

Test:	Ra-228
Analyst:	VAL
Date:	2/27/2026
Worklist:	89582
Matrix:	WT

Analyst Must Manually Enter All Fields Highlighted in Yellow.

Method Blank Assessment	
MB Sample ID	3912134
MB concentration:	0.686
M/B 2 Sigma CSU:	0.377
MB MDC:	0.670
MB Numerical Performance Indicator:	3.57
MB Status vs Numerical Indicator:	Fail*
MB Status vs. MDC:	See Comment*

Laboratory Control Sample Assessment	LCSD (Y or N)?	Y
	LCS89582	LCSD89582
Count Date:	3/4/2026	3/4/2026
Spike I.D.:	23-043	23-043
Decay Corrected Spike Concentration (pCi/mL):	29.571	29.571
Volume Used (mL):	0.10	0.10
Aliquot Volume (L, g, F):	0.821	0.818
Target Conc. (pCi/L, g, F):	3.603	3.616
Uncertainty (Calculated):	0.177	0.177
Result (pCi/L, g, F):	4.297	4.578
LCS/LCSD 2 Sigma CSU (pCi/L, g, F):	1.103	1.090
Numerical Performance Indicator:	1.22	1.71
Percent Recovery:	119.27%	126.59%
Status vs Numerical Indicator:	N/A	N/A
Status vs Recovery:	Pass	Pass
Upper % Recovery Limits:	135%	135%
Lower % Recovery Limits:	60%	60%

Sample Matrix Spike Control Assessment	MS/MSD 1	MS/MSD 2
Sample Collection Date:		
Sample I.D.		
Sample MS I.D.		
Sample MSD I.D.		
Spike I.D.:		
MS/MSD Decay Corrected Spike Concentration (pCi/mL):		
Spike Volume Used in MS (mL):		
Spike Volume Used in MSD (mL):		
MS Aliquot (L, g, F):		
MS Target Conc.(pCi/L, g, F):		
MSD Aliquot (L, g, F):		
MSD Target Conc. (pCi/L, g, F):		
MS Spike Uncertainty (calculated):		
MSD Spike Uncertainty (calculated):		
Sample Result:		
Sample Result 2 Sigma CSU (pCi/L, g, F):		
Sample Matrix Spike Result:		
Matrix Spike Result 2 Sigma CSU (pCi/L, g, F):		
Sample Matrix Spike Duplicate Result:		
Matrix Spike Duplicate Result 2 Sigma CSU (pCi/L, g, F):		
MS Numerical Performance Indicator:		
MSD Numerical Performance Indicator:		
MS Percent Recovery:		
MSD Percent Recovery:		
MS Status vs Numerical Indicator:		
MSD Status vs Numerical Indicator:		
MS Status vs Recovery:		
MSD Status vs Recovery:		
MS/MSD Upper % Recovery Limits:		
MS/MSD Lower % Recovery Limits:		

Duplicate Sample Assessment		
Sample I.D.:	LCS89582	Enter Duplicate sample IDs if other than LCS/LCSD in the space below.
Duplicate Sample I.D.	LCSD89582	
Sample Result (pCi/L, g, F):	4.297	
Sample Result 2 Sigma CSU (pCi/L, g, F):	1.103	
Sample Duplicate Result (pCi/L, g, F):	4.578	
Sample Duplicate Result 2 Sigma CSU (pCi/L, g, F):	1.090	
Are sample and/or duplicate results below RL?	NO	
Duplicate Numerical Performance Indicator:	-0.355	
(Based on the LCS/LCSD Percent Recoveries) Duplicate RPD:	5.95%	
Duplicate Status vs Numerical Indicator:	Pass	
Duplicate Status vs RPD:	Pass	
% RPD Limit:	36%	

Matrix Spike/Matrix Spike Duplicate Sample Assessment		
Sample I.D.		
Sample MS I.D.		
Sample MSD I.D.		
Sample Matrix Spike Result:		
Matrix Spike Result 2 Sigma CSU (pCi/L, g, F):		
Sample Matrix Spike Duplicate Result:		
Matrix Spike Duplicate Result 2 Sigma CSU (pCi/L, g, F):		
Duplicate Numerical Performance Indicator:		
(Based on the Percent Recoveries) MS/ MSD Duplicate RPD:		
MS/ MSD Duplicate Status vs Numerical Indicator:		
MS/ MSD Duplicate Status vs RPD:		
% RPD Limit:		

Evaluation of duplicate precision is not applicable if either the sample or duplicate results are below the MDC.

Comments:
*The method blank result is below the reporting limit for this analysis and is acceptable. ✓

MU 3/5/26

CT 3-5-26

Quality Control Sample Performance Assessment

Pace Analytical
www.pacelabs.com

Test:	Ra-228
Analyst:	JJS1
Date:	3/4/2026
Worklist:	89619
Matrix:	WT

Analyst Must Manually Enter All Fields Highlighted in Yellow.

Method Blank Assessment	
MB Sample ID	3914011
MB concentration:	0.278
M/B 2 Sigma CSU:	0.274
MB MDC:	0.557
MB Numerical Performance Indicator:	1.98
MB Status vs Numerical Indicator:	Pass
MB Status vs. MDC:	Pass

Laboratory Control Sample Assessment	LCSD (Y or N)?	Y
	LCS89619	LCSD89619
Count Date:	3/12/2026	3/17/2026
Spike I.D.:	23-043	23-043
Decay Corrected Spike Concentration (pCi/mL):	29.495	29.445
Volume Used (mL):	0.10	0.10
Aliquot Volume (L, g, F):	0.817	0.821
Target Conc. (pCi/L, g, F):	3.611	3.589
Uncertainty (Calculated):	0.177	0.176
Result (pCi/L, g, F):	3.297	3.897
LCS/LCSD 2 Sigma CSU (pCi/L, g, F):	0.817	0.962
Numerical Performance Indicator:	-0.74	0.62
Percent Recovery:	91.31%	108.59%
Status vs Numerical Indicator:	N/A	N/A
Status vs Recovery:	Pass	Pass
Upper % Recovery Limits:	135%	135%
Lower % Recovery Limits:	60%	60%

Sample Matrix Spike Control Assessment	MS/MSD 1	MS/MSD 2
Sample Collection Date:		
Sample I.D.		
Sample MS I.D.		
Sample MSD I.D.		
Spike I.D.:		
MS/MSD Decay Corrected Spike Concentration (pCi/mL):		
Spike Volume Used in MS (mL):		
Spike Volume Used in MSD (mL):		
MS Aliquot (L, g, F):		
MS Target Conc.(pCi/L, g, F):		
MSD Aliquot (L, g, F):		
MSD Target Conc. (pCi/L, g, F):		
MS Spike Uncertainty (calculated):		
MSD Spike Uncertainty (calculated):		
Sample Result:		
Sample Result 2 Sigma CSU (pCi/L, g, F):		
Sample Matrix Spike Result:		
Matrix Spike Result 2 Sigma CSU (pCi/L, g, F):		
Sample Matrix Spike Duplicate Result:		
Matrix Spike Duplicate Result 2 Sigma CSU (pCi/L, g, F):		
MS Numerical Performance Indicator:		
MSD Numerical Performance Indicator:		
MS Percent Recovery:		
MSD Percent Recovery:		
MS Status vs Numerical Indicator:		
MSD Status vs Numerical Indicator:		
MS Status vs Recovery:		
MSD Status vs Recovery:		
MS/MSD Upper % Recovery Limits:		
MS/MSD Lower % Recovery Limits:		

Duplicate Sample Assessment		
Sample I.D.:	LCS89619	Enter Duplicate sample IDs if other than LCS/LCSD in the space below.
Duplicate Sample I.D.	LCSD89619	
Sample Result (pCi/L, g, F):	3.297	
Sample Result 2 Sigma CSU (pCi/L, g, F):	0.817	
Sample Duplicate Result (pCi/L, g, F):	3.897	
Sample Duplicate Result 2 Sigma CSU (pCi/L, g, F):	0.962	
Are sample and/or duplicate results below RL?	NO	
Duplicate Numerical Performance Indicator:	-0.931	
(Based on the LCS/LCSD Percent Recoveries) Duplicate RPD:	17.29%	
Duplicate Status vs Numerical Indicator:	Pass	
Duplicate Status vs RPD:	Pass	
% RPD Limit:	36%	

Matrix Spike/Matrix Spike Duplicate Sample Assessment		
Sample I.D.		
Sample MS I.D.		
Sample MSD I.D.		
Sample Matrix Spike Result:		
Matrix Spike Result 2 Sigma CSU (pCi/L, g, F):		
Sample Matrix Spike Duplicate Result:		
Matrix Spike Duplicate Result 2 Sigma CSU (pCi/L, g, F):		
Duplicate Numerical Performance Indicator:		
(Based on the Percent Recoveries) MS/ MSD Duplicate RPD:		
MS/ MSD Duplicate Status vs Numerical Indicator:		
MS/ MSD Duplicate Status vs RPD:		
% RPD Limit:		

Evaluation of duplicate precision is not applicable if either the sample or duplicate results are below the MDC.

Comments:

UAM3/18/26

3-18-26
JJS

Quality Control Sample Performance Assessment

Pace Analytical™
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Test:	Ra-226
Analyst:	SLC
Date:	3/1/2026
Worklist:	89573
Matrix:	WT

Analyst Must Manually Enter All Fields Highlighted in Yellow.

Method Blank Assessment	
MB Sample ID	3911958
MB concentration:	0.127
M/B 2 Sigma CSU:	0.141
MB MDC:	0.294
MB Numerical Performance Indicator:	1.77
MB Status vs Numerical Indicator:	Pass
MB Status vs. MDC:	N/A

Laboratory Control Sample Assessment	LCSD (Y or N)?	Y
	LCS89573	LCSD89573
Count Date:	3/6/2026	3/6/2026
Spike I.D.:	23-014	23-014
Decay Corrected Spike Concentration (pCi/mL):	25.004	25.004
Volume Used (mL):	0.10	0.10
Aliquot Volume (L, g, F):	0.501	0.502
Target Conc. (pCi/L, g, F):	4.986	4.981
Uncertainty (Calculated):	0.234	0.234
Result (pCi/L, g, F):	5.264	4.867
LCS/LCSD 2 Sigma CSU (pCi/L, g, F):	0.959	0.896
Numerical Performance Indicator:	0.55	-0.24
Percent Recovery:	105.57%	97.70%
Status vs Numerical Indicator:	Pass	Pass
Status vs Recovery:	N/A	N/A
Upper % Recovery Limits:	125%	125%
Lower % Recovery Limits:	75%	75%

Sample Matrix Spike Control Assessment	MS/MSD 1	MS/MSD 2
Sample Collection Date:		
Sample I.D.		
Sample MS I.D.		
Sample MSD I.D.		
Spike I.D.:		
MS/MSD Decay Corrected Spike Concentration (pCi/mL):		
Spike Volume Used in MS (mL):		
Spike Volume Used in MSD (mL):		
MS Aliquot (L, g, F):		
MS Target Conc.(pCi/L, g, F):		
MSD Aliquot (L, g, F):		
MSD Target Conc. (pCi/L, g, F):		
MS Spike Uncertainty (calculated):		
MSD Spike Uncertainty (calculated):		
Sample Result:		
Sample Result 2 Sigma CSU (pCi/L, g, F):		
Sample Matrix Spike Result:		
Matrix Spike Result 2 Sigma CSU (pCi/L, g, F):		
Sample Matrix Spike Duplicate Result:		
Matrix Spike Duplicate Result 2 Sigma CSU (pCi/L, g, F):		
MS Numerical Performance Indicator:		
MSD Numerical Performance Indicator:		
MS Percent Recovery:		
MSD Percent Recovery:		
MS Status vs Numerical Indicator:		
MSD Status vs Numerical Indicator:		
MS Status vs Recovery:		
MSD Status vs Recovery:		
MS/MSD Upper % Recovery Limits:		
MS/MSD Lower % Recovery Limits:		

Duplicate Sample Assessment		
Sample I.D.:	LCS89573	92845130025
Duplicate Sample I.D.	LCSD89573	92845130025DUP
Sample Result (pCi/L, g, F):	5.264	1.922
Sample Result 2 Sigma CSU (pCi/L, g, F):	0.959	0.452
Sample Duplicate Result (pCi/L, g, F):	4.867	2.332
Sample Duplicate Result 2 Sigma CSU (pCi/L, g, F):	0.896	0.512
Are sample and/or duplicate results below RL?	NO	See Below ##
Duplicate Numerical Performance Indicator:	0.593	-1.176
(Based on the LCS/LCSD Percent Recoveries) Duplicate RPD:	7.74%	19.25%
Duplicate Status vs Numerical Indicator:	Pass	Pass
Duplicate Status vs RPD:	N/A	N/A
% RPD Limit:	25%	25%

Matrix Spike/Matrix Spike Duplicate Sample Assessment		
Sample I.D.		
Sample MS I.D.		
Sample MSD I.D.		
Sample Matrix Spike Result:		
Matrix Spike Result 2 Sigma CSU (pCi/L, g, F):		
Sample Matrix Spike Duplicate Result:		
Matrix Spike Duplicate Result 2 Sigma CSU (pCi/L, g, F):		
Duplicate Numerical Performance Indicator:		
(Based on the Percent Recoveries) MS/ MSD Duplicate RPD:		
MS/ MSD Duplicate Status vs Numerical Indicator:		
MS/ MSD Duplicate Status vs RPD:		
% RPD Limit:		

Evaluation of duplicate precision is not applicable if either the sample or duplicate results are below the MDC.

Comments:

Nu 3/9/26

UAm 3/9/26

Quality Control Sample Performance Assessment

Pace Analytical™
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Test:	Ra-226
Analyst:	SLC
Date:	3/6/2026
Worklist:	89618
Matrix:	WT

Analyst Must Manually Enter All Fields Highlighted in Yellow.

Method Blank Assessment	
MB Sample ID	3914007
MB concentration:	0.237
M/B 2 Sigma CSU:	0.253
MB MDC:	0.525
MB Numerical Performance Indicator:	1.84
MB Status vs Numerical Indicator:	Pass
MB Status vs. MDC:	N/A

Laboratory Control Sample Assessment	LCSD (Y or N)?	Y
	LCS89618	LCSD89618
Count Date:	3/9/2026	3/9/2026
Spike I.D.:	23-014	23-014
Decay Corrected Spike Concentration (pCi/mL):	25.004	25.004
Volume Used (mL):	0.10	0.10
Aliquot Volume (L, g, F):	0.500	0.509
Target Conc. (pCi/L, g, F):	4.998	4.917
Uncertainty (Calculated):	0.235	0.231
Result (pCi/L, g, F):	5.428	5.232
LCS/LCSD 2 Sigma CSU (pCi/L, g, F):	1.040	1.024
Numerical Performance Indicator:	0.79	0.59
Percent Recovery:	108.61%	106.42%
Status vs Numerical Indicator:	Pass	Pass
Status vs Recovery:	N/A	N/A
Upper % Recovery Limits:	125%	125%
Lower % Recovery Limits:	75%	75%

Sample Matrix Spike Control Assessment	MS/MSD 1	MS/MSD 2
Sample Collection Date:		
Sample I.D.		
Sample MS I.D.		
Sample MSD I.D.		
Spike I.D.:		
MS/MSD Decay Corrected Spike Concentration (pCi/mL):		
Spike Volume Used in MS (mL):		
Spike Volume Used in MSD (mL):		
MS Aliquot (L, g, F):		
MS Target Conc.(pCi/L, g, F):		
MSD Aliquot (L, g, F):		
MSD Target Conc. (pCi/L, g, F):		
MS Spike Uncertainty (calculated):		
MSD Spike Uncertainty (calculated):		
Sample Result:		
Sample Result 2 Sigma CSU (pCi/L, g, F):		
Sample Matrix Spike Result:		
Matrix Spike Result 2 Sigma CSU (pCi/L, g, F):		
Sample Matrix Spike Duplicate Result:		
Matrix Spike Duplicate Result 2 Sigma CSU (pCi/L, g, F):		
MS Numerical Performance Indicator:		
MSD Numerical Performance Indicator:		
MS Percent Recovery:		
MSD Percent Recovery:		
MS Status vs Numerical Indicator:		
MSD Status vs Numerical Indicator:		
MS Status vs Recovery:		
MSD Status vs Recovery:		
MS/MSD Upper % Recovery Limits:		
MS/MSD Lower % Recovery Limits:		

Duplicate Sample Assessment		
Sample I.D.:	LCS89618	92845359012
Duplicate Sample I.D.	LCSD89618	92845359012DUP
Sample Result (pCi/L, g, F):	5.428	0.233
Sample Result 2 Sigma CSU (pCi/L, g, F):	1.040	0.202
Sample Duplicate Result (pCi/L, g, F):	5.232	0.312
Sample Duplicate Result 2 Sigma CSU (pCi/L, g, F):	1.024	0.231
Are sample and/or duplicate results below RL?	NO	See Below ##
Duplicate Numerical Performance Indicator:	0.263	-0.508
(Based on the LCS/LCSD Percent Recoveries) Duplicate RPD:	2.03%	29.19%
Duplicate Status vs Numerical Indicator:	Pass	Pass
Duplicate Status vs RPD:	N/A	N/A
% RPD Limit:	25%	25%

Matrix Spike/Matrix Spike Duplicate Sample Assessment		
Sample I.D.		
Sample MS I.D.		
Sample MSD I.D.		
Sample Matrix Spike Result:		
Matrix Spike Result 2 Sigma CSU (pCi/L, g, F):		
Sample Matrix Spike Duplicate Result:		
Matrix Spike Duplicate Result 2 Sigma CSU (pCi/L, g, F):		
Duplicate Numerical Performance Indicator:		
(Based on the Percent Recoveries) MS/ MSD Duplicate RPD:		
MS/ MSD Duplicate Status vs Numerical Indicator:		
MS/ MSD Duplicate Status vs RPD:		
% RPD Limit:		

Evaluation of duplicate precision is not applicable if either the sample or duplicate results are below the MDC.

Comments:

LAM 3/10/26

CT 3-10-26

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

March 27, 2026

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

RE: Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

Dear Kristen Jurinko:

Enclosed are the analytical results for sample(s) received by the laboratory between February 18, 2026 and February 23, 2026. 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 National - Mt. Juliet
- 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
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
Amanda Tomlinson, Geosyntec Consultants
Zain Webb, Geosyntec Consultants

REPORT OF LABORATORY ANALYSIS

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

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

CERTIFICATIONS

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122
Alabama Certification #: 40660
Alaska Certification 17-026
Arizona Certification #: AZ0612
Arkansas Certification #: 88-0469
California Certification #: 2932
Canada Certification #: 1461.01
Colorado Certification #: TN00003
Connecticut Certification #: PH-0197
DOD Certification: #1461.01
EPA# TN00003
Florida Certification #: E87487
Georgia DW Certification #: 923
Georgia Certification: NELAP
Idaho Certification #: TN00003
Illinois Certification #: 200008
Indiana Certification #: C-TN-01
Iowa Certification #: 364
Kansas Certification #: E-10277
Kentucky UST Certification #: 16
Kentucky Certification #: 90010
Louisiana Certification #: AI30792
Louisiana DW Certification #: LA180010
Maine Certification #: TN0002
Maryland Certification #: 324
Massachusetts Certification #: M-TN003
Michigan Certification #: 9958
Minnesota Certification #: 047-999-395
Mississippi Certification #: TN00003
Missouri Certification #: 340
Montana Certification #: CERT0086
Nebraska Certification #: NE-OS-15-05
Nevada Certification #: TN-03-2002-34
New Hampshire Certification #: 2975
New Jersey Certification #: TN002
New Mexico DW Certification
New York Certification #: 11742
North Carolina Aquatic Toxicity Certification #: 41
North Carolina Drinking Water Certification #: 21704
North Carolina Environmental Certificate #: 375
North Dakota Certification #: R-140
Ohio VAP Certification #: CL0069
Oklahoma Certification #: 9915
Oregon Certification #: TN200002
Pennsylvania Certification #: 68-02979
Rhode Island Certification #: LAO00356
South Carolina Certification #: 84004
South Dakota Certification
Tennessee DW/Chem/Micro Certification #: 2006
Texas Mold Certification #: LAB0152
Texas Certification #: T 104704245-17-14
USDA Soil Permit #: P330-15-00234
Utah Certification #: TN00003
Virginia Certification #: VT2006
Vermont Dept. of Health: ID# VT-2006
Virginia Certification #: 460132
Washington Certification #: C847
West Virginia Certification #: 233
Wisconsin Certification #: 998093910
Wyoming UST Certification #: via A2LA 2926.01
A2LA-ISO 17025 Certification #: 1461.01
A2LA-ISO 17025 Certification #: 1461.02
AIHA-LAP/LLC EMLAP Certification #:100789

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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(704)875-9092

SAMPLE SUMMARY

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92845019007	**HAM-GWA-24**	Water	02/16/26 16:26	02/18/26 16:35
92845019008	**HAM-GWA-25**	Water	02/17/26 11:15	02/18/26 16:35
92845019009	**HAM-GWA-26**	Water	02/17/26 10:01	02/18/26 16:35
92845019010	**HAM-GWA-27**	Water	02/16/26 17:05	02/18/26 16:35
92845019011	**HAM-GWC-32**	Water	02/17/26 16:17	02/18/26 16:35
92845019012	**HAM-GWC-39**	Water	02/17/26 13:55	02/18/26 16:35
92845520008	**HAM-GWC-28**	Water	02/18/26 17:16	02/20/26 15:05
92845520009	**HAM-GWC-31**	Water	02/18/26 15:08	02/20/26 15:05
92845520010	**HAM-GWC-33**	Water	02/19/26 11:50	02/20/26 15:05
92845520011	**HAM-GWC-34**	Water	02/19/26 10:05	02/20/26 15:05
92845520012	**HAM-GWC-35**	Water	02/19/26 16:20	02/20/26 15:05
92845520013	**HAM-GWC-36**	Water	02/19/26 13:30	02/20/26 15:05
92845520014	**HAM-HLF-F-FD-02**	Water	02/19/26 00:00	02/20/26 15:05
92845520015	**HAM-GWC-29**	Water	02/20/26 14:54	02/23/26 11:15
92845520016	**HAM-GWC-37**	Water	02/20/26 13:20	02/23/26 11:15
92845520017	**HAM-GWC-38**	Water	02/20/26 17:13	02/23/26 11:15
92845520018	**HAM-GWC-41**	Water	02/20/26 11:15	02/23/26 11:15
92845520019	**HAM-HLF-F-EB-02**	Water	02/20/26 16:25	02/23/26 11:15
92845520020	**HAM-HLF-F-FB-02**	Water	02/20/26 16:20	02/23/26 11:15
92845520021	**HAM-HLF-F-FD-03**	Water	02/20/26 00:00	02/23/26 11:15
92845520022	**HAM-GWC-30**	Water	02/22/26 12:47	02/23/26 11:15
92845520023	**HAM-GWC-30-Filtered**	Water	02/22/26 12:52	02/23/26 11:15
92845520024	**HAM-HLF-F-EB-03**	Water	02/22/26 14:10	02/23/26 11:15
92845520025	**HAM-HLF-F-FB-03**	Water	02/22/26 14:05	02/23/26 11:15
92845520026	**HAM-GWC-40**	Water	02/21/26 12:12	02/23/26 11:15

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SAMPLE ANALYTE COUNT

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92845019007	**HAM-GWA-24**	EPA 6020B	LD	1	PAN
		SM 2540C-2020	CDM	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6020B	ARB, BW	18	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92845019008	**HAM-GWA-25**	EPA 6020B	LD	1	PAN
		SM 2540C-2020	CDM	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6020B	ARB, BW	18	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92845019009	**HAM-GWA-26**	EPA 6020B	LD	1	PAN
		SM 2540C-2020	CDM	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6020B	BW	18	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92845019010	**HAM-GWA-27**	EPA 6020B	LD	1	PAN
		SM 2540C-2020	CDM	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6020B	BW	18	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92845019011	**HAM-GWC-32**	EPA 6020B	LD	1	PAN
		SM 2540C-2020	CDM	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6020B	BW	18	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92845019012	**HAM-GWC-39**	EPA 6020B	LD	1	PAN
		SM 2540C-2020	CDM	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6020B	BW	18	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92845520008	**HAM-GWC-28**	EPA 6020B	TMT	1	PAN
		SM 2540C-2020	NSS	1	PASI-A
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6020B	BW, JJM1	18	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92845520009	**HAM-GWC-31**	EPA 6020B	TMT	1	PAN
		SM 2540C-2020	NSS	1	PASI-A

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SAMPLE ANALYTE COUNT

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6020B	BW, JJM1	18	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92845520010	**HAM-GWC-33**	EPA 6020B	TMT	1	PAN
		SM 2540C-2020	ACE	1	PASI-A
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6020B	BW, JJM1	18	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92845520011	**HAM-GWC-34**	EPA 6020B	TMT	1	PAN
		SM 2540C-2020	ACE	1	PASI-A
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6020B	BW, JJM1	18	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92845520012	**HAM-GWC-35**	EPA 6020B	TMT	1	PAN
		SM 2540C-2020	ACE	1	PASI-A
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6020B	BW, JJM1	18	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92845520013	**HAM-GWC-36**	EPA 6020B	TMT	1	PAN
		SM 2540C-2020	ACE	1	PASI-A
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6020B	BW, JJM1	18	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92845520014	**HAM-HLF-F-FD-02**	EPA 6020B	TMT	1	PAN
		SM 2540C-2020	ACE	1	PASI-A
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6020B	BW, JJM1	18	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92845520015	**HAM-GWC-29**	EPA 6020B	JDB	1	PAN
		SM 2540C-2020	CMW1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6020B	BW, JJM1	18	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92845520016	**HAM-GWC-37**	EPA 6020B	TMT	1	PAN
		SM 2540C-2020	CMW1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6020B	BW, JJM1	18	PASI-WC

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SAMPLE ANALYTE COUNT

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 7470A	DH	1	PASI-WC
92845520017	**HAM-GWC-38**	EPA 6020B	TMT	1	PAN
		SM 2540C-2020	CMW1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6020B	BW, JJM1	18	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92845520018	**HAM-GWC-41**	EPA 6020B	TMT	1	PAN
		SM 2540C-2020	CMW1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6020B	BW, JJM1	18	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92845520019	**HAM-HLF-F-EB-02**	EPA 6020B	TMT	1	PAN
		SM 2540C-2020	CMW1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6020B	BW, JJM1	18	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92845520020	**HAM-HLF-F-FB-02**	EPA 6020B	TMT	1	PAN
		SM 2540C-2020	CMW1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6020B	BW, JJM1	18	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92845520021	**HAM-HLF-F-FD-03**	EPA 6020B	TMT	1	PAN
		SM 2540C-2020	CMW1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6020B	BW, JJM1	18	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92845520022	**HAM-GWC-30**	EPA 6020B	TMT	1	PAN
		SM 2540C-2020	CMW1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6020B	BW, JJM1	18	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92845520023	**HAM-GWC-30-Filtered**	EPA 6020B	JDB	1	PAN
		EPA 6020B	BW	18	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92845520024	**HAM-HLF-F-EB-03**	EPA 6020B	TMT	1	PAN
		SM 2540C-2020	CMW1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A

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SAMPLE ANALYTE COUNT

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6020B	BW, JJM1	18	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92845520025	**HAM-HLF-F-FB-03**	EPA 6020B	TMT	1	PAN
		SM 2540C-2020	CMW1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6020B	BW, JJM1	18	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92845520026	**HAM-GWC-40**	EPA 6020B	TMT	1	PAN
		SM 2540C-2020	CMW1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6020B	BW, JJM1	18	PASI-WC
		EPA 7470A	DH	1	PASI-WC

PAN = Pace National - Mt. Juliet
PASI-A = Pace Analytical Services - Asheville
PASI-WC = Pace Analytical Services - West Columbia

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SUMMARY OF DETECTION

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92845019007	**HAM-GWA-24**					
EPA 6020B	Lithium	0.00696	mg/L	0.00200	02/25/26 19:13	
SM 2540C-2020	Total Dissolved Solids	55.0	mg/L	25.0	02/21/26 17:53	
EPA 300.0 Rev 2.1 1993	Chloride	1.5	mg/L	1.0	02/20/26 05:12	
EPA 300.0 Rev 2.1 1993	Fluoride	0.057J	mg/L	0.10	02/20/26 05:12	
EPA 300.0 Rev 2.1 1993	Sulfate	1.7	mg/L	1.0	02/20/26 05:12	
EPA 6020B	Barium	0.0025J	mg/L	0.0050	03/13/26 14:31	
EPA 6020B	Boron	0.0095J	mg/L	0.040	03/20/26 14:38	
EPA 6020B	Calcium	0.82	mg/L	0.40	03/13/26 14:31	
EPA 6020B	Chromium	0.00057J	mg/L	0.0050	03/13/26 14:31	
EPA 6020B	Cobalt	0.0024J	mg/L	0.0050	03/13/26 14:31	
EPA 6020B	Nickel	0.0023J	mg/L	0.0050	03/13/26 14:31	
EPA 6020B	Zinc	0.0030J	mg/L	0.010	03/13/26 14:31	
92845019008	**HAM-GWA-25**					
EPA 6020B	Lithium	0.00428	mg/L	0.00200	02/25/26 19:16	
SM 2540C-2020	Total Dissolved Solids	28.0	mg/L	25.0	02/21/26 17:55	
EPA 300.0 Rev 2.1 1993	Chloride	1.9	mg/L	1.0	02/20/26 05:26	
EPA 300.0 Rev 2.1 1993	Sulfate	3.6	mg/L	1.0	02/20/26 05:26	
EPA 6020B	Barium	0.0094	mg/L	0.0050	03/13/26 14:34	
EPA 6020B	Boron	0.0091J	mg/L	0.040	03/20/26 14:46	
EPA 6020B	Calcium	2.5	mg/L	0.40	03/13/26 14:34	
EPA 6020B	Chromium	0.00084J	mg/L	0.0050	03/13/26 14:34	
EPA 6020B	Cobalt	0.0030J	mg/L	0.0050	03/13/26 14:34	
EPA 6020B	Nickel	0.0064	mg/L	0.0050	03/13/26 14:34	
EPA 6020B	Zinc	0.0096J	mg/L	0.010	03/13/26 14:34	
92845019009	**HAM-GWA-26**					
EPA 6020B	Lithium	0.00892	mg/L	0.00200	02/25/26 19:19	
SM 2540C-2020	Total Dissolved Solids	85.0	mg/L	25.0	02/21/26 17:55	
EPA 300.0 Rev 2.1 1993	Chloride	1.8	mg/L	1.0	02/20/26 05:41	
EPA 300.0 Rev 2.1 1993	Fluoride	0.11	mg/L	0.10	02/20/26 05:41	
EPA 300.0 Rev 2.1 1993	Sulfate	1.7	mg/L	1.0	02/20/26 05:41	
EPA 6020B	Arsenic	0.00089J	mg/L	0.0020	03/20/26 15:12	
EPA 6020B	Barium	0.032	mg/L	0.0050	03/20/26 15:12	
EPA 6020B	Boron	0.010J	mg/L	0.040	03/20/26 15:12	
EPA 6020B	Calcium	15.3	mg/L	0.40	03/20/26 15:12	
EPA 6020B	Chromium	0.00024J	mg/L	0.0050	03/20/26 15:12	
EPA 6020B	Cobalt	0.0049J	mg/L	0.0050	03/20/26 15:12	
EPA 6020B	Nickel	0.0034J	mg/L	0.0050	03/20/26 15:12	
EPA 6020B	Zinc	0.0034J	mg/L	0.010	03/20/26 15:12	
92845019010	**HAM-GWA-27**					
EPA 6020B	Lithium	0.00742	mg/L	0.00200	02/25/26 19:22	
SM 2540C-2020	Total Dissolved Solids	51.0	mg/L	25.0	02/21/26 17:53	
EPA 300.0 Rev 2.1 1993	Chloride	1.9	mg/L	1.0	02/20/26 06:24	
EPA 300.0 Rev 2.1 1993	Sulfate	6.4	mg/L	1.0	02/20/26 06:24	
EPA 6020B	Barium	0.020	mg/L	0.0050	03/20/26 15:21	
EPA 6020B	Calcium	4.7	mg/L	0.40	03/20/26 15:21	
EPA 6020B	Chromium	0.00043J	mg/L	0.0050	03/20/26 15:21	

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SUMMARY OF DETECTION

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92845019010	**HAM-GWA-27**					
EPA 6020B	Cobalt	0.0014J	mg/L	0.0050	03/20/26 15:21	
EPA 6020B	Nickel	0.0059	mg/L	0.0050	03/20/26 15:21	
EPA 6020B	Zinc	0.0047J	mg/L	0.010	03/20/26 15:21	
92845019011	**HAM-GWC-32**					
EPA 6020B	Lithium	0.0136	mg/L	0.00200	02/25/26 19:25	
SM 2540C-2020	Total Dissolved Solids	384	mg/L	25.0	02/21/26 17:55	
EPA 300.0 Rev 2.1 1993	Chloride	2.6	mg/L	1.0	02/20/26 06:38	
EPA 300.0 Rev 2.1 1993	Fluoride	0.12	mg/L	0.10	02/20/26 06:38	
EPA 300.0 Rev 2.1 1993	Sulfate	43.5	mg/L	1.0	02/20/26 06:38	
EPA 6020B	Antimony	0.00089J	mg/L	0.0020	03/20/26 15:29	
EPA 6020B	Arsenic	0.00068J	mg/L	0.0020	03/20/26 15:29	
EPA 6020B	Barium	0.11	mg/L	0.0050	03/20/26 15:29	
EPA 6020B	Boron	0.063	mg/L	0.040	03/20/26 15:29	
EPA 6020B	Calcium	102	mg/L	2.0	03/23/26 16:32	
EPA 6020B	Cobalt	0.00025J	mg/L	0.0050	03/20/26 15:29	
EPA 6020B	Zinc	0.0020J	mg/L	0.010	03/20/26 15:29	
92845019012	**HAM-GWC-39**					
EPA 6020B	Lithium	0.00767	mg/L	0.00200	02/25/26 19:28	
SM 2540C-2020	Total Dissolved Solids	147	mg/L	25.0	02/21/26 17:56	
EPA 300.0 Rev 2.1 1993	Chloride	2.2	mg/L	1.0	02/20/26 03:32	
EPA 300.0 Rev 2.1 1993	Fluoride	0.15	mg/L	0.10	02/20/26 03:32	
EPA 300.0 Rev 2.1 1993	Sulfate	2.7	mg/L	1.0	02/20/26 03:32	
EPA 6020B	Arsenic	0.00047J	mg/L	0.0020	03/20/26 15:38	
EPA 6020B	Barium	0.087	mg/L	0.0050	03/20/26 15:38	
EPA 6020B	Boron	0.023J	mg/L	0.040	03/20/26 15:38	
EPA 6020B	Calcium	38.3	mg/L	2.0	03/23/26 16:41	
EPA 6020B	Cobalt	0.00035J	mg/L	0.0050	03/20/26 15:38	
92845520008	**HAM-GWC-28**					
EPA 6020B	Lithium	0.0186	mg/L	0.00200	02/26/26 18:29	
SM 2540C-2020	Total Dissolved Solids	97.0	mg/L	25.0	02/24/26 03:01	
EPA 300.0 Rev 2.1 1993	Chloride	1.4	mg/L	1.0	02/24/26 09:42	
EPA 300.0 Rev 2.1 1993	Fluoride	0.062J	mg/L	0.10	02/24/26 09:42	
EPA 300.0 Rev 2.1 1993	Sulfate	0.92J	mg/L	1.0	02/24/26 09:42	
EPA 6020B	Antimony	0.00061J	mg/L	0.0020	03/20/26 15:30	
EPA 6020B	Arsenic	0.00078J	mg/L	0.0020	03/20/26 15:30	
EPA 6020B	Barium	0.026	mg/L	0.0050	03/20/26 15:30	
EPA 6020B	Boron	0.0094J	mg/L	0.040	03/24/26 00:00	
EPA 6020B	Calcium	4.7	mg/L	0.40	03/20/26 15:30	
EPA 6020B	Chromium	0.00048J	mg/L	0.0050	03/20/26 15:30	
EPA 6020B	Cobalt	0.0011J	mg/L	0.0050	03/20/26 15:30	
EPA 6020B	Nickel	0.0018J	mg/L	0.0050	03/20/26 15:30	
EPA 6020B	Zinc	0.0021J	mg/L	0.010	03/20/26 15:30	
92845520009	**HAM-GWC-31**					
EPA 6020B	Lithium	0.00874	mg/L	0.00200	02/26/26 18:32	
SM 2540C-2020	Total Dissolved Solids	271	mg/L	25.0	02/24/26 03:01	

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SUMMARY OF DETECTION

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92845520009	**HAM-GWC-31**					
EPA 300.0 Rev 2.1 1993	Chloride	2.5	mg/L	1.0	02/24/26 11:47	
EPA 300.0 Rev 2.1 1993	Fluoride	0.12	mg/L	0.10	02/24/26 11:47	
EPA 300.0 Rev 2.1 1993	Sulfate	24.7	mg/L	1.0	02/24/26 11:47	
EPA 6020B	Barium	0.15	mg/L	0.0050	03/20/26 15:34	
EPA 6020B	Boron	0.033J	mg/L	0.040	03/24/26 00:09	
EPA 6020B	Calcium	73.5	mg/L	2.0	03/23/26 18:44	
92845520010	**HAM-GWC-33**					
EPA 6020B	Lithium	0.0151	mg/L	0.00200	02/26/26 19:58	
SM 2540C-2020	Total Dissolved Solids	371	mg/L	25.0	02/25/26 14:47	
EPA 300.0 Rev 2.1 1993	Chloride	2.6	mg/L	1.0	02/24/26 12:02	
EPA 300.0 Rev 2.1 1993	Fluoride	0.088J	mg/L	0.10	02/24/26 12:02	
EPA 300.0 Rev 2.1 1993	Sulfate	83.4	mg/L	1.0	02/24/26 12:02	
EPA 6020B	Barium	0.11	mg/L	0.0050	03/20/26 15:38	
EPA 6020B	Boron	0.035J	mg/L	0.040	03/24/26 00:17	
EPA 6020B	Calcium	93.3	mg/L	2.0	03/23/26 18:48	
EPA 6020B	Chromium	0.0011J	mg/L	0.0050	03/20/26 15:38	
92845520011	**HAM-GWC-34**					
EPA 6020B	Lithium	0.0175	mg/L	0.00200	02/26/26 20:01	
SM 2540C-2020	Total Dissolved Solids	326	mg/L	25.0	02/25/26 14:47	
EPA 300.0 Rev 2.1 1993	Chloride	2.3	mg/L	1.0	02/24/26 12:16	
EPA 300.0 Rev 2.1 1993	Fluoride	0.079J	mg/L	0.10	02/24/26 12:16	
EPA 300.0 Rev 2.1 1993	Sulfate	55.9	mg/L	1.0	02/24/26 12:16	
EPA 6020B	Barium	0.11	mg/L	0.0050	03/20/26 15:51	
EPA 6020B	Boron	0.039J	mg/L	0.040	03/24/26 00:43	
EPA 6020B	Calcium	81.2	mg/L	2.0	03/23/26 18:53	
EPA 6020B	Chromium	0.00024J	mg/L	0.0050	03/20/26 15:51	
92845520012	**HAM-GWC-35**					
EPA 6020B	Lithium	0.0427	mg/L	0.00200	02/26/26 20:04	
SM 2540C-2020	Total Dissolved Solids	403	mg/L	25.0	02/25/26 14:47	
EPA 300.0 Rev 2.1 1993	Chloride	2.0	mg/L	1.0	02/24/26 12:30	
EPA 300.0 Rev 2.1 1993	Fluoride	0.10	mg/L	0.10	02/24/26 12:30	
EPA 300.0 Rev 2.1 1993	Sulfate	203	mg/L	5.0	02/24/26 19:47	
EPA 6020B	Barium	0.067	mg/L	0.0050	03/20/26 15:55	
EPA 6020B	Boron	0.014J	mg/L	0.040	03/24/26 00:52	
EPA 6020B	Calcium	36.9	mg/L	0.40	03/20/26 15:55	
EPA 6020B	Cobalt	0.0015J	mg/L	0.0050	03/20/26 15:55	
EPA 6020B	Nickel	0.0042J	mg/L	0.0050	03/20/26 15:55	
EPA 6020B	Zinc	0.0020J	mg/L	0.010	03/20/26 15:55	
92845520013	**HAM-GWC-36**					
EPA 6020B	Lithium	0.0157	mg/L	0.00200	02/26/26 20:08	
SM 2540C-2020	Total Dissolved Solids	233	mg/L	25.0	02/25/26 14:48	
EPA 300.0 Rev 2.1 1993	Chloride	2.4	mg/L	1.0	02/24/26 12:45	
EPA 300.0 Rev 2.1 1993	Fluoride	0.084J	mg/L	0.10	02/24/26 12:45	
EPA 300.0 Rev 2.1 1993	Sulfate	74.2	mg/L	1.0	02/24/26 12:45	
EPA 6020B	Barium	0.12	mg/L	0.0050	03/20/26 16:00	

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SUMMARY OF DETECTION

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92845520013	**HAM-GWC-36**					
EPA 6020B	Boron	0.016J	mg/L	0.040	03/24/26 01:00	
EPA 6020B	Calcium	40.6	mg/L	0.40	03/20/26 16:00	
EPA 6020B	Cobalt	0.00035J	mg/L	0.0050	03/20/26 16:00	
92845520014	**HAM-HLF-F-FD-02**					
EPA 6020B	Lithium	0.0408	mg/L	0.00200	02/26/26 20:11	
SM 2540C-2020	Total Dissolved Solids	399	mg/L	25.0	02/25/26 14:48	
EPA 300.0 Rev 2.1 1993	Chloride	1.9	mg/L	1.0	02/24/26 12:59	
EPA 300.0 Rev 2.1 1993	Fluoride	0.095J	mg/L	0.10	02/24/26 12:59	
EPA 300.0 Rev 2.1 1993	Sulfate	206	mg/L	4.0	02/24/26 20:31	
EPA 6020B	Barium	0.066	mg/L	0.0050	03/20/26 16:04	
EPA 6020B	Boron	0.014J	mg/L	0.040	03/24/26 01:09	
EPA 6020B	Calcium	36.2	mg/L	0.40	03/20/26 16:04	
EPA 6020B	Cobalt	0.0015J	mg/L	0.0050	03/20/26 16:04	
EPA 6020B	Nickel	0.0039J	mg/L	0.0050	03/20/26 16:04	
EPA 6020B	Zinc	0.0015J	mg/L	0.010	03/20/26 16:04	
92845520015	**HAM-GWC-29**					
EPA 6020B	Lithium	0.0119	mg/L	0.00200	03/02/26 11:52	
SM 2540C-2020	Total Dissolved Solids	105	mg/L	25.0	02/25/26 18:03	
EPA 300.0 Rev 2.1 1993	Chloride	1.5	mg/L	1.0	02/26/26 06:30	
EPA 300.0 Rev 2.1 1993	Fluoride	0.11	mg/L	0.10	02/26/26 06:30	
EPA 300.0 Rev 2.1 1993	Sulfate	2.8	mg/L	1.0	02/26/26 06:30	
EPA 6020B	Barium	0.078	mg/L	0.0050	03/19/26 14:24	
EPA 6020B	Boron	0.010J	mg/L	0.040	03/23/26 17:41	
EPA 6020B	Calcium	18.0	mg/L	0.40	03/19/26 14:24	
EPA 6020B	Chromium	0.00027J	mg/L	0.0050	03/19/26 14:24	
EPA 6020B	Cobalt	0.0011J	mg/L	0.0050	03/19/26 14:24	
EPA 6020B	Nickel	0.0021J	mg/L	0.0050	03/19/26 14:24	
92845520016	**HAM-GWC-37**					
EPA 6020B	Lithium	0.0163	mg/L	0.00200	02/26/26 20:14	
SM 2540C-2020	Total Dissolved Solids	219	mg/L	25.0	02/25/26 18:03	
EPA 300.0 Rev 2.1 1993	Chloride	3.7	mg/L	1.0	02/24/26 14:40	
EPA 300.0 Rev 2.1 1993	Sulfate	28.1	mg/L	1.0	02/24/26 14:40	
EPA 6020B	Barium	0.24	mg/L	0.0050	03/20/26 16:08	
EPA 6020B	Boron	0.026J	mg/L	0.040	03/24/26 01:18	
EPA 6020B	Calcium	42.7	mg/L	0.40	03/20/26 16:08	
EPA 6020B	Cobalt	0.00055J	mg/L	0.0050	03/20/26 16:08	
EPA 6020B	Nickel	0.0018J	mg/L	0.0050	03/20/26 16:08	
EPA 6020B	Zinc	0.0039J	mg/L	0.010	03/20/26 16:08	
92845520017	**HAM-GWC-38**					
EPA 6020B	Lithium	0.0144	mg/L	0.00200	02/26/26 20:17	
SM 2540C-2020	Total Dissolved Solids	157	mg/L	25.0	02/25/26 18:03	
EPA 300.0 Rev 2.1 1993	Chloride	2.8	mg/L	1.0	02/24/26 14:55	
EPA 300.0 Rev 2.1 1993	Fluoride	0.11	mg/L	0.10	02/24/26 14:55	
EPA 300.0 Rev 2.1 1993	Sulfate	33.9	mg/L	1.0	02/24/26 14:55	
EPA 6020B	Barium	0.072	mg/L	0.0050	03/20/26 16:13	

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SUMMARY OF DETECTION

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92845520017	**HAM-GWC-38**					
EPA 6020B	Boron	0.024J	mg/L	0.040	03/24/26 01:26	
EPA 6020B	Calcium	23.0	mg/L	0.40	03/20/26 16:13	
EPA 6020B	Cobalt	0.0018J	mg/L	0.0050	03/20/26 16:13	
EPA 6020B	Nickel	0.0025J	mg/L	0.0050	03/20/26 16:13	
EPA 6020B	Zinc	0.0028J	mg/L	0.010	03/20/26 16:13	
92845520018	**HAM-GWC-41**					
EPA 6020B	Lithium	0.00301	mg/L	0.00200	02/26/26 20:20	
SM 2540C-2020	Total Dissolved Solids	42.0	mg/L	25.0	02/25/26 18:03	
EPA 300.0 Rev 2.1 1993	Chloride	1.9	mg/L	1.0	02/24/26 15:10	
EPA 300.0 Rev 2.1 1993	Sulfate	0.92J	mg/L	1.0	02/24/26 15:10	
EPA 6020B	Barium	0.015	mg/L	0.0050	03/20/26 16:17	
EPA 6020B	Calcium	6.1	mg/L	0.40	03/20/26 16:17	
EPA 6020B	Chromium	0.0013J	mg/L	0.0050	03/20/26 16:17	
EPA 6020B	Nickel	0.0030J	mg/L	0.0050	03/20/26 16:17	
EPA 6020B	Zinc	0.0029J	mg/L	0.010	03/20/26 16:17	
92845520021	**HAM-HLF-F-FD-03**					
EPA 6020B	Lithium	0.0165	mg/L	0.00200	02/26/26 20:38	
SM 2540C-2020	Total Dissolved Solids	217	mg/L	25.0	02/25/26 18:03	
EPA 300.0 Rev 2.1 1993	Chloride	3.6	mg/L	1.0	02/24/26 15:55	
EPA 300.0 Rev 2.1 1993	Sulfate	27.9	mg/L	1.0	02/24/26 15:55	
EPA 6020B	Barium	0.25	mg/L	0.0050	03/20/26 16:30	
EPA 6020B	Boron	0.027J	mg/L	0.040	03/24/26 02:01	
EPA 6020B	Calcium	42.6	mg/L	0.40	03/20/26 16:30	
EPA 6020B	Cobalt	0.00056J	mg/L	0.0050	03/20/26 16:30	
EPA 6020B	Nickel	0.0018J	mg/L	0.0050	03/20/26 16:30	
92845520022	**HAM-GWC-30**					
EPA 6020B	Lithium	0.00729	mg/L	0.00200	02/26/26 20:41	
SM 2540C-2020	Total Dissolved Solids	336	mg/L	25.0	02/25/26 18:03	
EPA 300.0 Rev 2.1 1993	Chloride	2.8	mg/L	1.0	02/24/26 16:10	
EPA 300.0 Rev 2.1 1993	Sulfate	5.4	mg/L	1.0	02/24/26 16:10	
EPA 6020B	Arsenic	0.0029	mg/L	0.0020	03/20/26 16:43	
EPA 6020B	Barium	0.090	mg/L	0.0050	03/20/26 16:43	
EPA 6020B	Boron	0.040J	mg/L	0.040	03/24/26 02:26	
EPA 6020B	Calcium	40.2	mg/L	0.40	03/20/26 16:43	
EPA 6020B	Chromium	0.0080	mg/L	0.0050	03/20/26 16:43	
EPA 6020B	Cobalt	0.0035J	mg/L	0.0050	03/20/26 16:43	
EPA 6020B	Copper	0.0042J	mg/L	0.0050	03/20/26 16:43	
EPA 6020B	Lead	0.0029	mg/L	0.0010	03/20/26 16:43	
EPA 6020B	Nickel	0.011	mg/L	0.0050	03/20/26 16:43	
EPA 6020B	Selenium	0.00055J	mg/L	0.0050	03/20/26 16:43	
EPA 6020B	Vanadium	0.012	mg/L	0.0050	03/20/26 16:43	
EPA 6020B	Zinc	0.013	mg/L	0.010	03/20/26 16:43	
92845520023	**HAM-GWC-30-Filtered**					
EPA 6020B	Lithium, Dissolved	0.00414	mg/L	0.00200	03/01/26 14:50	
EPA 6020B	Arsenic, Dissolved	0.0020J	mg/L	0.0020	03/05/26 22:45	

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SUMMARY OF DETECTION

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92845520023	**HAM-GWC-30-Filtered**					
EPA 6020B	Barium, Dissolved	0.073	mg/L	0.0050	03/05/26 22:45	
EPA 6020B	Boron, Dissolved	0.042	mg/L	0.040	03/05/26 22:45	
EPA 6020B	Calcium, Dissolved	36.9	mg/L	2.0	03/06/26 10:41	M1
EPA 6020B	Chromium, Dissolved	0.0020J	mg/L	0.0050	03/05/26 22:45	
EPA 6020B	Cobalt, Dissolved	0.0019J	mg/L	0.0050	03/05/26 22:45	
EPA 6020B	Copper, Dissolved	0.0014J	mg/L	0.0050	03/05/26 22:45	
EPA 6020B	Lead, Dissolved	0.00056J	mg/L	0.0010	03/05/26 22:45	
EPA 6020B	Nickel, Dissolved	0.0068	mg/L	0.0050	03/05/26 22:45	
EPA 6020B	Selenium, Dissolved	0.00059J	mg/L	0.0050	03/05/26 22:45	
EPA 6020B	Vanadium, Dissolved	0.0033J	mg/L	0.0050	03/05/26 22:45	
EPA 6020B	Zinc, Dissolved	0.0036J	mg/L	0.010	03/05/26 22:45	
92845520026	**HAM-GWC-40**					
EPA 6020B	Lithium	0.00237	mg/L	0.00200	02/26/26 20:50	
SM 2540C-2020	Total Dissolved Solids	147	mg/L	25.0	02/25/26 18:03	
EPA 300.0 Rev 2.1 1993	Chloride	1.0	mg/L	1.0	02/25/26 03:15	
EPA 300.0 Rev 2.1 1993	Fluoride	0.10	mg/L	0.10	02/25/26 03:15	
EPA 300.0 Rev 2.1 1993	Sulfate	2.8	mg/L	1.0	02/25/26 03:15	
EPA 6020B	Arsenic	0.00048J	mg/L	0.0020	03/20/26 16:56	
EPA 6020B	Barium	0.024	mg/L	0.0050	03/20/26 16:56	
EPA 6020B	Calcium	49.1	mg/L	0.40	03/20/26 16:56	
EPA 6020B	Chromium	0.00054J	mg/L	0.0050	03/20/26 16:56	
EPA 6020B	Cobalt	0.00012J	mg/L	0.0050	03/20/26 16:56	

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ANALYTICAL RESULTS

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

Sample: HAM-GWA-24 **Lab ID: 92845019007** Collected: 02/16/26 16:26 Received: 02/18/26 16:35 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Metals (ICPMS) 6020B	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Lithium	**0.00696**	mg/L	0.00200	0.000600	1	02/24/26 20:07	02/25/26 19:13	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**55.0**	mg/L	25.0	25.0	1		02/21/26 17:53		
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		02/20/26 05:12	16887-00-6	
Fluoride	**0.057J**	mg/L	0.10	0.050	1		02/20/26 05:12	16984-48-8	
Sulfate	**1.7**	mg/L	1.0	0.50	1		02/20/26 05:12	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/25/26 19:26	03/13/26 14:31	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	02/25/26 19:26	03/13/26 14:31	7440-38-2	
Barium	**0.0025J**	mg/L	0.0050	0.00056	1	02/25/26 19:26	03/13/26 14:31	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/25/26 19:26	03/13/26 14:31	7440-41-7	
Boron	**0.0095J**	mg/L	0.040	0.0073	1	02/25/26 19:26	03/20/26 14:38	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/25/26 19:26	03/13/26 14:31	7440-43-9	
Calcium	**0.82**	mg/L	0.40	0.10	1	02/25/26 19:26	03/13/26 14:31	7440-70-2	
Chromium	**0.00057J**	mg/L	0.0050	0.00024	1	02/25/26 19:26	03/13/26 14:31	7440-47-3	
Cobalt	**0.0024J**	mg/L	0.0050	0.00012	1	02/25/26 19:26	03/13/26 14:31	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	02/25/26 19:26	03/13/26 14:31	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	02/25/26 19:26	03/13/26 14:31	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	02/25/26 19:26	03/13/26 14:31	7439-98-7	
Nickel	**0.0023J**	mg/L	0.0050	0.00092	1	02/25/26 19:26	03/13/26 14:31	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	02/25/26 19:26	03/13/26 14:31	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	02/25/26 19:26	03/13/26 14:31	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	02/25/26 19:26	03/13/26 14:31	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	02/25/26 19:26	03/13/26 14:31	7440-62-2	
Zinc	**0.0030J**	mg/L	0.010	0.0014	1	02/25/26 19:26	03/13/26 14:31	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	ug/L	0.20	0.091	1	02/20/26 17:57	02/22/26 15:11	7439-97-6	

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ANALYTICAL RESULTS

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

Sample: HAM-GWA-25 **Lab ID: 92845019008** Collected: 02/17/26 11:15 Received: 02/18/26 16:35 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Metals (ICPMS) 6020B	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Lithium	**0.00428**	mg/L	0.00200	0.000600	1	02/24/26 20:07	02/25/26 19:16	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**28.0**	mg/L	25.0	25.0	1		02/21/26 17:55		
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		02/20/26 05:26	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/20/26 05:26	16984-48-8	
Sulfate	**3.6**	mg/L	1.0	0.50	1		02/20/26 05:26	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/25/26 19:26	03/13/26 14:34	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	02/25/26 19:26	03/13/26 14:34	7440-38-2	
Barium	**0.0094**	mg/L	0.0050	0.00056	1	02/25/26 19:26	03/13/26 14:34	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/25/26 19:26	03/13/26 14:34	7440-41-7	
Boron	**0.0091J**	mg/L	0.040	0.0073	1	02/25/26 19:26	03/20/26 14:46	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/25/26 19:26	03/13/26 14:34	7440-43-9	
Calcium	**2.5**	mg/L	0.40	0.10	1	02/25/26 19:26	03/13/26 14:34	7440-70-2	
Chromium	**0.00084J**	mg/L	0.0050	0.00024	1	02/25/26 19:26	03/13/26 14:34	7440-47-3	
Cobalt	**0.0030J**	mg/L	0.0050	0.00012	1	02/25/26 19:26	03/13/26 14:34	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	02/25/26 19:26	03/13/26 14:34	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	02/25/26 19:26	03/13/26 14:34	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	02/25/26 19:26	03/13/26 14:34	7439-98-7	
Nickel	**0.0064**	mg/L	0.0050	0.00092	1	02/25/26 19:26	03/13/26 14:34	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	02/25/26 19:26	03/13/26 14:34	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	02/25/26 19:26	03/13/26 14:34	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	02/25/26 19:26	03/13/26 14:34	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	02/25/26 19:26	03/13/26 14:34	7440-62-2	
Zinc	**0.0096J**	mg/L	0.010	0.0014	1	02/25/26 19:26	03/13/26 14:34	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	ug/L	0.20	0.091	1	02/20/26 17:57	02/22/26 15:13	7439-97-6	

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ANALYTICAL RESULTS

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

Sample: HAM-GWA-26 **Lab ID: 92845019009** Collected: 02/17/26 10:01 Received: 02/18/26 16:35 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Metals (ICPMS) 6020B	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Lithium	**0.00892**	mg/L	0.00200	0.000600	1	02/24/26 20:07	02/25/26 19:19	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**85.0**	mg/L	25.0	25.0	1		02/21/26 17:55		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**1.8**	mg/L	1.0	0.60	1		02/20/26 05:41	16887-00-6	
Fluoride	**0.11**	mg/L	0.10	0.050	1		02/20/26 05:41	16984-48-8	
Sulfate	**1.7**	mg/L	1.0	0.50	1		02/20/26 05:41	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/25/26 19:26	03/20/26 15:12	7440-36-0	
Arsenic	**0.00089J**	mg/L	0.0020	0.00041	1	02/25/26 19:26	03/20/26 15:12	7440-38-2	
Barium	**0.032**	mg/L	0.0050	0.00056	1	02/25/26 19:26	03/20/26 15:12	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/25/26 19:26	03/20/26 15:12	7440-41-7	
Boron	**0.010J**	mg/L	0.040	0.0073	1	02/25/26 19:26	03/20/26 15:12	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/25/26 19:26	03/20/26 15:12	7440-43-9	
Calcium	**15.3**	mg/L	0.40	0.10	1	02/25/26 19:26	03/20/26 15:12	7440-70-2	
Chromium	**0.00024J**	mg/L	0.0050	0.00024	1	02/25/26 19:26	03/20/26 15:12	7440-47-3	
Cobalt	**0.0049J**	mg/L	0.0050	0.00012	1	02/25/26 19:26	03/20/26 15:12	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	02/25/26 19:26	03/20/26 15:12	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	02/25/26 19:26	03/20/26 15:12	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	02/25/26 19:26	03/20/26 15:12	7439-98-7	
Nickel	**0.0034J**	mg/L	0.0050	0.00092	1	02/25/26 19:26	03/20/26 15:12	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	02/25/26 19:26	03/20/26 15:12	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	02/25/26 19:26	03/20/26 15:12	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	02/25/26 19:26	03/20/26 15:12	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	02/25/26 19:26	03/20/26 15:12	7440-62-2	
Zinc	**0.0034J**	mg/L	0.010	0.0014	1	02/25/26 19:26	03/20/26 15:12	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	ug/L	0.20	0.091	1	02/20/26 17:57	02/22/26 15:26	7439-97-6	

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ANALYTICAL RESULTS

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

Sample: HAM-GWA-27 **Lab ID: 92845019010** Collected: 02/16/26 17:05 Received: 02/18/26 16:35 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Metals (ICPMS) 6020B	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Lithium	**0.00742**	mg/L	0.00200	0.000600	1	02/24/26 20:07	02/25/26 19:22	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**51.0**	mg/L	25.0	25.0	1		02/21/26 17:53		
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		02/20/26 06:24	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/20/26 06:24	16984-48-8	
Sulfate	**6.4**	mg/L	1.0	0.50	1		02/20/26 06:24	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/25/26 19:26	03/20/26 15:21	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	02/25/26 19:26	03/20/26 15:21	7440-38-2	
Barium	**0.020**	mg/L	0.0050	0.00056	1	02/25/26 19:26	03/20/26 15:21	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/25/26 19:26	03/20/26 15:21	7440-41-7	
Boron	ND	mg/L	0.040	0.0073	1	02/25/26 19:26	03/20/26 15:21	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/25/26 19:26	03/20/26 15:21	7440-43-9	
Calcium	**4.7**	mg/L	0.40	0.10	1	02/25/26 19:26	03/20/26 15:21	7440-70-2	
Chromium	**0.00043J**	mg/L	0.0050	0.00024	1	02/25/26 19:26	03/20/26 15:21	7440-47-3	
Cobalt	**0.0014J**	mg/L	0.0050	0.00012	1	02/25/26 19:26	03/20/26 15:21	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	02/25/26 19:26	03/20/26 15:21	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	02/25/26 19:26	03/20/26 15:21	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	02/25/26 19:26	03/20/26 15:21	7439-98-7	
Nickel	**0.0059**	mg/L	0.0050	0.00092	1	02/25/26 19:26	03/20/26 15:21	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	02/25/26 19:26	03/20/26 15:21	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	02/25/26 19:26	03/20/26 15:21	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	02/25/26 19:26	03/20/26 15:21	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	02/25/26 19:26	03/20/26 15:21	7440-62-2	
Zinc	**0.0047J**	mg/L	0.010	0.0014	1	02/25/26 19:26	03/20/26 15:21	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	ug/L	0.20	0.091	1	02/20/26 17:57	02/22/26 15:28	7439-97-6	

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ANALYTICAL RESULTS

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

Sample: HAM-GWC-32 **Lab ID: 92845019011** Collected: 02/17/26 16:17 Received: 02/18/26 16:35 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Metals (ICPMS) 6020B	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Lithium	**0.0136**	mg/L	0.00200	0.000600	1	02/24/26 20:07	02/25/26 19:25	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**384**	mg/L	25.0	25.0	1		02/21/26 17:55		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**2.6**	mg/L	1.0	0.60	1		02/20/26 06:38	16887-00-6	
Fluoride	**0.12**	mg/L	0.10	0.050	1		02/20/26 06:38	16984-48-8	
Sulfate	**43.5**	mg/L	1.0	0.50	1		02/20/26 06:38	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	**0.00089J**	mg/L	0.0020	0.00043	1	02/25/26 19:26	03/20/26 15:29	7440-36-0	
Arsenic	**0.00068J**	mg/L	0.0020	0.00041	1	02/25/26 19:26	03/20/26 15:29	7440-38-2	
Barium	**0.11**	mg/L	0.0050	0.00056	1	02/25/26 19:26	03/20/26 15:29	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/25/26 19:26	03/20/26 15:29	7440-41-7	
Boron	**0.063**	mg/L	0.040	0.0073	1	02/25/26 19:26	03/20/26 15:29	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/25/26 19:26	03/20/26 15:29	7440-43-9	
Calcium	**102**	mg/L	2.0	0.50	5	02/25/26 19:26	03/23/26 16:32	7440-70-2	
Chromium	ND	mg/L	0.0050	0.00024	1	02/25/26 19:26	03/20/26 15:29	7440-47-3	
Cobalt	**0.00025J**	mg/L	0.0050	0.00012	1	02/25/26 19:26	03/20/26 15:29	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	02/25/26 19:26	03/20/26 15:29	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	02/25/26 19:26	03/20/26 15:29	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	02/25/26 19:26	03/20/26 15:29	7439-98-7	
Nickel	ND	mg/L	0.0050	0.00092	1	02/25/26 19:26	03/20/26 15:29	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	02/25/26 19:26	03/20/26 15:29	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	02/25/26 19:26	03/20/26 15:29	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	02/25/26 19:26	03/20/26 15:29	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	02/25/26 19:26	03/20/26 15:29	7440-62-2	
Zinc	**0.0020J**	mg/L	0.010	0.0014	1	02/25/26 19:26	03/20/26 15:29	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	ug/L	0.20	0.091	1	02/20/26 17:57	02/22/26 15:31	7439-97-6	

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ANALYTICAL RESULTS

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

Sample: HAM-GWC-39 **Lab ID: 92845019012** Collected: 02/17/26 13:55 Received: 02/18/26 16:35 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Metals (ICPMS) 6020B	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Lithium	**0.00767**	mg/L	0.00200	0.000600	1	02/24/26 20:07	02/25/26 19:28	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**147**	mg/L	25.0	25.0	1		02/21/26 17:56		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**2.2**	mg/L	1.0	0.60	1		02/20/26 03:32	16887-00-6	
Fluoride	**0.15**	mg/L	0.10	0.050	1		02/20/26 03:32	16984-48-8	
Sulfate	**2.7**	mg/L	1.0	0.50	1		02/20/26 03:32	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/25/26 19:26	03/20/26 15:38	7440-36-0	
Arsenic	**0.00047J**	mg/L	0.0020	0.00041	1	02/25/26 19:26	03/20/26 15:38	7440-38-2	
Barium	**0.087**	mg/L	0.0050	0.00056	1	02/25/26 19:26	03/20/26 15:38	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/25/26 19:26	03/20/26 15:38	7440-41-7	
Boron	**0.023J**	mg/L	0.040	0.0073	1	02/25/26 19:26	03/20/26 15:38	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/25/26 19:26	03/20/26 15:38	7440-43-9	
Calcium	**38.3**	mg/L	2.0	0.50	5	02/25/26 19:26	03/23/26 16:41	7440-70-2	
Chromium	ND	mg/L	0.0050	0.00024	1	02/25/26 19:26	03/20/26 15:38	7440-47-3	
Cobalt	**0.00035J**	mg/L	0.0050	0.00012	1	02/25/26 19:26	03/20/26 15:38	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	02/25/26 19:26	03/20/26 15:38	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	02/25/26 19:26	03/20/26 15:38	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	02/25/26 19:26	03/20/26 15:38	7439-98-7	
Nickel	ND	mg/L	0.0050	0.00092	1	02/25/26 19:26	03/20/26 15:38	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	02/25/26 19:26	03/20/26 15:38	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	02/25/26 19:26	03/20/26 15:38	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	02/25/26 19:26	03/20/26 15:38	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	02/25/26 19:26	03/20/26 15:38	7440-62-2	
Zinc	ND	mg/L	0.010	0.0014	1	02/25/26 19:26	03/20/26 15:38	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	ug/L	0.20	0.091	1	02/24/26 17:33	02/25/26 00:05	7439-97-6	

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ANALYTICAL RESULTS

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

Sample: HAM-GWC-28 **Lab ID: 92845520008** Collected: 02/18/26 17:16 Received: 02/20/26 15:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Metals (ICPMS) 6020B	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Lithium	**0.0186**	mg/L	0.00200	0.000600	1	02/26/26 09:35	02/26/26 18:29	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**97.0**	mg/L	25.0	25.0	1		02/24/26 03:01		
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		02/24/26 09:42	16887-00-6	
Fluoride	**0.062J**	mg/L	0.10	0.050	1		02/24/26 09:42	16984-48-8	
Sulfate	**0.92J**	mg/L	1.0	0.50	1		02/24/26 09:42	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	**0.00061J**	mg/L	0.0020	0.00043	1	02/26/26 11:43	03/20/26 15:30	7440-36-0	
Arsenic	**0.00078J**	mg/L	0.0020	0.00041	1	02/26/26 11:43	03/20/26 15:30	7440-38-2	
Barium	**0.026**	mg/L	0.0050	0.00056	1	02/26/26 11:43	03/20/26 15:30	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/26/26 11:43	03/20/26 15:30	7440-41-7	
Boron	**0.0094J**	mg/L	0.040	0.0073	1	02/26/26 11:43	03/24/26 00:00	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/26/26 11:43	03/20/26 15:30	7440-43-9	
Calcium	**4.7**	mg/L	0.40	0.10	1	02/26/26 11:43	03/20/26 15:30	7440-70-2	
Chromium	**0.00048J**	mg/L	0.0050	0.00024	1	02/26/26 11:43	03/20/26 15:30	7440-47-3	
Cobalt	**0.0011J**	mg/L	0.0050	0.00012	1	02/26/26 11:43	03/20/26 15:30	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	02/26/26 11:43	03/20/26 15:30	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	02/26/26 11:43	03/20/26 15:30	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	02/26/26 11:43	03/20/26 15:30	7439-98-7	
Nickel	**0.0018J**	mg/L	0.0050	0.00092	1	02/26/26 11:43	03/20/26 15:30	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	02/26/26 11:43	03/20/26 15:30	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	02/26/26 11:43	03/20/26 15:30	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	02/26/26 11:43	03/20/26 15:30	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	02/26/26 11:43	03/20/26 15:30	7440-62-2	
Zinc	**0.0021J**	mg/L	0.010	0.0014	1	02/26/26 11:43	03/20/26 15:30	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	ug/L	0.20	0.091	1	02/26/26 13:03	02/26/26 23:39	7439-97-6	

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(704)875-9092

ANALYTICAL RESULTS

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

Sample: HAM-GWC-31 **Lab ID: 92845520009** Collected: 02/18/26 15:08 Received: 02/20/26 15:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Metals (ICPMS) 6020B	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Lithium	**0.00874**	mg/L	0.00200	0.000600	1	02/26/26 09:35	02/26/26 18:32	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**271**	mg/L	25.0	25.0	1		02/24/26 03:01		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**2.5**	mg/L	1.0	0.60	1		02/24/26 11:47	16887-00-6	
Fluoride	**0.12**	mg/L	0.10	0.050	1		02/24/26 11:47	16984-48-8	
Sulfate	**24.7**	mg/L	1.0	0.50	1		02/24/26 11:47	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/26/26 11:43	03/20/26 15:34	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	02/26/26 11:43	03/20/26 15:34	7440-38-2	
Barium	**0.15**	mg/L	0.0050	0.00056	1	02/26/26 11:43	03/20/26 15:34	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/26/26 11:43	03/20/26 15:34	7440-41-7	
Boron	**0.033J**	mg/L	0.040	0.0073	1	02/26/26 11:43	03/24/26 00:09	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/26/26 11:43	03/20/26 15:34	7440-43-9	
Calcium	**73.5**	mg/L	2.0	0.50	5	02/26/26 11:43	03/23/26 18:44	7440-70-2	
Chromium	ND	mg/L	0.0050	0.00024	1	02/26/26 11:43	03/20/26 15:34	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00012	1	02/26/26 11:43	03/20/26 15:34	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	02/26/26 11:43	03/20/26 15:34	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	02/26/26 11:43	03/20/26 15:34	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	02/26/26 11:43	03/20/26 15:34	7439-98-7	
Nickel	ND	mg/L	0.0050	0.00092	1	02/26/26 11:43	03/20/26 15:34	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	02/26/26 11:43	03/20/26 15:34	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	02/26/26 11:43	03/20/26 15:34	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	02/26/26 11:43	03/20/26 15:34	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	02/26/26 11:43	03/20/26 15:34	7440-62-2	
Zinc	ND	mg/L	0.010	0.0014	1	02/26/26 11:43	03/20/26 15:34	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	ug/L	0.20	0.091	1	02/26/26 13:03	02/26/26 23:41	7439-97-6	

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ANALYTICAL RESULTS

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

Sample: HAM-GWC-33 **Lab ID: 92845520010** Collected: 02/19/26 11:50 Received: 02/20/26 15:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Metals (ICPMS) 6020B	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Lithium	**0.0151**	mg/L	0.00200	0.000600	1	02/26/26 09:35	02/26/26 19:58	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**371**	mg/L	25.0	25.0	1		02/25/26 14:47		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**2.6**	mg/L	1.0	0.60	1		02/24/26 12:02	16887-00-6	
Fluoride	**0.088J**	mg/L	0.10	0.050	1		02/24/26 12:02	16984-48-8	
Sulfate	**83.4**	mg/L	1.0	0.50	1		02/24/26 12:02	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/26/26 11:43	03/20/26 15:38	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	02/26/26 11:43	03/20/26 15:38	7440-38-2	
Barium	**0.11**	mg/L	0.0050	0.00056	1	02/26/26 11:43	03/20/26 15:38	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/26/26 11:43	03/20/26 15:38	7440-41-7	
Boron	**0.035J**	mg/L	0.040	0.0073	1	02/26/26 11:43	03/24/26 00:17	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/26/26 11:43	03/20/26 15:38	7440-43-9	
Calcium	**93.3**	mg/L	2.0	0.50	5	02/26/26 11:43	03/23/26 18:48	7440-70-2	
Chromium	**0.0011J**	mg/L	0.0050	0.00024	1	02/26/26 11:43	03/20/26 15:38	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00012	1	02/26/26 11:43	03/20/26 15:38	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	02/26/26 11:43	03/20/26 15:38	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	02/26/26 11:43	03/20/26 15:38	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	02/26/26 11:43	03/20/26 15:38	7439-98-7	
Nickel	ND	mg/L	0.0050	0.00092	1	02/26/26 11:43	03/20/26 15:38	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	02/26/26 11:43	03/20/26 15:38	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	02/26/26 11:43	03/20/26 15:38	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	02/26/26 11:43	03/20/26 15:38	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	02/26/26 11:43	03/20/26 15:38	7440-62-2	
Zinc	ND	mg/L	0.010	0.0014	1	02/26/26 11:43	03/20/26 15:38	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	ug/L	0.20	0.091	1	02/26/26 13:03	02/26/26 23:44	7439-97-6	

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ANALYTICAL RESULTS

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

Sample: HAM-GWC-34 **Lab ID: 92845520011** Collected: 02/19/26 10:05 Received: 02/20/26 15:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Metals (ICPMS) 6020B	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Lithium	**0.0175**	mg/L	0.00200	0.000600	1	02/26/26 09:35	02/26/26 20:01	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**326**	mg/L	25.0	25.0	1		02/25/26 14:47		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**2.3**	mg/L	1.0	0.60	1		02/24/26 12:16	16887-00-6	
Fluoride	**0.079J**	mg/L	0.10	0.050	1		02/24/26 12:16	16984-48-8	
Sulfate	**55.9**	mg/L	1.0	0.50	1		02/24/26 12:16	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/26/26 11:43	03/20/26 15:51	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	02/26/26 11:43	03/20/26 15:51	7440-38-2	
Barium	**0.11**	mg/L	0.0050	0.00056	1	02/26/26 11:43	03/20/26 15:51	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/26/26 11:43	03/20/26 15:51	7440-41-7	
Boron	**0.039J**	mg/L	0.040	0.0073	1	02/26/26 11:43	03/24/26 00:43	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/26/26 11:43	03/20/26 15:51	7440-43-9	
Calcium	**81.2**	mg/L	2.0	0.50	5	02/26/26 11:43	03/23/26 18:53	7440-70-2	
Chromium	**0.00024J**	mg/L	0.0050	0.00024	1	02/26/26 11:43	03/20/26 15:51	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00012	1	02/26/26 11:43	03/20/26 15:51	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	02/26/26 11:43	03/20/26 15:51	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	02/26/26 11:43	03/20/26 15:51	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	02/26/26 11:43	03/20/26 15:51	7439-98-7	
Nickel	ND	mg/L	0.0050	0.00092	1	02/26/26 11:43	03/20/26 15:51	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	02/26/26 11:43	03/20/26 15:51	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	02/26/26 11:43	03/20/26 15:51	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	02/26/26 11:43	03/20/26 15:51	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	02/26/26 11:43	03/20/26 15:51	7440-62-2	
Zinc	ND	mg/L	0.010	0.0014	1	02/26/26 11:43	03/20/26 15:51	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	ug/L	0.20	0.091	1	02/26/26 13:03	02/26/26 23:46	7439-97-6	

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ANALYTICAL RESULTS

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

Sample: HAM-GWC-35 **Lab ID: 92845520012** Collected: 02/19/26 16:20 Received: 02/20/26 15:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Metals (ICPMS) 6020B	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Lithium	**0.0427**	mg/L	0.00200	0.000600	1	02/26/26 09:35	02/26/26 20:04	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**403**	mg/L	25.0	25.0	1		02/25/26 14:47		
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		02/24/26 12:30	16887-00-6	
Fluoride	**0.10**	mg/L	0.10	0.050	1		02/24/26 12:30	16984-48-8	
Sulfate	**203**	mg/L	5.0	2.5	5		02/24/26 19:47	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/26/26 11:43	03/20/26 15:55	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	02/26/26 11:43	03/20/26 15:55	7440-38-2	
Barium	**0.067**	mg/L	0.0050	0.00056	1	02/26/26 11:43	03/20/26 15:55	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/26/26 11:43	03/20/26 15:55	7440-41-7	
Boron	**0.014J**	mg/L	0.040	0.0073	1	02/26/26 11:43	03/24/26 00:52	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/26/26 11:43	03/20/26 15:55	7440-43-9	
Calcium	**36.9**	mg/L	0.40	0.10	1	02/26/26 11:43	03/20/26 15:55	7440-70-2	
Chromium	ND	mg/L	0.0050	0.00024	1	02/26/26 11:43	03/20/26 15:55	7440-47-3	
Cobalt	**0.0015J**	mg/L	0.0050	0.00012	1	02/26/26 11:43	03/20/26 15:55	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	02/26/26 11:43	03/20/26 15:55	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	02/26/26 11:43	03/20/26 15:55	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	02/26/26 11:43	03/20/26 15:55	7439-98-7	
Nickel	**0.0042J**	mg/L	0.0050	0.00092	1	02/26/26 11:43	03/20/26 15:55	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	02/26/26 11:43	03/20/26 15:55	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	02/26/26 11:43	03/20/26 15:55	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	02/26/26 11:43	03/20/26 15:55	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	02/26/26 11:43	03/20/26 15:55	7440-62-2	
Zinc	**0.0020J**	mg/L	0.010	0.0014	1	02/26/26 11:43	03/20/26 15:55	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	ug/L	0.20	0.091	1	02/25/26 15:18	02/25/26 21:29	7439-97-6	

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ANALYTICAL RESULTS

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

Sample: HAM-GWC-36 **Lab ID: 92845520013** Collected: 02/19/26 13:30 Received: 02/20/26 15:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Metals (ICPMS) 6020B	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Lithium	**0.0157**	mg/L	0.00200	0.000600	1	02/26/26 09:35	02/26/26 20:08	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**233**	mg/L	25.0	25.0	1		02/25/26 14:48		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**2.4**	mg/L	1.0	0.60	1		02/24/26 12:45	16887-00-6	
Fluoride	**0.084J**	mg/L	0.10	0.050	1		02/24/26 12:45	16984-48-8	
Sulfate	**74.2**	mg/L	1.0	0.50	1		02/24/26 12:45	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/26/26 11:43	03/20/26 16:00	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	02/26/26 11:43	03/20/26 16:00	7440-38-2	
Barium	**0.12**	mg/L	0.0050	0.00056	1	02/26/26 11:43	03/20/26 16:00	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/26/26 11:43	03/20/26 16:00	7440-41-7	
Boron	**0.016J**	mg/L	0.040	0.0073	1	02/26/26 11:43	03/24/26 01:00	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/26/26 11:43	03/20/26 16:00	7440-43-9	
Calcium	**40.6**	mg/L	0.40	0.10	1	02/26/26 11:43	03/20/26 16:00	7440-70-2	
Chromium	ND	mg/L	0.0050	0.00024	1	02/26/26 11:43	03/20/26 16:00	7440-47-3	
Cobalt	**0.00035J**	mg/L	0.0050	0.00012	1	02/26/26 11:43	03/20/26 16:00	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	02/26/26 11:43	03/20/26 16:00	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	02/26/26 11:43	03/20/26 16:00	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	02/26/26 11:43	03/20/26 16:00	7439-98-7	
Nickel	ND	mg/L	0.0050	0.00092	1	02/26/26 11:43	03/20/26 16:00	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	02/26/26 11:43	03/20/26 16:00	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	02/26/26 11:43	03/20/26 16:00	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	02/26/26 11:43	03/20/26 16:00	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	02/26/26 11:43	03/20/26 16:00	7440-62-2	
Zinc	ND	mg/L	0.010	0.0014	1	02/26/26 11:43	03/20/26 16:00	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	ug/L	0.20	0.091	1	02/25/26 15:18	02/25/26 21:31	7439-97-6	

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ANALYTICAL RESULTS

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

Sample: HAM-HLF-F-FD-02 **Lab ID: 92845520014** Collected: 02/19/26 00:00 Received: 02/20/26 15:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Metals (ICPMS) 6020B	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Lithium	**0.0408**	mg/L	0.00200	0.000600	1	02/26/26 09:35	02/26/26 20:11	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**399**	mg/L	25.0	25.0	1		02/25/26 14:48		
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		02/24/26 12:59	16887-00-6	
Fluoride	**0.095J**	mg/L	0.10	0.050	1		02/24/26 12:59	16984-48-8	
Sulfate	**206**	mg/L	4.0	2.0	4		02/24/26 20:31	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/26/26 11:43	03/20/26 16:04	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	02/26/26 11:43	03/20/26 16:04	7440-38-2	
Barium	**0.066**	mg/L	0.0050	0.00056	1	02/26/26 11:43	03/20/26 16:04	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/26/26 11:43	03/20/26 16:04	7440-41-7	
Boron	**0.014J**	mg/L	0.040	0.0073	1	02/26/26 11:43	03/24/26 01:09	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/26/26 11:43	03/20/26 16:04	7440-43-9	
Calcium	**36.2**	mg/L	0.40	0.10	1	02/26/26 11:43	03/20/26 16:04	7440-70-2	
Chromium	ND	mg/L	0.0050	0.00024	1	02/26/26 11:43	03/20/26 16:04	7440-47-3	
Cobalt	**0.0015J**	mg/L	0.0050	0.00012	1	02/26/26 11:43	03/20/26 16:04	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	02/26/26 11:43	03/20/26 16:04	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	02/26/26 11:43	03/20/26 16:04	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	02/26/26 11:43	03/20/26 16:04	7439-98-7	
Nickel	**0.0039J**	mg/L	0.0050	0.00092	1	02/26/26 11:43	03/20/26 16:04	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	02/26/26 11:43	03/20/26 16:04	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	02/26/26 11:43	03/20/26 16:04	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	02/26/26 11:43	03/20/26 16:04	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	02/26/26 11:43	03/20/26 16:04	7440-62-2	
Zinc	**0.0015J**	mg/L	0.010	0.0014	1	02/26/26 11:43	03/20/26 16:04	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	ug/L	0.20	0.091	1	02/25/26 15:18	02/25/26 21:34	7439-97-6	

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ANALYTICAL RESULTS

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

Sample: HAM-GWC-29 **Lab ID: 92845520015** Collected: 02/20/26 14:54 Received: 02/23/26 11:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Metals (ICPMS) 6020B	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Lithium	**0.0119**	mg/L	0.00200	0.000600	1	02/28/26 13:24	03/02/26 11:52	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**105**	mg/L	25.0	25.0	1		02/25/26 18:03		
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		02/26/26 06:30	16887-00-6	
Fluoride	**0.11**	mg/L	0.10	0.050	1		02/26/26 06:30	16984-48-8	
Sulfate	**2.8**	mg/L	1.0	0.50	1		02/26/26 06:30	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	03/04/26 14:13	03/19/26 14:24	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	03/04/26 14:13	03/19/26 14:24	7440-38-2	
Barium	**0.078**	mg/L	0.0050	0.00056	1	03/04/26 14:13	03/19/26 14:24	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	03/04/26 14:13	03/23/26 17:41	7440-41-7	
Boron	**0.010J**	mg/L	0.040	0.0073	1	03/04/26 14:13	03/23/26 17:41	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	03/04/26 14:13	03/19/26 14:24	7440-43-9	
Calcium	**18.0**	mg/L	0.40	0.10	1	03/04/26 14:13	03/19/26 14:24	7440-70-2	
Chromium	**0.00027J**	mg/L	0.0050	0.00024	1	03/04/26 14:13	03/19/26 14:24	7440-47-3	
Cobalt	**0.0011J**	mg/L	0.0050	0.00012	1	03/04/26 14:13	03/19/26 14:24	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	03/04/26 14:13	03/19/26 14:24	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	03/04/26 14:13	03/19/26 14:24	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	03/04/26 14:13	03/19/26 14:24	7439-98-7	
Nickel	**0.0021J**	mg/L	0.0050	0.00092	1	03/04/26 14:13	03/19/26 14:24	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	03/04/26 14:13	03/19/26 14:24	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	03/04/26 14:13	03/19/26 14:24	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	03/04/26 14:13	03/19/26 14:24	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	03/04/26 14:13	03/19/26 14:24	7440-62-2	
Zinc	ND	mg/L	0.010	0.0014	1	03/04/26 14:13	03/19/26 14:24	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	ug/L	0.20	0.091	1	03/04/26 14:04	03/04/26 17:33	7439-97-6	

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ANALYTICAL RESULTS

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

Sample: HAM-GWC-37 **Lab ID: 92845520016** Collected: 02/20/26 13:20 Received: 02/23/26 11:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Metals (ICPMS) 6020B	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Lithium	**0.0163**	mg/L	0.00200	0.000600	1	02/26/26 09:35	02/26/26 20:14	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**219**	mg/L	25.0	25.0	1		02/25/26 18:03		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**3.7**	mg/L	1.0	0.60	1		02/24/26 14:40	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/24/26 14:40	16984-48-8	
Sulfate	**28.1**	mg/L	1.0	0.50	1		02/24/26 14:40	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/26/26 11:43	03/20/26 16:08	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	02/26/26 11:43	03/20/26 16:08	7440-38-2	
Barium	**0.24**	mg/L	0.0050	0.00056	1	02/26/26 11:43	03/20/26 16:08	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/26/26 11:43	03/20/26 16:08	7440-41-7	
Boron	**0.026J**	mg/L	0.040	0.0073	1	02/26/26 11:43	03/24/26 01:18	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/26/26 11:43	03/20/26 16:08	7440-43-9	
Calcium	**42.7**	mg/L	0.40	0.10	1	02/26/26 11:43	03/20/26 16:08	7440-70-2	
Chromium	ND	mg/L	0.0050	0.00024	1	02/26/26 11:43	03/20/26 16:08	7440-47-3	
Cobalt	**0.00055J**	mg/L	0.0050	0.00012	1	02/26/26 11:43	03/20/26 16:08	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	02/26/26 11:43	03/20/26 16:08	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	02/26/26 11:43	03/20/26 16:08	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	02/26/26 11:43	03/20/26 16:08	7439-98-7	
Nickel	**0.0018J**	mg/L	0.0050	0.00092	1	02/26/26 11:43	03/20/26 16:08	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	02/26/26 11:43	03/20/26 16:08	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	02/26/26 11:43	03/20/26 16:08	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	02/26/26 11:43	03/20/26 16:08	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	02/26/26 11:43	03/20/26 16:08	7440-62-2	
Zinc	**0.0039J**	mg/L	0.010	0.0014	1	02/26/26 11:43	03/20/26 16:08	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	ug/L	0.20	0.091	1	02/25/26 15:18	02/25/26 21:06	7439-97-6	

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ANALYTICAL RESULTS

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

Sample: HAM-GWC-38 **Lab ID: 92845520017** Collected: 02/20/26 17:13 Received: 02/23/26 11:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Metals (ICPMS) 6020B	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Lithium	**0.0144**	mg/L	0.00200	0.000600	1	02/26/26 09:35	02/26/26 20:17	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**157**	mg/L	25.0	25.0	1		02/25/26 18:03		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**2.8**	mg/L	1.0	0.60	1		02/24/26 14:55	16887-00-6	
Fluoride	**0.11**	mg/L	0.10	0.050	1		02/24/26 14:55	16984-48-8	
Sulfate	**33.9**	mg/L	1.0	0.50	1		02/24/26 14:55	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/26/26 11:43	03/20/26 16:13	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	02/26/26 11:43	03/20/26 16:13	7440-38-2	
Barium	**0.072**	mg/L	0.0050	0.00056	1	02/26/26 11:43	03/20/26 16:13	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/26/26 11:43	03/20/26 16:13	7440-41-7	
Boron	**0.024J**	mg/L	0.040	0.0073	1	02/26/26 11:43	03/24/26 01:26	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/26/26 11:43	03/20/26 16:13	7440-43-9	
Calcium	**23.0**	mg/L	0.40	0.10	1	02/26/26 11:43	03/20/26 16:13	7440-70-2	
Chromium	ND	mg/L	0.0050	0.00024	1	02/26/26 11:43	03/20/26 16:13	7440-47-3	
Cobalt	**0.0018J**	mg/L	0.0050	0.00012	1	02/26/26 11:43	03/20/26 16:13	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	02/26/26 11:43	03/20/26 16:13	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	02/26/26 11:43	03/20/26 16:13	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	02/26/26 11:43	03/20/26 16:13	7439-98-7	
Nickel	**0.0025J**	mg/L	0.0050	0.00092	1	02/26/26 11:43	03/20/26 16:13	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	02/26/26 11:43	03/20/26 16:13	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	02/26/26 11:43	03/20/26 16:13	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	02/26/26 11:43	03/20/26 16:13	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	02/26/26 11:43	03/20/26 16:13	7440-62-2	
Zinc	**0.0028J**	mg/L	0.010	0.0014	1	02/26/26 11:43	03/20/26 16:13	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	ug/L	0.20	0.091	1	02/25/26 15:18	02/25/26 21:08	7439-97-6	

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ANALYTICAL RESULTS

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

Sample: HAM-GWC-41 **Lab ID: 92845520018** Collected: 02/20/26 11:15 Received: 02/23/26 11:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Metals (ICPMS) 6020B	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Lithium	**0.00301**	mg/L	0.00200	0.000600	1	02/26/26 09:35	02/26/26 20:20	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**42.0**	mg/L	25.0	25.0	1		02/25/26 18:03		
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		02/24/26 15:10	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/24/26 15:10	16984-48-8	
Sulfate	**0.92J**	mg/L	1.0	0.50	1		02/24/26 15:10	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/26/26 11:43	03/20/26 16:17	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	02/26/26 11:43	03/20/26 16:17	7440-38-2	
Barium	**0.015**	mg/L	0.0050	0.00056	1	02/26/26 11:43	03/20/26 16:17	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/26/26 11:43	03/20/26 16:17	7440-41-7	
Boron	ND	mg/L	0.040	0.0073	1	02/26/26 11:43	03/24/26 01:35	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/26/26 11:43	03/20/26 16:17	7440-43-9	
Calcium	**6.1**	mg/L	0.40	0.10	1	02/26/26 11:43	03/20/26 16:17	7440-70-2	
Chromium	**0.0013J**	mg/L	0.0050	0.00024	1	02/26/26 11:43	03/20/26 16:17	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00012	1	02/26/26 11:43	03/20/26 16:17	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	02/26/26 11:43	03/20/26 16:17	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	02/26/26 11:43	03/20/26 16:17	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	02/26/26 11:43	03/20/26 16:17	7439-98-7	
Nickel	**0.0030J**	mg/L	0.0050	0.00092	1	02/26/26 11:43	03/20/26 16:17	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	02/26/26 11:43	03/20/26 16:17	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	02/26/26 11:43	03/20/26 16:17	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	02/26/26 11:43	03/20/26 16:17	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	02/26/26 11:43	03/20/26 16:17	7440-62-2	
Zinc	**0.0029J**	mg/L	0.010	0.0014	1	02/26/26 11:43	03/20/26 16:17	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	ug/L	0.20	0.091	1	02/25/26 15:18	02/25/26 21:11	7439-97-6	

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ANALYTICAL RESULTS

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

Sample: HAM-HLF-F-EB-02 **Lab ID: 92845520019** Collected: 02/20/26 16:25 Received: 02/23/26 11:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Metals (ICPMS) 6020B	Analytical Method: EPA 6020B Preparation Method: 3015								
	Pace National - Mt. Juliet								
Lithium	ND	mg/L	0.00200	0.000600	1	02/26/26 09:35	02/26/26 20:24	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020								
	Pace Analytical Services - Asheville								
Total Dissolved Solids	ND	mg/L	25.0	25.0	1		02/25/26 18:03		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993								
	Pace Analytical Services - Asheville								
Chloride	ND	mg/L	1.0	0.60	1		02/24/26 03:58	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/24/26 03:58	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		02/24/26 03:58	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A								
	Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/26/26 11:43	03/20/26 16:21	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	02/26/26 11:43	03/20/26 16:21	7440-38-2	
Barium	ND	mg/L	0.0050	0.00056	1	02/26/26 11:43	03/20/26 16:21	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/26/26 11:43	03/20/26 16:21	7440-41-7	
Boron	ND	mg/L	0.040	0.0073	1	02/26/26 11:43	03/24/26 01:43	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/26/26 11:43	03/20/26 16:21	7440-43-9	
Calcium	ND	mg/L	0.40	0.10	1	02/26/26 11:43	03/20/26 16:21	7440-70-2	
Chromium	ND	mg/L	0.0050	0.00024	1	02/26/26 11:43	03/20/26 16:21	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00012	1	02/26/26 11:43	03/20/26 16:21	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	02/26/26 11:43	03/20/26 16:21	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	02/26/26 11:43	03/20/26 16:21	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	02/26/26 11:43	03/20/26 16:21	7439-98-7	
Nickel	ND	mg/L	0.0050	0.00092	1	02/26/26 11:43	03/20/26 16:21	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	02/26/26 11:43	03/20/26 16:21	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	02/26/26 11:43	03/20/26 16:21	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	02/26/26 11:43	03/20/26 16:21	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	02/26/26 11:43	03/20/26 16:21	7440-62-2	
Zinc	ND	mg/L	0.010	0.0014	1	02/26/26 11:43	03/20/26 16:21	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A								
	Pace Analytical Services - West Columbia								
Mercury	ND	ug/L	0.20	0.091	1	02/25/26 15:18	02/25/26 21:14	7439-97-6	

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ANALYTICAL RESULTS

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

Sample: HAM-HLF-F-FB-02 **Lab ID: 92845520020** Collected: 02/20/26 16:20 Received: 02/23/26 11:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Metals (ICPMS) 6020B	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Lithium	ND	mg/L	0.00200	0.000600	1	02/26/26 09:35	02/26/26 20:27	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	ND	mg/L	25.0	25.0	1		02/25/26 18:03		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	ND	mg/L	1.0	0.60	1		02/24/26 04:13	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/24/26 04:13	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		02/24/26 04:13	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/26/26 11:43	03/20/26 16:26	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	02/26/26 11:43	03/20/26 16:26	7440-38-2	
Barium	ND	mg/L	0.0050	0.00056	1	02/26/26 11:43	03/20/26 16:26	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/26/26 11:43	03/20/26 16:26	7440-41-7	
Boron	ND	mg/L	0.040	0.0073	1	02/26/26 11:43	03/24/26 01:52	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/26/26 11:43	03/20/26 16:26	7440-43-9	
Calcium	ND	mg/L	0.40	0.10	1	02/26/26 11:43	03/20/26 16:26	7440-70-2	
Chromium	ND	mg/L	0.0050	0.00024	1	02/26/26 11:43	03/20/26 16:26	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00012	1	02/26/26 11:43	03/20/26 16:26	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	02/26/26 11:43	03/20/26 16:26	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	02/26/26 11:43	03/20/26 16:26	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	02/26/26 11:43	03/20/26 16:26	7439-98-7	
Nickel	ND	mg/L	0.0050	0.00092	1	02/26/26 11:43	03/20/26 16:26	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	02/26/26 11:43	03/20/26 16:26	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	02/26/26 11:43	03/20/26 16:26	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	02/26/26 11:43	03/20/26 16:26	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	02/26/26 11:43	03/20/26 16:26	7440-62-2	
Zinc	ND	mg/L	0.010	0.0014	1	02/26/26 11:43	03/20/26 16:26	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	ug/L	0.20	0.091	1	02/25/26 15:18	02/25/26 21:16	7439-97-6	

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ANALYTICAL RESULTS

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

Sample: HAM-HLF-F-FD-03 **Lab ID: 92845520021** Collected: 02/20/26 00:00 Received: 02/23/26 11:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Metals (ICPMS) 6020B	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Lithium	**0.0165**	mg/L	0.00200	0.000600	1	02/26/26 09:35	02/26/26 20:38	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**217**	mg/L	25.0	25.0	1		02/25/26 18:03		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**3.6**	mg/L	1.0	0.60	1		02/24/26 15:55	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/24/26 15:55	16984-48-8	
Sulfate	**27.9**	mg/L	1.0	0.50	1		02/24/26 15:55	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/26/26 11:43	03/20/26 16:30	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	02/26/26 11:43	03/20/26 16:30	7440-38-2	
Barium	**0.25**	mg/L	0.0050	0.00056	1	02/26/26 11:43	03/20/26 16:30	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/26/26 11:43	03/20/26 16:30	7440-41-7	
Boron	**0.027J**	mg/L	0.040	0.0073	1	02/26/26 11:43	03/24/26 02:01	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/26/26 11:43	03/20/26 16:30	7440-43-9	
Calcium	**42.6**	mg/L	0.40	0.10	1	02/26/26 11:43	03/20/26 16:30	7440-70-2	
Chromium	ND	mg/L	0.0050	0.00024	1	02/26/26 11:43	03/20/26 16:30	7440-47-3	
Cobalt	**0.00056J**	mg/L	0.0050	0.00012	1	02/26/26 11:43	03/20/26 16:30	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	02/26/26 11:43	03/20/26 16:30	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	02/26/26 11:43	03/20/26 16:30	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	02/26/26 11:43	03/20/26 16:30	7439-98-7	
Nickel	**0.0018J**	mg/L	0.0050	0.00092	1	02/26/26 11:43	03/20/26 16:30	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	02/26/26 11:43	03/20/26 16:30	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	02/26/26 11:43	03/20/26 16:30	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	02/26/26 11:43	03/20/26 16:30	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	02/26/26 11:43	03/20/26 16:30	7440-62-2	
Zinc	ND	mg/L	0.010	0.0014	1	02/26/26 11:43	03/20/26 16:30	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	ug/L	0.20	0.091	1	02/27/26 15:25	02/27/26 20:31	7439-97-6	

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ANALYTICAL RESULTS

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

Sample: HAM-GWC-30 **Lab ID: 92845520022** Collected: 02/22/26 12:47 Received: 02/23/26 11:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Metals (ICPMS) 6020B	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Lithium	**0.00729**	mg/L	0.00200	0.000600	1	02/26/26 09:35	02/26/26 20:41	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**336**	mg/L	25.0	25.0	1		02/25/26 18:03		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**2.8**	mg/L	1.0	0.60	1		02/24/26 16:10	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/24/26 16:10	16984-48-8	
Sulfate	**5.4**	mg/L	1.0	0.50	1		02/24/26 16:10	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/26/26 11:43	03/20/26 16:43	7440-36-0	
Arsenic	**0.0029**	mg/L	0.0020	0.00041	1	02/26/26 11:43	03/20/26 16:43	7440-38-2	
Barium	**0.090**	mg/L	0.0050	0.00056	1	02/26/26 11:43	03/20/26 16:43	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/26/26 11:43	03/20/26 16:43	7440-41-7	
Boron	**0.040J**	mg/L	0.040	0.0073	1	02/26/26 11:43	03/24/26 02:26	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/26/26 11:43	03/20/26 16:43	7440-43-9	
Calcium	**40.2**	mg/L	0.40	0.10	1	02/26/26 11:43	03/20/26 16:43	7440-70-2	
Chromium	**0.0080**	mg/L	0.0050	0.00024	1	02/26/26 11:43	03/20/26 16:43	7440-47-3	
Cobalt	**0.0035J**	mg/L	0.0050	0.00012	1	02/26/26 11:43	03/20/26 16:43	7440-48-4	
Copper	**0.0042J**	mg/L	0.0050	0.00069	1	02/26/26 11:43	03/20/26 16:43	7440-50-8	
Lead	**0.0029**	mg/L	0.0010	0.00027	1	02/26/26 11:43	03/20/26 16:43	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	02/26/26 11:43	03/20/26 16:43	7439-98-7	
Nickel	**0.011**	mg/L	0.0050	0.00092	1	02/26/26 11:43	03/20/26 16:43	7440-02-0	
Selenium	**0.00055J**	mg/L	0.0050	0.00050	1	02/26/26 11:43	03/20/26 16:43	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	02/26/26 11:43	03/20/26 16:43	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	02/26/26 11:43	03/20/26 16:43	7440-28-0	
Vanadium	**0.012**	mg/L	0.0050	0.0011	1	02/26/26 11:43	03/20/26 16:43	7440-62-2	
Zinc	**0.013**	mg/L	0.010	0.0014	1	02/26/26 11:43	03/20/26 16:43	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	ug/L	0.20	0.091	1	02/27/26 15:25	02/27/26 20:34	7439-97-6	

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ANALYTICAL RESULTS

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

Sample: HAM-GWC-30-Filtered **Lab ID: 92845520023** Collected: 02/22/26 12:52 Received: 02/23/26 11:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Metals (ICPMS) 6020B, Diss.	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Lithium, Dissolved	**0.00414**	mg/L	0.00200	0.000600	1	02/27/26 20:53	03/01/26 14:50	7439-93-2	
WC 6020B MET ICPMS Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony, Dissolved	ND	mg/L	0.0020	0.00043	1	02/27/26 04:21	03/05/26 22:45	7440-36-0	
Arsenic, Dissolved	**0.0020J**	mg/L	0.0020	0.00041	1	02/27/26 04:21	03/05/26 22:45	7440-38-2	
Barium, Dissolved	**0.073**	mg/L	0.0050	0.00056	1	02/27/26 04:21	03/05/26 22:45	7440-39-3	
Beryllium, Dissolved	ND	mg/L	0.00040	0.00015	1	02/27/26 04:21	03/05/26 22:45	7440-41-7	
Boron, Dissolved	**0.042**	mg/L	0.040	0.0073	1	02/27/26 04:21	03/05/26 22:45	7440-42-8	
Cadmium, Dissolved	ND	mg/L	0.00050	0.00010	1	02/27/26 04:21	03/05/26 22:45	7440-43-9	
Calcium, Dissolved	**36.9**	mg/L	2.0	0.50	5	02/27/26 04:21	03/06/26 10:41	7440-70-2	M1
Chromium, Dissolved	**0.0020J**	mg/L	0.0050	0.00024	1	02/27/26 04:21	03/05/26 22:45	7440-47-3	
Cobalt, Dissolved	**0.0019J**	mg/L	0.0050	0.00012	1	02/27/26 04:21	03/05/26 22:45	7440-48-4	
Copper, Dissolved	**0.0014J**	mg/L	0.0050	0.00069	1	02/27/26 04:21	03/05/26 22:45	7440-50-8	
Lead, Dissolved	**0.00056J**	mg/L	0.0010	0.00027	1	02/27/26 04:21	03/05/26 22:45	7439-92-1	
Molybdenum, Dissolved	ND	mg/L	0.010	0.0020	1	02/27/26 04:21	03/05/26 22:45	7439-98-7	
Nickel, Dissolved	**0.0068**	mg/L	0.0050	0.00092	1	02/27/26 04:21	03/05/26 22:45	7440-02-0	
Selenium, Dissolved	**0.00059J**	mg/L	0.0050	0.00050	1	02/27/26 04:21	03/05/26 22:45	7782-49-2	
Silver, Dissolved	ND	mg/L	0.0010	0.00021	1	02/27/26 04:21	03/05/26 22:45	7440-22-4	
Thallium, Dissolved	ND	mg/L	0.00050	0.00017	1	02/27/26 04:21	03/05/26 22:45	7440-28-0	
Vanadium, Dissolved	**0.0033J**	mg/L	0.0050	0.0011	1	02/27/26 04:21	03/05/26 22:45	7440-62-2	
Zinc, Dissolved	**0.0036J**	mg/L	0.010	0.0014	1	02/27/26 04:21	03/05/26 22:45	7440-66-6	
WCOL 7470 Mercury, Dissolved	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury, Dissolved	ND	mg/L	0.00020	0.000091	1	02/26/26 17:10	02/26/26 21:09	7439-97-6	

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ANALYTICAL RESULTS

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

Sample: HAM-HLF-F-EB-03 **Lab ID: 92845520024** Collected: 02/22/26 14:10 Received: 02/23/26 11:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Metals (ICPMS) 6020B	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Lithium	ND	mg/L	0.00200	0.000600	1	02/26/26 09:35	02/26/26 20:44	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	ND	mg/L	25.0	25.0	1		02/25/26 18:03		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	ND	mg/L	1.0	0.60	1		02/24/26 02:03	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/24/26 02:03	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		02/24/26 02:03	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/26/26 11:43	03/20/26 16:47	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	02/26/26 11:43	03/20/26 16:47	7440-38-2	
Barium	ND	mg/L	0.0050	0.00056	1	02/26/26 11:43	03/20/26 16:47	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/26/26 11:43	03/20/26 16:47	7440-41-7	
Boron	ND	mg/L	0.040	0.0073	1	02/26/26 11:43	03/24/26 02:35	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/26/26 11:43	03/20/26 16:47	7440-43-9	
Calcium	ND	mg/L	0.40	0.10	1	02/26/26 11:43	03/20/26 16:47	7440-70-2	
Chromium	ND	mg/L	0.0050	0.00024	1	02/26/26 11:43	03/20/26 16:47	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00012	1	02/26/26 11:43	03/20/26 16:47	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	02/26/26 11:43	03/20/26 16:47	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	02/26/26 11:43	03/20/26 16:47	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	02/26/26 11:43	03/20/26 16:47	7439-98-7	
Nickel	ND	mg/L	0.0050	0.00092	1	02/26/26 11:43	03/20/26 16:47	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	02/26/26 11:43	03/20/26 16:47	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	02/26/26 11:43	03/20/26 16:47	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	02/26/26 11:43	03/20/26 16:47	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	02/26/26 11:43	03/20/26 16:47	7440-62-2	
Zinc	ND	mg/L	0.010	0.0014	1	02/26/26 11:43	03/20/26 16:47	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	02/27/26 15:25	02/27/26 20:37	7439-97-6	

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ANALYTICAL RESULTS

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

Sample: HAM-HLF-F-FB-03 **Lab ID: 92845520025** Collected: 02/22/26 14:05 Received: 02/23/26 11:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Metals (ICPMS) 6020B	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Lithium	ND	mg/L	0.00200	0.000600	1	02/26/26 09:35	02/26/26 20:47	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	ND	mg/L	25.0	25.0	1		02/25/26 18:07		
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		02/25/26 00:01	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/25/26 00:01	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		02/25/26 00:01	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/26/26 11:43	03/20/26 16:52	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	02/26/26 11:43	03/20/26 16:52	7440-38-2	
Barium	ND	mg/L	0.0050	0.00056	1	02/26/26 11:43	03/20/26 16:52	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/26/26 11:43	03/20/26 16:52	7440-41-7	
Boron	ND	mg/L	0.040	0.0073	1	02/26/26 11:43	03/24/26 02:44	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/26/26 11:43	03/20/26 16:52	7440-43-9	
Calcium	ND	mg/L	0.40	0.10	1	02/26/26 11:43	03/20/26 16:52	7440-70-2	
Chromium	ND	mg/L	0.0050	0.00024	1	02/26/26 11:43	03/20/26 16:52	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00012	1	02/26/26 11:43	03/20/26 16:52	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	02/26/26 11:43	03/20/26 16:52	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	02/26/26 11:43	03/20/26 16:52	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	02/26/26 11:43	03/20/26 16:52	7439-98-7	
Nickel	ND	mg/L	0.0050	0.00092	1	02/26/26 11:43	03/20/26 16:52	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	02/26/26 11:43	03/20/26 16:52	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	02/26/26 11:43	03/20/26 16:52	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	02/26/26 11:43	03/20/26 16:52	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	02/26/26 11:43	03/20/26 16:52	7440-62-2	
Zinc	ND	mg/L	0.010	0.0014	1	02/26/26 11:43	03/20/26 16:52	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	02/27/26 15:25	02/27/26 20:39	7439-97-6	

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ANALYTICAL RESULTS

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

Sample: HAM-GWC-40 **Lab ID: 92845520026** Collected: 02/21/26 12:12 Received: 02/23/26 11:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Metals (ICPMS) 6020B	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Lithium	**0.00237**	mg/L	0.00200	0.000600	1	02/26/26 09:35	02/26/26 20:50	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**147**	mg/L	25.0	25.0	1		02/25/26 18:03		
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		02/25/26 03:15	16887-00-6	
Fluoride	**0.10**	mg/L	0.10	0.050	1		02/25/26 03:15	16984-48-8	
Sulfate	**2.8**	mg/L	1.0	0.50	1		02/25/26 03:15	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/26/26 11:43	03/20/26 16:56	7440-36-0	
Arsenic	**0.00048J**	mg/L	0.0020	0.00041	1	02/26/26 11:43	03/20/26 16:56	7440-38-2	
Barium	**0.024**	mg/L	0.0050	0.00056	1	02/26/26 11:43	03/20/26 16:56	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/26/26 11:43	03/20/26 16:56	7440-41-7	
Boron	ND	mg/L	0.040	0.0073	1	02/26/26 11:43	03/24/26 02:52	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/26/26 11:43	03/20/26 16:56	7440-43-9	
Calcium	**49.1**	mg/L	0.40	0.10	1	02/26/26 11:43	03/20/26 16:56	7440-70-2	
Chromium	**0.00054J**	mg/L	0.0050	0.00024	1	02/26/26 11:43	03/20/26 16:56	7440-47-3	
Cobalt	**0.00012J**	mg/L	0.0050	0.00012	1	02/26/26 11:43	03/20/26 16:56	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	02/26/26 11:43	03/20/26 16:56	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	02/26/26 11:43	03/20/26 16:56	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	02/26/26 11:43	03/20/26 16:56	7439-98-7	
Nickel	ND	mg/L	0.0050	0.00092	1	02/26/26 11:43	03/20/26 16:56	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	02/26/26 11:43	03/20/26 16:56	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	02/26/26 11:43	03/20/26 16:56	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	02/26/26 11:43	03/20/26 16:56	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	02/26/26 11:43	03/20/26 16:56	7440-62-2	
Zinc	ND	mg/L	0.010	0.0014	1	02/26/26 11:43	03/20/26 16:56	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	02/27/26 15:25	02/27/26 20:42	7439-97-6	

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QUALITY CONTROL DATA

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

QC Batch: 2699537
QC Batch Method: 3015
Analysis Method: EPA 6020B
Analysis Description: Metals (ICPMS) 6020B
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 92845019007, 92845019008, 92845019009, 92845019010, 92845019011, 92845019012

METHOD BLANK: R4340913-1 Matrix: Water
Associated Lab Samples: 92845019007, 92845019008, 92845019009, 92845019010, 92845019011, 92845019012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lithium	mg/L	ND	0.00200	0.000600	02/25/26 16:40	

LABORATORY CONTROL SAMPLE: R4340913-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lithium	mg/L	0.0500	0.0466	93.2	80.0-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R4340913-4 R4340913-5

Parameter	Units	L1946717-05 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lithium	mg/L	0.00252	0.0500	0.0500	0.0458	0.0467	86.6	88.4	75.0-125	1.95	20	

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QUALITY CONTROL DATA

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

QC Batch: 2701102
QC Batch Method: 3015
Analysis Method: EPA 6020B
Analysis Description: Metals (ICPMS) 6020B
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 92845520008, 92845520009, 92845520010, 92845520011, 92845520012, 92845520013, 92845520014, 92845520016, 92845520017, 92845520018, 92845520019, 92845520020, 92845520021, 92845520022, 92845520024, 92845520025, 92845520026

METHOD BLANK: R4341483-1
Matrix: Water
Associated Lab Samples: 92845520008, 92845520009, 92845520010, 92845520011, 92845520012, 92845520013, 92845520014, 92845520016, 92845520017, 92845520018, 92845520019, 92845520020, 92845520021, 92845520022, 92845520024, 92845520025, 92845520026

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lithium	mg/L	ND	0.00200	0.000600	02/26/26 18:03	

LABORATORY CONTROL SAMPLE: R4341483-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lithium	mg/L	0.0500	0.0524	105	80.0-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R4341483-4 R4341483-5

Parameter	Units	L1947919-21 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lithium	mg/L	0.0163	0.0500	0.0500	0.0672	0.0670	102	101	75.0-125	0.396	20	

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QUALITY CONTROL DATA

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

QC Batch: 2701970
QC Batch Method: 3015
Analysis Method: EPA 6020B
Analysis Description: Metals (ICPMS) 6020B
Laboratory: Pace National - Mt. Juliet

Associated Lab Samples:

METHOD BLANK: R4342323-1 Matrix: Water
Associated Lab Samples: 92845520023

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lithium	mg/L	ND	0.00200	0.000600	03/01/26 13:38	

LABORATORY CONTROL SAMPLE: R4342323-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lithium	mg/L	0.0500	0.0454	90.8	80.0-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R4342323-4 R4342323-5

Parameter	Units	L1948149-06 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lithium	mg/L	0.887	0.0500	0.0500	0.808	0.915	0.00	56.1	75.0-125	12.4	20	P6

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QUALITY CONTROL DATA

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

QC Batch: 2702304
QC Batch Method: 3015
Analysis Method: EPA 6020B
Analysis Description: Metals (ICPMS) 6020B
Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92845520015

METHOD BLANK: R4342493-1 Matrix: Water
Associated Lab Samples: 92845520015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lithium	mg/L	ND	0.00200	0.000600	03/02/26 11:33	

LABORATORY CONTROL SAMPLE: R4342493-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lithium	mg/L	0.0500	0.0496	99.2	80.0-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R4342493-4 R4342493-5

Parameter	Units	L1948568-02 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lithium	mg/L	0.231	0.0500	0.0500	0.269	0.284	76.8	106	75.0-125	5.27	20	

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QUALITY CONTROL DATA

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

QC Batch: 992296
QC Batch Method: SM 2540C-2020
Analysis Method: SM 2540C-2020
Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92845019007, 92845019008, 92845019009, 92845019010, 92845019011, 92845019012

METHOD BLANK: 5101581
Matrix: Water
Associated Lab Samples: 92845019007, 92845019008, 92845019009, 92845019010, 92845019011, 92845019012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	25.0	02/21/26 17:53	

LABORATORY CONTROL SAMPLE: 5101582

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	250	248	99	90-110	

SAMPLE DUPLICATE: 5101584

Parameter	Units	92845019009 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	85.0	89.0	5	25	

SAMPLE DUPLICATE: 5101585

Parameter	Units	92845019010 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	51.0	53.0	4	25	

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QUALITY CONTROL DATA

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

QC Batch: 992714
QC Batch Method: SM 2540C-2020
Analysis Method: SM 2540C-2020
Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92845520008, 92845520009

METHOD BLANK: 5102957
Matrix: Water
Associated Lab Samples: 92845520008, 92845520009

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	25.0	02/24/26 03:00	

LABORATORY CONTROL SAMPLE: 5102958

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	250	252	101	90-110	

SAMPLE DUPLICATE: 5102959

Parameter	Units	92845342006 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	395	383	3	25	

SAMPLE DUPLICATE: 5102960

Parameter	Units	92845520008 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	97.0	85.0	13	25	

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QUALITY CONTROL DATA

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

QC Batch: 992981
QC Batch Method: SM 2540C-2020
Analysis Method: SM 2540C-2020
Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92845520010, 92845520011, 92845520012, 92845520013, 92845520014

METHOD BLANK: 5104551
Matrix: Water
Associated Lab Samples: 92845520010, 92845520011, 92845520012, 92845520013, 92845520014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	25.0	02/25/26 14:47	

LABORATORY CONTROL SAMPLE: 5104552

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	250	232	93	90-110	

SAMPLE DUPLICATE: 5104553

Parameter	Units	92845520010 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	371	381	3	25	

SAMPLE DUPLICATE: 5104554

Parameter	Units	92845506022 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	147	158	7	25	

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QUALITY CONTROL DATA

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

QC Batch: 993203
QC Batch Method: SM 2540C-2020
Analysis Method: SM 2540C-2020
Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92845520015, 92845520016, 92845520017, 92845520018, 92845520019, 92845520020, 92845520021, 92845520022, 92845520024, 92845520026

METHOD BLANK: 5105746
Matrix: Water
Associated Lab Samples: 92845520015, 92845520016, 92845520017, 92845520018, 92845520019, 92845520020, 92845520021, 92845520022, 92845520024, 92845520026

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	25.0	02/25/26 18:02	

LABORATORY CONTROL SAMPLE: 5105747

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	250	248	99	90-110	

SAMPLE DUPLICATE: 5105748

Parameter	Units	92845402001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	<25.0	ND		25	

SAMPLE DUPLICATE: 5105749

Parameter	Units	92845520016 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	219	214	2	25	

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QUALITY CONTROL DATA

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

QC Batch: 993205
QC Batch Method: SM 2540C-2020
Analysis Method: SM 2540C-2020
Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92845520025

METHOD BLANK: 5105765 Matrix: Water
Associated Lab Samples: 92845520025

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	25.0	02/25/26 18:07	

LABORATORY CONTROL SAMPLE: 5105766

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

SAMPLE DUPLICATE: 5105767

Parameter	Units	92845520025 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	ND	ND		25	

SAMPLE DUPLICATE: 5105768

Parameter	Units	92845625007 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	716	724	1	25	

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QUALITY CONTROL DATA

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

QC Batch: 991999
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: 92845019007, 92845019008, 92845019009, 92845019010, 92845019011, 92845019012

METHOD BLANK: 5099747 Matrix: Water
Associated Lab Samples: 92845019007, 92845019008, 92845019009, 92845019010, 92845019011, 92845019012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	02/20/26 00:40	
Fluoride	mg/L	ND	0.10	0.050	02/20/26 00:40	
Sulfate	mg/L	ND	1.0	0.50	02/20/26 00:40	

LABORATORY CONTROL SAMPLE: 5099748

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	51.7	103	90-110	
Fluoride	mg/L	2.5	2.7	110	90-110	
Sulfate	mg/L	50	52.0	104	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5099751 5099752

Parameter	Units	92845019002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	2.2	50	50	53.6	55.0	103	106	90-110	3	10	
Fluoride	mg/L	0.11	2.5	2.5	2.5	2.6	95	98	90-110	3	10	
Sulfate	mg/L	101	50	50	146	147	90	92	90-110	1	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5099886 5099887

Parameter	Units	92845019011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	2.6	50	50	53.6	54.9	102	105	90-110	2	10	
Fluoride	mg/L	0.12	2.5	2.5	2.4	2.5	93	96	90-110	3	10	
Sulfate	mg/L	43.5	50	50	94.2	95.5	101	104	90-110	1	10	

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QUALITY CONTROL DATA

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

QC Batch: 992693
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: 92845520024

METHOD BLANK: 5102904 Matrix: Water
Associated Lab Samples: 92845520024

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	02/23/26 23:54	
Fluoride	mg/L	ND	0.10	0.050	02/23/26 23:54	
Sulfate	mg/L	ND	1.0	0.50	02/23/26 23:54	

LABORATORY CONTROL SAMPLE: 5102905

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	51.5	103	90-110	
Fluoride	mg/L	2.5	2.6	103	90-110	
Sulfate	mg/L	50	51.7	103	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5102906 5102907

Parameter	Units	92845334006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	15.9	50	50	65.5	66.8	99	102	90-110	2	10	
Fluoride	mg/L	0.18	2.5	2.5	2.6	2.7	98	100	90-110	2	10	
Sulfate	mg/L	2.5	50	50	52.5	53.7	100	102	90-110	2	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5102908 5102909

Parameter	Units	92845342015 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	3.9	50	50	54.0	54.8	100	102	90-110	2	10	
Fluoride	mg/L	ND	2.5	2.5	2.6	2.7	103	106	90-110	3	10	
Sulfate	mg/L	111	50	50	155	156	89	91	90-110	1	10	M1

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QUALITY CONTROL DATA

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

QC Batch: 992697
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: 92845520008, 92845520009, 92845520010, 92845520011, 92845520012, 92845520013, 92845520014

METHOD BLANK: 5102910 Matrix: Water
Associated Lab Samples: 92845520008, 92845520009, 92845520010, 92845520011, 92845520012, 92845520013, 92845520014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	02/24/26 00:22	
Fluoride	mg/L	ND	0.10	0.050	02/24/26 00:22	
Sulfate	mg/L	ND	1.0	0.50	02/24/26 00:22	

LABORATORY CONTROL SAMPLE: 5102911

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	51.7	103	90-110	
Fluoride	mg/L	2.5	2.5	101	90-110	
Sulfate	mg/L	50	52.1	104	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5102912 5102913

Parameter	Units	92845342024 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	4.2	50	50	54.2	55.2	100	102	90-110	2	10	
Fluoride	mg/L	ND	2.5	2.5	2.4	2.5	95	98	90-110	3	10	
Sulfate	mg/L	138	50	50	185	186	93	95	90-110	1	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5102914 5102915

Parameter	Units	92845520008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	1.4	50	50	51.6	50.7	100	99	90-110	2	10	
Fluoride	mg/L	0.062J	2.5	2.5	2.8	2.8	110	108	90-110	2	10	
Sulfate	mg/L	0.92J	50	50	50.9	50.0	100	98	90-110	2	10	

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QUALITY CONTROL DATA

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

QC Batch: 992700
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: 92845520016, 92845520017, 92845520018, 92845520019, 92845520020, 92845520021, 92845520022

METHOD BLANK: 5102923 Matrix: Water
Associated Lab Samples: 92845520016, 92845520017, 92845520018, 92845520019, 92845520020, 92845520021, 92845520022

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	02/24/26 01:13	
Fluoride	mg/L	ND	0.10	0.050	02/24/26 01:13	
Sulfate	mg/L	ND	1.0	0.50	02/24/26 01:13	

LABORATORY CONTROL SAMPLE: 5102924

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	52.1	104	90-110	
Fluoride	mg/L	2.5	2.6	103	90-110	
Sulfate	mg/L	50	52.0	104	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5102925 5102926

Parameter	Units	92844564012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	1.4	50	50	50.4	54.3	98	106	90-110	8	10	
Fluoride	mg/L	ND	2.5	2.5	2.3	2.5	90	98	90-110	8	10	
Sulfate	mg/L	2.7	50	50	51.1	55.0	97	105	90-110	7	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5102927 5102928

Parameter	Units	92844564021 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	2.2	50	50	53.0	53.5	102	103	90-110	1	10	
Fluoride	mg/L	ND	2.5	2.5	2.4	2.4	94	95	90-110	1	10	
Sulfate	mg/L	7.6	50	50	57.6	58.3	100	101	90-110	1	10	

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QUALITY CONTROL DATA

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

QC Batch: 992960
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: 92845520025, 92845520026

METHOD BLANK: 5104493
Matrix: Water
Associated Lab Samples: 92845520025, 92845520026

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	02/24/26 23:01	
Fluoride	mg/L	ND	0.10	0.050	02/24/26 23:01	
Sulfate	mg/L	ND	1.0	0.50	02/24/26 23:01	

LABORATORY CONTROL SAMPLE: 5104494

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	102	90-110	
Sulfate	mg/L	50	50.8	102	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5104495 5104496

Parameter	Units	92845019014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	2.5	50	50	50.9	52.4	97	100	90-110	3	10	
Fluoride	mg/L	ND	2.5	2.5	2.3	2.4	91	92	90-110	1	10	
Sulfate	mg/L	28.7	50	50	75.5	77.0	93	96	90-110	2	10	

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QUALITY CONTROL DATA

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

QC Batch: 993228
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: 92845520015

METHOD BLANK: 5105968 Matrix: Water
Associated Lab Samples: 92845520015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	02/25/26 23:50	
Fluoride	mg/L	ND	0.10	0.050	02/25/26 23:50	
Sulfate	mg/L	ND	1.0	0.50	02/25/26 23:50	

LABORATORY CONTROL SAMPLE: 5105969

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	51.1	102	90-110	
Fluoride	mg/L	2.5	2.7	107	90-110	
Sulfate	mg/L	50	50.7	101	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5105970 5105971

Parameter	Units	92845986002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	5.4	50	50	55.8	57.0	101	103	90-110	2	10	
Fluoride	mg/L	ND	2.5	2.5	2.5	2.5	96	99	90-110	3	10	
Sulfate	mg/L	7.0	50	50	57.5	58.7	101	103	90-110	2	10	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

QC Batch: 993102
QC Batch Method: EPA 3005A
Analysis Method: EPA 6020B
Analysis Description: WC 6020B MET
Laboratory: Pace Analytical Services - West Columbia
Associated Lab Samples: 92845019007, 92845019008, 92845019009, 92845019010, 92845019011, 92845019012

METHOD BLANK: 5104981
Matrix: Water
Associated Lab Samples: 92845019007, 92845019008, 92845019009, 92845019010, 92845019011, 92845019012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	mg/L	ND	0.0020	0.00043	03/13/26 13:35	
Arsenic	mg/L	ND	0.0020	0.00041	03/13/26 13:35	
Barium	mg/L	ND	0.0050	0.00056	03/13/26 13:35	
Beryllium	mg/L	ND	0.00040	0.00015	03/13/26 13:35	
Boron	mg/L	ND	0.040	0.0073	03/20/26 11:45	
Cadmium	mg/L	ND	0.00050	0.00010	03/13/26 13:35	
Calcium	mg/L	ND	0.40	0.10	03/13/26 13:35	
Chromium	mg/L	ND	0.0050	0.00024	03/13/26 13:35	
Cobalt	mg/L	ND	0.0050	0.00012	03/13/26 13:35	
Copper	mg/L	ND	0.0050	0.00069	03/13/26 13:35	
Lead	mg/L	ND	0.0010	0.00027	03/13/26 13:35	
Molybdenum	mg/L	ND	0.010	0.0020	03/13/26 13:35	
Nickel	mg/L	ND	0.0050	0.00092	03/13/26 13:35	
Selenium	mg/L	ND	0.0050	0.00050	03/13/26 13:35	
Silver	mg/L	ND	0.0010	0.00021	03/13/26 13:35	
Thallium	mg/L	ND	0.00050	0.00017	03/13/26 13:35	
Vanadium	mg/L	ND	0.0050	0.0011	03/13/26 13:35	
Zinc	mg/L	ND	0.010	0.0014	03/13/26 13:35	

LABORATORY CONTROL SAMPLE: 5104982

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	mg/L	0.1	0.10	104	80-120	
Arsenic	mg/L	0.1	0.11	105	80-120	
Barium	mg/L	0.1	0.10	104	80-120	
Beryllium	mg/L	0.1	0.10	104	80-120	
Boron	mg/L	0.1	0.098	98	80-120	
Cadmium	mg/L	0.1	0.10	104	80-120	
Calcium	mg/L	1	1.0	104	80-120	
Chromium	mg/L	0.1	0.10	105	80-120	
Cobalt	mg/L	0.1	0.11	110	80-120	
Copper	mg/L	0.1	0.11	109	80-120	
Lead	mg/L	0.1	0.099	99	80-120	
Molybdenum	mg/L	0.1	0.096	96	80-120	
Nickel	mg/L	0.1	0.11	106	80-120	
Selenium	mg/L	0.1	0.10	102	80-120	
Silver	mg/L	0.1	0.11	106	80-120	
Thallium	mg/L	0.1	0.11	107	80-120	
Vanadium	mg/L	0.1	0.10	104	80-120	

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QUALITY CONTROL DATA

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

LABORATORY CONTROL SAMPLE: 5104982

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Zinc	mg/L	0.1	0.11	108	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5104983 5104984

Parameter	Units	92845013019 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	0.11	0.10	107	104	75-125	3	20	
Arsenic	mg/L	ND	0.1	0.1	0.11	0.11	107	105	75-125	1	20	
Barium	mg/L	29.2 ug/L	0.1	0.1	0.14	0.13	106	105	75-125	0	20	
Beryllium	mg/L	ND	0.1	0.1	0.11	0.10	106	105	75-125	1	20	
Boron	mg/L	ND	0.1	0.1	0.12	0.12	105	102	75-125	3	20	
Cadmium	mg/L	ND	0.1	0.1	0.11	0.10	107	105	75-125	2	20	
Calcium	mg/L	5.9	1	1	6.9	6.7	104	82	75-125	3	20	
Chromium	mg/L	ND	0.1	0.1	0.11	0.11	107	106	75-125	1	20	
Cobalt	mg/L	ND	0.1	0.1	0.11	0.11	111	107	75-125	3	20	
Copper	mg/L	ND	0.1	0.1	0.11	0.11	111	108	75-125	2	20	
Lead	mg/L	ND	0.1	0.1	0.10	0.10	102	100	75-125	2	20	
Molybdenum	mg/L	ND	0.1	0.1	0.098	0.096	98	96	75-125	2	20	
Nickel	mg/L	ND	0.1	0.1	0.11	0.11	107	105	75-125	2	20	
Selenium	mg/L	ND	0.1	0.1	0.11	0.10	106	104	75-125	2	20	
Silver	mg/L	ND	0.1	0.1	0.11	0.10	108	105	75-125	3	20	
Thallium	mg/L	ND	0.1	0.1	0.11	0.11	108	108	75-125	0	20	
Vanadium	mg/L	ND	0.1	0.1	0.11	0.11	108	106	75-125	1	20	
Zinc	mg/L	ND	0.1	0.1	0.11	0.11	112	111	75-125	1	20	

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QUALITY CONTROL DATA

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

QC Batch: 993262
QC Batch Method: EPA 3005A
Analysis Method: EPA 6020B
Analysis Description: WC 6020B MET
Laboratory: Pace Analytical Services - West Columbia

Associated Lab Samples: 92845520008, 92845520009, 92845520010, 92845520011, 92845520012, 92845520013, 92845520014, 92845520016, 92845520017, 92845520018, 92845520019, 92845520020, 92845520021, 92845520022, 92845520024, 92845520025, 92845520026

METHOD BLANK: 5106178
Matrix: Water

Associated Lab Samples: 92845520008, 92845520009, 92845520010, 92845520011, 92845520012, 92845520013, 92845520014, 92845520016, 92845520017, 92845520018, 92845520019, 92845520020, 92845520021, 92845520022, 92845520024, 92845520025, 92845520026

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	mg/L	ND	0.0020	0.00043	03/20/26 14:59	
Arsenic	mg/L	ND	0.0020	0.00041	03/20/26 14:59	
Barium	mg/L	ND	0.0050	0.00056	03/20/26 14:59	
Beryllium	mg/L	ND	0.00040	0.00015	03/20/26 14:59	
Boron	mg/L	ND	0.040	0.0073	03/23/26 23:00	
Cadmium	mg/L	ND	0.00050	0.00010	03/20/26 14:59	
Calcium	mg/L	ND	0.40	0.10	03/20/26 14:59	
Chromium	mg/L	ND	0.0050	0.00024	03/20/26 14:59	
Cobalt	mg/L	ND	0.0050	0.00012	03/20/26 14:59	
Copper	mg/L	ND	0.0050	0.00069	03/20/26 14:59	
Lead	mg/L	ND	0.0010	0.00027	03/20/26 14:59	
Molybdenum	mg/L	ND	0.010	0.0020	03/20/26 14:59	
Nickel	mg/L	ND	0.0050	0.00092	03/20/26 14:59	
Selenium	mg/L	ND	0.0050	0.00050	03/20/26 14:59	
Silver	mg/L	ND	0.0010	0.00021	03/20/26 14:59	
Thallium	mg/L	ND	0.00050	0.00017	03/20/26 14:59	
Vanadium	mg/L	ND	0.0050	0.0011	03/20/26 14:59	
Zinc	mg/L	ND	0.010	0.0014	03/20/26 14:59	

LABORATORY CONTROL SAMPLE: 5106179

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	mg/L	0.1	0.096	96	80-120	
Arsenic	mg/L	0.1	0.096	96	80-120	
Barium	mg/L	0.1	0.094	94	80-120	
Beryllium	mg/L	0.1	0.088	88	80-120	
Boron	mg/L	0.1	0.095	95	80-120	
Cadmium	mg/L	0.1	0.096	96	80-120	
Calcium	mg/L	1	0.96	96	80-120	
Chromium	mg/L	0.1	0.098	98	80-120	
Cobalt	mg/L	0.1	0.095	95	80-120	
Copper	mg/L	0.1	0.10	100	80-120	
Lead	mg/L	0.1	0.099	99	80-120	
Molybdenum	mg/L	0.1	0.093	93	80-120	
Nickel	mg/L	0.1	0.097	97	80-120	

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QUALITY CONTROL DATA

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

LABORATORY CONTROL SAMPLE: 5106179

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Selenium	mg/L	0.1	0.098	98	80-120	
Silver	mg/L	0.1	0.099	99	80-120	
Thallium	mg/L	0.1	0.10	102	80-120	
Vanadium	mg/L	0.1	0.097	97	80-120	
Zinc	mg/L	0.1	0.098	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5106180 5106181

Parameter	Units	92845019014 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	0.098	0.10	98	101	75-125	4	20	
Arsenic	mg/L	ND	0.1	0.1	0.098	0.10	97	101	75-125	4	20	
Barium	mg/L	0.13	0.1	0.1	0.23	0.24	94	104	75-125	4	20	
Beryllium	mg/L	ND	0.1	0.1	0.091	0.092	91	92	75-125	2	20	
Boron	mg/L	0.017J	0.1	0.1	0.12	0.12	98	101	75-125	2	20	
Cadmium	mg/L	ND	0.1	0.1	0.096	0.10	96	101	75-125	5	20	
Calcium	mg/L	61.6	1	1	60.8	61.4	-75	-16	75-125	1	20	M1
Chromium	mg/L	0.00027J	0.1	0.1	0.10	0.10	100	103	75-125	4	20	
Cobalt	mg/L	ND	0.1	0.1	0.096	0.10	96	100	75-125	4	20	
Copper	mg/L	ND	0.1	0.1	0.099	0.10	99	104	75-125	5	20	
Lead	mg/L	ND	0.1	0.1	0.099	0.098	99	98	75-125	1	20	
Molybdenum	mg/L	ND	0.1	0.1	0.093	0.098	92	97	75-125	5	20	
Nickel	mg/L	0.0013J	0.1	0.1	0.099	0.10	98	103	75-125	5	20	
Selenium	mg/L	ND	0.1	0.1	0.097	0.10	97	100	75-125	3	20	
Silver	mg/L	ND	0.1	0.1	0.098	0.10	98	103	75-125	5	20	
Thallium	mg/L	ND	0.1	0.1	0.10	0.11	104	107	75-125	3	20	
Vanadium	mg/L	ND	0.1	0.1	0.099	0.10	99	101	75-125	2	20	
Zinc	mg/L	ND	0.1	0.1	0.10	0.10	99	103	75-125	3	20	

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QUALITY CONTROL DATA

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

QC Batch: 994523
QC Batch Method: EPA 3005A
Analysis Method: EPA 6020B
Analysis Description: WC 6020B MET
Laboratory: Pace Analytical Services - West Columbia
Associated Lab Samples: 92845520015

METHOD BLANK: 5112703
Matrix: Water
Associated Lab Samples: 92845520015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	mg/L	ND	0.0020	0.00043	03/19/26 14:11	
Arsenic	mg/L	ND	0.0020	0.00041	03/19/26 14:11	
Barium	mg/L	ND	0.0050	0.00056	03/19/26 14:11	
Beryllium	mg/L	ND	0.00040	0.00015	03/23/26 17:15	
Boron	mg/L	ND	0.040	0.0073	03/23/26 17:15	
Cadmium	mg/L	ND	0.00050	0.00010	03/19/26 14:11	
Calcium	mg/L	ND	0.40	0.10	03/19/26 14:11	
Chromium	mg/L	ND	0.0050	0.00024	03/19/26 14:11	
Cobalt	mg/L	ND	0.0050	0.00012	03/19/26 14:11	
Copper	mg/L	ND	0.0050	0.00069	03/19/26 14:11	
Lead	mg/L	ND	0.0010	0.00027	03/19/26 14:11	
Molybdenum	mg/L	ND	0.010	0.0020	03/19/26 14:11	
Nickel	mg/L	ND	0.0050	0.00092	03/19/26 14:11	
Selenium	mg/L	ND	0.0050	0.00050	03/19/26 14:11	
Silver	mg/L	ND	0.0010	0.00021	03/19/26 14:11	
Thallium	mg/L	ND	0.00050	0.00017	03/19/26 14:11	
Vanadium	mg/L	ND	0.0050	0.0011	03/19/26 14:11	
Zinc	mg/L	ND	0.010	0.0014	03/19/26 14:11	

LABORATORY CONTROL SAMPLE & LCSD: 5112704 5112705

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Antimony	mg/L	0.1	0.11	0.11	107	107	80-120	0	20	
Arsenic	mg/L	0.1	0.099	0.099	99	99	80-120	0	20	
Barium	mg/L	0.1	0.096	0.096	96	96	80-120	1	20	
Beryllium	mg/L	0.1	0.094	0.094	94	94	80-120	1	20	
Boron	mg/L	0.1	0.099	0.10	99	100	80-120	1	20	
Cadmium	mg/L	0.1	0.096	0.096	96	96	80-120	1	20	
Calcium	mg/L	1	0.96	0.93	96	93	80-120	3	20	
Chromium	mg/L	0.1	0.099	0.10	99	101	80-120	1	20	
Cobalt	mg/L	0.1	0.099	0.098	99	98	80-120	1	20	
Copper	mg/L	0.1	0.10	0.10	102	102	80-120	1	20	
Lead	mg/L	0.1	0.10	0.099	102	99	80-120	3	20	
Molybdenum	mg/L	0.1	0.10	0.10	104	105	80-120	1	20	
Nickel	mg/L	0.1	0.10	0.10	101	100	80-120	1	20	
Selenium	mg/L	0.1	0.10	0.10	102	100	80-120	2	20	
Silver	mg/L	0.1	0.10	0.10	100	100	80-120	0	20	
Thallium	mg/L	0.1	0.10	0.10	101	100	80-120	0	20	
Vanadium	mg/L	0.1	0.099	0.10	99	100	80-120	1	20	

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QUALITY CONTROL DATA

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

LABORATORY CONTROL SAMPLE & LCSD: 5112704 5112705

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Zinc	mg/L	0.1	0.10	0.10	101	101	80-120	1	20	

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QUALITY CONTROL DATA

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

QC Batch: 993409
QC Batch Method: EPA 3005A
Analysis Method: EPA 6020B
Analysis Description: WC 6020B MET Dissolved
Laboratory: Pace Analytical Services - West Columbia
Associated Lab Samples: 92845520023

METHOD BLANK: 5106757
Matrix: Water
Associated Lab Samples: 92845520023

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony, Dissolved	mg/L	0.00087J	0.0020	0.00043	03/05/26 20:44	
Arsenic, Dissolved	mg/L	ND	0.0020	0.00041	03/05/26 20:44	
Barium, Dissolved	mg/L	ND	0.0050	0.00056	03/05/26 20:44	
Beryllium, Dissolved	mg/L	ND	0.00040	0.00015	03/05/26 20:44	
Boron, Dissolved	mg/L	ND	0.040	0.0073	03/05/26 20:44	
Cadmium, Dissolved	mg/L	ND	0.00050	0.00010	03/05/26 20:44	
Calcium, Dissolved	mg/L	ND	0.40	0.10	03/10/26 12:06	
Chromium, Dissolved	mg/L	ND	0.0050	0.00024	03/05/26 20:44	
Cobalt, Dissolved	mg/L	ND	0.0050	0.00012	03/05/26 20:44	
Copper, Dissolved	mg/L	ND	0.0050	0.00069	03/05/26 20:44	
Lead, Dissolved	mg/L	ND	0.0010	0.00027	03/05/26 20:44	
Molybdenum, Dissolved	mg/L	ND	0.010	0.0020	03/05/26 20:44	
Nickel, Dissolved	mg/L	ND	0.0050	0.00092	03/05/26 20:44	
Selenium, Dissolved	mg/L	ND	0.0050	0.00050	03/05/26 20:44	
Silver, Dissolved	mg/L	ND	0.0010	0.00021	03/05/26 20:44	
Thallium, Dissolved	mg/L	ND	0.00050	0.00017	03/05/26 20:44	
Vanadium, Dissolved	mg/L	ND	0.0050	0.0011	03/05/26 20:44	
Zinc, Dissolved	mg/L	ND	0.010	0.0014	03/05/26 20:44	

LABORATORY CONTROL SAMPLE: 5106758

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony, Dissolved	mg/L	0.1	0.10	100	80-120	
Arsenic, Dissolved	mg/L	0.1	0.091	91	80-120	
Barium, Dissolved	mg/L	0.1	0.097	97	80-120	
Beryllium, Dissolved	mg/L	0.1	0.098	98	80-120	
Boron, Dissolved	mg/L	0.1	0.10	100	80-120	
Cadmium, Dissolved	mg/L	0.1	0.10	103	80-120	
Calcium, Dissolved	mg/L	1	1.0	102	80-120	
Chromium, Dissolved	mg/L	0.1	0.11	106	80-120	
Cobalt, Dissolved	mg/L	0.1	0.11	109	80-120	
Copper, Dissolved	mg/L	0.1	0.10	100	80-120	
Lead, Dissolved	mg/L	0.1	0.11	112	80-120	
Molybdenum, Dissolved	mg/L	0.1	0.097	97	80-120	
Nickel, Dissolved	mg/L	0.1	0.11	108	80-120	
Selenium, Dissolved	mg/L	0.1	0.091	91	80-120	
Silver, Dissolved	mg/L	0.1	0.11	106	80-120	
Thallium, Dissolved	mg/L	0.1	0.11	109	80-120	
Vanadium, Dissolved	mg/L	0.1	0.10	101	80-120	

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QUALITY CONTROL DATA

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

LABORATORY CONTROL SAMPLE: 5106758

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Zinc, Dissolved	mg/L	0.1	0.10	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5106759 5106760

Parameter	Units	92845520023 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony, Dissolved	mg/L	ND	0.1	0.1	0.10	0.11	102	106	75-125	4	20	
Arsenic, Dissolved	mg/L	0.0020J	0.1	0.1	0.099	0.10	97	100	75-125	3	20	
Barium, Dissolved	mg/L	0.073	0.1	0.1	0.18	0.18	103	106	75-125	2	20	
Beryllium, Dissolved	mg/L	ND	0.1	0.1	0.10	0.11	103	106	75-125	4	20	
Boron, Dissolved	mg/L	0.042	0.1	0.1	0.14	0.15	100	107	75-125	4	20	
Cadmium, Dissolved	mg/L	ND	0.1	0.1	0.10	0.11	105	108	75-125	3	20	
Calcium, Dissolved	mg/L	36.9	1	1	38.8	38.7	191	183	75-125	0	20	M1
Chromium, Dissolved	mg/L	0.0020J	0.1	0.1	0.10	0.11	102	108	75-125	5	20	
Cobalt, Dissolved	mg/L	0.0019J	0.1	0.1	0.10	0.11	102	106	75-125	4	20	
Copper, Dissolved	mg/L	0.0014J	0.1	0.1	0.099	0.10	98	103	75-125	5	20	
Lead, Dissolved	mg/L	0.00056J	0.1	0.1	0.11	0.11	107	110	75-125	3	20	
Molybdenum, Dissolved	mg/L	ND	0.1	0.1	0.10	0.10	100	103	75-125	3	20	
Nickel, Dissolved	mg/L	0.0068	0.1	0.1	0.11	0.11	99	103	75-125	3	20	
Selenium, Dissolved	mg/L	0.00059J	0.1	0.1	0.083	0.083	83	83	75-125	0	20	
Silver, Dissolved	mg/L	ND	0.1	0.1	0.10	0.11	104	106	75-125	2	20	
Thallium, Dissolved	mg/L	ND	0.1	0.1	0.11	0.11	106	110	75-125	4	20	
Vanadium, Dissolved	mg/L	0.0033J	0.1	0.1	0.11	0.11	102	107	75-125	5	20	
Zinc, Dissolved	mg/L	0.0036J	0.1	0.1	0.10	0.11	101	104	75-125	3	20	

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QUALITY CONTROL DATA

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

QC Batch: 992269
QC Batch Method: EPA 7470A
Analysis Method: EPA 7470A
Analysis Description: WCOL 7470 Mercury
Laboratory: Pace Analytical Services - West Columbia
Associated Lab Samples: 92845019007, 92845019008, 92845019009, 92845019010, 92845019011

METHOD BLANK: 5101293
Matrix: Water
Associated Lab Samples: 92845019007, 92845019008, 92845019009, 92845019010, 92845019011

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	0.091	02/22/26 14:50	

LABORATORY CONTROL SAMPLE: 5101294

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2	1.9	93	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5101295 5101296

Parameter	Units	92845019008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	2	2	1.9	1.9	96	96	80-120	0	20	

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QUALITY CONTROL DATA

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

QC Batch: 992430
QC Batch Method: EPA 7470A
Analysis Method: EPA 7470A
Analysis Description: WCOL 7470 Mercury
Laboratory: Pace Analytical Services - West Columbia
Associated Lab Samples: 92845019012

METHOD BLANK: 5101919 Matrix: Water
Associated Lab Samples: 92845019012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	0.091	02/24/26 23:52	

LABORATORY CONTROL SAMPLE: 5101920

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2	2.1	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5101921 5101922

Parameter	Units	92845115010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	0.00011J mg/L	2	2	2.1	2.1	102	101	80-120	1	20	

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QUALITY CONTROL DATA

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

QC Batch: 992952
QC Batch Method: EPA 7470A
Analysis Method: EPA 7470A
Analysis Description: WCOL 7470 Mercury
Laboratory: Pace Analytical Services - West Columbia
Associated Lab Samples: 92845520008, 92845520009, 92845520010, 92845520011

METHOD BLANK: 5104472 Matrix: Water
Associated Lab Samples: 92845520008, 92845520009, 92845520010, 92845520011

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	0.091	02/26/26 22:38	

LABORATORY CONTROL SAMPLE: 5104473

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2	1.8	92	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5104474 5104475

Parameter	Units	92845506001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	2	2	1.8	1.8	91	90	80-120	1	20	

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QUALITY CONTROL DATA

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

QC Batch: 992953
QC Batch Method: EPA 7470A
Analysis Method: EPA 7470A
Analysis Description: WCOL 7470 Mercury
Laboratory: Pace Analytical Services - West Columbia
Associated Lab Samples: 92845520012, 92845520013, 92845520014

METHOD BLANK: 5104478
Matrix: Water
Associated Lab Samples: 92845520012, 92845520013, 92845520014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	0.091	02/25/26 21:19	

LABORATORY CONTROL SAMPLE: 5104479

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2	2.1	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5104480 5104481

Parameter	Units	92845506011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	2	2	2.1	2.1	101	102	80-120	1	20	

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QUALITY CONTROL DATA

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

QC Batch: 992954
QC Batch Method: EPA 7470A
Analysis Method: EPA 7470A
Analysis Description: WCOL 7470 Mercury
Laboratory: Pace Analytical Services - West Columbia
Associated Lab Samples: 92845520015

METHOD BLANK: 5104482 Matrix: Water
Associated Lab Samples: 92845520015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	0.091	03/04/26 17:12	

LABORATORY CONTROL SAMPLE: 5104483

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2	2.1	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5113613 5113614

Parameter	Units	92846106003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	2	2	2.0	2.1	100	106	80-120	6	20	

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QUALITY CONTROL DATA

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

QC Batch: 992955
QC Batch Method: EPA 7470A
Analysis Method: EPA 7470A
Analysis Description: WCOL 7470 Mercury
Laboratory: Pace Analytical Services - West Columbia
Associated Lab Samples: 92845520016, 92845520017, 92845520018, 92845520019, 92845520020

METHOD BLANK: 5104488 Matrix: Water
Associated Lab Samples: 92845520016, 92845520017, 92845520018, 92845520019, 92845520020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	0.091	02/25/26 20:08	

LABORATORY CONTROL SAMPLE: 5104489

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2	2.1	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5104490 5104491

Parameter	Units	92844564013 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	2	2	2.1	2.1	102	101	80-120	1	20	

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QUALITY CONTROL DATA

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

QC Batch: 993808
QC Batch Method: EPA 7470A
Analysis Method: EPA 7470A
Analysis Description: WCOL 7470 Mercury
Laboratory: Pace Analytical Services - West Columbia
Associated Lab Samples: 92845520021, 92845520022, 92845520024, 92845520025, 92845520026

METHOD BLANK: 5109065
Matrix: Water
Associated Lab Samples: 92845520021, 92845520022, 92845520024, 92845520025, 92845520026

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	0.091	02/27/26 20:26	

LABORATORY CONTROL SAMPLE: 5109066

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2	2.0	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5109067 5109068

Parameter	Units	92846406002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	0.00013J mg/L	2	2	2.0	1.9	101	94	80-120	8	20	

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QUALITY CONTROL DATA

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

QC Batch: 993484
QC Batch Method: EPA 7470A
Analysis Method: EPA 7470A
Analysis Description: WCOL 7470 Mercury, Dissolved
Laboratory: Pace Analytical Services - West Columbia
Associated Lab Samples: 92845520023

METHOD BLANK: 5107297
Matrix: Water
Associated Lab Samples: 92845520023

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury, Dissolved	mg/L	ND	0.00020	0.000091	02/26/26 20:44	

LABORATORY CONTROL SAMPLE & LCSD: 5107298 5107976

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Mercury, Dissolved	mg/L	0.002	0.0019	0.0019	94	93	80-120	0	20	

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

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

QUALIFIERS

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

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.

WORKORDER QUALIFIERS

WO: 92845520

[1]	GEOSYNTEC
[2]	DO NOT DILUTE. MUST MEET REPORTING LIMITS. LET PM KNOW FIRST IF THERE ARE ISSUES.

ANALYTE QUALIFIERS

L0	Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
P6	Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92845019007	**HAM-GWA-24**	3015	2699537	EPA 6020B	2699537
92845019008	**HAM-GWA-25**	3015	2699537	EPA 6020B	2699537
92845019009	**HAM-GWA-26**	3015	2699537	EPA 6020B	2699537
92845019010	**HAM-GWA-27**	3015	2699537	EPA 6020B	2699537
92845019011	**HAM-GWC-32**	3015	2699537	EPA 6020B	2699537
92845019012	**HAM-GWC-39**	3015	2699537	EPA 6020B	2699537
92845520008	**HAM-GWC-28**	3015	2701102	EPA 6020B	2701102
92845520009	**HAM-GWC-31**	3015	2701102	EPA 6020B	2701102
92845520010	**HAM-GWC-33**	3015	2701102	EPA 6020B	2701102
92845520011	**HAM-GWC-34**	3015	2701102	EPA 6020B	2701102
92845520012	**HAM-GWC-35**	3015	2701102	EPA 6020B	2701102
92845520013	**HAM-GWC-36**	3015	2701102	EPA 6020B	2701102
92845520014	**HAM-HLF-F-FD-02**	3015	2701102	EPA 6020B	2701102
92845520015	**HAM-GWC-29**	3015	2702304	EPA 6020B	2702304
92845520016	**HAM-GWC-37**	3015	2701102	EPA 6020B	2701102
92845520017	**HAM-GWC-38**	3015	2701102	EPA 6020B	2701102
92845520018	**HAM-GWC-41**	3015	2701102	EPA 6020B	2701102
92845520019	**HAM-HLF-F-EB-02**	3015	2701102	EPA 6020B	2701102
92845520020	**HAM-HLF-F-FB-02**	3015	2701102	EPA 6020B	2701102
92845520021	**HAM-HLF-F-FD-03**	3015	2701102	EPA 6020B	2701102
92845520022	**HAM-GWC-30**	3015	2701102	EPA 6020B	2701102
92845520023	**HAM-GWC-30-Filtered**	3015	2701970	EPA 6020B	2701970
92845520024	**HAM-HLF-F-EB-03**	3015	2701102	EPA 6020B	2701102
92845520025	**HAM-HLF-F-FB-03**	3015	2701102	EPA 6020B	2701102
92845520026	**HAM-GWC-40**	3015	2701102	EPA 6020B	2701102
92845019007	**HAM-GWA-24**	SM 2540C-2020	992296		
92845019008	**HAM-GWA-25**	SM 2540C-2020	992296		
92845019009	**HAM-GWA-26**	SM 2540C-2020	992296		
92845019010	**HAM-GWA-27**	SM 2540C-2020	992296		
92845019011	**HAM-GWC-32**	SM 2540C-2020	992296		
92845019012	**HAM-GWC-39**	SM 2540C-2020	992296		
92845520008	**HAM-GWC-28**	SM 2540C-2020	992714		
92845520009	**HAM-GWC-31**	SM 2540C-2020	992714		
92845520010	**HAM-GWC-33**	SM 2540C-2020	992981		
92845520011	**HAM-GWC-34**	SM 2540C-2020	992981		
92845520012	**HAM-GWC-35**	SM 2540C-2020	992981		
92845520013	**HAM-GWC-36**	SM 2540C-2020	992981		
92845520014	**HAM-HLF-F-FD-02**	SM 2540C-2020	992981		
92845520015	**HAM-GWC-29**	SM 2540C-2020	993203		
92845520016	**HAM-GWC-37**	SM 2540C-2020	993203		
92845520017	**HAM-GWC-38**	SM 2540C-2020	993203		
92845520018	**HAM-GWC-41**	SM 2540C-2020	993203		
92845520019	**HAM-HLF-F-EB-02**	SM 2540C-2020	993203		
92845520020	**HAM-HLF-F-FB-02**	SM 2540C-2020	993203		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92845520021	**HAM-HLF-F-FD-03**	SM 2540C-2020	993203		
92845520022	**HAM-GWC-30**	SM 2540C-2020	993203		
92845520024	**HAM-HLF-F-EB-03**	SM 2540C-2020	993203		
92845520025	**HAM-HLF-F-FB-03**	SM 2540C-2020	993205		
92845520026	**HAM-GWC-40**	SM 2540C-2020	993203		
92845019007	**HAM-GWA-24**	EPA 300.0 Rev 2.1 1993	991999		
92845019008	**HAM-GWA-25**	EPA 300.0 Rev 2.1 1993	991999		
92845019009	**HAM-GWA-26**	EPA 300.0 Rev 2.1 1993	991999		
92845019010	**HAM-GWA-27**	EPA 300.0 Rev 2.1 1993	991999		
92845019011	**HAM-GWC-32**	EPA 300.0 Rev 2.1 1993	991999		
92845019012	**HAM-GWC-39**	EPA 300.0 Rev 2.1 1993	991999		
92845520008	**HAM-GWC-28**	EPA 300.0 Rev 2.1 1993	992697		
92845520009	**HAM-GWC-31**	EPA 300.0 Rev 2.1 1993	992697		
92845520010	**HAM-GWC-33**	EPA 300.0 Rev 2.1 1993	992697		
92845520011	**HAM-GWC-34**	EPA 300.0 Rev 2.1 1993	992697		
92845520012	**HAM-GWC-35**	EPA 300.0 Rev 2.1 1993	992697		
92845520013	**HAM-GWC-36**	EPA 300.0 Rev 2.1 1993	992697		
92845520014	**HAM-HLF-F-FD-02**	EPA 300.0 Rev 2.1 1993	992697		
92845520015	**HAM-GWC-29**	EPA 300.0 Rev 2.1 1993	993228		
92845520016	**HAM-GWC-37**	EPA 300.0 Rev 2.1 1993	992700		
92845520017	**HAM-GWC-38**	EPA 300.0 Rev 2.1 1993	992700		
92845520018	**HAM-GWC-41**	EPA 300.0 Rev 2.1 1993	992700		
92845520019	**HAM-HLF-F-EB-02**	EPA 300.0 Rev 2.1 1993	992700		
92845520020	**HAM-HLF-F-FB-02**	EPA 300.0 Rev 2.1 1993	992700		
92845520021	**HAM-HLF-F-FD-03**	EPA 300.0 Rev 2.1 1993	992700		
92845520022	**HAM-GWC-30**	EPA 300.0 Rev 2.1 1993	992700		
92845520024	**HAM-HLF-F-EB-03**	EPA 300.0 Rev 2.1 1993	992693		
92845520025	**HAM-HLF-F-FB-03**	EPA 300.0 Rev 2.1 1993	992960		
92845520026	**HAM-GWC-40**	EPA 300.0 Rev 2.1 1993	992960		
92845019007	**HAM-GWA-24**	EPA 3005A	993102	EPA 6020B	996524
92845019008	**HAM-GWA-25**	EPA 3005A	993102	EPA 6020B	996524
92845019009	**HAM-GWA-26**	EPA 3005A	993102	EPA 6020B	996524
92845019010	**HAM-GWA-27**	EPA 3005A	993102	EPA 6020B	996524
92845019011	**HAM-GWC-32**	EPA 3005A	993102	EPA 6020B	996524
92845019012	**HAM-GWC-39**	EPA 3005A	993102	EPA 6020B	996524
92845520008	**HAM-GWC-28**	EPA 3005A	993262	EPA 6020B	998504
92845520009	**HAM-GWC-31**	EPA 3005A	993262	EPA 6020B	998504
92845520010	**HAM-GWC-33**	EPA 3005A	993262	EPA 6020B	998504
92845520011	**HAM-GWC-34**	EPA 3005A	993262	EPA 6020B	998504
92845520012	**HAM-GWC-35**	EPA 3005A	993262	EPA 6020B	998504
92845520013	**HAM-GWC-36**	EPA 3005A	993262	EPA 6020B	998504
92845520014	**HAM-HLF-F-FD-02**	EPA 3005A	993262	EPA 6020B	998504
92845520015	**HAM-GWC-29**	EPA 3005A	994523	EPA 6020B	997848

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Huffaker-Parcel F-1st Bkgd
Pace Project No.: 92845520

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92845520016	**HAM-GWC-37**	EPA 3005A	993262	EPA 6020B	998504
92845520017	**HAM-GWC-38**	EPA 3005A	993262	EPA 6020B	998504
92845520018	**HAM-GWC-41**	EPA 3005A	993262	EPA 6020B	998504
92845520019	**HAM-HLF-F-EB-02**	EPA 3005A	993262	EPA 6020B	998504
92845520020	**HAM-HLF-F-FB-02**	EPA 3005A	993262	EPA 6020B	998504
92845520021	**HAM-HLF-F-FD-03**	EPA 3005A	993262	EPA 6020B	998504
92845520022	**HAM-GWC-30**	EPA 3005A	993262	EPA 6020B	998504
92845520024	**HAM-HLF-F-EB-03**	EPA 3005A	993262	EPA 6020B	998504
92845520025	**HAM-HLF-F-FB-03**	EPA 3005A	993262	EPA 6020B	998504
92845520026	**HAM-GWC-40**	EPA 3005A	993262	EPA 6020B	998504
92845520023	**HAM-GWC-30-Filtered**	EPA 3005A	993409	EPA 6020B	995534
92845019007	**HAM-GWA-24**	EPA 7470A	992269	EPA 7470A	992857
92845019008	**HAM-GWA-25**	EPA 7470A	992269	EPA 7470A	992857
92845019009	**HAM-GWA-26**	EPA 7470A	992269	EPA 7470A	992857
92845019010	**HAM-GWA-27**	EPA 7470A	992269	EPA 7470A	992857
92845019011	**HAM-GWC-32**	EPA 7470A	992269	EPA 7470A	992857
92845019012	**HAM-GWC-39**	EPA 7470A	992430	EPA 7470A	993144
92845520008	**HAM-GWC-28**	EPA 7470A	992952	EPA 7470A	993872
92845520009	**HAM-GWC-31**	EPA 7470A	992952	EPA 7470A	993872
92845520010	**HAM-GWC-33**	EPA 7470A	992952	EPA 7470A	993872
92845520011	**HAM-GWC-34**	EPA 7470A	992952	EPA 7470A	993872
92845520012	**HAM-GWC-35**	EPA 7470A	992953	EPA 7470A	993455
92845520013	**HAM-GWC-36**	EPA 7470A	992953	EPA 7470A	993455
92845520014	**HAM-HLF-F-FD-02**	EPA 7470A	992953	EPA 7470A	993455
92845520015	**HAM-GWC-29**	EPA 7470A	992954	EPA 7470A	994857
92845520016	**HAM-GWC-37**	EPA 7470A	992955	EPA 7470A	993456
92845520017	**HAM-GWC-38**	EPA 7470A	992955	EPA 7470A	993456
92845520018	**HAM-GWC-41**	EPA 7470A	992955	EPA 7470A	993456
92845520019	**HAM-HLF-F-EB-02**	EPA 7470A	992955	EPA 7470A	993456
92845520020	**HAM-HLF-F-FB-02**	EPA 7470A	992955	EPA 7470A	993456
92845520021	**HAM-HLF-F-FD-03**	EPA 7470A	993808	EPA 7470A	993971
92845520022	**HAM-GWC-30**	EPA 7470A	993808	EPA 7470A	993971
92845520024	**HAM-HLF-F-EB-03**	EPA 7470A	993808	EPA 7470A	993971
92845520025	**HAM-HLF-F-FB-03**	EPA 7470A	993808	EPA 7470A	993971
92845520026	**HAM-GWC-40**	EPA 7470A	993808	EPA 7470A	993971
92845520023	**HAM-GWC-30-Filtered**	EPA 7470A	993484	EPA 7470A	993869

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Pace	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 Pacific

Project #:

WO# : 92845520

92845520

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: [illegible]

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

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

Thermometer: ☑ IR Gun ID: [illegible]

Type of Ice: ☑ Wet ☐ Blue ☐ None

Cooler Temp: 4.3 Correction Factor: Add/Subtract (°C) 0.0

Temp should be above freezing to 6°C

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

Cooler Temp Corrected (°C): 4.3

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?	☑ Yes	☐ No	☐ N/A	9.
-Includes Date/Time/ID/Analysis Matrix: WG/WW				
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: _____

Qualtrax ID: 69614

Pace

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

Effective Date: 05/24/2024

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

Project #

WO#: 92845520
PM: BV **Due Date: 03/05/26**
CLIENT: 92- GP-HAM

Laboratory Receiving Location: Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Me

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)	AGDU-100 mL Amber Unpreserved (N/A) (Cl-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
CC					8014																								
1		1	1				2																						
2		1	1				2																						
3		1	1				2																						
4		1	1				2																						
5		1	1				2																						
6		1	1				2																						
7					2																								
8					2																								
9					2																								
10					2																								
11					2																								
12					2																								

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® Location Requested (City/State):
Pace Analytical Charlotte
9800 Kincey Ave. Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Georgia Power- Hammond
Street Address: 241 Ralph McGill Blvd NE
Bin 10160
Atlanta, GA 30308

Contact/Report To: Kristen Jurinko
Phone #: 470-217-0008
E-Mail: knjurink@southernco.com
Cc E-Mail:

Customer Project #:
Project Name: ~~*Plant Hammond/Huffaker- 1st Background~~ C.H. 2/19/26
Plant Hammond Huffaker Parce: F - 1st Background
Site Collection Info/Facility ID (as applicable):

Invoice To: Account Payable
Invoice E-Mail: georgiapowerinvoices@southernco.com
Purchase Order # (if applicable): GPCB2474-0011
Quote #:

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET

County / State origin of sample(s): Georgia

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OI), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **: 3 3 3 2 3 1

Identify Container Preservative Type***: 2 2 2 1 1 2

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Analysis Requested

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	App. III Metals	App. IV Metals	App. I Metals: Cu, Ni, Ag, V, Zn	2540C Total Dissolved Solids	300.0 - Cl, SO4, F	RAD 226/228					Sample Comment	Preservation non conformance identified for sample
HAM-GWA-24	WG	Grab			2/16/2026	1626	4			X	X	X	X	X						Temp = 19 deg C 007	
HAM-GWA-25	WG	Grab			2/17/2026	1115	4			X	X	X	X	X						Temp = 18 deg C 008	
HAM-GWA-26	WG	Grab			2/17/2026	1001	4			X	X	X	X	X						Temp = 16 deg C 009	
HAM-GWA-27	WG	Grab			2/16/2026	1705	4			X	X	X	X	X						Temp = 20 deg C 010	
HAM-GWC-32	WG	Grab			2/17/2026	1617	4			X	X	X	X	X						Temp = 18 deg C 011	
HAM-GWC-39	WG	Grab			2/17/2026	1355	4			X	X	X	X	X						Temp = 17 deg C 012	
HAM-GWA-24	WG	Grab	ZW 2/17/2026		2/16/2026	1626	2								X					Temp = 19 deg C	
HAM-GWA-25	WG	Grab			2/17/2026	1115	2								X					Temp = 18 deg C	
HAM-GWA-26	WG	Grab			2/17/2026	1001	2								X					Temp = 16 deg C	
HAM-GWA-27	WG	Grab			2/16/2026	1705	2	ZW 2/17/2026							X					Temp = 20 deg C	

Lab Use Only:
Proj. Mgr: Bonnie Vang
AcctNum / Client ID:
Table #:
Profile / Template: 16483
Prelog / Bottle Ord. ID: EZ 3367411

Additional Instructions from Pace®:
Task Code: HAM-CCR-OTH-20260215.
App III metals include B, Ca, Cl, F, SO4, TDS.
App IV metals include Sb, As, Ba, Be, Cd, Cr, Co, F, Pb, Li, Hg, Mo, Se, Tl, Ra.
App I metals include Cu, Ni, Ag, V, Zn.

Collected By: (Printed Name) Zain Velez
Signature: Zain Velez

Customer Remarks / Special Conditions / Possible Hazards:

Coolers | Thermometer ID | Correction Factor (°C): | Obs. Temp (°C) | Corrected Temp (°C) | On Ice

Relinquished by/Company (Signature)	Date/Time:	Received by/Company (Signature)	Date/Time:
Zain Velez / Geosyntec	2/18/26 1425	Logan Williams / Pace	2/18/26 1425
Logan Williams / Pace	2/18/26 1635	[illegible]	2/18/26 1635
Relinquished by/Company (Signature)	Date/Time:	Received by/Company (Signature)	Date/Time:
Relinquished by/Company (Signature)	Date/Time:	Received by/Company (Signature)	Date/Time:

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 1 of 2

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ENV-FRM-CORQ-0019_v02_110123

Pace® Location Requested (City/State):
Pace Analytical Charlotte
9800 Kincey Ave. Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name:	Georgia Power- Hammond	Contact/Report To:	Kristen Jurinko
Street Address:	241 Ralph McGill Blvd NE Bin 10160 Atlanta, GA 30308	Phone #:	470-217-0008
		E-Mail:	knjurink@southernco.com
		Cc E-Mail:	
Customer Project #:			
Project Name:	~~Plant Hammond/Huffaker -1st Background~~ C.H. 2/19/26 Plant Hammond Huffaker Parcel F - 1st Background	Invoice To:	Account Payable
Site Collection Info/Facility ID (as applicable):		Invoice E-Mail:	georgiapowerinvoices@southernco.com
		Purchase Order # (if applicable):	GPC82474-0011
		Quote #:	
Time Zone Collected:	[ ] AK [ ] PT [ ] MT [ ] CT [X] ET	County / State origin of sample(s):	Georgia
Data Deliverables:	[ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other	Regulatory Program (DW, RCRA, etc.) as applicable:	Reportable [ ] Yes [ ] No
		Rush (Pre-approval required):	[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____
		Date Results Requested:	DW PWSID # or WW Permit # as applicable:
			Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT

Specify Container Size **: 3 | 3 | 3 | 2 | 3 | 1

Identify Container Preservative Type***: 2 | 2 | 2 | 1 | 1 | 2

**Container Size: (1) 1L (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCL (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	App. III Metals	App. IV Metals	App. I Metals: Cu, Ni, Ag, V, Zn	2540C Total Dissolved Solids	300.0 - Cl, SO4, F	RAD 226/228	Sample Comment	Preservation non-conformance identified for sample.
HAM-GWC-32	WG	Grab			2/17/2026	1617	2								X	Temp = 18 deg C	
HAM-GWC 39	WG	Grab	ZW 2/17/2026		2/17/2026	1355	2	ZW 2/17/2026							X	Temp = 17 deg C	

ZW 2/17/2026

Lab Use Only:
Proj Mgr: Bonnie Vang
AcctNum / Client ID:
Table #:
Profile / Template: 16483
Prelog / Bottle Ord. ID: EZ 3283444

Additional Instructions from Pace®:
Task Code: HAM-CCR-OTH-20260216.
App III metals include B, Ca, Cl, F, SO4, TDS.
App IV metals include Sb, As, Ba, Be, Cd, Cr, Co, F, Pb, Li, Hg, Mo, Se, Tl, Ra.
App I metals include Cu, Ni, Ag, V, Zn.

Collected By:
(Printed Name) Zain Walt
Signature: Zain Walt

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: | Thermometer ID: | Correction Factor (°C): | Obs Temp (°C) | Corrected Temp (°C) | On Ice:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
Zain Walt / Geosyntec	2/18/26 1425	Ryan Williams / Pace	2/18/26 1425	
Ryan Williams / Pace	2/18/26 1635		2/18/26 1635	Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 2 of 2

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

ENV-FRM-CORQ-0019_v02_110123

Pace	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 #:

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: 7/29/26

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

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

Thermometer: ☑ IR Gun ID: 214

Type of Ice: ☑ Wet ☐ Blue ☐ None

Cooler Temp: 2.3 **Correction Factor:** Add/Subtract (°C) 0.0

Temp should be above freezing to 6°C

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

Cooler Temp Corrected (°C): 2.3

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?	☑ 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:**

*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)	BP1N	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)	DG8U-40 mL Amber Unpreserved vials (N/A)
CC																													
1		1	1		2		2																						
2		1	1		2		2																						
3		1	1		2		2																						
4		1	1		2		2																						
5		1	1		2		2																						
6		1	1		2		2																						
7		1	1		2		2																						
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.

Pace® Location Requested (City/State):
Pace Analytical Charlotte
9800 Kincey Ave. Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT – Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Georgia Power- Hammond
Street Address: 241 Ralph McGill Blvd NE
Bin 10160
Atlanta, GA 30308
Customer Project #:
Project Name: Plant Hammond-Huffaker Parcel F - 1st Background
Site Collection Info/Facility ID (as applicable):

Contact/Report To: Kristen Jurinko
Phone #: 470-217-0008
E-Mail: knjurink@southernco.com
Cc E-Mail:
Invoice To: Account Payable
Invoice E-Mail: georgiapowerinvoices@southernco.com
Purchase Order # (if applicable): GPC82474-0011
Quote #:

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET
County / State origin of sample(s): Georgia
Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other
Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No
Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other
DW PWSID # or WW Permit # as applicable:
Date Results Requested:
Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW) Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **: 3 | 3 | 3 | 2 | 3 | 1
Identify Container Preservative Type***: 2 | 2 | 2 | 1 | 1 | 2

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj. Mgr: Bonnie Vang; AcctNum / Client ID:; Table #; Profile / Template: 16483; Prelog / Bottle Ord. ID: EZ 3367411

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	App. III Metals	App. IV Metals	App. I Metals: Cu, Ni, Ag, V, Zn	2540C Total Dissolved Solids	300.0 - Cl, SO4, F	RAD 226/228	Sample Comment	Preservation non conformance identified for sample.
HAM-GWC-28	WG	Grab			2/18/2026	1716	4			X	X	X	X	X		Temp = 16 deg C 008	
HAM-GWC-31	WG	Grab			2/18/2026	1508	4			X	X	X	X	X		Temp = 16 deg C 009	
HAM-GWC-33	WG	Grab			2/19/2026	1150	4			X	X	X	X	X		Temp = 18 deg C 010	
HAM-GWC-34	WG	Grab			2/19/2026	1005	4			X	X	X	X	X		Temp = 17 deg C 011	
HAM-GWC-35	WG	Grab			2/19/2026	1620	4			X	X	X	X	X		Temp = 20 deg C 012	
HAM-GWC-36	WG	Grab			2/19/2026	1330	4			X	X	X	X	X		Temp = 19 deg C 013	
HAM-HLF-F-FD-02	WG	Grab			2/19/2026	0000	4			X	X	X	X	X		Temp = 18 deg C 014	
HAM-GWC-28	WG	Grab	ZW 2/19/2026		2/18/2026	1716	2								X	Temp = 16 deg C	
HAM-GWC-31	WG	Grab			2/18/2026	1508	2	ZW 2/19/2026							X	Temp = 16 deg C	
HAM-GWC-33	WG	Grab			2/19/2026	1150	2								X	Temp = 18 deg C	

Additional Instructions from Pace®:
Task Code: HAM-CCR-DTH-20260216.
App III metals include B, Ca, Cl, F, SO4, TDS.
App IV metals include Sb, As, Ba, Be, Cd, Cr, Co, F, Pb, Li, Hg, Mo, Se, Tl, Ra.
App I metals include Cu, Ni, Ag, V, Zn.

Collected By: (Printed Name) Zain Webb
Signature: Zain Webb

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp (°C) Corrected Temp. (°C) On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Zain Webb / Geosyntec	2/20/26 1235	Ryan Williams / Pace	2/20/26 1235
Ryan Williams / Pace	2/20/26 1505	Charles Hurle 2/20/26	1505
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:
Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 1 of 2

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ENV-FRM-CORQ-0019_v02_110123

Pace® Location Requested (City/State):
Pace Analytical Charlotte
9800 Kincey Ave. Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Georgia Power- Hammond
Street Address: 241 Ralph McGill Blvd NE
Bin 10160
Atlanta, GA 30308
Customer Project #:
Project Name: Plant Hammond-Huffaker Parcel F - 1st Background
Site Collection Info/Facility ID (as applicable):

Contact/Report To: Kristen Jurinko
Phone #: 470-217-0008
E-Mail: knjurink@southernco.com
Cc E-Mail:
Invoice To: Account Payable
Invoice E-Mail: georgiapowerinvoices@southernco.com
Purchase Order # (if applicable): GPC82474-0011
Quote #:

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET
County / State origin of sample(s): Georgia

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other
Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No
Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____
DW PWSID # or WW Permit # as applicable:
Date Results Requested:
Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW) Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT

Specify Container Size **: 3 3 3 2 3 1
Identify Container Preservative Type***: 2 2 2 1 1 2

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	App. III Metals	App. IV Metals	App. I Metals: Cu, Ni, Ag, V, Zn	2540C Total Dissolved Solids	300.0 - Cl, SO4, F	RAD 226/228	Sample Comment	Preservation non conformance identified for sample.
HAM-GWC-34	WG	Grab			2/19/2026	1005	2								X	Temp = 17 deg C	
HAM-GWC-35	WG	Grab			2/19/2026	1620	2								X	Temp = 20 deg C	
HAM-GWC-36	WG	Grab			2/19/2026	1330	2								X	Temp = 19 deg C	
HAM-HLF-F-FD-02	WG	Grab	ZW 2/19/2026		2/19/2026	0000	2	ZW 2/19/2026							X	Temp = 18 deg C	

ZW 2/19/2026

Lab Use Only: Proj. Mgr: Bonnie Vang; AcctNum / Client ID:; Table #:; Profile / Template: 16483; Prelog / Bottle Ord. ID: EZ 3367411

Additional Instructions from Pace®:
Task Code: HAM-CCR-OTH-20260216.
App III metals include B, Ca, Cl, F, SO4, TDS.
App IV metals include Sb, As, Ba, Be, Cd, Cr, Co, F, Pb, Li, Hg, Mo, Se, Tl, Ra.
App I metals include Cu, Ni, Ag, V, Zn.

Collected By: (Printed Name) Zain Webb
Signature: Zain Webb

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C) Corrected Temp. (°C) On Ice:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Zain Webb / Geosyntec	2/20/26 1235	Lian Williams / Pace	2/20/26 1235
Lian Williams / Pace	2/20/26 1505	[illegible]	2/20/26 1505

Tracking Number:
Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 2 of 2

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ENV-FRM-CORQ-0019_v02_110123©

Pace	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 #:

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: 2/23/26 CDH

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

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

Thermometer: ☑ IR Gun ID: 214

Type of Ice: ☑ Wet ☐ Blue ☐ None

Cooler Temp: 2.8 **Correction Factor:** Add/Subtract (°C) 0.0

Cooler Temp Corrected (°C): 2.8

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:** _____

*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)	AGDU-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				2																						
2		1	1				2																						
3		1	1				2																						
4		1	1				2																						
5		1	1				2																						
6		1	1				2																						
7		1	1				2																						
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.

Pace® Location Requested (City/State):
Pace Analytical Charlotte
9800 Kincey Ave Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Georgia Power- Hammond
Street Address: 241 Ralph McGill Blvd NE
Bin 10160
Atlanta, GA 30308
Customer Project #
Project Name: Plant Hammond-Huffaker Parcel F 1st Background
Site Collection Info/Facility ID (as applicable):

Contact/Report To: Kristen Jurinko
Phone #: 470-217-0008
E-Mail: knjurink@southernco.com
Cc E-Mail:
Invoice To: Account Payable
Invoice E-Mail: georgiapowerinvoices@southernco.com
Purchase Order # (if applicable): GPC82474-0011
Quote #:

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET
County / State origin of sample(s): Georgia
Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other
Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No
Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____
DW PWSID # or WW Permit # as applicable:
Date Results Requested:
Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **: 3 | 3 | 3 | 2 | 3 | 1
Identify Container Preservative Type***: 2 | 2 | 2 | 1 | 1 | 2

** Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	App. III Metals	App. IV Metals	App. I Metals: Cu, Ni, Ag, V, Zn	2540C Total Dissolved Solids	300.0 - Cl, SO4, F	RAD 226/228					Sample Comment	Preservation non-conformance identified for sample.
HAM-GWC-29	WG	Grab			2/20/2026	1454	4			X	X	X	X	X						Temp = 18 deg C 015	
HAM-GWC-37	WG	Grab	ZW 2/20/2026		2/20/2026	1320	4			X	X	X	X	X						Temp = 20 deg C 016	
HAM-GWC-38	WG	Grab			2/20/2026	1713	4			X	X	X	X	X						Temp = 19 deg C 017	
HAM-GWC-41	WG	Grab			2/20/2026	1115	4			X	X	X	X	X						Temp = 17 deg C 018	
HAM-HLF-F-EB-02	WQ	Grab			2/20/2026	1625	4			X	X	X	X	X						Temp = 19 deg C 019	
HAM-HLF-F-FB-02	WQ	Grab			2/20/2026	1620	4			X	X	X	X	X						Temp = 19 deg C 020	
HAM-HLF-F-FD-03	WG	Grab			2/20/2026	0000	4			X	X	X	X	X						Temp = 19 deg C 021	
HAM-GWC-29	WG	Grab			2/20/2026	1454	2								X					Temp = 18 deg C	
HAM-GWC-37	WG	Grab			2/20/2026	1320	2								X					Temp = 20 deg C	
HAM-GWC-38	WG	Grab			2/20/2026	1713	2	ZW 2/20/2026							X					Temp = 19 deg C	

Proj. Mgr: Bonnie Vang
AcctNum / Client ID:
Table #:
Profile / Template: 16483
Prelog / Bottle Ord. ID: EZ 3367411
Lab Use Only

Additional Instructions from Pace®:
Task Code: HAM-CCR-OTH-20260216.
App III metals include B, Ca, Cl, F, SO4, TDS.
App IV metals include Sb, As, Ba, Be, Cd, Cr, Co, F, Pb, Li, Hg, Mo, Se, Tl, Ra.
App I metals include Cu, Ni, Ag, V, Zn.

Collected By: (Printed Name) Zain Webb
Signature: Zain Webb

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp (°C) Corrected Temp (°C) On Ice:

Relinquished by/Company: (Signature)	Date/Time	Received by/Company: (Signature)	Date/Time
Zain Webb / Geosyntec	2/23/26 1015	Ryan Williams / Pace	2/23/26 1015
Ryan Williams / Pace	2/23/26 1115	Charles Hunter	2/23/26 1115

Tracking Number:
Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 1 of 2

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ENV-FRM-CORQ-0019_v02_110123 ©

Pace® Location Requested (City/State):
Pace Analytical Charlotte
9800 Kincey Ave. Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Georgia Power- Hammond
Street Address: 241 Ralph McGill Blvd NE
Bin 10160
Atlanta, GA 30308

Contact/Report To: Kristen Jurinko
Phone #: 470-217-0008
E-Mail: knjurink@southernco.com
Cc E-Mail:

Customer Project #:
Project Name: Plant Hammond-Huffaker -Parcel F 1st Background
Site Collection Info/Facility ID (as applicable):

Invoice To: Account Payable
Invoice E-Mail: georgiapowerinvoices@southernco.com
Purchase Order # (if applicable): GPC82474-0011
Quote #:

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET

County / State origin of sample(s): Georgia

Date Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **: 3 | 3 | 3 | 2 | 3 | 1

Identify Container Preservative Type***: 2 | 2 | 2 | 1 | 1 | 2

Analysis Requested

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	App. III Metals	App. IV Metals	App. I Metals: Cu, Ni, Ag, V, Zn	2540C Total Dissolved Solids	300.0 - Cl, SO4, F	RAD 226/228	Sample Comment
HAM-GWC-41	WG	Grab			2/20/2026	1115	2								X	Temp = 17 deg C
HAM-HLF-F-EB-02	WQ	Grab			2/20/2026	1625	2								X	Temp = 19 deg C
HAM-HLF-F-FB-02	WQ	Grab	ZW 2/20/2026		2/20/2026	1620	2								X	Temp = 19 deg C
HAM-HLF-F-FD-03	WG	Grab			2/20/2026	0000	2	ZW 2/20/2026							X	Temp = 19 deg C

ZW 2/20/2026

Lab Use Only
Proj. Mgr: Bonnie Vang
AcctNum / Client ID:
Table #:
Profile / Template: 16483
Prelog / Bottle Ord. ID: EZ 3367411

Preservation non-conformance identified for sample

**Container Size: (1) 1L (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL Vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Additional Instructions from Pace®:
Task Code: HAM-CCR-OTH-20260216.
App III metals include B, Ca, Cl, F, SO4, TDS.
App IV metals include Sb, As, Ba, Be, Cd, Cr, Co, F, Pb, Li, Hg, Mo, Se, Tl, Ra.
App I metals include Cu, Ni, Ag, V, Zn.

Collected By: (Printed Name) Zain Webb
Signature: Zain Webb

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: | Thermometer ID: | Correction Factor (°C): | Obs. Temp (°C) | Corrected Temp (°C) | On Ice:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Zain Webb / Geosyntec	2/23/26 1015	Ryan Williams / Pace	2/23/26 1015
Ryan Williams / Pace	2/23/26 1115	Charles Fields	2/23/26 1115
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:

Delivered by: [ ] In Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 2 of 2

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

ENV-FRM-CORQ-0019_v02_110123 ©

Pace	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 #:

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: 2/23/26 CH

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

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

Thermometer: ☑ IR Gun ID: 214

Type of Ice: ☑ Wet ☐ Blue ☐ None

Cooler Temp: 2.8 **Correction Factor:** Add/Subtract (°C) 0.0

Cooler Temp Corrected (°C): 2.8

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:** _____

*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				2																						
2		1	1				2																						
3		1	1				2																						
4		1	1				2																						
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.

Pace® Location Requested (City/State):
Pace Analytical Charlotte
9800 Kincey Ave., Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name	Georgia Power- Hammond	Contact/Report To	Kristen Jurinko
Street Address:	241 Ralph McGill Blvd NE Bin 10160 Atlanta, GA 30308	Phone #:	470-217-0008
		E-Mail	knjurink@southernco.com
		Cc E-Mail	
Customer Project #			
Project Name:	Plant Hammond-Huffaker -Parcel F 1st Background	Invoice To:	Account Payable
		Invoice E-Mail	georgiapowerinvoices@southernco.com
Site Collection Info/Facility ID (as applicable)		Purchase Order # (if applicable):	GPC82474-0011
		Quote #:	

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET

County / State origin of sample(s): Georgia

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other _____

Regulatory Program (DW, NCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **: 3 | 3 | 3 | 2 | 3 | 1

Identify Container Preservative Type***: 2 | 2 | 2 | 1 | 1 | 2

**Container Size: (1) 1L (2) 500ml (3) 250ml (4) 125ml (5) 100ml (6) 40ml (7) 1oz (8) EnCore (9) TerraCore (9) 5ml (10) Other

***Preservative Types: (1) None (2) HNO3 (3) H2SO4 (4) HCl (5) NaOH (6) Zn Acetate (7) NaHSO4 (8) Sod. Thiosulfate (9) Ascorbic Acid (10) MeOH (11) Other

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	App III Metals	App. IV Metals	App. I Metals Cu, Ni, Ag, V, Zn	2540C Total Dissolved Solids	300.0 - Cl, SO4, F	RAD 226/228	Sample Comment	Preservation non-conformance identified for sample
HAM-GWC-30	WG	Grab			2/22/2026	1247	4			X	X	X	X	X		Temp = 14 deg C 022	
HAM-GWC-30-Filtered	WG	Grab			2/22/2026	1252	4			X	X	X	X	X	C.H. 3/2/26	Temp = 14 deg C 023	
HAM-HLF-FEB 03	WQ	Grab			2/22/2026	1410	4			X	X	X	X	X		Temp = 14 deg C 024	
HAM-HLF-F-FB-03	WQ	Grab			2/22/2026	1405	4			X	X	X	X	X		Temp = 14 deg C 025	
HAM-GWC-30	WG	Grab			2/22/2026	1247	2								X	Temp = 14 deg C	
~~HAM-GWC-30-Filtered~~	~~WG~~	~~Grab~~			~~2/22/2026~~	~~1252~~	~~2~~								~~X~~	~~Temp = 14 deg C~~	
HAM-HLF-FEB 03	WQ	Grab			2/22/2026	1410	2								X	Temp = 14 deg C	
HAM-HLF-F-FB-03	WQ	Grab	ZW 2/22/2026		2/22/2026	1405	2								X	Temp = 14 deg C	
										ZW 2/22/2026						Last Sample	
ZW 2/22/2026																	

C.H. 3/2/26

Proj. Mgr: Bonnie Vang

Acct/Num / Client ID

Table #:

Profile / Template: 16483

Prelog / Bottle Ord. ID: EZ 3367411

Lab Use Only

Additional Instructions from Pace®:
Task Code: HAM-CCR-OTH-20260216
App III metals include B, Ca, Cl, F, SO4, TDS
App IV metals include Sb, As, Ba, Be, Cd, Cr, Co, F, Pb, Li, Hg, Mo, Se, Tl, Ra.
App I metals include Cu, Ni, Ag, V, Zn.

Collected By (Printed Name): Zain Velt

Signature: Zain Velt

Customer Remarks / Special Conditions / Possible Hazards:
C.H. 3/2/2026: Please remove Cl, SO4, F, and vacuum from HAM-GWC-30 Filtered

# Coolers	Thermometer ID	Correction Factor (°C)	Obs. Temp (°C)	Corrected Temp (°C)	Cooler

Relinquished by/Company (Signature)	Date/Time	Received by/Company (Signature)	Date/Time
Zain Velt / Geosyntec	2/23/26 1015	Ryan Williams / Pace	2/23/26 1015
Ryan Williams / Pace	2/23/26 1115	Charles Hunter 2/23/26	1115
Relinquished by/Company (Signature)	Date/Time	Received by/Company (Signature)	Date/Time
Relinquished by/Company (Signature)	Date/Time	Received by/Company (Signature)	Date/Time

Tracking Number:

Delivered by: [ ] In Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 1 of 1

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ENV-FRM-CORO 0019_v02_110123

Pace	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 #:

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: 2/23/26 CM

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

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

Thermometer: ☑ IR Gun ID: 214

Type of Ice: ☑ Wet ☐ Blue ☐ None

Cooler Temp: 2.8 **Correction Factor:** Add/Subtract (°C) 0.0

Cooler Temp Corrected (°C): 2.8

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? -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	

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:** _____

Pace	DC#_Title: ENV-FRM-HUN1-0083 v05_Sample Condition Upon Receipt
	Effective Date: 05/24/2024

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.
Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, 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)	AGOU-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				2																						
2																													
3																													
4																													
5																													
6																													
7																													
8																													
9																													
10																													
11																													
12																													

pH Adjustment Log for Preserved Samples

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

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

Pace® Location Requested (City/State):
Pace Analytical Charlotte
9800 Kincey Ave. Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Georgia Power- Hammond
Street Address: 241 Ralph McGill Blvd NE
Bin 10160
Atlanta, GA 30308
Customer Project #:
Project Name: Plant Hammond-Huffaker -Parcel F 1st Background
Site Collection Info/Facility ID (as applicable):

Contact/Report To: Kristen Jurinko
Phone #: 470-217-0008
E-Mail: knjurink@southernco.com
Cc E-Mail:
Invoice To: Account Payable
Invoice E-Mail: georgiapowerinvoices@southernco.com
Purchase Order # (if applicable): GPC82474-0011
Quote #:

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET
County / State origin of sample(s): Georgia

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other
Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No
Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____
DW PWSID # or WW Permit # as applicable:
Date Results Requested:
Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **: 3 | 3 | 3 | 2 | 3 | 1
Identify Container Preservative Type***: 2 | 2 | 2 | 1 | 1 | 2

**Container Size: (1) 1L (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	App. III Metals	App. IV Metals	App. I Metals: Cu, Ni, Ag, V, Zn	2540C Total Dissolved Solids	300.0 - Cl, SO4, F	RAD 226/228					Sample Comment	Preservation non-conformance identified for sample.
HAM-GWC-40	WG	Grab			2/21/2026	1212	4			X	X	X	X	X						Temp = 18 deg C 026	
HAM-GWC-40	WG	Grab	ZW 2/21/2026		2/21/2026	1212	2	ZW 2/21/2026							X					Temp = 18 deg C	

ZW 2/21/2026

Lab Use Only:
Proj. Mgr: Bonnie Vang
AcctNum / Client ID:
Table #:
Profile / Template: 16483
Prelog / Bottle Ord. ID: EZ 3367411

Additional Instructions from Pace®:
Task Code: HAM-CCR-OTH-20260216.
App III metals include B, Ca, Cl, F, SO4, TDS.
App IV metals include Sb, As, Ba, Be, Cd, Cr, Co, F, Pb, Li, Hg, Mo, Se, Tl, Ra.
App I metals include Cu, Ni, Ag, V, Zn.

Collected By: (Printed Name) Zain Webb
Signature: Zain Webb

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: Thermometer ID: Correction Factor (°C): Obs Temp (°C) Corrected Temp (°C) On Ice:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Zain Webb / Geosyntec	2/23/26 1015	Ryan Willim / Pace	2/23/26 1015
Ryan Willim / Pace	2/23/26 1115	[signature] 2/23/26	1115
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:
Delivered by: [ ] In- Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 1 of 1

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

ENV-FRM-CORQ-0019_v02_110123 ©

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

March 11, 2026

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

RE: Project: Huffaker-Parcel F-1st Bkgd-RAD
Pace Project No.: 92845525

Dear Kristen Jurinko:

Enclosed are the analytical results for sample(s) received by the laboratory between February 18, 2026 and February 23, 2026. 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 - Greensburg

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

Sincerely,

Bonnie Vang

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
Amanda Tomlinson, Geosyntec Consultants
Zain Webb, Geosyntec Consultants

REPORT OF LABORATORY ANALYSIS

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

CERTIFICATIONS

Project: Huffaker-Parcel F-1st Bkgd-RAD
Pace Project No.: 92845525

Pace Analytical Services Pennsylvania
1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANABISO/IEC 17025:2017 Rad Cert#: L24170
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 2950
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
EPA Region 3 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA010
Louisiana DEQ/TNI Certification #: 04086
Maine Certification #: 2023021
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991
Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572023-03
New Hampshire/TNI Certification #: 297622
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-015
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN02867
Texas/TNI Certification #: T104704188-22-18
Utah/TNI Certification #: PA014572223-14
USDA Soil Permit #: 525-23-67-77263
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad

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SAMPLE SUMMARY

Project: Huffaker-Parcel F-1st Bkgd-RAD
Pace Project No.: 92845525

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92845025007	**HAM-GWA-24**	Water	02/16/26 16:26	02/18/26 16:35
92845025008	**HAM-GWA-25**	Water	02/17/26 11:15	02/18/26 16:35
92845025009	**HAM-GWA-26**	Water	02/17/26 10:01	02/18/26 16:35
92845025010	**HAM-GWA-27**	Water	02/16/26 17:05	02/18/26 16:35
92845025011	**HAM-GWC-32**	Water	02/17/26 16:17	02/18/26 16:35
92845025012	**HAM-GWC-39**	Water	02/17/26 13:55	02/18/26 16:35
92845525008	**HAM-GWC-28**	Water	02/18/26 17:16	02/20/26 15:05
92845525009	**HAM-GWC-31**	Water	02/18/26 15:08	02/20/26 15:05
92845525010	**HAM-GWC-33**	Water	02/19/26 11:50	02/20/26 15:05
92845525011	**HAM-GWC-34**	Water	02/19/26 10:05	02/20/26 15:05
92845525012	**HAM-GWC-35**	Water	02/19/26 16:20	02/20/26 15:05
92845525013	**HAM-GWC-36**	Water	02/19/26 13:30	02/20/26 15:05
92845525014	**HAM-HLF-F-FD-02**	Water	02/19/26 00:00	02/20/26 15:05
92845525015	**HAM-GWC-29**	Water	02/20/26 14:54	02/23/26 11:15
92845525016	**HAM-GWC-37**	Water	02/20/26 13:20	02/23/26 11:15
92845525017	**HAM-GWC-38**	Water	02/20/26 17:13	02/23/26 11:15
92845525018	**HAM-GWC-41**	Water	02/20/26 11:15	02/23/26 11:15
92845525019	**HAM-HLF-F-EB-02**	Water	02/20/26 16:25	02/23/26 11:15
92845525020	**HAM-HLF-F-FB-02**	Water	02/20/26 16:20	02/23/26 11:15
92845525021	**HAM-HLF-F-FD-03**	Water	02/20/26 00:00	02/23/26 11:15
92845525022	**HAM-GWC-30**	Water	02/22/26 12:47	02/23/26 11:15
92845525024	**HAM-HLF-F-EB-03**	Water	02/22/26 14:10	02/23/26 11:15
92845525025	**HAM-HLF-F-FB-03**	Water	02/22/26 14:05	02/23/26 11:15
92845525026	**HAM-GWC-40**	Water	02/21/26 12:12	02/23/26 11:15

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Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: Huffaker-Parcel F-1st Bkgd-RAD
Pace Project No.: 92845525

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92845525008	**HAM-GWC-28**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92845525009	**HAM-GWC-31**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92845525010	**HAM-GWC-33**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92845525011	**HAM-GWC-34**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92845525012	**HAM-GWC-35**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92845525013	**HAM-GWC-36**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92845525014	**HAM-HLF-F-FD-02**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92845525015	**HAM-GWC-29**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92845525016	**HAM-GWC-37**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92845525017	**HAM-GWC-38**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92845525018	**HAM-GWC-41**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92845525019	**HAM-HLF-F-EB-02**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92845525020	**HAM-HLF-F-FB-02**	EPA 9315	SLC	1	PASI-PA

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SAMPLE ANALYTE COUNT

Project: Huffaker-Parcel F-1st Bkgd-RAD
Pace Project No.: 92845525

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92845525021	**HAM-HLF-F-FD-03**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92845525022	**HAM-GWC-30**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92845525024	**HAM-HLF-F-EB-03**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92845525025	**HAM-HLF-F-FB-03**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92845525026	**HAM-GWC-40**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA

PASI-PA = Pace Analytical Services - Greensburg

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

SUMMARY OF DETECTION

Project: Huffaker-Parcel F-1st Bkgd-RAD
Pace Project No.: 92845525

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92845525008	**HAM-GWC-28**					
EPA 9315	Radium-226	0.116U ± 0.194 (0.437) C:86% T:NA	pCi/L		03/09/26 08:11	
EPA 9320	Radium-228	0.603U ± 0.449 (0.895) C:75% T:91%	pCi/L		03/06/26 11:37	
Total Radium Calculation	Total Radium	0.719U ± 0.643 (1.33)	pCi/L		03/09/26 13:45	
92845525009	**HAM-GWC-31**					
EPA 9315	Radium-226	0.378U ± 0.244 (0.414) C:79% T:NA	pCi/L		03/09/26 08:11	
EPA 9320	Radium-228	0.371U ± 0.421 (0.888) C:77% T:88%	pCi/L		03/06/26 11:37	
Total Radium Calculation	Total Radium	0.749U ± 0.665 (1.30)	pCi/L		03/09/26 13:45	
92845525010	**HAM-GWC-33**					
EPA 9315	Radium-226	0.124U ± 0.182 (0.397) C:87% T:NA	pCi/L		03/09/26 08:11	
EPA 9320	Radium-228	0.0576U ± 0.404 (0.921) C:78% T:90%	pCi/L		03/06/26 11:37	
Total Radium Calculation	Total Radium	0.182U ± 0.586 (1.32)	pCi/L		03/09/26 13:45	
92845525011	**HAM-GWC-34**					
EPA 9315	Radium-226	0.386U ± 0.271 (0.507) C:89% T:NA	pCi/L		03/09/26 08:11	
EPA 9320	Radium-228	-0.146U ± 0.382 (0.907) C:77% T:88%	pCi/L		03/06/26 15:43	
Total Radium Calculation	Total Radium	0.386U ± 0.653 (1.41)	pCi/L		03/09/26 13:45	

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Huntersville, NC 28078
(704)875-9092

SUMMARY OF DETECTION

Project: Huffaker-Parcel F-1st Bkgd-RAD
Pace Project No.: 92845525

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92845525012	**HAM-GWC-35**					
EPA 9315	Radium-226	0.159U ± 0.204 (0.439) C:89% T:NA	pCi/L		03/09/26 08:12	
EPA 9320	Radium-228	0.533U ± 0.453 (0.920) C:74% T:87%	pCi/L		03/06/26 15:47	
Total Radium Calculation	Total Radium	0.692U ± 0.657 (1.36)	pCi/L		03/09/26 13:45	
92845525013	**HAM-GWC-36**					
EPA 9315	Radium-226	0.242U ± 0.202 (0.381) C:89% T:NA	pCi/L		03/09/26 08:12	
EPA 9320	Radium-228	0.0731U ± 0.422 (0.955) C:75% T:93%	pCi/L		03/06/26 15:44	
Total Radium Calculation	Total Radium	0.315U ± 0.624 (1.34)	pCi/L		03/09/26 13:45	
92845525014	**HAM-HLF-F-FD-02**					
EPA 9315	Radium-226	0.189U ± 0.210 (0.430) C:73% T:NA	pCi/L		03/09/26 08:12	
EPA 9320	Radium-228	0.373U ± 0.382 (0.791) C:76% T:87%	pCi/L		03/06/26 15:44	
Total Radium Calculation	Total Radium	0.562U ± 0.592 (1.22)	pCi/L		03/09/26 13:45	
92845525015	**HAM-GWC-29**					
EPA 9315	Radium-226	0.0773U ± 0.155 (0.359) C:89% T:NA	pCi/L		03/09/26 08:12	
EPA 9320	Radium-228	0.239U ± 0.306 (0.648) C:80% T:85%	pCi/L		03/06/26 15:44	
Total Radium Calculation	Total Radium	0.316U ± 0.461 (1.01)	pCi/L		03/09/26 13:45	

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SUMMARY OF DETECTION

Project: Huffaker-Parcel F-1st Bkgd-RAD
Pace Project No.: 92845525

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92845525016	**HAM-GWC-37**					
EPA 9315	Radium-226	0.127U ± 0.186 (0.410) C:84% T:NA	pCi/L		03/09/26 08:12	
EPA 9320	Radium-228	-0.00316U ± 0.315 (0.743) C:70% T:85%	pCi/L		03/06/26 15:44	
Total Radium Calculation	Total Radium	0.127U ± 0.501 (1.15)	pCi/L		03/09/26 13:45	
92845525017	**HAM-GWC-38**					
EPA 9315	Radium-226	0.223U ± 0.199 (0.374) C:88% T:NA	pCi/L		03/09/26 08:13	
EPA 9320	Radium-228	0.0787U ± 0.320 (0.730) C:74% T:89%	pCi/L		03/06/26 15:44	
Total Radium Calculation	Total Radium	0.302U ± 0.519 (1.10)	pCi/L		03/09/26 13:45	
92845525018	**HAM-GWC-41**					
EPA 9315	Radium-226	0.217U ± 0.207 (0.411) C:86% T:NA	pCi/L		03/09/26 09:43	
EPA 9320	Radium-228	0.255U ± 0.341 (0.727) C:74% T:89%	pCi/L		03/06/26 15:45	
Total Radium Calculation	Total Radium	0.472U ± 0.548 (1.14)	pCi/L		03/09/26 13:45	
92845525019	**HAM-HLF-F-EB-02**					
EPA 9315	Radium-226	0.0784U ± 0.208 (0.495) C:81% T:NA	pCi/L		03/09/26 09:43	
EPA 9320	Radium-228	0.583U ± 0.346 (0.626) C:75% T:88%	pCi/L		03/06/26 15:45	
Total Radium Calculation	Total Radium	0.661U ± 0.554 (1.12)	pCi/L		03/09/26 13:45	

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SUMMARY OF DETECTION

Project: Huffaker-Parcel F-1st Bkgd-RAD
Pace Project No.: 92845525

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92845525020	**HAM-HLF-F-FB-02**					
EPA 9315	Radium-226	0.0126U ± 0.174 (0.442) C:89% T:NA	pCi/L		03/09/26 09:44	
EPA 9320	Radium-228	-0.0258U ± 0.313 (0.738) C:75% T:84%	pCi/L		03/06/26 15:45	
Total Radium Calculation	Total Radium	0.0126U ± 0.487 (1.18)	pCi/L		03/09/26 13:45	
92845525021	**HAM-HLF-F-FD-03**					
EPA 9315	Radium-226	0.266U ± 0.207 (0.388) C:95% T:NA	pCi/L		03/09/26 09:44	
EPA 9320	Radium-228	0.773 ± 0.428 (0.772) C:74% T:87%	pCi/L		03/06/26 15:45	
Total Radium Calculation	Total Radium	1.04U ± 0.635 (1.16)	pCi/L		03/09/26 13:45	
92845525022	**HAM-GWC-30**					
EPA 9315	Radium-226	0.587 ± 0.341 (0.577) C:65% T:NA	pCi/L		03/09/26 09:44	
EPA 9320	Radium-228	0.659U ± 0.732 (1.53) C:69% T:44%	pCi/L		03/06/26 15:46	
Total Radium Calculation	Total Radium	1.25U ± 1.07 (2.11)	pCi/L		03/09/26 13:45	
92845525024	**HAM-HLF-F-EB-03**					
EPA 9315	Radium-226	-0.0140U ± 0.177 (0.468) C:81% T:NA	pCi/L		03/09/26 09:45	
EPA 9320	Radium-228	0.268U ± 0.393 (0.846) C:73% T:85%	pCi/L		03/06/26 15:46	
Total Radium Calculation	Total Radium	0.268U ± 0.570 (1.31)	pCi/L		03/09/26 13:45	

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SUMMARY OF DETECTION

Project: Huffaker-Parcel F-1st Bkgd-RAD
Pace Project No.: 92845525

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92845525025	**HAM-HLF-F-FB-03**					
EPA 9315	Radium-226	-0.0464U ± 0.156 (0.437) C:84% T:NA	pCi/L		03/09/26 09:44	
EPA 9320	Radium-228	0.680U ± 0.423 (0.796) C:74% T:87%	pCi/L		03/06/26 15:46	
Total Radium Calculation	Total Radium	0.680U ± 0.579 (1.23)	pCi/L		03/09/26 13:45	
92845525026	**HAM-GWC-40**					
EPA 9315	Radium-226	-0.0295U ± 0.185 (0.487) C:88% T:NA	pCi/L		03/09/26 09:45	
EPA 9320	Radium-228	0.662U ± 0.369 (0.668) C:77% T:97%	pCi/L		03/06/26 15:46	
Total Radium Calculation	Total Radium	0.662U ± 0.554 (1.16)	pCi/L		03/09/26 13:45	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Huffaker-Parcel F-1st Bkgd-RAD
Pace Project No.: 92845525

Sample: HAM-GWC-28 **Lab ID: 92845525008** Collected: 02/18/26 17:16 Received: 02/20/26 15:05 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.116U ± 0.194 (0.437)** **C:86% T:NA**	pCi/L	03/09/26 08:11	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.603U ± 0.449 (0.895)** **C:75% T:91%**	pCi/L	03/06/26 11:37	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.719U ± 0.643 (1.33)**	pCi/L	03/09/26 13:45	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Huffaker-Parcel F-1st Bkgd-RAD
Pace Project No.: 92845525

Sample: HAM-GWC-31 **Lab ID: 92845525009** Collected: 02/18/26 15:08 Received: 02/20/26 15:05 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.378U ± 0.244 (0.414)** **C:79% T:NA**	pCi/L	03/09/26 08:11	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.371U ± 0.421 (0.888)** **C:77% T:88%**	pCi/L	03/06/26 11:37	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.749U ± 0.665 (1.30)**	pCi/L	03/09/26 13:45	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Huffaker-Parcel F-1st Bkgd-RAD
Pace Project No.: 92845525

Sample: HAM-GWC-33 **Lab ID: 92845525010** Collected: 02/19/26 11:50 Received: 02/20/26 15:05 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.124U ± 0.182 (0.397) C:87% T:NA**	pCi/L	03/09/26 08:11	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.0576U ± 0.404 (0.921) C:78% T:90%**	pCi/L	03/06/26 11:37	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.182U ± 0.586 (1.32)**	pCi/L	03/09/26 13:45	7440-14-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Huffaker-Parcel F-1st Bkgd-RAD
Pace Project No.: 92845525

Sample: HAM-GWC-34 **Lab ID: 92845525011** Collected: 02/19/26 10:05 Received: 02/20/26 15:05 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.386U ± 0.271 (0.507)** **C:89% T:NA**	pCi/L	03/09/26 08:11	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**-0.146U ± 0.382 (0.907)** **C:77% T:88%**	pCi/L	03/06/26 15:43	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.386U ± 0.653 (1.41)**	pCi/L	03/09/26 13:45	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Huffaker-Parcel F-1st Bkgd-RAD
Pace Project No.: 92845525

Sample: HAM-GWC-35 **Lab ID: 92845525012** Collected: 02/19/26 16:20 Received: 02/20/26 15:05 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.159U ± 0.204 (0.439)** **C:89% T:NA**	pCi/L	03/09/26 08:12	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.533U ± 0.453 (0.920)** **C:74% T:87%**	pCi/L	03/06/26 15:47	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.692U ± 0.657 (1.36)**	pCi/L	03/09/26 13:45	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Huffaker-Parcel F-1st Bkgd-RAD
Pace Project No.: 92845525

Sample: HAM-GWC-36 **Lab ID: 92845525013** Collected: 02/19/26 13:30 Received: 02/20/26 15:05 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.242U ± 0.202 (0.381)** **C:89% T:NA**	pCi/L	03/09/26 08:12	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.0731U ± 0.422 (0.955)** **C:75% T:93%**	pCi/L	03/06/26 15:44	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.315U ± 0.624 (1.34)**	pCi/L	03/09/26 13:45	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Huffaker-Parcel F-1st Bkgd-RAD
Pace Project No.: 92845525

Sample: HAM-HLF-F-FD-02 **Lab ID: 92845525014** Collected: 02/19/26 00:00 Received: 02/20/26 15:05 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.189U ± 0.210 (0.430) C:73% T:NA**	pCi/L	03/09/26 08:12	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.373U ± 0.382 (0.791) C:76% T:87%**	pCi/L	03/06/26 15:44	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.562U ± 0.592 (1.22)**	pCi/L	03/09/26 13:45	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Huffaker-Parcel F-1st Bkgd-RAD
Pace Project No.: 92845525

Sample: HAM-GWC-29 **Lab ID: 92845525015** Collected: 02/20/26 14:54 Received: 02/23/26 11:15 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.0773U ± 0.155 (0.359) C:89% T:NA**	pCi/L	03/09/26 08:12	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.239U ± 0.306 (0.648) C:80% T:85%**	pCi/L	03/06/26 15:44	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.316U ± 0.461 (1.01)**	pCi/L	03/09/26 13:45	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Huffaker-Parcel F-1st Bkgd-RAD
Pace Project No.: 92845525

Sample: HAM-GWC-37 **Lab ID: 92845525016** Collected: 02/20/26 13:20 Received: 02/23/26 11:15 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.127U ± 0.186 (0.410)** **C:84% T:NA**	pCi/L	03/09/26 08:12	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**-0.00316U ± 0.315 (0.743)** **C:70% T:85%**	pCi/L	03/06/26 15:44	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.127U ± 0.501 (1.15)**	pCi/L	03/09/26 13:45	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Huffaker-Parcel F-1st Bkgd-RAD
Pace Project No.: 92845525

Sample: HAM-GWC-38 **Lab ID: 92845525017** Collected: 02/20/26 17:13 Received: 02/23/26 11:15 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.223U ± 0.199 (0.374)** **C:88% T:NA**	pCi/L	03/09/26 08:13	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.0787U ± 0.320 (0.730)** **C:74% T:89%**	pCi/L	03/06/26 15:44	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.302U ± 0.519 (1.10)**	pCi/L	03/09/26 13:45	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Huffaker-Parcel F-1st Bkgd-RAD
Pace Project No.: 92845525

Sample: HAM-GWC-41 **Lab ID: 92845525018** Collected: 02/20/26 11:15 Received: 02/23/26 11:15 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.217U ± 0.207 (0.411)** **C:86% T:NA**	pCi/L	03/09/26 09:43	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.255U ± 0.341 (0.727)** **C:74% T:89%**	pCi/L	03/06/26 15:45	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.472U ± 0.548 (1.14)**	pCi/L	03/09/26 13:45	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Huffaker-Parcel F-1st Bkgd-RAD
Pace Project No.: 92845525

Sample: HAM-HLF-F-EB-02 **Lab ID: 92845525019** Collected: 02/20/26 16:25 Received: 02/23/26 11:15 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.0784U ± 0.208 (0.495) C:81% T:NA**	pCi/L	03/09/26 09:43	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.583U ± 0.346 (0.626) C:75% T:88%**	pCi/L	03/06/26 15:45	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.661U ± 0.554 (1.12)**	pCi/L	03/09/26 13:45	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Huffaker-Parcel F-1st Bkgd-RAD
Pace Project No.: 92845525

Sample: HAM-HLF-F-FB-02 **Lab ID: 92845525020** Collected: 02/20/26 16:20 Received: 02/23/26 11:15 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.0126U ± 0.174 (0.442) C:89% T:NA**	pCi/L	03/09/26 09:44	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**-0.0258U ± 0.313 (0.738) C:75% T:84%**	pCi/L	03/06/26 15:45	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.0126U ± 0.487 (1.18)**	pCi/L	03/09/26 13:45	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Huffaker-Parcel F-1st Bkgd-RAD
Pace Project No.: 92845525

Sample: HAM-HLF-F-FD-03 **Lab ID: 92845525021** Collected: 02/20/26 00:00 Received: 02/23/26 11:15 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.266U ± 0.207 (0.388) C:95% T:NA**	pCi/L	03/09/26 09:44	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.773 ± 0.428 (0.772) C:74% T:87%**	pCi/L	03/06/26 15:45	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.04U ± 0.635 (1.16)**	pCi/L	03/09/26 13:45	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Huffaker-Parcel F-1st Bkgd-RAD
Pace Project No.: 92845525

Sample: HAM-GWC-30 **Lab ID: 92845525022** Collected: 02/22/26 12:47 Received: 02/23/26 11:15 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.587 ± 0.341 (0.577) C:65% T:NA**	pCi/L	03/09/26 09:44	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.659U ± 0.732 (1.53) C:69% T:44%**	pCi/L	03/06/26 15:46	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.25U ± 1.07 (2.11)**	pCi/L	03/09/26 13:45	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Huffaker-Parcel F-1st Bkgd-RAD
Pace Project No.: 92845525

Sample: HAM-HLF-F-EB-03 **Lab ID: 92845525024** Collected: 02/22/26 14:10 Received: 02/23/26 11:15 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**-0.0140U ± 0.177 (0.468)** **C:81% T:NA**	pCi/L	03/09/26 09:45	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.268U ± 0.393 (0.846)** **C:73% T:85%**	pCi/L	03/06/26 15:46	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.268U ± 0.570 (1.31)**	pCi/L	03/09/26 13:45	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Huffaker-Parcel F-1st Bkgd-RAD
Pace Project No.: 92845525

Sample: HAM-HLF-F-FB-03 **Lab ID: 92845525025** Collected: 02/22/26 14:05 Received: 02/23/26 11:15 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**-0.0464U ± 0.156 (0.437)** **C:84% T:NA**	pCi/L	03/09/26 09:44	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.680U ± 0.423 (0.796)** **C:74% T:87%**	pCi/L	03/06/26 15:46	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.680U ± 0.579 (1.23)**	pCi/L	03/09/26 13:45	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Huffaker-Parcel F-1st Bkgd-RAD
Pace Project No.: 92845525

Sample: HAM-GWC-40 **Lab ID: 92845525026** Collected: 02/21/26 12:12 Received: 02/23/26 11:15 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**-0.0295U ± 0.185 (0.487) C:88% T:NA**	pCi/L	03/09/26 09:45	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.662U ± 0.369 (0.668) C:77% T:97%**	pCi/L	03/06/26 15:46	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.662U ± 0.554 (1.16)**	pCi/L	03/09/26 13:45	7440-14-4	

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QUALITY CONTROL - RADIOCHEMISTRY

Project: Huffaker-Parcel F-1st Bkgd-RAD
Pace Project No.: 92845525

QC Batch: 802001
QC Batch Method: EPA 9320
Analysis Method: EPA 9320
Analysis Description: 9320 Radium 228
Laboratory: Pace Analytical Services - Greensburg

Associated Lab Samples: 92845525008, 92845525009, 92845525010, 92845525011, 92845525012, 92845525013, 92845525014, 92845525015, 92845525016, 92845525017, 92845525018, 92845525019, 92845525020, 92845525021, 92845525022, 92845525024, 92845525025, 92845525026

METHOD BLANK: 3913966
Matrix: Water

Associated Lab Samples: 92845525008, 92845525009, 92845525010, 92845525011, 92845525012, 92845525013, 92845525014, 92845525015, 92845525016, 92845525017, 92845525018, 92845525019, 92845525020, 92845525021, 92845525022, 92845525024, 92845525025, 92845525026

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.106 ± 0.342 (0.772) C:72% T:85%	pCi/L	03/06/26 15:43	

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.

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QUALITY CONTROL - RADIOCHEMISTRY

Project: Huffaker-Parcel F-1st Bkgd-RAD
Pace Project No.: 92845525

QC Batch: 802000
QC Batch Method: EPA 9315
Analysis Method: EPA 9315
Analysis Description: 9315 Total Radium
Laboratory: Pace Analytical Services - Greensburg

Associated Lab Samples: 92845525008, 92845525009, 92845525010, 92845525011, 92845525012, 92845525013, 92845525014, 92845525015, 92845525016, 92845525017, 92845525018, 92845525019, 92845525020, 92845525021, 92845525022, 92845525024, 92845525025, 92845525026

METHOD BLANK: 3913965
Matrix: Water

Associated Lab Samples: 92845525008, 92845525009, 92845525010, 92845525011, 92845525012, 92845525013, 92845525014, 92845525015, 92845525016, 92845525017, 92845525018, 92845525019, 92845525020, 92845525021, 92845525022, 92845525024, 92845525025, 92845525026

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.153 ± 0.213 (0.468) C:84% T:NA	pCi/L	03/09/26 08:11	

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.

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QUALIFIERS

Project: Huffaker-Parcel F-1st Bkgd-RAD
Pace Project No.: 92845525

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.

Act - Activity

Unc - Uncertainty: SDWA = 1.96 sigma count uncertainty, all other matrices = Expanded Uncertainty (95% confidence interval). Gamma Spec = Expanded Uncertainty (95.4% Confidence Interval)

(MDC) - Minimum Detectable Concentration

Trac - Tracer Recovery (%)

Carr - Carrier Recovery (%)

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

TNI - The NELAC Institute.

WORKORDER QUALIFIERS

WO: 92845525

[1] GEOSYNTEC

[2] DO NOT DILUTE. MUST MEET REPORTING LIMITS. LET PM KNOW FIRST IF THERE ARE ISSUES.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Huffaker-Parcel F-1st Bkgd-RAD
Pace Project No.: 92845525

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92845525008	**HAM-GWC-28**	EPA 9315	802000		
92845525009	**HAM-GWC-31**	EPA 9315	802000		
92845525010	**HAM-GWC-33**	EPA 9315	802000		
92845525011	**HAM-GWC-34**	EPA 9315	802000		
92845525012	**HAM-GWC-35**	EPA 9315	802000		
92845525013	**HAM-GWC-36**	EPA 9315	802000		
92845525014	**HAM-HLF-F-FD-02**	EPA 9315	802000		
92845525015	**HAM-GWC-29**	EPA 9315	802000		
92845525016	**HAM-GWC-37**	EPA 9315	802000		
92845525017	**HAM-GWC-38**	EPA 9315	802000		
92845525018	**HAM-GWC-41**	EPA 9315	802000		
92845525019	**HAM-HLF-F-EB-02**	EPA 9315	802000		
92845525020	**HAM-HLF-F-FB-02**	EPA 9315	802000		
92845525021	**HAM-HLF-F-FD-03**	EPA 9315	802000		
92845525022	**HAM-GWC-30**	EPA 9315	802000		
92845525024	**HAM-HLF-F-EB-03**	EPA 9315	802000		
92845525025	**HAM-HLF-F-FB-03**	EPA 9315	802000		
92845525026	**HAM-GWC-40**	EPA 9315	802000		
92845525008	**HAM-GWC-28**	EPA 9320	802001		
92845525009	**HAM-GWC-31**	EPA 9320	802001		
92845525010	**HAM-GWC-33**	EPA 9320	802001		
92845525011	**HAM-GWC-34**	EPA 9320	802001		
92845525012	**HAM-GWC-35**	EPA 9320	802001		
92845525013	**HAM-GWC-36**	EPA 9320	802001		
92845525014	**HAM-HLF-F-FD-02**	EPA 9320	802001		
92845525015	**HAM-GWC-29**	EPA 9320	802001		
92845525016	**HAM-GWC-37**	EPA 9320	802001		
92845525017	**HAM-GWC-38**	EPA 9320	802001		
92845525018	**HAM-GWC-41**	EPA 9320	802001		
92845525019	**HAM-HLF-F-EB-02**	EPA 9320	802001		
92845525020	**HAM-HLF-F-FB-02**	EPA 9320	802001		
92845525021	**HAM-HLF-F-FD-03**	EPA 9320	802001		
92845525022	**HAM-GWC-30**	EPA 9320	802001		
92845525024	**HAM-HLF-F-EB-03**	EPA 9320	802001		
92845525025	**HAM-HLF-F-FB-03**	EPA 9320	802001		
92845525026	**HAM-GWC-40**	EPA 9320	802001		
92845525008	**HAM-GWC-28**	Total Radium Calculation	804377		
92845525009	**HAM-GWC-31**	Total Radium Calculation	804377		
92845525010	**HAM-GWC-33**	Total Radium Calculation	804377		
92845525011	**HAM-GWC-34**	Total Radium Calculation	804377		
92845525012	**HAM-GWC-35**	Total Radium Calculation	804377		
92845525013	**HAM-GWC-36**	Total Radium Calculation	804377		
92845525014	**HAM-HLF-F-FD-02**	Total Radium Calculation	804377		
92845525015	**HAM-GWC-29**	Total Radium Calculation	804377		
92845525016	**HAM-GWC-37**	Total Radium Calculation	804377		
92845525017	**HAM-GWC-38**	Total Radium Calculation	804377		
92845525018	**HAM-GWC-41**	Total Radium Calculation	804377		
92845525019	**HAM-HLF-F-EB-02**	Total Radium Calculation	804377		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Huffaker-Parcel F-1st Bkgd-RAD
Pace Project No.: 92845525

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92845525020	**HAM-HLF-F-FB-02**	Total Radium Calculation	804377		
92845525021	**HAM-HLF-F-FD-03**	Total Radium Calculation	804377		
92845525022	**HAM-GWC-30**	Total Radium Calculation	804377		
92845525024	**HAM-HLF-F-EB-03**	Total Radium Calculation	804377		
92845525025	**HAM-HLF-F-FB-03**	Total Radium Calculation	804377		
92845525026	**HAM-GWC-40**	Total Radium Calculation	804377		

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Pace	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# : 92845525**

92845525

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: 24 June 5/4

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

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

Thermometer: ☑ IR Gun ID: 050

Type of Ice: ☑ Wet ☐ Blue ☐ None

Cooler Temp: 4.3

Correction Factor: Add/Subtract (°C) 0.0

Temp should be above freezing to 6°C

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

Cooler Temp Corrected (°C): 4.3

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: WG/WW	☑ 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	

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: _____

Qualtrax ID: 69614

Pace

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

Effective Date: 05/24/2024

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

Project #

WO#: 92845525
PM: BV Due Date: 03/12/26
CLIENT: 92- GP-HAM

Laboratory Receiving Location: Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mc

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)	BP1N	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)	AG1U-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 NaHCl (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)	AGDU-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				2 ✓																						
2		1	1				2 ✓																						
3		1	1				2 ✓																						
4		1	1				2 ✓																						
5		1	1				2 ✓																						
6		1	1				2 ✓																						
7					2																								
8					2																								
9					2																								
10					2																								
11					2																								
12					2																								

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® Location Requested (City/State):
Pace Analytical Charlotte
9800 Kincey Ave. Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name:	Georgia Power- Hammond	Contact/Report To:	Kristen Jurinko
Street Address:	241 Ralph McGill Blvd NE Bin 10160 Atlanta, GA 30308	Phone #:	470-217-0008
		E-Mail:	knjurink@southernco.com
		Cc E-Mail:	
Customer Project #:			
Project Name:	~~Plant Hammond Huffaker - 1st Background~~ C.H. 2/19/26 Plant Hammond Huffaker Parcel F - 1st Background	Invoice To:	Account Payable
		Invoice E-Mail:	georgiapowerinvoices@southernco.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	GPCB2474-0011
		Quote #:	

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET

County / State origin of sample(s): Georgia

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

* Matrix Codes (insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **: 3 | 3 | 3 | 2 | 3 | 1

Identify Container Preservative Type***: 2 | 2 | 2 | 1 | 1 | 2

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj. Mgr: Bonnie Vang; AcctNum / Client ID:; Table #:; Profile / Template: 16483; Prelog / Bottle Ord. ID: EZ 3367411

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	App. III Metals	App. IV Metals	App. I Metals: Cu, Ni, Ag, V, Zn	2540C Total Dissolved Solids	300.0 - Cl, SO4, F	RAD 226/228	Sample Comment	Preservation non conformance identified for sample
HAM-GWA-24	WG	Grab			2/16/2026	1626	4			X	X	X	X	X		Temp = 19 deg C 007	
HAM-GWA-25	WG	Grab			2/17/2026	1115	4			X	X	X	X	X		Temp = 18 deg C 008	
HAM-GWA-26	WG	Grab			2/17/2026	1001	4			X	X	X	X	X		Temp = 16 deg C 009	
HAM-GWA-27	WG	Grab			2/16/2026	1705	4			X	X	X	X	X		Temp = 20 deg C 010	
HAM-GWC-32	WG	Grab			2/17/2026	1617	4			X	X	X	X	X		Temp = 18 deg C 011	
HAM-GWC-39	WG	Grab			2/17/2026	1355	4			X	X	X	X	X		Temp = 17 deg C 012	
HAM-GWA-24	WG	Grab	ZW 2/17/2026		2/16/2026	1626	2								X	Temp = 19 deg C	
HAM-GWA-25	WG	Grab			2/17/2026	1115	2								X	Temp = 18 deg C	
HAM-GWA-26	WG	Grab			2/17/2026	1001	2								X	Temp = 16 deg C	
HAM-GWA-27	WG	Grab			2/16/2026	1705	2	ZW 2/17/2026							X	Temp = 20 deg C	

Additional Instructions from Pace®:
Task Code: HAM-CCR-OTH-20260216.
App III metals include B, Ca, Cl, F, SO4, TDS.
App IV metals include Sb, As, Ba, Be, Cd, Cr, Co, F, Pb, Li, Hg, Mo, Se, Tl, Ra.
App I metals include Cu, Ni, Ag, V, Zn.

Collected By: (Printed Name) Zain Velt
Signature: Zain Velt

Customer Remarks / Special Conditions / Possible Hazards:

Coolers | Thermometer ID | Correction Factor (°C) | Obs. Temp (°C) | Corrected Temp (°C) | On Ice:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Zain Velt / Geosyntec	2/18/26 1425	Ryan Williams / Pace	2/18/26 1425
Ryan Williams / Pace	2/18/26 1635		2/18/26 1635
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other

Page: 1 of 2

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ENV-FRM-CORQ-0019_v02_110123

Pace® Location Requested (City/State):
Pace Analytical Charlotte
9800 Kincey Ave. Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Georgia Power- Hammond
Street Address: 241 Ralph McGill Blvd NE
Bin 10160
Atlanta, GA 30308

Customer Project #:
Project Name: ~~Plant Hammond Huffaker -1st Background~~ C.H. 2/19/26
Plant Hammond Huffaker Parcel F - 1st Background
Site Collection Info/Facility ID (as applicable):

Contact/Report To: Kristen Jurinko
Phone #: 470-217-0008
E-Mail: knjurink@southernco.com
Cc E-Mail:

Invoice To: Account Payable
Invoice E-Mail: georgiapowerinvoices@southernco.com
Purchase Order # (if applicable): GPC82474-0011
Quote #:

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET

County / State origin of sample(s): Georgia

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT

Specify Container Size **: 3 3 3 2 3 1

Identify Container Preservative Type***: 2 2 2 1 1 2

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) Na2SO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	App. III Metals	App. IV Metals	App. I Metals: Cu, Ni, Ag, V, Zn	2540C Total Dissolved Solids	300.0 - Cl, SO4, F	RAD 226/228					Sample Comment	Preservation non-conformance identified for sample
HAM-GWC-32	WG	Grab			2/17/2026	1617	2								X					Temp = 18 deg C	
HAM-GWC-39	WG	Grab	ZW 2/17/2026		2/17/2026	1355	2	ZW 2/17/2026							X					Temp = 17 deg C	

Lab Use Only
Proj. Mgr: Bonnie Vang
Acct/Num / Client ID:
Table #:
Profile / Template: 16483
Prelog / Bottle Ord. ID: EZ 3283444

Additional Instructions from Pace®:
Task Code: HAM-CCR-OTH-20260216.
App III metals include B, Ca, Cl, F, SO4, TDS.
App IV metals include Sb, As, Ba, Be, Cd, Cr, Co, F, Pb, Li, Hg, Mo, Se, Tl, Ra.
App I metals include Cu, Ni, Ag, V, Zn.

Collected By:
(Printed Name) Zain Webb
Signature: Zain Webb

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: Thermometer ID: Correction Factor (°C): Obs Temp (°C) Corrected Temp (°C) On Ice:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Zain Webb / Geosyntec	2/18/26 1425	Lyan Williams / Pace	2/18/26 1425
Lyan Williams / Pace	2/18/26 1635	[signature]	2/18/26 1635
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 2 of 2

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ENV-FRM-CORO-0019_v02_110123

Pace	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 #:

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

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

Date/Initials Person Examining Contents: 7/29/26 [illegible]

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

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

Thermometer: ☑ IR Gun ID: 214

Type of Ice: ☑ Wet ☐ Blue ☐ None

Cooler Temp: 2.3 **Correction Factor:** Add/Subtract (°C) 0.0

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

Cooler Temp Corrected (°C): 2.3

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?	☑ 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:** _____

*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)	BP1N	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)	DG8U-40 mL Amber Unpreserved vials (N/A)
CC																													
1		1	1		2		2																						
2		1	1		2		2																						
3		1	1		2		2																						
4		1	1		2		2																						
5		1	1		2		2																						
6		1	1		2		2																						
7		1	1		2		2																						
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.

Pace® Location Requested (City/State):
Pace Analytical Charlotte
9800 Kincey Ave. Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Georgia Power- Hammond
Street Address: 241 Ralph McGill Blvd NE
Bin 10160
Atlanta, GA 30308
Customer Project #:
Project Name: Plant Hammond-Huffaker Parcel F - 1st Background
Site Collection Info/Facility ID (as applicable):

Contact/Report To: Kristen Jurinko
Phone #: 470-217-0008
E-Mail: knjurink@southernco.com
Cc E-Mail:
Invoice To: Account Payable
Invoice E-Mail: georgiapowerinvoices@southernco.com
Purchase Order # (if applicable): GPC82474-0011
Quote #:

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET
County / State origin of sample(s): Georgia
Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other
Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No
Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other
DW PWSID # or WW Permit # as applicable:
Date Results Requested:
Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW) Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **: 3 3 3 2 3 1
Identify Container Preservative Type***: 2 2 2 1 1 2

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	App. III Metals	App. IV Metals	App. I Metals: Cu, Ni, Ag, V, Zn	2540C Total Dissolved Solids	300.0 - Cl, SO4, F	RAD 226/228					Sample Comment	Preservation non conformance identified for sample.
HAM-GWC-28	WG	Grab			2/18/2026	1716	4			X	X	X	X	X						Temp = 16 deg C	
HAM-GWC-31	WG	Grab			2/18/2026	1508	4			X	X	X	X	X						Temp = 16 deg C	
HAM-GWC-33	WG	Grab			2/19/2026	1150	4			X	X	X	X	X						Temp = 18 deg C	
HAM-GWC-34	WG	Grab			2/19/2026	1005	4			X	X	X	X	X						Temp = 17 deg C	
HAM-GWC-35	WG	Grab			2/19/2026	1620	4			X	X	X	X	X						Temp = 20 deg C	
HAM-GWC-36	WG	Grab			2/19/2026	1330	4			X	X	X	X	X						Temp = 19 deg C	
HAM-HLF-F-FD-02	WG	Grab			2/19/2026	0000	4			X	X	X	X	X						Temp = 18 deg C	
HAM-GWC-28	WG	Grab	ZW 2/19/2026		2/18/2026	1716	2								X					Temp = 16 deg C 008	
HAM-GWC-31	WG	Grab			2/18/2026	1508	2	ZW 2/19/2026							X					Temp = 16 deg C 009	
HAM-GWC-33	WG	Grab			2/19/2026	1150	2								X					Temp = 18 deg C 010	

Lab Use Only: Proj. Mgr: Bonnie Vang; AcctNum / Client ID:; Table #; Profile / Template: 16483; Prelog / Bottle Ord. ID: EZ 3367411

Additional Instructions from Pace®:
Task Code: HAM-CCR-OTH-20260216.
App III metals include B, Ca, Cl, F, SO4, TDS.
App IV metals include Sb, As, Ba, Be, Cd, Cr, Co, F, Pb, Li, Hg, Mo, Se, Tl, Ra.
App I metals include Cu, Ni, Ag, V, Zn.

Collected By:
(Printed Name) Zain Webb
Signature: Zain Webb

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C) Corrected Temp. (°C) On Ice.

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Zain Webb / Geosyntec	2/20/26 1235	Ryan Williams / Pace	2/20/26 1235
Ryan Williams / Pace	2/20/26 1505	Charles Hunter 2/20/26	1505
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:
Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 1 of 2

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ENV-FRM-CORQ-0019_v02_110123

Pace® Location Requested (City/State):
Pace Analytical Charlotte
9800 Kincey Ave. Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Georgia Power- Hammond
Street Address: 241 Ralph McGill Blvd NE
Bin 10160
Atlanta, GA 30308
Customer Project #:
Project Name: Plant Hammond-Huffaker Parcel F - 1st Background
Site Collection Info/Facility ID (as applicable):

Contact/Report To: Kristen Jurinko
Phone #: 470-217-0008
E-Mail: knjurink@southernco.com
Cc E-Mail:
Invoice To: Account Payable
Invoice E-Mail: georgiapowerinvoices@southernco.com
Purchase Order # (if applicable): GPC82474-0011
Quote #:

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET
County / State origin of sample(s): Georgia
Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other
Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No
Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____
DW PWSID # or WW Permit # as applicable:
Date Results Requested:
Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW) Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT

Specify Container Size **: 3 3 3 2 3 1
Identify Container Preservative Type***: 2 2 2 1 1 2

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	App. III Metals	App. IV Metals	App. I Metals: Cu, Ni, Ag, V, Zn	2540C Total Dissolved Solids	300.0 - Cl, SO4, F	RAD 226/228	Sample Comment	Preservation non conformance identified for sample.
HAM-GWC-34	WG	Grab			2/19/2026	1005	2								X	Temp = 17 deg C 011	
HAM-GWC-35	WG	Grab			2/19/2026	1620	2								X	Temp = 20 deg C 012	
HAM-GWC-36	WG	Grab			2/19/2026	1330	2								X	Temp = 19 deg C 013	
HAM-HLF-F-FD-02	WG	Grab	ZW 2/19/2026		2/19/2026	0000	2	ZW 2/19/2026							X	Temp = 18 deg C 014	

ZW 2/19/2026

Lab Use Only: Proj. Mgr: Bonnie Vang; AcctNum / Client ID:; Table #:; Profile / Template: 16483; Prelog / Bottle Ord. ID: EZ 3367411

Additional Instructions from Pace®:
Task Code: HAM-CCR-OTH-20260216.
App III metals include B, Ca, Cl, F, SO4, TDS.
App IV metals include Sb, As, Ba, Be, Cd, Cr, Co, F, Pb, Li, Hg, Mo, Se, Tl, Ra.
App I metals include Cu, Ni, Ag, V, Zn.

Collected By: (Printed Name) Zain Webb
Signature: Zain Webb

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp (°C) Corrected Temp (°C) On Ice:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Zain Webb / Geosyntec	2/20/26 1235	Lilian Williams / Pace	2/20/26 1235
Lilian Williams / Pace	2/20/26 1505	Charles Pace	2/20/26 1505

Tracking Number:
Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 2 of 2

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ENV-FRM-CORQ-0019_v02_110123 ©

Pace	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 #:

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

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

Date/Initials Person Examining Contents: 2/23/26 CMF

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

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

Thermometer: ☑ IR Gun ID: 214

Type of Ice: ☑ Wet ☐ Blue ☐ None

Cooler Temp: 2.8 **Correction Factor:** Add/Subtract (°C) 0.0

Cooler Temp Corrected (°C): 2.8

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:** _____

*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)	AGDU-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				2																						
2		1	1				2																						
3		1	1				2																						
4		1	1				2																						
5		1	1				2																						
6		1	1				2																						
7		1	1				2																						
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.

Pace® Location Requested (City/State):
Pace Analytical Charlotte
9800 Kincey Ave Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Georgia Power- Hammond
Street Address: 241 Ralph McGill Blvd NE
Bin 10160
Atlanta, GA 30308
Customer Project #
Project Name: Plant Hammond-Huffaker Parcel F 1st Background
Site Collection Info/Facility ID (as applicable):

Contact/Report To: Kristen Jurinko
Phone #: 470-217-0008
E-Mail: knjurink@southernco.com
Cc E-Mail:
Invoice To: Account Payable
Invoice E-Mail: georgiapowerinvoices@southernco.com
Purchase Order # (if applicable): GPC82474-0011
Quote #:

Time Zone Collected: [ ]AK [ ]PT [ ]MT [ ]CT [X]ET
County / State origin of sample(s): Georgia
Data Deliverables: [ ]Level II [ ]Level III [ ]Level IV [ ]EQUIS [ ]Other
Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ]Yes [ ]No
Rush (Pre-approval required): [ ]Same Day [ ]1 Day [ ]2 Day [ ]3 Day [ ]Other
DW PWSID # or WW Permit # as applicable:
Date Results Requested:
Field Filtered (if applicable): [ ]Yes [ ]No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **: 3 3 3 2 3 1
Identify Container Preservative Type***: 2 2 2 1 1 2

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) terraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) Na2S2O3, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	App. III Metals	App. IV Metals	App. I Metals: Cu, Ni, Ag, V, Zn	2540C Total Dissolved Solids	300.0 - Cl, SO4, F	RAD 226/228					Sample Comment	Preservation non-conformance identified for sample.
HAM-GWC-29	WG	Grab			2/20/2026	1454	4			X	X	X	X	X						Temp = 18 deg C	
HAM-GWC-37	WG	Grab	ZW 2/20/2026		2/20/2026	1320	4			X	X	X	X	X						Temp = 20 deg C	
HAM-GWC-38	WG	Grab			2/20/2026	1713	4			X	X	X	X	X						Temp = 19 deg C	
HAM-GWC-41	WG	Grab			2/20/2026	1115	4			X	X	X	X	X						Temp = 17 deg C	
HAM-HLF-F-EB-02	WQ	Grab			2/20/2026	1625	4			X	X	X	X	X						Temp = 19 deg C	
HAM-HLF-F-FB-02	WQ	Grab			2/20/2026	1620	4			X	X	X	X	X						Temp = 19 deg C	
HAM-HLF-F-FD-03	WG	Grab			2/20/2026	0000	4			X	X	X	X	X						Temp = 19 deg C	
HAM-GWC-29	WG	Grab			2/20/2026	1454	2								X					Temp = 18 deg C 015	
HAM-GWC-37	WG	Grab			2/20/2026	1320	2								X					Temp = 20 deg C 016	
HAM-GWC-38	WG	Grab			2/20/2026	1713	2	ZW 2/20/2026							X					Temp = 19 deg C 017	

Lab Use Only: Proj. Mgr: Bonnie Vang; AcctNum / Client ID:; Table #:; Profile / Template: 16483; Prelog / Bottle Ord. ID: EZ 3367411

Additional Instructions from Pace®:
Task Code: HAM-CCR-OTH-20260216.
App III metals include B, Ca, Cl, F, SO4, TDS.
App IV metals include Sb, As, Ba, Be, Cd, Cr, Co, F, Pb, Li, Hg, Mo, Se, Tl, Ra.
App I metals include Cu, Ni, Ag, V, Zn.

Collected By: (Printed Name) Zain Webb
Signature: Zain Webb

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: Thermometer ID: Correction Factor (°C): Obs Temp (°C) Corrected Temp (°C) On Ice:

Relinquished by/Company: (Signature)	Date/Time	Received by/Company: (Signature)	Date/Time
Zain Webb / Geosyntec	2/23/26 1015	Ryan Williams / Pace	2/23/26 1015
Ryan Williams / Pace	2/23/26 1115	Phuka Hunt	2/23/26 1115

Tracking Number:
Delivered by: [ ]In-Person [ ]Courier [ ]FedEX [ ]UPS [ ]Other

Page: 1 of 2

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

ENV-FRM-CORQ-0019_v02_110123

Pace® Location Requested (City/State):
Pace Analytical Charlotte
9800 Kincey Ave. Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name:	Georgia Power- Hammond	Contact/Report To:	Kristen Jurinko
Street Address:	241 Ralph McGill Blvd NE Bin 10160 Atlanta, GA 30308	Phone #:	470-217-0008
		E-Mail:	knjurink@southernco.com
		Cc E-Mail:	
Customer Project #:			
Project Name:	Plant Hammond-Huffaker -Parcel F 1st Background	Invoice To:	Account Payable
		Invoice E-Mail:	georgiapowerinvoices@southernco.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	GPC82474-0011
		Quote #:	
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET		County / State origin of sample(s):	Georgia
Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other	Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No **Rush (Pre-approval required):** [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____ **Date Results Requested:**		DW PWSID # or WW Permit # as applicable: Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **: 3 3 3 2 3 1

Identify Container Preservative Type***: 2 2 2 1 1 2

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	App. III Metals	App. IV Metals	App. I Metals: Cu, Ni, Ag, V, Zn	2540C Total Dissolved Solids	300.0 - Cl, SO4, F	RAD 226/228	Sample Comment	Preservation non-conformance identified for sample
HAM-GWC-41	WG	Grab			2/20/2026	1115	2								X	Temp = 17 deg C 018	
HAM-HLF-F-EB-02	WQ	Grab			2/20/2026	1625	2								X	Temp = 19 deg C 019	
HAM-HLF-F-FB-02	WQ	Grab	ZW 2/20/2026		2/20/2026	1620	2								X	Temp = 19 deg C 020	
HAM-HLF-F-FD-03	WG	Grab			2/20/2026	0000	2	ZW 2/20/2026							X	Temp = 19 deg C 021	

ZW 2/20/2026

Lab Use Only: Proj. Mgr: Bonnie Vang; AcctNum / Client ID:; Table #:; Profile / Template: 16483; Prelog / Bottle Ord. ID: EZ 3367411

Additional Instructions from Pace®:
Task Code: HAM-CCR-OTH-20260216.
App III metals include B, Ca, Cl, F, SO4, TDS.
App IV metals include Sb, As, Ba, Be, Cd, Cr, Co, F, Pb, Li, Hg, Mo, Se, Tl, Ra.
App I metals include Cu, Ni, Ag, V, Zn.

Collected By: (Printed Name) Zain Vebb
Signature: Zain Vebb

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C) Corrected Temp. (°C) On Ice:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Zain Vebb / Geosyntec	2/23/26 1015	Ryan Williams / Pace	2/23/26 1015
Ryan Williams / Pace	2/23/26 1115	Charles Hicks 2/23/26	2/23/26 1115
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 2 of 2

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

ENV-FRM-CORQ-0019_v02_110123 ©

Pace	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 #:

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: 2/23/26 EJ

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

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

Thermometer: ☑ IR Gun ID: 214

Type of Ice: ☑ Wet ☐ Blue ☐ None

Cooler Temp: 2.8 **Correction Factor:** Add/Subtract (°C) 0.0

Cooler Temp Corrected (°C): 2.8

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? -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	

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:** _____

*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				2																						
2		1	1				2																						
3		1	1				2																						
4		1	1				2																						
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.

Pace® Location Requested (City/State):
Pace Analytical Charlotte
9800 Kincey Ave. Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Georgia Power- Hammond
Street Address: 241 Ralph McGill Blvd NE
Bin 10160
Atlanta, GA 30308

Contact/Report To: Kristen Jurinko
Phone #: 470-217-0008
E-Mail: knjurink@southernco.com
Cc E-Mail:

Customer Project #:
Project Name: Plant Hammond-Huffaker -Parcel F 1st Background
Site Collection Info/Facility ID (as applicable):

Invoice To: Account Payable
Invoice E-Mail: georgiapowerinvoices@southernco.com
Purchase Order # (if applicable): GPC82474-0011
Quote #:

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET

County / State origin of sample(s): Georgia

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **: 3 3 3 2 3 1

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

Identify Container Preservative Type***: 2 2 2 1 1 2

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Analysis Requested

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	App. III Metals	App. IV Metals	App. I Metals: Cu, Ni, Ag, V, Zn	2540C Total Dissolved Solids	300.0 - Cl, SO4, F	RAD 226/228					Sample Comment	Preservation non-conformance identified for sample.
HAM-GWC-30	WG	Grab			2/22/2026	1247	4			X	X	X	X	X						Temp = 14 deg C	
HAM-GWC-30-Filtered	WG	Grab			2/22/2026	1252	4			X	X	X	X	X						Temp = 14 deg C	
HAM-HLF-F-EB-03	WQ	Grab			2/22/2026	1410	4			X	X	X	X	X						Temp = 14 deg C	
HAM-HLF-F-FB-03	WQ	Grab			2/22/2026	1405	4			X	X	X	X	X						Temp = 14 deg C	
HAM-GWC-30	WG	Grab			2/22/2026	1247	2								X					Temp = 14 deg C 022	
HAM-GWC-30-Filtered	WG	Grab			2/22/2026	1252	2								X					Temp = 14 deg C 023	
HAM-HLF-F-EB-03	WQ	Grab			2/22/2026	1410	2								X					Temp = 14 deg C 024	
HAM-HLF-F-FB-03	WQ	Grab	ZW 2/22/2026		2/22/2026	1405	2								X					Temp = 14 deg C 025	
										ZW 2/22/2026										Last Sample	
ZW 2/22/2026																					

Lab Use Only:
Proj. Mgr: Bonnie Vang
AcctNum / Client ID:
Table #:
Profile / Template: 16483
Prelog / Bottle Ord. ID: EZ 3367411

Additional Instructions from Pace®:
Task Code: HAM-CCR-OTH-20260216.
App III metals include B, Ca, Cl, F, SO4, TDS.
App IV metals include Sb, As, Ba, Be, Cd, Cr, Co, F, Pb, Li, Hg, Mo, Se, Tl, Ra.
App I metals include Cu, Ni, Ag, V, Zn.

Collected By: (Printed Name) Zain Webb
Signature: Zain Webb

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C) Corrected Temp. (°C) On Ice:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Zain Webb / Geosyntec	2/23/26 1015	Lyan William / Pace	2/23/26 1015
Lyan William / Pace	2/23/26 1115	Charles Hunter 2/23/26	1115

Tracking Number:
Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 1 of 1

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

Pace	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 #:

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: 2/23/26 CM

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

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

Thermometer: ☑ IR Gun ID: 214

Type of Ice: ☑ Wet ☐ Blue ☐ None

Cooler Temp: 2.8 **Correction Factor:** Add/Subtract (°C) 0.0

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

Cooler Temp Corrected (°C): 2.8

USDA Regulated Soil (☐ N/A, water sample)
Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? ☐ Yes ☐ No

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

				Comments/Discrepancy:
Chain of Custody Present?	☑ 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	

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:** _____

*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		1	1				2																						
2																													
3																													
4																													
5																													
6																													
7																													
8																													
9																													
10																													
11																													
12																													

pH Adjustment Log for Preserved Samples

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

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

Pace® Location Requested (City/State):
Pace Analytical Charlotte
9800 Kincey Ave. Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Georgia Power- Hammond
Street Address: 241 Ralph McGill Blvd NE
Bin 10160
Atlanta, GA 30308
Customer Project #:
Project Name: Plant Hammond-Huffaker -Parcel F 1st Background
Site Collection Info/Facility ID (as applicable):

Contact/Report To: Kristen Jurinko
Phone #: 470-217-0008
E-Mail: knjurink@southernco.com
Cc E-Mail:
Invoice To: Account Payable
Invoice E-Mail: georgiapowerinvoices@southernco.com
Purchase Order # (if applicable): GPC82474-0011
Quote #:

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET
County / State origin of sample(s): Georgia

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other
Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No
Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____
DW PWSID # or WW Permit # as applicable:
Date Results Requested:
Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **: 3 | 3 | 3 | 2 | 3 | 1
Identify Container Preservative Type***: 2 | 2 | 2 | 1 | 1 | 2

**Container Size: (1) 1L (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	App. III Metals	App. IV Metals	App. I Metals: Cu, Ni, Ag, V, Zn	2540C Total Dissolved Solids	300.0 - Cl, SO4, F	RAD 226/228	Sample Comment
HAM-GWC-40	WG	Grab			2/21/2026	1212	4			X	X	X	X	X		Temp = 18 deg C
HAM-GWC-40	WG	Grab	ZW 2/21/2026		2/21/2026	1212	2	ZW 2/21/2026							X	Temp = 18 deg C 026

ZW 2/21/2026

Lab Use Only:
Proj. Mgr: Bonnie Vang
AcctNum / Client ID:
Table #:
Profile / Template: 16483
Prelog / Bottle Ord. ID: EZ 3367411

Preservation non-conformance identified for sample.

Additional Instructions from Pace®:
Task Code: HAM-CCR-DTH-20260216.
App III metals include B, Ca, Cl, F, SO4, TDS.
App IV metals include Sb, As, Ba, Be, Cd, Cr, Co, F, Pb, Li, Hg, Mo, Se, Tl, Ra.
App I metals include Cu, Ni, Ag, V, Zn.

Collected By: (Printed Name) Zain Webb
Signature: Zain Webb

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: Thermometer ID: Correction Factor (°C): Obs Temp (°C) Corrected Temp (°C) On Ice:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Zain Webb / Geosyntec	2/23/26 1015	Ryan Willim / Pace	2/23/26 1015
Ryan Willim / Pace	2/23/26 1115	[signature]	2/23/26 1115
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:
Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 1 of 1

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

ENV-FRM-CORQ-0019_v02_110123 ©

Quality Control Sample Performance Assessment

Pace Analytical™
www.pacelabs.com

Test:	Ra-228
Analyst:	VAL
Date:	2/28/2026
Worklist:	89613
Matrix:	WT

Analyst Must Manually Enter All Fields Highlighted in Yellow.

Method Blank Assessment	
MB Sample ID	3913966
MB concentration:	0.106
M/B 2 Sigma CSU:	0.342
MB MDC:	0.772
MB Numerical Performance Indicator:	0.61
MB Status vs Numerical Indicator:	Pass
MB Status vs. MDC:	Pass

Laboratory Control Sample Assessment	LCSD (Y or N)?	Y
	LCS89613	LCSD89613
Count Date:	3/6/2026	3/6/2026
Spike I.D.:	23-043	23-043
Decay Corrected Spike Concentration (pCi/mL):	29.552	29.552
Volume Used (mL):	0.10	0.10
Aliquot Volume (L, g, F):	0.818	0.815
Target Conc. (pCi/L, g, F):	3.614	3.626
Uncertainty (Calculated):	0.177	0.178
Result (pCi/L, g, F):	3.985	4.005
LCS/LCSD 2 Sigma CSU (pCi/L, g, F):	0.938	0.958
Numerical Performance Indicator:	0.76	0.76
Percent Recovery:	110.25%	110.46%
Status vs Numerical Indicator:	N/A	N/A
Status vs Recovery:	Pass	Pass
Upper % Recovery Limits:	135%	135%
Lower % Recovery Limits:	60%	60%

Sample Matrix Spike Control Assessment	MS/MSD 1	MS/MSD 2
Sample Collection Date:		
Sample I.D.		
Sample MS I.D.		
Sample MSD I.D.		
Spike I.D.:		
MS/MSD Decay Corrected Spike Concentration (pCi/mL):		
Spike Volume Used in MS (mL):		
Spike Volume Used in MSD (mL):		
MS Aliquot (L, g, F):		
MS Target Conc.(pCi/L, g, F):		
MSD Aliquot (L, g, F):		
MSD Target Conc. (pCi/L, g, F):		
MS Spike Uncertainty (calculated):		
MSD Spike Uncertainty (calculated):		
Sample Result:		
Sample Result 2 Sigma CSU (pCi/L, g, F):		
Sample Matrix Spike Result:		
Matrix Spike Result 2 Sigma CSU (pCi/L, g, F):		
Sample Matrix Spike Duplicate Result:		
Matrix Spike Duplicate Result 2 Sigma CSU (pCi/L, g, F):		
MS Numerical Performance Indicator:		
MSD Numerical Performance Indicator:		
MS Percent Recovery:		
MSD Percent Recovery:		
MS Status vs Numerical Indicator:		
MSD Status vs Numerical Indicator:		
MS Status vs Recovery:		
MSD Status vs Recovery:		
MS/MSD Upper % Recovery Limits:		
MS/MSD Lower % Recovery Limits:		

Duplicate Sample Assessment		
Sample I.D.:	LCS89613	Enter Duplicate sample IDs if other than LCS/LCSD in the space below.
Duplicate Sample I.D.	LCSD89613	
Sample Result (pCi/L, g, F):	3.985	
Sample Result 2 Sigma CSU (pCi/L, g, F):	0.938	
Sample Duplicate Result (pCi/L, g, F):	4.005	
Sample Duplicate Result 2 Sigma CSU (pCi/L, g, F):	0.958	
Are sample and/or duplicate results below RL?	NO	
Duplicate Numerical Performance Indicator:	-0.029	
(Based on the LCS/LCSD Percent Recoveries) Duplicate RPD:	0.18%	
Duplicate Status vs Numerical Indicator:	Pass	
Duplicate Status vs RPD:	Pass	
% RPD Limit:	36%	

Matrix Spike/Matrix Spike Duplicate Sample Assessment		
Sample I.D.		
Sample MS I.D.		
Sample MSD I.D.		
Sample Matrix Spike Result:		
Matrix Spike Result 2 Sigma CSU (pCi/L, g, F):		
Sample Matrix Spike Duplicate Result:		
Matrix Spike Duplicate Result 2 Sigma CSU (pCi/L, g, F):		
Duplicate Numerical Performance Indicator:		
(Based on the Percent Recoveries) MS/ MSD Duplicate RPD:		
MS/ MSD Duplicate Status vs Numerical Indicator:		
MS/ MSD Duplicate Status vs RPD:		
% RPD Limit:		

Evaluation of duplicate precision is not applicable if either the sample or duplicate results are below the MDC.

Comments:

MJ 3/9/26

TM 3.9.26

Quality Control Sample Performance Assessment

Pace Analytical™ www.pacelabs.com

Test:	Ra-226
Analyst:	SLC
Date:	3/6/2026
Worklist:	89612
Matrix:	WT

Analyst Must Manually Enter All Fields Highlighted in Yellow.

Method Blank Assessment	
MB Sample ID	3913965
MB concentration:	0.153
M/B 2 Sigma CSU:	0.213
MB MDC:	0.468
MB Numerical Performance Indicator:	1.40
MB Status vs Numerical Indicator:	Pass
MB Status vs. MDC:	N/A

Laboratory Control Sample Assessment	LCSD (Y or N)?	Y
	LCS89612	LCSD89612
Count Date:	3/9/2026	3/9/2026
Spike I.D.:	23-014	23-014
Decay Corrected Spike Concentration (pCi/mL):	25.004	25.004
Volume Used (mL):	0.10	0.10
Aliquot Volume (L, g, F):	0.507	0.504
Target Conc. (pCi/L, g, F):	4.936	4.961
Uncertainty (Calculated):	0.232	0.233
Result (pCi/L, g, F):	5.371	4.836
LCS/LCSD 2 Sigma CSU (pCi/L, g, F):	1.024	0.953
Numerical Performance Indicator:	0.81	-0.25
Percent Recovery:	108.81%	97.48%
Status vs Numerical Indicator:	Pass	Pass
Status vs Recovery:	N/A	N/A
Upper % Recovery Limits:	125%	125%
Lower % Recovery Limits:	75%	75%

Sample Matrix Spike Control Assessment	MS/MSD 1	MS/MSD 2
Sample Collection Date:		
Sample I.D.		
Sample MS I.D.		
Sample MSD I.D.		
Spike I.D.:		
MS/MSD Decay Corrected Spike Concentration (pCi/mL):		
Spike Volume Used in MS (mL):		
Spike Volume Used in MSD (mL):		
MS Aliquot (L, g, F):		
MS Target Conc.(pCi/L, g, F):		
MSD Aliquot (L, g, F):		
MSD Target Conc. (pCi/L, g, F):		
MS Spike Uncertainty (calculated):		
MSD Spike Uncertainty (calculated):		
Sample Result:		
Sample Result 2 Sigma CSU (pCi/L, g, F):		
Sample Matrix Spike Result:		
Matrix Spike Result 2 Sigma CSU (pCi/L, g, F):		
Sample Matrix Spike Duplicate Result:		
Matrix Spike Duplicate Result 2 Sigma CSU (pCi/L, g, F):		
MS Numerical Performance Indicator:		
MSD Numerical Performance Indicator:		
MS Percent Recovery:		
MSD Percent Recovery:		
MS Status vs Numerical Indicator:		
MSD Status vs Numerical Indicator:		
MS Status vs Recovery:		
MSD Status vs Recovery:		
MS/MSD Upper % Recovery Limits:		
MS/MSD Lower % Recovery Limits:		

Duplicate Sample Assessment		
Sample I.D.:	LCS89612	92845525026
Duplicate Sample I.D.	LCSD89612	92845525026DUP
Sample Result (pCi/L, g, F):	5.371	-0.030
Sample Result 2 Sigma CSU (pCi/L, g, F):	1.024	0.185
Sample Duplicate Result (pCi/L, g, F):	4.836	0.142
Sample Duplicate Result 2 Sigma CSU (pCi/L, g, F):	0.953	0.213
Are sample and/or duplicate results below RL?	NO	See Below ##
Duplicate Numerical Performance Indicator:	0.748	-1.190
(Based on the LCS/LCSD Percent Recoveries) Duplicate RPD:	10.99%	305.08%
Duplicate Status vs Numerical Indicator:	Pass	Pass
Duplicate Status vs RPD:	N/A	N/A
% RPD Limit:	25%	25%

Matrix Spike/Matrix Spike Duplicate Sample Assessment		
Sample I.D.		
Sample MS I.D.		
Sample MSD I.D.		
Sample Matrix Spike Result:		
Matrix Spike Result 2 Sigma CSU (pCi/L, g, F):		
Sample Matrix Spike Duplicate Result:		
Matrix Spike Duplicate Result 2 Sigma CSU (pCi/L, g, F):		
Duplicate Numerical Performance Indicator:		
(Based on the Percent Recoveries) MS/ MSD Duplicate RPD:		
MS/ MSD Duplicate Status vs Numerical Indicator:		
MS/ MSD Duplicate Status vs RPD:		
% RPD Limit:		

Evaluation of duplicate precision is not applicable if either the sample or duplicate results are below the MDC.

Comments:

M 3/9/26

VAM 3/9/26

May 2026

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

May 07, 2026

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

RE: Project: Hammond-HLF-ABE-Resample
Pace Project No.: 92857972

Dear Kristen Jurinko:

Enclosed are the analytical results for sample(s) received by the laboratory on May 04, 2026. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Asheville

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

Sincerely,

Bonnie Vang

Bonnie Vang
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
Amanda Tomlinson, Geosyntec Consultants
Zain Webb, Geosyntec Consultants

REPORT OF LABORATORY ANALYSIS

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

CERTIFICATIONS

Project:	Hammond-HLF-ABE-Resample
Pace Project No.:	92857972

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

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SAMPLE SUMMARY

Project: Hammond-HLF-ABE-Resample
Pace Project No.: 92857972

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92857972001	**HAM-GWC-21**	Water	05/01/26 09:43	05/04/26 10:12
92857972002	**HAM-HLF-ABE--FD-01**	Water	05/01/26 00:00	05/04/26 10:12
92857972003	**HAM-HLF-ABE--EB-01**	Water	05/01/26 11:45	05/04/26 10:12
92857972004	**HAM-HLF-ABE--FB-01**	Water	05/01/26 11:40	05/04/26 10:12

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SAMPLE ANALYTE COUNT

Project: Hammond-HLF-ABE-Resample
Pace Project No.: 92857972

Lab ID	Sample ID	Method	Analysts	Analytes Reported
92857972001	**HAM-GWC-21**	EPA 300.0 Rev 2.1 1993	CDC	1
92857972002	**HAM-HLF-ABE--FD-01**	EPA 300.0 Rev 2.1 1993	CDC	1
92857972003	**HAM-HLF-ABE--EB-01**	EPA 300.0 Rev 2.1 1993	CDC	1
92857972004	**HAM-HLF-ABE--FB-01**	EPA 300.0 Rev 2.1 1993	CDC	1

PASI-A = Pace Analytical Services - Asheville

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Huntersville, NC 28078
(704)875-9092

SUMMARY OF DETECTION

Project: Hammond-HLF-ABE-Resample
Pace Project No.: 92857972

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92857972001	**HAM-GWC-21**					
EPA 300.0 Rev 2.1 1993	Chloride	10.3	mg/L	1.0	05/05/26 05:39	
92857972002	**HAM-HLF-ABE--FD-01**					
EPA 300.0 Rev 2.1 1993	Chloride	10.3	mg/L	1.0	05/05/26 05:53	

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Huntersville, NC 28078
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ANALYTICAL RESULTS

Project: Hammond-HLF-ABE-Resample
Pace Project No.: 92857972

Sample: HAM-GWC-21 **Lab ID: 92857972001** Collected: 05/01/26 09:43 Received: 05/04/26 10:12 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**10.3**	mg/L	1.0	0.60	1		05/05/26 05:39	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
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ANALYTICAL RESULTS

Project: Hammond-HLF-ABE-Resample
Pace Project No.: 92857972

Sample: HAM-HLF-ABE--FD-01 **Lab ID: 92857972002** Collected: 05/01/26 00:00 Received: 05/04/26 10:12 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**10.3**	mg/L	1.0	0.60	1		05/05/26 05:53	16887-00-6	

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Huntersville, NC 28078
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ANALYTICAL RESULTS

Project: Hammond-HLF-ABE-Resample
Pace Project No.: 92857972

Sample: HAM-HLF-ABE--EB-01 **Lab ID: 92857972003** Collected: 05/01/26 11:45 Received: 05/04/26 10:12 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	ND	mg/L	1.0	0.60	1		05/05/26 00:35	16887-00-6	

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ANALYTICAL RESULTS

Project: Hammond-HLF-ABE-Resample
Pace Project No.: 92857972

Sample: HAM-HLF-ABE--FB-01 **Lab ID: 92857972004** Collected: 05/01/26 11:40 Received: 05/04/26 10:12 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	ND	mg/L	1.0	0.60	1		05/05/26 00:49	16887-00-6	

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(704)875-9092

QUALITY CONTROL DATA

Project: Hammond-HLF-ABE-Resample
Pace Project No.: 92857972

QC Batch: 1007787
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: 92857972001, 92857972002, 92857972003, 92857972004

METHOD BLANK: 5181860 Matrix: Water
Associated Lab Samples: 92857972001, 92857972002, 92857972003, 92857972004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	05/04/26 23:37	

LABORATORY CONTROL SAMPLE: 5181861

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	49.0	98	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5181862 5181863

Parameter	Units	92857910001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	41.3	50	50	89.5	90.3	96	98	90-110	1	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5181864 5181865

Parameter	Units	92857910008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	3.1	50	50	51.6	52.5	97	99	90-110	2	10	

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.

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

QUALIFIERS

Project: Hammond-HLF-ABE-Resample
Pace Project No.: 92857972

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.

WORKORDER QUALIFIERS

WO: 92857972

[1] GEOSYNTEC

[2] DO NOT DILUTE. MUST MEET REPORTING LIMITS. LET PM KNOW FIRST IF THERE ARE ISSUES.

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Huntersville, NC 28078
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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Hammond-HLF-ABE-Resample
Pace Project No.: 92857972

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92857972001	**HAM-GWC-21**	EPA 300.0 Rev 2.1 1993	1007787		
92857972002	**HAM-HLF-ABE--FD-01**	EPA 300.0 Rev 2.1 1993	1007787		
92857972003	**HAM-HLF-ABE--EB-01**	EPA 300.0 Rev 2.1 1993	1007787		
92857972004	**HAM-HLF-ABE--FB-01**	EPA 300.0 Rev 2.1 1993	1007787		

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Pace	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

WO# : 92857972
92857972

Client Name: GA Power- Hammond

Project #

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: JG 5/4/26

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

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

Thermometer: ☑ IR Gun ID: 214

Type of Ice: ☑ Wet ☐ Blue ☐ None

Cooler Temp: 4.1

Correction Factor: Add/Subtract (°C) 0.0

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

Cooler Temp Corrected (°C): 4.1

USDA Regulated Soil (☐ N/A, water sample)
Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? ☐ Yes ☐ No

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

				Comments/Discrepancy:
Chain of Custody Present?	☑ 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: WT				
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:** _____

Pace	DC#_Title: ENV-FRM-HUN1-0083 v05_Sample Condition Upon Receipt
	Effective Date: 05/24/2024

WO#: 92857972
PM: BV Due Date: 05/18/26
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 GA Power Profile/EZ (Circle one)_____ Notes_____

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)		BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic 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		1																											
2		1																											
3		1																											
4		1																											
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.

Pace® Location Requested (City/State):
Pace Analytical Charlotte
9800 Kincey Ave. Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name:	Georgia Power- Hammond	Contact/Report To:	Kristen Jurinko
Street Address:	241 Ralph McGill Blvd NE Bin 10160 Atlanta, GA 30308	Phone #:	470-217-0008
		E-Mail:	knjurink@southernco.com
		Cc E-Mail:	
Customer Project #:			
Project Name:	Plant Hammond - May 2026 Sampling Matrix - Resample	Invoice To:	Account Payable
		Invoice E-Mail:	georgiapowerinvoices@southernco.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	GPC82474-0011
		Quote #:	

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET

County / State origin of sample(s): Georgia

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other _____

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only
Proj. Mgr: **Bonnie Vang**
AcctNum / Client ID:
Table #:
Profile / Template: **16483**
Prelog / Bottle Ord. ID: **EZ 3400353**

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	300.0-Cl	Sample Comment	Preservation non conformance identified for sample
HAM-GWC-21	WT	G			5/1/2026	0943				X		
HAM-HLF-ABE-FD-01	WT	G			5/1/2026	0000				X		
HAM-HLF-ABE-EB-01	WT	G			5/1/2026	1145				X		
HAM-HLF-ABE-FB-01	WT	G			5/1/2026	1140				X		

ZW 5-4-26

Additional Instructions from Pace®:
Task Code: HAM-CCR-ASSMT-2026S1R1

Collected By: (Printed Name) Zain Webb
Signature: Zain Webb

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Zain Webb / Geosyntec	5/4/26 0925	Pace	5/4/26 0925
	5/4/26 1012		5/4/26 1012

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 1 of 1

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

June 02, 2026

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

RE: Project: Huffaker-Parcel AB&E-2nd Bkgd
Pace Project No.: 92861302

Dear Kristen Jurinko:

Enclosed are the analytical results for sample(s) received by the laboratory on May 20, 2026. 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 National - Mt. Juliet
- 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
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
Amanda Tomlinson, Geosyntec Consultants
Zain Webb, Geosyntec Consultants

REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: Huffaker-Parcel AB&E-2nd Bkgd
Pace Project No.: 92861302

Pace Analytical Services National
12065 Lebanon Road, Mt. Juliet, TN 37122
Alabama Certification #: 40660
Alaska Certification 17-026
Arizona Certification #: AZ0612
Arkansas Certification #: 88-0469
California Certification #: 2932
Canada Certification #: 1461.01
Colorado Certification #: TN00003
Connecticut Certification #: PH-0197
DOD Certification: #1461.01
EPA# TN00003
Florida Certification #: E87487
Georgia DW Certification #: 923
Georgia Certification: NELAP
Idaho Certification #: TN00003
Illinois Certification #: 200008
Indiana Certification #: C-TN-01
Iowa Certification #: 364
Kansas Certification #: E-10277
Kentucky UST Certification #: 16
Kentucky Certification #: 90010
Louisiana Certification #: AI30792
Louisiana DW Certification #: LA180010
Maine Certification #: TN0002
Maryland Certification #: 324
Massachusetts Certification #: M-TN003
Michigan Certification #: 9958
Minnesota Certification #: 047-999-395
Mississippi Certification #: TN00003
Missouri Certification #: 340
Montana Certification #: CERT0086
Nebraska Certification #: NE-OS-15-05
Nevada Certification #: TN-03-2002-34
New Hampshire Certification #: 2975
New Jersey Certification #: TN002
New Mexico DW Certification
New York Certification #: 11742
North Carolina Aquatic Toxicity Certification #: 41
North Carolina Drinking Water Certification #: 21704
North Carolina Environmental Certificate #: 375
North Dakota Certification #: R-140
Ohio VAP Certification #: CL0069
Oklahoma Certification #: 9915
Oregon Certification #: TN200002
Pennsylvania Certification #: 68-02979
Rhode Island Certification #: LAO00356
South Carolina Certification #: 84004
South Dakota Certification
Tennessee DW/Chem/Micro Certification #: 2006
Texas Certification #: T 104704245-17-14
Texas Mold Certification #: LAB0152
USDA Soil Permit #: P330-15-00234
Utah Certification #: TN00003
Virginia Certification #: VT2006
Vermont Dept. of Health: ID# VT-2006
Virginia Certification #: 460132
Washington Certification #: C847
West Virginia Certification #: 233
Wisconsin Certification #: 998093910
Wyoming UST Certification #: via A2LA 2926.01
A2LA-ISO 17025 Certification #: 1461.01
A2LA-ISO 17025 Certification #: 1461.02
AIHA-LAP/LLC EMLAP Certification #:100789

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-Parcel AB&E-2nd Bkgd
Pace Project No.: 92861302

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92861302001	**HAM-GWC-21A**	Water	05/19/26 15:33	05/20/26 12:45
92861302002	**HAM-GWC-42**	Water	05/19/26 16:31	05/20/26 12:45
92861302003	**HAM-GWC-43**	Water	05/19/26 12:09	05/20/26 12:45
92861302004	**HAM-GWC-44**	Water	05/19/26 14:20	05/20/26 12:45
92861302005	**HAM-HLF-ABE-FD-01**	Water	05/19/26 00:00	05/20/26 12:45
92861302006	**HAM-HLF-ABE-EB-01**	Water	05/19/26 14:45	05/20/26 12:45
92861302007	**HAM-HLF-ABE-FB-01**	Water	05/19/26 14:50	05/20/26 12:45

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SAMPLE ANALYTE COUNT

Project: Huffaker-Parcel AB&E-2nd Bkgd
Pace Project No.: 92861302

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92861302001	**HAM-GWC-21A**	EPA 6020B	JPD	1	PAN
		SM 2540C-2020	CMW1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6020B	ARB, LNV	18	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92861302002	**HAM-GWC-42**	EPA 6020B	JPD	1	PAN
		SM 2540C-2020	CMW1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6020B	ARB, LNV	18	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92861302003	**HAM-GWC-43**	EPA 6020B	JPD	1	PAN
		SM 2540C-2020	CMW1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6020B	ARB, LNV	18	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92861302004	**HAM-GWC-44**	EPA 6020B	JPD	1	PAN
		SM 2540C-2020	CMW1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6020B	ARB, LNV	18	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92861302005	**HAM-HLF-ABE-FD-01**	EPA 6020B	JPD	1	PAN
		SM 2540C-2020	CMW1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6020B	ARB	18	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92861302006	**HAM-HLF-ABE-EB-01**	EPA 6020B	JPD	1	PAN
		SM 2540C-2020	CMW1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6020B	ARB	18	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92861302007	**HAM-HLF-ABE-FB-01**	EPA 6020B	JPD	1	PAN
		SM 2540C-2020	CMW1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6020B	ARB	18	PASI-WC
		EPA 7470A	DH	1	PASI-WC

PAN = Pace National - Mt. Juliet
PASI-A = Pace Analytical Services - Asheville

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SAMPLE ANALYTE COUNT

Project: Huffaker-Parcel AB&E-2nd Bkgd
Pace Project No.: 92861302

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory

PASI-WC = Pace Analytical Services - West Columbia

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SUMMARY OF DETECTION

Project: Huffaker-Parcel AB&E-2nd Bkgd
Pace Project No.: 92861302

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92861302001	**HAM-GWC-21A**					
EPA 6020B	Lithium	0.0164	mg/L	0.00200	05/30/26 10:45	
SM 2540C-2020	Total Dissolved Solids	243	mg/L	25.0	05/21/26 23:07	
EPA 300.0 Rev 2.1 1993	Chloride	1.1	mg/L	1.0	05/21/26 02:56	
EPA 300.0 Rev 2.1 1993	Fluoride	0.083J	mg/L	0.10	05/21/26 02:56	
EPA 300.0 Rev 2.1 1993	Sulfate	18.7	mg/L	1.0	05/21/26 02:56	
EPA 6020B	Barium	0.13	mg/L	0.0050	05/28/26 11:05	
EPA 6020B	Boron	0.070	mg/L	0.040	06/01/26 14:56	B
EPA 6020B	Calcium	57.8	mg/L	0.40	05/28/26 11:05	
92861302002	**HAM-GWC-42**					
EPA 6020B	Lithium	0.0337	mg/L	0.00200	05/30/26 11:30	
SM 2540C-2020	Total Dissolved Solids	309	mg/L	25.0	05/21/26 23:07	
EPA 300.0 Rev 2.1 1993	Chloride	2.2	mg/L	1.0	05/21/26 04:13	
EPA 300.0 Rev 2.1 1993	Fluoride	0.085J	mg/L	0.10	05/21/26 04:13	
EPA 300.0 Rev 2.1 1993	Sulfate	95.9	mg/L	2.0	05/21/26 09:52	
EPA 6020B	Barium	0.13	mg/L	0.0050	05/28/26 11:08	
EPA 6020B	Boron	0.025J	mg/L	0.040	06/01/26 15:00	B
EPA 6020B	Calcium	47.9	mg/L	0.40	06/01/26 15:00	
EPA 6020B	Cobalt	0.0039J	mg/L	0.0050	05/28/26 11:08	
EPA 6020B	Nickel	0.010	mg/L	0.0050	05/28/26 11:08	
EPA 6020B	Zinc	0.0021J	mg/L	0.010	05/28/26 11:08	
92861302003	**HAM-GWC-43**					
EPA 6020B	Lithium	0.0130	mg/L	0.00200	05/30/26 11:33	
SM 2540C-2020	Total Dissolved Solids	222	mg/L	25.0	05/21/26 23:07	
EPA 300.0 Rev 2.1 1993	Chloride	2.9	mg/L	1.0	05/21/26 04:29	
EPA 300.0 Rev 2.1 1993	Fluoride	0.060J	mg/L	0.10	05/21/26 04:29	
EPA 300.0 Rev 2.1 1993	Sulfate	28.7	mg/L	1.0	05/21/26 04:29	
EPA 6020B	Barium	0.13	mg/L	0.0050	05/28/26 11:11	
EPA 6020B	Boron	0.018J	mg/L	0.040	06/01/26 15:06	B
EPA 6020B	Calcium	67.1	mg/L	4.0	06/01/26 15:09	
EPA 6020B	Zinc	0.0021J	mg/L	0.010	05/28/26 11:11	
92861302004	**HAM-GWC-44**					
EPA 6020B	Lithium	0.0326	mg/L	0.00200	05/30/26 11:36	
SM 2540C-2020	Total Dissolved Solids	427	mg/L	25.0	05/21/26 23:07	
EPA 300.0 Rev 2.1 1993	Chloride	2.0	mg/L	1.0	05/21/26 04:44	
EPA 300.0 Rev 2.1 1993	Fluoride	0.18	mg/L	0.10	05/21/26 04:44	
EPA 300.0 Rev 2.1 1993	Sulfate	46.9	mg/L	1.0	05/21/26 04:44	
EPA 6020B	Barium	0.41	mg/L	0.0050	05/28/26 11:14	
EPA 6020B	Boron	0.36	mg/L	0.040	06/01/26 15:12	
EPA 6020B	Calcium	102	mg/L	4.0	06/01/26 15:15	
92861302005	**HAM-HLF-ABE-FD-01**					
EPA 6020B	Lithium	0.0165	mg/L	0.00200	05/30/26 11:39	
SM 2540C-2020	Total Dissolved Solids	245	mg/L	25.0	05/21/26 23:08	
EPA 300.0 Rev 2.1 1993	Chloride	1.1	mg/L	1.0	05/21/26 04:59	
EPA 300.0 Rev 2.1 1993	Fluoride	0.083J	mg/L	0.10	05/21/26 04:59	
EPA 300.0 Rev 2.1 1993	Sulfate	18.8	mg/L	1.0	05/21/26 04:59	

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SUMMARY OF DETECTION

Project: Huffaker-Parcel AB&E-2nd Bkgd
Pace Project No.: 92861302

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92861302005	**HAM-HLF-ABE-FD-01**					
EPA 6020B	Barium	0.13	mg/L	0.0050	06/02/26 09:31	
EPA 6020B	Boron	0.072	mg/L	0.040	06/02/26 09:31	
EPA 6020B	Calcium	59.9	mg/L	4.0	06/02/26 09:34	
92861302006	**HAM-HLF-ABE-EB-01**					
EPA 6020B	Chromium	0.00027J	mg/L	0.0050	06/02/26 09:37	

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ANALYTICAL RESULTS

Project: Huffaker-Parcel AB&E-2nd Bkgd
Pace Project No.: 92861302

Sample: HAM-GWC-21A **Lab ID: 92861302001** Collected: 05/19/26 15:33 Received: 05/20/26 12:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Metals (ICPMS) 6020B	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Lithium	**0.0164**	mg/L	0.00200	0.000600	1	05/29/26 08:32	05/30/26 10:45	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**243**	mg/L	25.0	25.0	1		05/21/26 23:07		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**1.1**	mg/L	1.0	0.60	1		05/21/26 02:56	16887-00-6	
Fluoride	**0.083J**	mg/L	0.10	0.050	1		05/21/26 02:56	16984-48-8	
Sulfate	**18.7**	mg/L	1.0	0.50	1		05/21/26 02:56	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	05/22/26 10:38	05/28/26 11:05	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	05/22/26 10:38	05/28/26 11:05	7440-38-2	
Barium	**0.13**	mg/L	0.0050	0.00056	1	05/22/26 10:38	05/28/26 11:05	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	05/22/26 10:38	06/01/26 14:56	7440-41-7	
Boron	**0.070**	mg/L	0.040	0.0073	1	05/22/26 10:38	06/01/26 14:56	7440-42-8	B
Cadmium	ND	mg/L	0.00050	0.00010	1	05/22/26 10:38	05/28/26 11:05	7440-43-9	
Calcium	**57.8**	mg/L	0.40	0.10	1	05/22/26 10:38	05/28/26 11:05	7440-70-2	
Chromium	ND	mg/L	0.0050	0.00024	1	05/22/26 10:38	05/28/26 11:05	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00012	1	05/22/26 10:38	05/28/26 11:05	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	05/22/26 10:38	05/28/26 11:05	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	05/22/26 10:38	05/28/26 11:05	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	05/22/26 10:38	05/28/26 11:05	7439-98-7	
Nickel	ND	mg/L	0.0050	0.00092	1	05/22/26 10:38	05/28/26 11:05	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	05/22/26 10:38	05/28/26 11:05	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	05/22/26 10:38	05/28/26 11:05	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	05/22/26 10:38	05/28/26 11:05	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	05/22/26 10:38	05/28/26 11:05	7440-62-2	
Zinc	ND	mg/L	0.010	0.0014	1	05/22/26 10:38	05/28/26 11:05	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	05/21/26 14:19	05/21/26 18:57	7439-97-6	L3

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ANALYTICAL RESULTS

Project: Huffaker-Parcel AB&E-2nd Bkgd
Pace Project No.: 92861302

Sample: HAM-GWC-42 **Lab ID: 92861302002** Collected: 05/19/26 16:31 Received: 05/20/26 12:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Metals (ICPMS) 6020B	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Lithium	**0.0337**	mg/L	0.00200	0.000600	1	05/29/26 08:32	05/30/26 11:30	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**309**	mg/L	25.0	25.0	1		05/21/26 23:07		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**2.2**	mg/L	1.0	0.60	1		05/21/26 04:13	16887-00-6	
Fluoride	**0.085J**	mg/L	0.10	0.050	1		05/21/26 04:13	16984-48-8	
Sulfate	**95.9**	mg/L	2.0	1.0	2		05/21/26 09:52	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	05/22/26 10:38	05/28/26 11:08	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	05/22/26 10:38	05/28/26 11:08	7440-38-2	
Barium	**0.13**	mg/L	0.0050	0.00056	1	05/22/26 10:38	05/28/26 11:08	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	05/22/26 10:38	06/01/26 15:00	7440-41-7	
Boron	**0.025J**	mg/L	0.040	0.0073	1	05/22/26 10:38	06/01/26 15:00	7440-42-8	B
Cadmium	ND	mg/L	0.00050	0.00010	1	05/22/26 10:38	05/28/26 11:08	7440-43-9	
Calcium	**47.9**	mg/L	0.40	0.10	1	05/22/26 10:38	06/01/26 15:00	7440-70-2	
Chromium	ND	mg/L	0.0050	0.00024	1	05/22/26 10:38	05/28/26 11:08	7440-47-3	
Cobalt	**0.0039J**	mg/L	0.0050	0.00012	1	05/22/26 10:38	05/28/26 11:08	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	05/22/26 10:38	05/28/26 11:08	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	05/22/26 10:38	05/28/26 11:08	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	05/22/26 10:38	05/28/26 11:08	7439-98-7	
Nickel	**0.010**	mg/L	0.0050	0.00092	1	05/22/26 10:38	05/28/26 11:08	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	05/22/26 10:38	05/28/26 11:08	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	05/22/26 10:38	05/28/26 11:08	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	05/22/26 10:38	05/28/26 11:08	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	05/22/26 10:38	05/28/26 11:08	7440-62-2	
Zinc	**0.0021J**	mg/L	0.010	0.0014	1	05/22/26 10:38	05/28/26 11:08	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	05/21/26 14:19	05/21/26 19:04	7439-97-6	L3

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ANALYTICAL RESULTS

Project: Huffaker-Parcel AB&E-2nd Bkgd
Pace Project No.: 92861302

Sample: HAM-GWC-43 **Lab ID: 92861302003** Collected: 05/19/26 12:09 Received: 05/20/26 12:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Metals (ICPMS) 6020B	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Lithium	**0.0130**	mg/L	0.00200	0.000600	1	05/29/26 08:32	05/30/26 11:33	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**222**	mg/L	25.0	25.0	1		05/21/26 23:07		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**2.9**	mg/L	1.0	0.60	1		05/21/26 04:29	16887-00-6	
Fluoride	**0.060J**	mg/L	0.10	0.050	1		05/21/26 04:29	16984-48-8	
Sulfate	**28.7**	mg/L	1.0	0.50	1		05/21/26 04:29	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	05/22/26 10:38	05/28/26 11:11	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	05/22/26 10:38	05/28/26 11:11	7440-38-2	
Barium	**0.13**	mg/L	0.0050	0.00056	1	05/22/26 10:38	05/28/26 11:11	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	05/22/26 10:38	06/01/26 15:06	7440-41-7	
Boron	**0.018J**	mg/L	0.040	0.0073	1	05/22/26 10:38	06/01/26 15:06	7440-42-8	B
Cadmium	ND	mg/L	0.00050	0.00010	1	05/22/26 10:38	05/28/26 11:11	7440-43-9	
Calcium	**67.1**	mg/L	4.0	1.0	10	05/22/26 10:38	06/01/26 15:09	7440-70-2	
Chromium	ND	mg/L	0.0050	0.00024	1	05/22/26 10:38	05/28/26 11:11	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00012	1	05/22/26 10:38	05/28/26 11:11	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	05/22/26 10:38	05/28/26 11:11	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	05/22/26 10:38	05/28/26 11:11	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	05/22/26 10:38	05/28/26 11:11	7439-98-7	
Nickel	ND	mg/L	0.0050	0.00092	1	05/22/26 10:38	05/28/26 11:11	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	05/22/26 10:38	05/28/26 11:11	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	05/22/26 10:38	05/28/26 11:11	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	05/22/26 10:38	05/28/26 11:11	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	05/22/26 10:38	05/28/26 11:11	7440-62-2	
Zinc	**0.0021J**	mg/L	0.010	0.0014	1	05/22/26 10:38	05/28/26 11:11	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	05/21/26 14:19	05/21/26 19:07	7439-97-6	L3

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ANALYTICAL RESULTS

Project: Huffaker-Parcel AB&E-2nd Bkgd
Pace Project No.: 92861302

Sample: HAM-GWC-44 **Lab ID: 92861302004** Collected: 05/19/26 14:20 Received: 05/20/26 12:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Metals (ICPMS) 6020B	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Lithium	**0.0326**	mg/L	0.00200	0.000600	1	05/29/26 08:32	05/30/26 11:36	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**427**	mg/L	25.0	25.0	1		05/21/26 23:07		
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		05/21/26 04:44	16887-00-6	
Fluoride	**0.18**	mg/L	0.10	0.050	1		05/21/26 04:44	16984-48-8	
Sulfate	**46.9**	mg/L	1.0	0.50	1		05/21/26 04:44	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	05/22/26 10:38	05/28/26 11:14	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	05/22/26 10:38	05/28/26 11:14	7440-38-2	
Barium	**0.41**	mg/L	0.0050	0.00056	1	05/22/26 10:38	05/28/26 11:14	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	05/22/26 10:38	06/01/26 15:12	7440-41-7	
Boron	**0.36**	mg/L	0.040	0.0073	1	05/22/26 10:38	06/01/26 15:12	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	05/22/26 10:38	05/28/26 11:14	7440-43-9	
Calcium	**102**	mg/L	4.0	1.0	10	05/22/26 10:38	06/01/26 15:15	7440-70-2	
Chromium	ND	mg/L	0.0050	0.00024	1	05/22/26 10:38	05/28/26 11:14	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00012	1	05/22/26 10:38	05/28/26 11:14	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	05/22/26 10:38	05/28/26 11:14	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	05/22/26 10:38	05/28/26 11:14	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	05/22/26 10:38	05/28/26 11:14	7439-98-7	
Nickel	ND	mg/L	0.0050	0.00092	1	05/22/26 10:38	05/28/26 11:14	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	05/22/26 10:38	05/28/26 11:14	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	05/22/26 10:38	05/28/26 11:14	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	05/22/26 10:38	05/28/26 11:14	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	05/22/26 10:38	05/28/26 11:14	7440-62-2	
Zinc	ND	mg/L	0.010	0.0014	1	05/22/26 10:38	05/28/26 11:14	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	05/21/26 14:19	05/21/26 19:09	7439-97-6	CU,L3

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ANALYTICAL RESULTS

Project: Huffaker-Parcel AB&E-2nd Bkgd
Pace Project No.: 92861302

Sample: HAM-HLF-ABE-FD-01 **Lab ID: 92861302005** Collected: 05/19/26 00:00 Received: 05/20/26 12:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Metals (ICPMS) 6020B	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Lithium	**0.0165**	mg/L	0.00200	0.000600	1	05/29/26 08:32	05/30/26 11:39	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**245**	mg/L	25.0	25.0	1		05/21/26 23:08		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**1.1**	mg/L	1.0	0.60	1		05/21/26 04:59	16887-00-6	
Fluoride	**0.083J**	mg/L	0.10	0.050	1		05/21/26 04:59	16984-48-8	
Sulfate	**18.8**	mg/L	1.0	0.50	1		05/21/26 04:59	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	05/22/26 10:38	06/02/26 09:31	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	05/22/26 10:38	06/02/26 09:31	7440-38-2	
Barium	**0.13**	mg/L	0.0050	0.00056	1	05/22/26 10:38	06/02/26 09:31	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	05/22/26 10:38	06/02/26 09:31	7440-41-7	
Boron	**0.072**	mg/L	0.040	0.0073	1	05/22/26 10:38	06/02/26 09:31	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	05/22/26 10:38	06/02/26 09:31	7440-43-9	
Calcium	**59.9**	mg/L	4.0	1.0	10	05/22/26 10:38	06/02/26 09:34	7440-70-2	
Chromium	ND	mg/L	0.0050	0.00024	1	05/22/26 10:38	06/02/26 09:31	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00012	1	05/22/26 10:38	06/02/26 09:31	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	05/22/26 10:38	06/02/26 09:31	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	05/22/26 10:38	06/02/26 09:31	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	05/22/26 10:38	06/02/26 09:31	7439-98-7	
Nickel	ND	mg/L	0.0050	0.00092	1	05/22/26 10:38	06/02/26 09:31	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	05/22/26 10:38	06/02/26 09:31	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	05/22/26 10:38	06/02/26 09:31	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	05/22/26 10:38	06/02/26 09:31	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	05/22/26 10:38	06/02/26 09:31	7440-62-2	
Zinc	ND	mg/L	0.010	0.0014	1	05/22/26 10:38	06/02/26 09:31	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	05/21/26 14:19	05/21/26 19:17	7439-97-6	CU,L3

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ANALYTICAL RESULTS

Project: Huffaker-Parcel AB&E-2nd Bkgd
Pace Project No.: 92861302

Sample: HAM-HLF-ABE-EB-01 **Lab ID: 92861302006** Collected: 05/19/26 14:45 Received: 05/20/26 12:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Metals (ICPMS) 6020B	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Lithium	ND	mg/L	0.00200	0.000600	1	05/29/26 08:32	05/30/26 11:42	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	ND	mg/L	25.0	25.0	1		05/21/26 23:08		
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		05/20/26 22:18	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		05/20/26 22:18	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		05/20/26 22:18	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	05/22/26 10:38	06/02/26 09:37	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	05/22/26 10:38	06/02/26 09:37	7440-38-2	
Barium	ND	mg/L	0.0050	0.00056	1	05/22/26 10:38	06/02/26 09:37	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	05/22/26 10:38	06/02/26 09:37	7440-41-7	
Boron	ND	mg/L	0.040	0.0073	1	05/22/26 10:38	06/02/26 09:37	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	05/22/26 10:38	06/02/26 09:37	7440-43-9	
Calcium	ND	mg/L	0.40	0.10	1	05/22/26 10:38	06/02/26 09:37	7440-70-2	
Chromium	**0.00027J**	mg/L	0.0050	0.00024	1	05/22/26 10:38	06/02/26 09:37	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00012	1	05/22/26 10:38	06/02/26 09:37	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	05/22/26 10:38	06/02/26 09:37	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	05/22/26 10:38	06/02/26 09:37	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	05/22/26 10:38	06/02/26 09:37	7439-98-7	
Nickel	ND	mg/L	0.0050	0.00092	1	05/22/26 10:38	06/02/26 09:37	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	05/22/26 10:38	06/02/26 09:37	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	05/22/26 10:38	06/02/26 09:37	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	05/22/26 10:38	06/02/26 09:37	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	05/22/26 10:38	06/02/26 09:37	7440-62-2	
Zinc	ND	mg/L	0.010	0.0014	1	05/22/26 10:38	06/02/26 09:37	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	05/21/26 14:19	05/21/26 19:19	7439-97-6	CU,L3

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ANALYTICAL RESULTS

Project: Huffaker-Parcel AB&E-2nd Bkgd
Pace Project No.: 92861302

Sample: HAM-HLF-ABE-FB-01 **Lab ID: 92861302007** Collected: 05/19/26 14:50 Received: 05/20/26 12:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Metals (ICPMS) 6020B	Analytical Method: EPA 6020B Preparation Method: 3015								
	Pace National - Mt. Juliet								
Lithium	ND	mg/L	0.00200	0.000600	1	05/29/26 08:32	05/30/26 11:45	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020								
	Pace Analytical Services - Asheville								
Total Dissolved Solids	ND	mg/L	25.0	25.0	1		05/21/26 23:08		
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		05/20/26 22:34	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		05/20/26 22:34	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		05/20/26 22:34	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A								
	Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	05/22/26 10:38	06/02/26 09:40	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	05/22/26 10:38	06/02/26 09:40	7440-38-2	
Barium	ND	mg/L	0.0050	0.00056	1	05/22/26 10:38	06/02/26 09:40	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	05/22/26 10:38	06/02/26 09:40	7440-41-7	
Boron	ND	mg/L	0.040	0.0073	1	05/22/26 10:38	06/02/26 09:40	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	05/22/26 10:38	06/02/26 09:40	7440-43-9	
Calcium	ND	mg/L	0.40	0.10	1	05/22/26 10:38	06/02/26 09:40	7440-70-2	
Chromium	ND	mg/L	0.0050	0.00024	1	05/22/26 10:38	06/02/26 09:40	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00012	1	05/22/26 10:38	06/02/26 09:40	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	05/22/26 10:38	06/02/26 09:40	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	05/22/26 10:38	06/02/26 09:40	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	05/22/26 10:38	06/02/26 09:40	7439-98-7	
Nickel	ND	mg/L	0.0050	0.00092	1	05/22/26 10:38	06/02/26 09:40	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	05/22/26 10:38	06/02/26 09:40	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	05/22/26 10:38	06/02/26 09:40	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	05/22/26 10:38	06/02/26 09:40	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	05/22/26 10:38	06/02/26 09:40	7440-62-2	
Zinc	ND	mg/L	0.010	0.0014	1	05/22/26 10:38	06/02/26 09:40	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A								
	Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	05/21/26 14:19	05/21/26 19:22	7439-97-6	CU,L3

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QUALITY CONTROL DATA

Project: Huffaker-Parcel AB&E-2nd Bkgd
Pace Project No.: 92861302

QC Batch: 2759443
QC Batch Method: 3015
Analysis Method: EPA 6020B
Analysis Description: Metals (ICPMS) 6020B
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 92861302001, 92861302002, 92861302003, 92861302004, 92861302005, 92861302006, 92861302007

METHOD BLANK: R4380587-1 Matrix: Water
Associated Lab Samples: 92861302001, 92861302002, 92861302003, 92861302004, 92861302005, 92861302006, 92861302007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lithium	mg/L	ND	0.00200	0.000600	05/30/26 10:26	

LABORATORY CONTROL SAMPLE: R4380587-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lithium	mg/L	0.0500	0.0516	103	80.0-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R4380587-4 R4380587-5

Parameter	Units	L1976696-02 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lithium	mg/L	0.00386	0.0500	0.0500	0.0529	0.0521	98.1	96.5	75.0-125	1.55	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Huffaker-Parcel AB&E-2nd Bkgd
Pace Project No.: 92861302

QC Batch: 1011852
QC Batch Method: SM 2540C-2020
Analysis Method: SM 2540C-2020
Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92861302001, 92861302002, 92861302003, 92861302004, 92861302005, 92861302006, 92861302007

METHOD BLANK: 5203957
Matrix: Water
Associated Lab Samples: 92861302001, 92861302002, 92861302003, 92861302004, 92861302005, 92861302006, 92861302007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	25.0	05/21/26 23:06	

LABORATORY CONTROL SAMPLE: 5203958

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	250	232	93	90-110	

SAMPLE DUPLICATE: 5203959

Parameter	Units	92861144002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	83.0	76.0	9	25	

SAMPLE DUPLICATE: 5203960

Parameter	Units	92861302001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	243	244	0	25	

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QUALITY CONTROL DATA

Project: Huffaker-Parcel AB&E-2nd Bkgd
Pace Project No.: 92861302

QC Batch: 1011478
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: 92861302001, 92861302002, 92861302003, 92861302004, 92861302005, 92861302006, 92861302007

METHOD BLANK: 5201802 Matrix: Water
Associated Lab Samples: 92861302001, 92861302002, 92861302003, 92861302004, 92861302005, 92861302006, 92861302007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	05/20/26 21:16	
Fluoride	mg/L	ND	0.10	0.050	05/20/26 21:16	
Sulfate	mg/L	ND	1.0	0.50	05/20/26 21:16	

LABORATORY CONTROL SAMPLE: 5201803

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	51.7	103	90-110	
Fluoride	mg/L	2.5	2.7	107	90-110	
Sulfate	mg/L	50	53.8	108	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5201804 5201805

Parameter	Units	92861302001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	1.1	50	50	49.2	53.6	96	105	90-110	8	10	
Fluoride	mg/L	0.083J	2.5	2.5	2.5	2.7	96	105	90-110	8	10	
Sulfate	mg/L	18.7	50	50	68.1	72.6	99	108	90-110	6	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5201806 5201807

Parameter	Units	92861310001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	1.5	50	50	51.6	50.9	100	99	90-110	1	10	
Fluoride	mg/L	ND	2.5	2.5	2.6	2.6	104	103	90-110	1	10	
Sulfate	mg/L	1.4	50	50	53.3	52.6	104	102	90-110	1	10	

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QUALITY CONTROL DATA

Project: Huffaker-Parcel AB&E-2nd Bkgd
Pace Project No.: 92861302

QC Batch: 1011926
QC Batch Method: EPA 3005A
Analysis Method: EPA 6020B
Analysis Description: WC 6020B MET
Laboratory: Pace Analytical Services - West Columbia
Associated Lab Samples: 92861302001, 92861302002, 92861302003, 92861302004, 92861302005, 92861302006, 92861302007

METHOD BLANK: 5204187
Matrix: Water
Associated Lab Samples: 92861302001, 92861302002, 92861302003, 92861302004, 92861302005, 92861302006, 92861302007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	mg/L	ND	0.0020	0.00043	05/28/26 10:56	
Arsenic	mg/L	ND	0.0020	0.00041	05/28/26 10:56	
Barium	mg/L	ND	0.0050	0.00056	05/28/26 10:56	
Beryllium	mg/L	ND	0.00040	0.00015	06/01/26 14:47	
Boron	mg/L	0.013J	0.040	0.0073	06/01/26 14:47	
Cadmium	mg/L	ND	0.00050	0.00010	05/28/26 10:56	
Calcium	mg/L	ND	0.40	0.10	05/28/26 10:56	
Chromium	mg/L	ND	0.0050	0.00024	05/28/26 10:56	
Cobalt	mg/L	ND	0.0050	0.00012	05/28/26 10:56	
Copper	mg/L	ND	0.0050	0.00069	05/28/26 10:56	
Lead	mg/L	ND	0.0010	0.00027	05/28/26 10:56	
Molybdenum	mg/L	ND	0.010	0.0020	05/28/26 10:56	
Nickel	mg/L	ND	0.0050	0.00092	05/28/26 10:56	
Selenium	mg/L	ND	0.0050	0.00050	05/28/26 10:56	
Silver	mg/L	ND	0.0010	0.00021	05/28/26 10:56	
Thallium	mg/L	ND	0.00050	0.00017	05/28/26 10:56	
Vanadium	mg/L	ND	0.0050	0.0011	05/28/26 10:56	
Zinc	mg/L	ND	0.010	0.0014	05/28/26 10:56	

LABORATORY CONTROL SAMPLE: 5204188

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	mg/L	0.1	0.099	99	80-120	
Arsenic	mg/L	0.1	0.097	97	80-120	
Barium	mg/L	0.1	0.095	95	80-120	
Beryllium	mg/L	0.1	0.10	100	80-120	
Boron	mg/L	0.1	0.11	106	80-120	
Cadmium	mg/L	0.1	0.096	96	80-120	
Calcium	mg/L	1	1.0	103	80-120	
Chromium	mg/L	0.1	0.10	104	80-120	
Cobalt	mg/L	0.1	0.10	105	80-120	
Copper	mg/L	0.1	0.11	105	80-120	
Lead	mg/L	0.1	0.10	103	80-120	
Molybdenum	mg/L	0.1	0.093	93	80-120	
Nickel	mg/L	0.1	0.10	102	80-120	
Selenium	mg/L	0.1	0.098	98	80-120	
Silver	mg/L	0.1	0.10	104	80-120	
Thallium	mg/L	0.1	0.10	104	80-120	
Vanadium	mg/L	0.1	0.10	101	80-120	

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QUALITY CONTROL DATA

Project: Huffaker-Parcel AB&E-2nd Bkgd
Pace Project No.: 92861302

LABORATORY CONTROL SAMPLE: 5204188

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Zinc	mg/L	0.1	0.096	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5204189 5204190

Parameter	Units	92861310002 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	0.099	101	99	75-125	2	20	
Arsenic	mg/L	ND	0.1	0.1	0.10	0.099	99	98	75-125	1	20	
Barium	mg/L	0.0061	0.1	0.1	0.10	0.10	94	94	75-125	0	20	
Beryllium	mg/L	ND	0.1	0.1	0.095	0.095	95	95	75-125	1	20	
Boron	mg/L	ND	0.1	0.1	0.099	0.10	92	96	75-125	4	20	
Cadmium	mg/L	ND	0.1	0.1	0.10	0.10	102	104	75-125	1	20	
Calcium	mg/L	1.5	1	1	2.4	2.5	90	97	75-125	3	20	
Chromium	mg/L	0.0019J	0.1	0.1	0.11	0.11	106	104	75-125	2	20	
Cobalt	mg/L	0.0027J	0.1	0.1	0.11	0.11	108	107	75-125	1	20	
Copper	mg/L	0.00073J	0.1	0.1	0.11	0.11	106	106	75-125	0	20	
Lead	mg/L	ND	0.1	0.1	0.097	0.10	97	100	75-125	3	20	
Molybdenum	mg/L	ND	0.1	0.1	0.094	0.095	94	95	75-125	1	20	
Nickel	mg/L	0.0067	0.1	0.1	0.11	0.11	106	105	75-125	1	20	
Selenium	mg/L	ND	0.1	0.1	0.10	0.10	101	103	75-125	2	20	
Silver	mg/L	ND	0.1	0.1	0.11	0.11	105	108	75-125	2	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	103	103	75-125	0	20	
Zinc	mg/L	0.011	0.1	0.1	0.11	0.11	95	96	75-125	1	20	

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QUALITY CONTROL DATA

Project: Huffaker-Parcel AB&E-2nd Bkgd
Pace Project No.: 92861302

QC Batch: 1011708
QC Batch Method: EPA 7470A
Analysis Method: EPA 7470A
Analysis Description: WCOL 7470 Mercury
Laboratory: Pace Analytical Services - West Columbia
Associated Lab Samples: 92861302001, 92861302002, 92861302003, 92861302004, 92861302005, 92861302006, 92861302007

METHOD BLANK: 5202960
Matrix: Water
Associated Lab Samples: 92861302001, 92861302002, 92861302003, 92861302004, 92861302005, 92861302006, 92861302007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	mg/L	ND	0.00020	0.000091	05/21/26 18:46	CU

LABORATORY CONTROL SAMPLE: 5202961

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	0.002	0.0027	133	80-120	CH,L1

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5202962 5202963

Parameter	Units	92861302001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/L	ND	0.002	0.002	0.0024	0.0023	115	114	80-120	1	20	CH

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

QUALIFIERS

Project: Huffaker-Parcel AB&E-2nd Bkgd
Pace Project No.: 92861302

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.

WORKORDER QUALIFIERS

WO: 92861302

[1]	GEOSYNTEC
[2]	DO NOT DILUTE. MUST MEET REPORTING LIMITS. LET PM KNOW FIRST IF THERE ARE ISSUES.

ANALYTE QUALIFIERS

B	Analyte was detected in the associated method blank.
CH	The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.
CU	The continuing calibration for this analyte is above laboratory acceptance limits. Analyte was not detected above the reporting limit in any of the associated samples.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
L3	Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples.

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Huntersville, NC 28078
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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Huffaker-Parcel AB&E-2nd Bkgd
Pace Project No.: 92861302

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92861302001	**HAM-GWC-21A**	3015	2759443	EPA 6020B	2759443
92861302002	**HAM-GWC-42**	3015	2759443	EPA 6020B	2759443
92861302003	**HAM-GWC-43**	3015	2759443	EPA 6020B	2759443
92861302004	**HAM-GWC-44**	3015	2759443	EPA 6020B	2759443
92861302005	**HAM-HLF-ABE-FD-01**	3015	2759443	EPA 6020B	2759443
92861302006	**HAM-HLF-ABE-EB-01**	3015	2759443	EPA 6020B	2759443
92861302007	**HAM-HLF-ABE-FB-01**	3015	2759443	EPA 6020B	2759443
92861302001	**HAM-GWC-21A**	SM 2540C-2020	1011852		
92861302002	**HAM-GWC-42**	SM 2540C-2020	1011852		
92861302003	**HAM-GWC-43**	SM 2540C-2020	1011852		
92861302004	**HAM-GWC-44**	SM 2540C-2020	1011852		
92861302005	**HAM-HLF-ABE-FD-01**	SM 2540C-2020	1011852		
92861302006	**HAM-HLF-ABE-EB-01**	SM 2540C-2020	1011852		
92861302007	**HAM-HLF-ABE-FB-01**	SM 2540C-2020	1011852		
92861302001	**HAM-GWC-21A**	EPA 300.0 Rev 2.1 1993	1011478		
92861302002	**HAM-GWC-42**	EPA 300.0 Rev 2.1 1993	1011478		
92861302003	**HAM-GWC-43**	EPA 300.0 Rev 2.1 1993	1011478		
92861302004	**HAM-GWC-44**	EPA 300.0 Rev 2.1 1993	1011478		
92861302005	**HAM-HLF-ABE-FD-01**	EPA 300.0 Rev 2.1 1993	1011478		
92861302006	**HAM-HLF-ABE-EB-01**	EPA 300.0 Rev 2.1 1993	1011478		
92861302007	**HAM-HLF-ABE-FB-01**	EPA 300.0 Rev 2.1 1993	1011478		
92861302001	**HAM-GWC-21A**	EPA 3005A	1011926	EPA 6020B	1012938
92861302002	**HAM-GWC-42**	EPA 3005A	1011926	EPA 6020B	1012938
92861302003	**HAM-GWC-43**	EPA 3005A	1011926	EPA 6020B	1012938
92861302004	**HAM-GWC-44**	EPA 3005A	1011926	EPA 6020B	1012938
92861302005	**HAM-HLF-ABE-FD-01**	EPA 3005A	1011926	EPA 6020B	1012938
92861302006	**HAM-HLF-ABE-EB-01**	EPA 3005A	1011926	EPA 6020B	1012938
92861302007	**HAM-HLF-ABE-FB-01**	EPA 3005A	1011926	EPA 6020B	1012938
92861302001	**HAM-GWC-21A**	EPA 7470A	1011708	EPA 7470A	1012021
92861302002	**HAM-GWC-42**	EPA 7470A	1011708	EPA 7470A	1012021
92861302003	**HAM-GWC-43**	EPA 7470A	1011708	EPA 7470A	1012021
92861302004	**HAM-GWC-44**	EPA 7470A	1011708	EPA 7470A	1012021
92861302005	**HAM-HLF-ABE-FD-01**	EPA 7470A	1011708	EPA 7470A	1012021
92861302006	**HAM-HLF-ABE-EB-01**	EPA 7470A	1011708	EPA 7470A	1012021
92861302007	**HAM-HLF-ABE-FB-01**	EPA 7470A	1011708	EPA 7470A	1012021

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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#: 92861302

92861302

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

Custody Seal Present? ☑ Yes ☐ No Seals Intact? ☑ Yes ☐ No ☐ N/A Date/Initials Person Examining Contents: 5/20/26 am

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

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

Thermometer: ☐ IR Gun ID: 214

Type of Ice: ☑ Wet ☐ Blue ☐ None

Cooler Temp: 3.4 Correction Factor: Add/Subtract (°C) 0

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

Cooler Temp Corrected (°C): 3.4

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	

Field Data Required? ☐ Yes ☐ No

COMMENTS/SAMPLE DISCREPANCY

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: Date/Time:

Project Manager SCURF Review: Date:

Project Manager SRF Review: Date:

Pace	DC#_Title: ENV-FRM-HUN1-0083 v05_Sample Condition Upon Receipt
	Effective Date: 05/24/2024

WO#: 92861302

PM: BV Due Date: 06/04/26

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 GA Power Profile/EZ (Circle one) Notes

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BPIN	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		2		2 ✓																						
2		1	1		2		2 ✓																						
3		1	1		2		2 ✓																						
4		1	1		2		2 ✓																						
5		1	1		2		2 ✓																						
6		1	1		2		2 ✓																						
7		1	1		2		2 ✓																						
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.

Pace® Location Requested (City/State):
Pace Analytical Charlotte
9800 Kincey Ave. Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

92861302

Scan QR Code for instructions

Company Name:	Georgia Power- Hammond	Contact/Report To:	Chris Tidwell
Street Address:	241 Ralph McGill Blvd NE Bin 10160 Atlanta, GA 30308	Phone #:	404-316-7524
		E-Mail:	catidwel@southernco.com
		Cc E-Mail:	
Customer Project #:			
Project Name:	Plant Hammond-Huffaker Parcel A,B&E -2nd Background	Invoice To:	Account Payable
		Invoice E-Mail:	georgiapowerinvoices@southernco.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	GPC82474-0011
		Quote #:	
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET		County / State origin of sample(s):	Georgia

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **: 3 | 3 | 3 | 2 | 3 | 1

Identify Container Preservative Type***: 2 | 2 | 2 | 1 | 1 | 2

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj. Mgr: Bonnie Vang; AcctNum / Client ID:; Table #:; Profile / Template: 16483; Prelog / Bottle Ord. ID: EZ 3367411

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	App. III Metals	App. IV Metals	App. I Metals: Cu, Ni, Ag, V, Zn	2540C Total Dissolved Solids	300.0 - Cl, SO4, F	RAD 226/228	Sample Comment	Preservation non-conformance identified for sample
HAM-GWC-21A	WG	Grab			5/19/2026	1533	6			X	X	X	X	X	X	Temp = 19.65 deg C 001	
HAM-GWC-42	WG	Grab			5/19/2026	1631	6			X	X	X	X	X	X	Temp = 20.71 deg C 002	
HAM-GWC-43	WG	Grab			5/19/2026	1209	6			X	X	X	X	X	X	Temp = 17.45 deg C 003	
HAM-GWC-44	WG	Grab			5/19/2026	1420	6			X	X	X	X	X	X	Temp = 21.10 deg C 004	
HAM-HLF-ABE-FD-01	WG	Grab			5/19/2026	0000	6			X	X	X	X	X	X	Temp = 19.73 deg C 005	
HAM-HLF-ABE-EB-01	WQ	Grab	ZW 5/19/2026		5/19/2026	1445	6			X	X	X	X	X	X	Temp = 19.73 deg C 006	
HAM-HLF-ABE-FB-01	WQ	Grab			5/19/2026	1450	6	ZW 5/19/2026		X	X	X	X	X	X	Temp = 19.73 deg C 007	
			ZW 5/19/2026														

Additional Instructions from Pace*:
Task Code: HAM-CCR-OTH-20260518.
App III metals include B, Ca, Cl, F, SO4, TDS.
App IV metals include Sb, As, Ba, Be, Cd, Cr, Co, F, Pb, Li, Hg, Mo, Se, Tl, Ra.
App I metals include Cu, Ni, Ag, V, Zn.

Collected By: (Printed Name) Zain Webb & Alex Ullrich

Signature: Zain Webb

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID	Correction Factor (°C)	Obs. Temp. (°C)	Corrected Temp (°C)	On Ice:

Relinquished by/Company: (Signature)	Date/Time	Received by/Company: (Signature)	Date/Time
Zain Webb / Geosyntec	5-20-26 0945	Ryan Williams / Pace	5/20/26 0945
Ryan Williams / Pace	5/20/26 1245		5/20/26 1245

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 1 of 1

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

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

June 23, 2026

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

RE: Project: Huffaker-ParcAB&E-2nd Bkgd-RAD
Pace Project No.: 92861307

Dear Kristen Jurinko:

Enclosed are the analytical results for sample(s) received by the laboratory on May 20, 2026. 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 - Greensburg

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

Sincerely,

Bonnie Vang

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
Amanda Tomlinson, Geosyntec Consultants
Zain Webb, Geosyntec Consultants

REPORT OF LABORATORY ANALYSIS

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(704)875-9092

CERTIFICATIONS

Project:	Huffaker-ParcAB&E-2nd Bkgd-RAD
Pace Project No.:	92861307

Pace Analytical Services Pennsylvania
1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANABISO/IEC 17025:2017 Rad Cert#: L24170
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 2950
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
EPA Region 3 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA010
Louisiana DEQ/TNI Certification #: 04086
Maine Certification #: 2023021
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991
Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572023-03
New Hampshire/TNI Certification #: 297622
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-015
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN02867
Texas/TNI Certification #: T104704188-22-18
Utah/TNI Certification #: PA014572223-14
USDA Soil Permit #: 525-23-67-77263
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad

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SAMPLE SUMMARY

Project: Huffaker-ParcAB&E-2nd Bkgd-RAD
Pace Project No.: 92861307

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92861307001	**HAM-GWC-21A**	Water	05/19/26 15:33	05/20/26 12:45
92861307002	**HAM-GWC-42**	Water	05/19/26 16:31	05/20/26 12:45
92861307003	**HAM-GWC-43**	Water	05/19/26 12:09	05/20/26 12:45
92861307004	**HAM-GWC-44**	Water	05/19/26 14:20	05/20/26 12:45
92861307005	**HAM-HLF-ABE-FD-01**	Water	05/19/26 00:00	05/20/26 12:45
92861307006	**HAM-HLF-ABE-EB-01**	Water	05/19/26 14:45	05/20/26 12:45
92861307007	**HAM-HLF-ABE-FB-01**	Water	05/19/26 14:50	05/20/26 12:45

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SAMPLE ANALYTE COUNT

Project: Huffaker-ParcAB&E-2nd Bkgd-RAD
Pace Project No.: 92861307

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92861307001	**HAM-GWC-21A**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JGH	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92861307002	**HAM-GWC-42**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JGH	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92861307003	**HAM-GWC-43**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JGH	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92861307004	**HAM-GWC-44**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JGH	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92861307005	**HAM-HLF-ABE-FD-01**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JGH	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92861307006	**HAM-HLF-ABE-EB-01**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JGH	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92861307007	**HAM-HLF-ABE-FB-01**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JGH	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA

PASI-PA = Pace Analytical Services - Greensburg

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

SUMMARY OF DETECTION

Project: Huffaker-ParcAB&E-2nd Bkgd-RAD
Pace Project No.: 92861307

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92861307001	**HAM-GWC-21A**					
EPA 9315	Radium-226	0.0938U ± 0.208 (0.488) C:89% T:NA	pCi/L		06/17/26 10:00	
EPA 9320	Radium-228	0.119U ± 0.280 (0.624) C:88% T:82%	pCi/L		06/16/26 16:15	
Total Radium Calculation	Total Radium	0.213U ± 0.488 (1.11)	pCi/L		06/17/26 17:39	
92861307002	**HAM-GWC-42**					
EPA 9315	Radium-226	0.244U ± 0.289 (0.615) C:80% T:NA	pCi/L		06/17/26 10:00	
EPA 9320	Radium-228	0.177U ± 0.312 (0.682) C:87% T:84%	pCi/L		06/16/26 16:15	
Total Radium Calculation	Total Radium	0.421U ± 0.601 (1.30)	pCi/L		06/17/26 17:39	
92861307003	**HAM-GWC-43**					
EPA 9315	Radium-226	0.322U ± 0.253 (0.467) C:86% T:NA	pCi/L		06/17/26 10:00	
EPA 9320	Radium-228	0.489U ± 0.365 (0.708) C:86% T:81%	pCi/L		06/16/26 16:15	
Total Radium Calculation	Total Radium	0.811U ± 0.618 (1.18)	pCi/L		06/17/26 17:39	
92861307004	**HAM-GWC-44**					
EPA 9315	Radium-226	0.0757U ± 0.233 (0.560) C:88% T:NA	pCi/L		06/17/26 10:00	
EPA 9320	Radium-228	0.555U ± 0.449 (0.906) C:89% T:85%	pCi/L		06/16/26 16:15	
Total Radium Calculation	Total Radium	0.631U ± 0.682 (1.47)	pCi/L		06/17/26 17:39	

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SUMMARY OF DETECTION

Project: Huffaker-ParcAB&E-2nd Bkgd-RAD
Pace Project No.: 92861307

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92861307005	**HAM-HLF-ABE-FD-01**					
EPA 9315	Radium-226	0.160U ± 0.239 (0.529) C:84% T:NA	pCi/L		06/17/26 10:00	
EPA 9320	Radium-228	0.456U ± 0.428 (0.881) C:82% T:88%	pCi/L		06/16/26 16:15	
Total Radium Calculation	Total Radium	0.616U ± 0.667 (1.41)	pCi/L		06/17/26 17:39	
92861307006	**HAM-HLF-ABE-EB-01**					
EPA 9315	Radium-226	-0.149U ± 0.212 (0.616) C:84% T:NA	pCi/L		06/17/26 10:00	
EPA 9320	Radium-228	0.0667U ± 0.303 (0.692) C:86% T:90%	pCi/L		06/16/26 16:15	
Total Radium Calculation	Total Radium	0.0667U ± 0.515 (1.31)	pCi/L		06/17/26 17:39	
92861307007	**HAM-HLF-ABE-FB-01**					
EPA 9315	Radium-226	0.124U ± 0.240 (0.553) C:84% T:NA	pCi/L		06/17/26 10:00	
EPA 9320	Radium-228	0.446U ± 0.519 (1.10) C:79% T:82%	pCi/L		06/16/26 16:15	
Total Radium Calculation	Total Radium	0.570U ± 0.759 (1.65)	pCi/L		06/17/26 17:39	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Huffaker-ParcAB&E-2nd Bkgd-RAD
Pace Project No.: 92861307

Sample: HAM-GWC-21A **Lab ID: 92861307001** Collected: 05/19/26 15:33 Received: 05/20/26 12:45 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.0938U ± 0.208 (0.488)** **C:89% T:NA**	pCi/L	06/17/26 10:00	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.119U ± 0.280 (0.624)** **C:88% T:82%**	pCi/L	06/16/26 16:15	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.213U ± 0.488 (1.11)**	pCi/L	06/17/26 17:39	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Huffaker-ParcAB&E-2nd Bkgd-RAD
Pace Project No.: 92861307

Sample: HAM-GWC-42 **Lab ID: 92861307002** Collected: 05/19/26 16:31 Received: 05/20/26 12:45 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.244U ± 0.289 (0.615)** **C:80% T:NA**	pCi/L	06/17/26 10:00	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.177U ± 0.312 (0.682)** **C:87% T:84%**	pCi/L	06/16/26 16:15	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.421U ± 0.601 (1.30)**	pCi/L	06/17/26 17:39	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Huffaker-ParcAB&E-2nd Bkgd-RAD
Pace Project No.: 92861307

Sample: HAM-GWC-43 **Lab ID: 92861307003** Collected: 05/19/26 12:09 Received: 05/20/26 12:45 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.322U ± 0.253 (0.467) C:86% T:NA**	pCi/L	06/17/26 10:00	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.489U ± 0.365 (0.708) C:86% T:81%**	pCi/L	06/16/26 16:15	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.811U ± 0.618 (1.18)**	pCi/L	06/17/26 17:39	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Huffaker-ParcAB&E-2nd Bkgd-RAD
Pace Project No.: 92861307

Sample: HAM-GWC-44 **Lab ID: 92861307004** Collected: 05/19/26 14:20 Received: 05/20/26 12:45 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.0757U ± 0.233 (0.560)** **C:88% T:NA**	pCi/L	06/17/26 10:00	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.555U ± 0.449 (0.906)** **C:89% T:85%**	pCi/L	06/16/26 16:15	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.631U ± 0.682 (1.47)**	pCi/L	06/17/26 17:39	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Huffaker-ParcAB&E-2nd Bkgd-RAD
Pace Project No.: 92861307

Sample: HAM-HLF-ABE-FD-01 **Lab ID: 92861307005** Collected: 05/19/26 00:00 Received: 05/20/26 12:45 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.160U ± 0.239 (0.529)** **C:84% T:NA**	pCi/L	06/17/26 10:00	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.456U ± 0.428 (0.881)** **C:82% T:88%**	pCi/L	06/16/26 16:15	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.616U ± 0.667 (1.41)**	pCi/L	06/17/26 17:39	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Huffaker-ParcAB&E-2nd Bkgd-RAD
Pace Project No.: 92861307

Sample: HAM-HLF-ABE-EB-01 **Lab ID: 92861307006** Collected: 05/19/26 14:45 Received: 05/20/26 12:45 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**-0.149U ± 0.212 (0.616) C:84% T:NA**	pCi/L	06/17/26 10:00	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.0667U ± 0.303 (0.692) C:86% T:90%**	pCi/L	06/16/26 16:15	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.0667U ± 0.515 (1.31)**	pCi/L	06/17/26 17:39	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Huffaker-ParcAB&E-2nd Bkgd-RAD
Pace Project No.: 92861307

Sample: HAM-HLF-ABE-FB-01 **Lab ID: 92861307007** Collected: 05/19/26 14:50 Received: 05/20/26 12:45 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.124U ± 0.240 (0.553)** **C:84% T:NA**	pCi/L	06/17/26 10:00	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.446U ± 0.519 (1.10)** **C:79% T:82%**	pCi/L	06/16/26 16:15	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.570U ± 0.759 (1.65)**	pCi/L	06/17/26 17:39	7440-14-4	

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QUALITY CONTROL - RADIOCHEMISTRY

Project: Huffaker-ParcAB&E-2nd Bkgd-RAD
Pace Project No.: 92861307

QC Batch: 821212 | Analysis Method: EPA 9320
QC Batch Method: EPA 9320 | Analysis Description: 9320 Radium 228
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 92861307001, 92861307002, 92861307003, 92861307004, 92861307005, 92861307006, 92861307007

METHOD BLANK: 4011024 | Matrix: Water
Associated Lab Samples: 92861307001, 92861307002, 92861307003, 92861307004, 92861307005, 92861307006, 92861307007

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.434 ± 0.340 (0.665) C:83% T:88%	pCi/L	06/16/26 16:15	

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.

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QUALITY CONTROL - RADIOCHEMISTRY

Project: Huffaker-ParcAB&E-2nd Bkgd-RAD
Pace Project No.: 92861307

QC Batch: 821210 | Analysis Method: EPA 9315
QC Batch Method: EPA 9315 | Analysis Description: 9315 Total Radium
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 92861307001, 92861307002, 92861307003, 92861307004, 92861307005, 92861307006, 92861307007

METHOD BLANK: 4011021 | Matrix: Water
Associated Lab Samples: 92861307001, 92861307002, 92861307003, 92861307004, 92861307005, 92861307006, 92861307007

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.161 ± 0.205 (0.436) C:92% T:NA	pCi/L	06/17/26 10:00	

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.

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QUALIFIERS

Project: Huffaker-ParcAB&E-2nd Bkgd-RAD
Pace Project No.: 92861307

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.

Act - Activity

Unc - Uncertainty: SDWA = 1.96 sigma count uncertainty, all other matrices = Expanded Uncertainty (95% confidence interval). Gamma Spec = Expanded Uncertainty (95.4% Confidence Interval)

(MDC) - Minimum Detectable Concentration

Trac - Tracer Recovery (%)

Carr - Carrier Recovery (%)

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

TNI - The NELAC Institute.

WORKORDER QUALIFIERS

WO: 92861307

[1] GEOSYNTEC

[2] DO NOT DILUTE. MUST MEET REPORTING LIMITS. LET PM KNOW FIRST IF THERE ARE ISSUES.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Huffaker-ParcAB&E-2nd Bkgd-RAD
Pace Project No.: 92861307

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92861307001	**HAM-GWC-21A**	EPA 9315	821210		
92861307002	**HAM-GWC-42**	EPA 9315	821210		
92861307003	**HAM-GWC-43**	EPA 9315	821210		
92861307004	**HAM-GWC-44**	EPA 9315	821210		
92861307005	**HAM-HLF-ABE-FD-01**	EPA 9315	821210		
92861307006	**HAM-HLF-ABE-EB-01**	EPA 9315	821210		
92861307007	**HAM-HLF-ABE-FB-01**	EPA 9315	821210		
92861307001	**HAM-GWC-21A**	EPA 9320	821212		
92861307002	**HAM-GWC-42**	EPA 9320	821212		
92861307003	**HAM-GWC-43**	EPA 9320	821212		
92861307004	**HAM-GWC-44**	EPA 9320	821212		
92861307005	**HAM-HLF-ABE-FD-01**	EPA 9320	821212		
92861307006	**HAM-HLF-ABE-EB-01**	EPA 9320	821212		
92861307007	**HAM-HLF-ABE-FB-01**	EPA 9320	821212		
92861307001	**HAM-GWC-21A**	Total Radium Calculation	824391		
92861307002	**HAM-GWC-42**	Total Radium Calculation	824391		
92861307003	**HAM-GWC-43**	Total Radium Calculation	824391		
92861307004	**HAM-GWC-44**	Total Radium Calculation	824391		
92861307005	**HAM-HLF-ABE-FD-01**	Total Radium Calculation	824391		
92861307006	**HAM-HLF-ABE-EB-01**	Total Radium Calculation	824391		
92861307007	**HAM-HLF-ABE-FB-01**	Total Radium Calculation	824391		

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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 ☐

WO# : 92861307
92861307

Sample Condition Upon Receipt

Client Name: GA Power

Project #:

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

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

Date/Initials Person Examining Contents: 5/20/26 am

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

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

Thermometer: ☐ IR Gun ID: 214

Type of Ice: ☑ Wet ☐ Blue ☐ None

Cooler Temp: 3.4 Correction Factor: Add/Subtract (°C) 0

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

Cooler Temp Corrected (°C): 3.4

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	

Field Data Required? ☐ Yes ☐ No

COMMENTS/SAMPLE DISCREPANCY

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: Date/Time:

Project Manager SCURF Review: Date:

Project Manager SRF Review: Date:

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

Effective Date: 05/24/2024

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

Project # **WO#: 92861307**
PM: BV Due Date: 06/11/26
CLIENT: 92- GP-HAM

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

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

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP1N	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)	K2TU-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		2		2 ✓																						
2		1	1		2		2 ✓																						
3		1	1		2		2 ✓																						
4		1	1		2		2 ✓																						
5		1	1		2		2 ✓																						
6		1	1		2		2 ✓																						
7		1	1		2		2 ✓																						
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.

Pace® Location Requested (City/State):
Pace Analytical Charlotte
9800 Kincey Ave. Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

92861307

Scan QR Code for instructions

Company Name:	Georgia Power- Hammond	Contact/Report To:	Chris Tidwell
Street Address:	241 Ralph McGill Blvd NE Bin 10160 Atlanta, GA 30308	Phone #:	404-316-7524
		E-Mail:	catidwel@southernco.com
		Cc E-Mail:	
Customer Project #:			
Project Name:	Plant Hammond-Huffaker Parcel A,B&E -2nd Background	Invoice To:	Account Payable
		Invoice E-Mail:	georgiapowerinvoices@southernco.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	GPC82474-0011
		Quote #:	
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET		County / State origin of sample(s):	Georgia

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other _____

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **: 3 | 3 | 3 | 2 | 3 | 1

Identify Container Preservative Type***: 2 | 2 | 2 | 1 | 1 | 2

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj. Mgr: Bonnie Vang; Acct Num / Client ID:; Table #:; Profile / Template: 16483; Prelog / Bottle Ord. ID: EZ 3367411

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	App. III Metals	App. IV Metals	App. I Metals: Cu, Ni, Ag, V, Zn	2540C Total Dissolved Solids	300.0 - Cl, SO4, F	RAD 226/228	Sample Comment	Preservation non-conformance identified for sample
HAM-GWC-21A	WG	Grab			5/19/2026	1533	6			X	X	X	X	X	X	Temp = 19.65 deg C 001	
HAM-GWC-42	WG	Grab			5/19/2026	1631	6			X	X	X	X	X	X	Temp = 20.71 deg C 002	
HAM-GWC-43	WG	Grab			5/19/2026	1209	6			X	X	X	X	X	X	Temp = 17.45 deg C 003	
HAM-GWC-44	WG	Grab			5/19/2026	1420	6			X	X	X	X	X	X	Temp = 21.10 deg C 004	
HAM-HLF-ABE-FD-01	WG	Grab			5/19/2026	0000	6			X	X	X	X	X	X	Temp = 19.73 deg C 005	
HAM-HLF-ABE-EB-01	WQ	Grab	ZW 5/19/2026		5/19/2026	1445	6			X	X	X	X	X	X	Temp = 19.73 deg C 006	
HAM-HLF-ABE-FB-01	WQ	Grab			5/19/2026	1450	6	ZW 5/19/2026		X	X	X	X	X	X	Temp = 19.73 deg C 007	
			ZW 5/19/2026														

Additional Instructions from Pace*:
Task Code: HAM-CCR-OTH-20260518.
App III metals include B, Ca, Cl, F, SO4, TDS.
App IV metals include Sb, As, Ba, Be, Cd, Cr, Co, F, Pb, Li, Hg, Mo, Se, Tl, Ra.
App I metals include Cu, Ni, Ag, V, Zn.

Collected By: (Printed Name) Zain Webb & Alex Ullrich

Signature: Zain Webb

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: | Thermometer ID | Correction Factor (°C) | Obs. Temp. (°C) | Corrected Temp (°C) | On Ice:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Zain Webb / Geosyntec	5-20-26 0945	Ryan Williams / Pace	5/20/26 0945
Ryan Williams / Pace	5/20/26 1245		5/20/26 1245

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

Quality Control Sample Performance Assessment

Pace Analytical™
www.pacelabs.com

Test:	Ra-228
Analyst:	JGH
Date:	6/5/2026
Worklist:	91431
Matrix:	WT

Analyst Must Manually Enter All Fields Highlighted in Yellow.

Method Blank Assessment	
MB Sample ID	4011024
MB concentration:	0.434
M/B 2 Sigma CSU:	0.340
MB MDC:	0.665
MB Numerical Performance Indicator:	2.50
MB Status vs Numerical Indicator:	Warning
MB Status vs. MDC:	Pass

Laboratory Control Sample Assessment	LCSD (Y or N)?	Y
	LCS91431	LCSD91431
Count Date:	6/16/2026	6/16/2026
Spike I.D.:	26-014	26-014
Decay Corrected Spike Concentration (pCi/mL):	39.446	39.446
Volume Used (mL):	0.10	0.10
Aliquot Volume (L, g, F):	0.818	0.818
Target Conc. (pCi/L, g, F):	4.822	4.825
Uncertainty (Calculated):	0.236	0.236
Result (pCi/L, g, F):	3.730	4.282
LCS/LCSD 2 Sigma CSU (pCi/L, g, F):	0.905	1.004
Numerical Performance Indicator:	-2.29	-1.03
Percent Recovery:	77.35%	88.75%
Status vs Numerical Indicator:	N/A	N/A
Status vs Recovery:	Pass	Pass
Upper % Recovery Limits:	135%	135%
Lower % Recovery Limits:	60%	60%

Sample Matrix Spike Control Assessment	MS/MSD 1	MS/MSD 2
Sample Collection Date:		
Sample I.D.		
Sample MS I.D.		
Sample MSD I.D.		
Spike I.D.:		
MS/MSD Decay Corrected Spike Concentration (pCi/mL):		
Spike Volume Used in MS (mL):		
Spike Volume Used in MSD (mL):		
MS Aliquot (L, g, F):		
MS Target Conc.(pCi/L, g, F):		
MSD Aliquot (L, g, F):		
MSD Target Conc. (pCi/L, g, F):		
MS Spike Uncertainty (calculated):		
MSD Spike Uncertainty (calculated):		
Sample Result:		
Sample Result 2 Sigma CSU (pCi/L, g, F):		
Sample Matrix Spike Result:		
Matrix Spike Result 2 Sigma CSU (pCi/L, g, F):		
Sample Matrix Spike Duplicate Result:		
Matrix Spike Duplicate Result 2 Sigma CSU (pCi/L, g, F):		
MS Numerical Performance Indicator:		
MSD Numerical Performance Indicator:		
MS Percent Recovery:		
MSD Percent Recovery:		
MS Status vs Numerical Indicator:		
MSD Status vs Numerical Indicator:		
MS Status vs Recovery:		
MSD Status vs Recovery:		
MS/MSD Upper % Recovery Limits:		
MS/MSD Lower % Recovery Limits:		

Duplicate Sample Assessment		
Sample I.D.:	LCS91431	Enter Duplicate sample IDs if other than LCS/LCSD in the space below.
Duplicate Sample I.D.	LCSD91431	
Sample Result (pCi/L, g, F):	3.730	
Sample Result 2 Sigma CSU (pCi/L, g, F):	0.905	
Sample Duplicate Result (pCi/L, g, F):	4.282	
Sample Duplicate Result 2 Sigma CSU (pCi/L, g, F):	1.004	
Are sample and/or duplicate results below RL?	NO	
Duplicate Numerical Performance Indicator:	-0.800	
(Based on the LCS/LCSD Percent Recoveries) Duplicate RPD:	13.73%	
Duplicate Status vs Numerical Indicator:	Pass	
Duplicate Status vs RPD:	Pass	
% RPD Limit:	36%	

Matrix Spike/Matrix Spike Duplicate Sample Assessment		
Sample I.D.		
Sample MS I.D.		
Sample MSD I.D.		
Sample Matrix Spike Result:		
Matrix Spike Result 2 Sigma CSU (pCi/L, g, F):		
Sample Matrix Spike Duplicate Result:		
Matrix Spike Duplicate Result 2 Sigma CSU (pCi/L, g, F):		
Duplicate Numerical Performance Indicator:		
(Based on the Percent Recoveries) MS/ MSD Duplicate RPD:		
MS/ MSD Duplicate Status vs Numerical Indicator:		
MS/ MSD Duplicate Status vs RPD:		
% RPD Limit:		

Evaluation of duplicate precision is not applicable if either the sample or duplicate results are below the MDC.

Comments:

VAL
6/17/26

MH 6/17/26

Quality Control Sample Performance Assessment

Pace Analytical
www.pacelabs.com

Test:	Ra-226
Analyst:	SLC
Date:	6/15/2026
Worklist:	91430
Matrix:	W

Analyst Must Manually Enter All Fields Highlighted in Yellow.

Method Blank Assessment	
MB Sample ID	4011021
MB concentration:	0.161
M/B 2 Sigma CSU:	0.205
MB MDC:	0.436
MB Numerical Performance Indicator:	1.54
MB Status vs Numerical Indicator:	Pass
MB Status vs. MDC:	N/A

Laboratory Control Sample Assessment	LCSD (Y or N)?	Y
	LCS91430	LCSD91430
Count Date:	6/17/2026	6/17/2026
Spike I.D.:	23-014	23-014
Decay Corrected Spike Concentration (pCi/mL):	25.001	25.001
Volume Used (mL):	0.10	0.10
Aliquot Volume (L, g, F):	0.502	0.504
Target Conc. (pCi/L, g, F):	4.983	4.956
Uncertainty (Calculated):	0.234	0.233
Result (pCi/L, g, F):	4.789	4.523
LCS/LCSD 2 Sigma CSU (pCi/L, g, F):	1.012	1.042
Numerical Performance Indicator:	-0.37	-0.79
Percent Recovery:	96.10%	91.28%
Status vs Numerical Indicator:	Pass	Pass
Status vs Recovery:	N/A	N/A
Upper % Recovery Limits:	125%	125%
Lower % Recovery Limits:	75%	75%

Sample Matrix Spike Control Assessment	MS/MSD 1	MS/MSD 2
Sample Collection Date:		
Sample I.D.		
Sample MS I.D.		
Sample MSD I.D.		
Spike I.D.:		
MS/MSD Decay Corrected Spike Concentration (pCi/mL):		
Spike Volume Used in MS (mL):		
Spike Volume Used in MSD (mL):		
MS Aliquot (L, g, F):		
MS Target Conc.(pCi/L, g, F):		
MSD Aliquot (L, g, F):		
MSD Target Conc. (pCi/L, g, F):		
MS Spike Uncertainty (calculated):		
MSD Spike Uncertainty (calculated):		
Sample Result:		
Sample Result 2 Sigma CSU (pCi/L, g, F):		
Sample Matrix Spike Result:		
Matrix Spike Result 2 Sigma CSU (pCi/L, g, F):		
Sample Matrix Spike Duplicate Result:		
Matrix Spike Duplicate Result 2 Sigma CSU (pCi/L, g, F):		
MS Numerical Performance Indicator:		
MSD Numerical Performance Indicator:		
MS Percent Recovery:		
MSD Percent Recovery:		
MS Status vs Numerical Indicator:		
MSD Status vs Numerical Indicator:		
MS Status vs Recovery:		
MSD Status vs Recovery:		
MS/MSD Upper % Recovery Limits:		
MS/MSD Lower % Recovery Limits:		

Duplicate Sample Assessment		
Sample I.D.:	LCS91430	92861307001
Duplicate Sample I.D.	LCSD91430	92861307001DUP
Sample Result (pCi/L, g, F):	4.789	0.094
Sample Result 2 Sigma CSU (pCi/L, g, F):	1.012	0.208
Sample Duplicate Result (pCi/L, g, F):	4.523	-0.084
Sample Duplicate Result 2 Sigma CSU (pCi/L, g, F):	1.042	0.196
Are sample and/or duplicate results below RL?	NO	See Below ##
Duplicate Numerical Performance Indicator:	0.358	1.220
(Based on the LCS/LCSD Percent Recoveries) Duplicate RPD:	5.15%	3693.08%
Duplicate Status vs Numerical Indicator:	Pass	Pass
Duplicate Status vs RPD:	N/A	N/A
% RPD Limit:	25%	25%

Matrix Spike/Matrix Spike Duplicate Sample Assessment		
Sample I.D.		
Sample MS I.D.		
Sample MSD I.D.		
Sample Matrix Spike Result:		
Matrix Spike Result 2 Sigma CSU (pCi/L, g, F):		
Sample Matrix Spike Duplicate Result:		
Matrix Spike Duplicate Result 2 Sigma CSU (pCi/L, g, F):		
Duplicate Numerical Performance Indicator:		
(Based on the Percent Recoveries) MS/ MSD Duplicate RPD:		
MS/ MSD Duplicate Status vs Numerical Indicator:		
MS/ MSD Duplicate Status vs RPD:		
% RPD Limit:		

Evaluation of duplicate precision is not applicable if either the sample or duplicate results are below the MDC.

Comments:

CT
6-17-26

VAM 6/17/26

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

June 12, 2026

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

RE: Project: Huffaker-Parcel F-2nd Bkgd
Pace Project No.: 92861310

Dear Kristen Jurinko:

Enclosed are the analytical results for sample(s) received by the laboratory between May 20, 2026 and May 26, 2026. 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 National - Mt. Juliet
- 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
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
Amanda Tomlinson, Geosyntec Consultants
Zain Webb, Geosyntec Consultants

REPORT OF LABORATORY ANALYSIS

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

CERTIFICATIONS

Project: Huffaker-Parcel F-2nd Bkgd
Pace Project No.: 92861310

Pace Analytical Services National
12065 Lebanon Road, Mt. Juliet, TN 37122
Alabama Certification #: 40660
Alaska Certification 17-026
Arizona Certification #: AZ0612
Arkansas Certification #: 88-0469
California Certification #: 2932
Canada Certification #: 1461.01
Colorado Certification #: TN00003
Connecticut Certification #: PH-0197
DOD Certification: #1461.01
EPA# TN00003
Florida Certification #: E87487
Georgia DW Certification #: 923
Georgia Certification: NELAP
Idaho Certification #: TN00003
Illinois Certification #: 200008
Indiana Certification #: C-TN-01
Iowa Certification #: 364
Kansas Certification #: E-10277
Kentucky UST Certification #: 16
Kentucky Certification #: 90010
Louisiana Certification #: AI30792
Louisiana DW Certification #: LA180010
Maine Certification #: TN0002
Maryland Certification #: 324
Massachusetts Certification #: M-TN003
Michigan Certification #: 9958
Minnesota Certification #: 047-999-395
Mississippi Certification #: TN00003
Missouri Certification #: 340
Montana Certification #: CERT0086
Nebraska Certification #: NE-OS-15-05
Nevada Certification #: TN-03-2002-34
New Hampshire Certification #: 2975
New Jersey Certification #: TN002
New Mexico DW Certification
New York Certification #: 11742
North Carolina Aquatic Toxicity Certification #: 41
North Carolina Drinking Water Certification #: 21704
North Carolina Environmental Certificate #: 375
North Dakota Certification #: R-140
Ohio VAP Certification #: CL0069
Oklahoma Certification #: 9915
Oregon Certification #: TN200002
Pennsylvania Certification #: 68-02979
Rhode Island Certification #: LAO00356
South Carolina Certification #: 84004
South Dakota Certification
Tennessee DW/Chem/Micro Certification #: 2006
Texas Certification #: T 104704245-17-14
Texas Mold Certification #: LAB0152
USDA Soil Permit #: P330-15-00234
Utah Certification #: TN00003
Virginia Certification #: VT2006
Vermont Dept. of Health: ID# VT-2006
Virginia Certification #: 460132
Washington Certification #: C847
West Virginia Certification #: 233
Wisconsin Certification #: 998093910
Wyoming UST Certification #: via A2LA 2926.01
A2LA-ISO 17025 Certification #: 1461.01
A2LA-ISO 17025 Certification #: 1461.02
AIHA-LAP/LLC EMLAP Certification #:100789

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

SAMPLE SUMMARY

Project: Huffaker-Parcel F-2nd Bkgd
Pace Project No.: 92861310

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92861310001	**HAM-GWA-24**	Water	05/18/26 14:55	05/20/26 12:45
92861310002	**HAM-GWA-25**	Water	05/18/26 17:50	05/20/26 12:45
92861310003	**HAM-GWA-26**	Water	05/18/26 18:30	05/20/26 12:45
92861310004	**HAM-GWA-27**	Water	05/19/26 10:12	05/20/26 12:45
92861310005	**HAM-GWC-33**	Water	05/19/26 17:25	05/20/26 12:45
92861310006	**HAM-GWC-28**	Water	05/21/26 12:17	05/22/26 12:50
92861310007	**HAM-GWC-29**	Water	05/21/26 17:19	05/22/26 12:50
92861310008	**HAM-GWC-32**	Water	05/21/26 14:37	05/22/26 12:50
92861310009	**HAM-GWC-34**	Water	05/20/26 09:26	05/22/26 12:50
92861310010	**HAM-GWC-35**	Water	05/20/26 13:46	05/22/26 12:50
92861310011	**HAM-GWC-36**	Water	05/20/26 17:50	05/22/26 12:50
92861310012	**HAM-GWC-37**	Water	05/21/26 12:10	05/22/26 12:50
92861310013	**HAM-GWC-39**	Water	05/21/26 18:00	05/22/26 12:50
92861310014	**HAM-GWC-40**	Water	05/20/26 20:14	05/22/26 12:50
92861310015	**HAM-HLF-F-EB-02**	Water	05/20/26 18:45	05/22/26 12:50
92861310016	**HAM-HLF-F-FB-02**	Water	05/20/26 18:40	05/22/26 12:50
92861310017	**HAM-HLF-F-FD-02**	Water	05/21/26 00:00	05/22/26 12:50
92861310018	**HAM-GWC-30**	Water	05/22/26 13:47	05/26/26 14:25
92861310019	**HAM-GWC-31**	Water	05/22/26 12:00	05/26/26 14:25
92861310020	**HAM-GWC-38**	Water	05/22/26 14:20	05/26/26 14:25
92861310021	**HAM-GWC-41**	Water	05/22/26 10:40	05/26/26 14:25
92861310022	**HAM-HLF-F-FD-03**	Water	05/22/26 00:00	05/26/26 14:25
92861310023	**HAM-HLF-F-FB-03**	Water	05/22/26 14:45	05/26/26 14:25
92861310024	**HAM-HLF-F-EB-03**	Water	05/22/26 14:50	05/26/26 14:25

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

SAMPLE ANALYTE COUNT

Project: Huffaker-Parcel F-2nd Bkgd
Pace Project No.: 92861310

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92861310001	**HAM-GWA-24**	EPA 6020B	JPD	1	PAN
		SM 2540C-2020	CMW1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6020B	ARB	18	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92861310002	**HAM-GWA-25**	EPA 6020B	JPD	1	PAN
		SM 2540C-2020	CMW1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6020B	ARB	18	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92861310003	**HAM-GWA-26**	EPA 6020B	JPD	1	PAN
		SM 2540C-2020	CMW1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6020B	ARB	18	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92861310004	**HAM-GWA-27**	EPA 6020B	JPD	1	PAN
		SM 2540C-2020	CMW1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6020B	ARB	18	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92861310005	**HAM-GWC-33**	EPA 6020B	JPD	1	PAN
		SM 2540C-2020	CMW1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6020B	ARB	18	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92861310006	**HAM-GWC-28**	EPA 6020B	LD	1	PAN
		SM 2540C-2020	ACE	1	PASI-A
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6020B	BW	18	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92861310007	**HAM-GWC-29**	EPA 6020B	LD	1	PAN
		SM 2540C-2020	ACE	1	PASI-A
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6020B	BW	18	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92861310008	**HAM-GWC-32**	EPA 6020B	LD	1	PAN
		SM 2540C-2020	ACE	1	PASI-A

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SAMPLE ANALYTE COUNT

Project: Huffaker-Parcel F-2nd Bkgd
Pace Project No.: 92861310

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6020B	BW	18	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92861310009	**HAM-GWC-34**	EPA 6020B	LD	1	PAN
		SM 2540C-2020	ACE	1	PASI-A
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6020B	BW	18	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92861310010	**HAM-GWC-35**	EPA 6020B	LD	1	PAN
		SM 2540C-2020	ACE	1	PASI-A
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6020B	BW	18	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92861310011	**HAM-GWC-36**	EPA 6020B	LD	1	PAN
		SM 2540C-2020	ACE	1	PASI-A
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6020B	BW	18	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92861310012	**HAM-GWC-37**	EPA 6020B	LD	1	PAN
		SM 2540C-2020	ACE	1	PASI-A
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6020B	BW	18	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92861310013	**HAM-GWC-39**	EPA 6020B	LD	1	PAN
		SM 2540C-2020	ACE	1	PASI-A
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6020B	BW	18	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92861310014	**HAM-GWC-40**	EPA 6020B	LD	1	PAN
		SM 2540C-2020	ACE	1	PASI-A
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6020B	BW	18	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92861310015	**HAM-HLF-F-EB-02**	EPA 6020B	LD	1	PAN
		SM 2540C-2020	ACE	1	PASI-A
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6020B	BW	18	PASI-WC

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SAMPLE ANALYTE COUNT

Project: Huffaker-Parcel F-2nd Bkgd
Pace Project No.: 92861310

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 7470A	DH	1	PASI-WC
92861310016	**HAM-HLF-F-FB-02**	EPA 6020B	LD	1	PAN
		SM 2540C-2020	ACE	1	PASI-A
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6020B	BW	18	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92861310017	**HAM-HLF-F-FD-02**	EPA 6020B	LD	1	PAN
		SM 2540C-2020	ACE	1	PASI-A
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6020B	BW	18	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92861310018	**HAM-GWC-30**	EPA 6020B	JDM	1	PAN
		SM 2540C-2020	ACE	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6020B	ARB, BW	18	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92861310019	**HAM-GWC-31**	EPA 6020B	JDM	1	PAN
		SM 2540C-2020	ACE	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6020B	ARB, BW	18	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92861310020	**HAM-GWC-38**	EPA 6020B	JDM	1	PAN
		SM 2540C-2020	ACE	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6020B	ARB, BW	18	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92861310021	**HAM-GWC-41**	EPA 6020B	JDM	1	PAN
		SM 2540C-2020	ACE	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6020B	ARB, BW	18	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92861310022	**HAM-HLF-F-FD-03**	EPA 6020B	JDM	1	PAN
		SM 2540C-2020	ACE	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6020B	ARB, BW	18	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92861310023	**HAM-HLF-F-FB-03**	EPA 6020B	JDM	1	PAN

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SAMPLE ANALYTE COUNT

Project: Huffaker-Parcel F-2nd Bkgd
Pace Project No.: 92861310

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		SM 2540C-2020	ACE	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6020B	ARB, BW	18	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92861310024	**HAM-HLF-F-EB-03**	EPA 6020B	JDM	1	PAN
		SM 2540C-2020	ACE	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6020B	ARB, BW	18	PASI-WC
		EPA 7470A	DH	1	PASI-WC

PAN = Pace National - Mt. Juliet
PASI-A = Pace Analytical Services - Asheville
PASI-WC = Pace Analytical Services - West Columbia

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SUMMARY OF DETECTION

Project: Huffaker-Parcel F-2nd Bkgd
Pace Project No.: 92861310

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92861310001	**HAM-GWA-24**					
EPA 6020B	Lithium	0.00630	mg/L	0.00200	05/30/26 11:48	
SM 2540C-2020	Total Dissolved Solids	47.0	mg/L	25.0	05/21/26 23:06	
EPA 300.0 Rev 2.1 1993	Chloride	1.5	mg/L	1.0	05/21/26 05:15	
EPA 300.0 Rev 2.1 1993	Sulfate	1.4	mg/L	1.0	05/21/26 05:15	
EPA 6020B	Barium	0.0018J	mg/L	0.0050	06/02/26 09:43	
EPA 6020B	Boron	0.0091J	mg/L	0.040	06/02/26 09:43	B
EPA 6020B	Calcium	0.68	mg/L	0.40	06/02/26 09:43	
EPA 6020B	Chromium	0.00078J	mg/L	0.0050	06/02/26 09:43	
EPA 6020B	Cobalt	0.0021J	mg/L	0.0050	06/02/26 09:43	
EPA 6020B	Nickel	0.0021J	mg/L	0.0050	06/02/26 09:43	
EPA 6020B	Zinc	0.0030J	mg/L	0.010	06/02/26 09:43	
92861310002	**HAM-GWA-25**					
EPA 6020B	Lithium	0.00386	mg/L	0.00200	05/30/26 10:32	
EPA 300.0 Rev 2.1 1993	Chloride	1.9	mg/L	1.0	05/21/26 06:01	
EPA 300.0 Rev 2.1 1993	Sulfate	2.0	mg/L	1.0	05/21/26 06:01	
EPA 6020B	Barium	0.0061	mg/L	0.0050	06/02/26 09:47	
EPA 6020B	Calcium	1.5	mg/L	0.40	06/02/26 09:47	
EPA 6020B	Chromium	0.0019J	mg/L	0.0050	06/02/26 09:47	
EPA 6020B	Cobalt	0.0027J	mg/L	0.0050	06/02/26 09:47	
EPA 6020B	Copper	0.00073J	mg/L	0.0050	06/02/26 09:47	
EPA 6020B	Nickel	0.0067	mg/L	0.0050	06/02/26 09:47	
EPA 6020B	Zinc	0.011	mg/L	0.010	06/02/26 09:47	
92861310003	**HAM-GWA-26**					
EPA 6020B	Lithium	0.00824	mg/L	0.00200	05/30/26 11:51	
SM 2540C-2020	Total Dissolved Solids	86.0	mg/L	25.0	05/21/26 23:06	
EPA 300.0 Rev 2.1 1993	Chloride	1.7	mg/L	1.0	05/21/26 06:48	
EPA 300.0 Rev 2.1 1993	Fluoride	0.083J	mg/L	0.10	05/21/26 06:48	
EPA 300.0 Rev 2.1 1993	Sulfate	1.4	mg/L	1.0	05/21/26 06:48	
EPA 6020B	Arsenic	0.0012J	mg/L	0.0020	06/02/26 10:07	
EPA 6020B	Barium	0.030	mg/L	0.0050	06/02/26 10:07	
EPA 6020B	Boron	0.011J	mg/L	0.040	06/02/26 10:07	B
EPA 6020B	Calcium	17.4	mg/L	0.40	06/02/26 10:07	
EPA 6020B	Cobalt	0.0042J	mg/L	0.0050	06/02/26 10:07	
EPA 6020B	Nickel	0.0034J	mg/L	0.0050	06/02/26 10:07	
EPA 6020B	Zinc	0.0026J	mg/L	0.010	06/02/26 10:07	
92861310004	**HAM-GWA-27**					
EPA 6020B	Lithium	0.00777	mg/L	0.00200	05/30/26 11:55	
SM 2540C-2020	Total Dissolved Solids	40.0	mg/L	25.0	05/21/26 23:08	
EPA 300.0 Rev 2.1 1993	Chloride	1.7	mg/L	1.0	05/21/26 07:03	
EPA 300.0 Rev 2.1 1993	Sulfate	4.3	mg/L	1.0	05/21/26 07:03	
EPA 6020B	Barium	0.013	mg/L	0.0050	06/02/26 10:10	
EPA 6020B	Boron	0.0085J	mg/L	0.040	06/02/26 10:10	B
EPA 6020B	Calcium	3.1	mg/L	0.40	06/02/26 10:10	
EPA 6020B	Cobalt	0.0014J	mg/L	0.0050	06/02/26 10:10	
EPA 6020B	Nickel	0.0049J	mg/L	0.0050	06/02/26 10:10	
EPA 6020B	Zinc	0.0030J	mg/L	0.010	06/02/26 10:10	

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SUMMARY OF DETECTION

Project: Huffaker-Parcel F-2nd Bkgd
Pace Project No.: 92861310

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92861310005	**HAM-GWC-33**					
EPA 6020B	Lithium	0.0170	mg/L	0.00200	05/30/26 12:04	
SM 2540C-2020	Total Dissolved Solids	407	mg/L	25.0	05/21/26 23:08	
EPA 300.0 Rev 2.1 1993	Chloride	2.6	mg/L	1.0	05/21/26 07:18	
EPA 300.0 Rev 2.1 1993	Fluoride	0.057J	mg/L	0.10	05/21/26 07:18	
EPA 300.0 Rev 2.1 1993	Sulfate	92.0	mg/L	1.0	05/21/26 07:18	
EPA 6020B	Barium	0.10	mg/L	0.0050	06/02/26 10:13	
EPA 6020B	Boron	0.035J	mg/L	0.040	06/02/26 10:13	B
EPA 6020B	Calcium	104	mg/L	4.0	06/02/26 10:42	
EPA 6020B	Chromium	0.00089J	mg/L	0.0050	06/02/26 10:13	
92861310006	**HAM-GWC-28**					
EPA 6020B	Lithium	0.0167	mg/L	0.00200	05/31/26 18:51	
SM 2540C-2020	Total Dissolved Solids	89.0	mg/L	25.0	05/24/26 15:06	
EPA 300.0 Rev 2.1 1993	Chloride	1.1	mg/L	1.0	05/23/26 17:38	
EPA 6020B	Arsenic	0.00076J	mg/L	0.0020	06/03/26 17:27	
EPA 6020B	Barium	0.025	mg/L	0.0050	06/03/26 17:27	
EPA 6020B	Boron	0.0088J	mg/L	0.040	06/03/26 17:27	
EPA 6020B	Calcium	3.4	mg/L	0.40	06/03/26 17:27	
EPA 6020B	Chromium	0.00051J	mg/L	0.0050	06/03/26 17:27	
EPA 6020B	Cobalt	0.00061J	mg/L	0.0050	06/03/26 17:27	
EPA 6020B	Nickel	0.0011J	mg/L	0.0050	06/03/26 17:27	
92861310007	**HAM-GWC-29**					
EPA 6020B	Lithium	0.0101	mg/L	0.00200	05/31/26 18:54	
SM 2540C-2020	Total Dissolved Solids	129	mg/L	25.0	05/24/26 15:06	
EPA 300.0 Rev 2.1 1993	Chloride	1.1	mg/L	1.0	05/23/26 17:54	
EPA 300.0 Rev 2.1 1993	Fluoride	0.080J	mg/L	0.10	05/23/26 17:54	
EPA 300.0 Rev 2.1 1993	Sulfate	2.2	mg/L	1.0	05/23/26 17:54	
EPA 6020B	Barium	0.085	mg/L	0.0050	06/03/26 18:13	
EPA 6020B	Boron	0.0091J	mg/L	0.040	06/03/26 18:13	
EPA 6020B	Calcium	19.0	mg/L	0.40	06/03/26 18:13	
EPA 6020B	Chromium	0.00035J	mg/L	0.0050	06/03/26 18:13	
EPA 6020B	Cobalt	0.00070J	mg/L	0.0050	06/03/26 18:13	
EPA 6020B	Nickel	0.0018J	mg/L	0.0050	06/03/26 18:13	
EPA 6020B	Zinc	0.0015J	mg/L	0.010	06/03/26 18:13	
92861310008	**HAM-GWC-32**					
EPA 6020B	Lithium	0.0148	mg/L	0.00200	05/31/26 18:58	
SM 2540C-2020	Total Dissolved Solids	376	mg/L	25.0	05/24/26 15:06	
EPA 300.0 Rev 2.1 1993	Chloride	2.5	mg/L	1.0	05/23/26 18:09	
EPA 300.0 Rev 2.1 1993	Fluoride	0.095J	mg/L	0.10	05/23/26 18:09	
EPA 300.0 Rev 2.1 1993	Sulfate	43.4	mg/L	1.0	05/23/26 18:09	
EPA 6020B	Antimony	0.00062J	mg/L	0.0020	06/03/26 18:23	
EPA 6020B	Arsenic	0.0015J	mg/L	0.0020	06/03/26 18:23	
EPA 6020B	Barium	0.12	mg/L	0.0050	06/03/26 18:23	
EPA 6020B	Boron	0.061	mg/L	0.040	06/03/26 18:23	
EPA 6020B	Calcium	119	mg/L	2.0	06/04/26 14:36	
EPA 6020B	Cobalt	0.00045J	mg/L	0.0050	06/03/26 18:23	
EPA 6020B	Molybdenum	0.0025J	mg/L	0.010	06/03/26 18:23	

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SUMMARY OF DETECTION

Project: Huffaker-Parcel F-2nd Bkgd
Pace Project No.: 92861310

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92861310008	**HAM-GWC-32**					
EPA 6020B	Zinc	0.0018J	mg/L	0.010	06/03/26 18:23	
92861310009	**HAM-GWC-34**					
EPA 6020B	Lithium	0.0223	mg/L	0.00200	05/31/26 19:01	
SM 2540C-2020	Total Dissolved Solids	313	mg/L	25.0	05/24/26 09:49	
EPA 300.0 Rev 2.1 1993	Chloride	1.9	mg/L	1.0	05/23/26 18:24	
EPA 300.0 Rev 2.1 1993	Sulfate	47.3	mg/L	1.0	05/23/26 18:24	
EPA 6020B	Barium	0.12	mg/L	0.0050	06/03/26 18:32	
EPA 6020B	Boron	0.038J	mg/L	0.040	06/03/26 18:32	
EPA 6020B	Calcium	83.0	mg/L	2.0	06/04/26 14:45	
EPA 6020B	Chromium	0.00030J	mg/L	0.0050	06/03/26 18:32	
92861310010	**HAM-GWC-35**					
EPA 6020B	Lithium	0.0441	mg/L	0.00200	05/31/26 19:04	
SM 2540C-2020	Total Dissolved Solids	349	mg/L	25.0	05/24/26 09:50	
EPA 300.0 Rev 2.1 1993	Chloride	1.2	mg/L	1.0	05/23/26 19:10	
EPA 300.0 Rev 2.1 1993	Fluoride	0.055J	mg/L	0.10	05/23/26 19:10	
EPA 300.0 Rev 2.1 1993	Sulfate	148	mg/L	4.0	05/24/26 15:13	
EPA 6020B	Barium	0.051	mg/L	0.0050	06/03/26 19:18	
EPA 6020B	Boron	0.015J	mg/L	0.040	06/03/26 19:18	
EPA 6020B	Calcium	29.7	mg/L	0.40	06/03/26 19:18	
EPA 6020B	Chromium	0.00029J	mg/L	0.0050	06/03/26 19:18	
EPA 6020B	Cobalt	0.0018J	mg/L	0.0050	06/03/26 19:18	
EPA 6020B	Nickel	0.0047J	mg/L	0.0050	06/03/26 19:18	
92861310011	**HAM-GWC-36**					
EPA 6020B	Lithium	0.0181	mg/L	0.00200	05/31/26 19:07	
SM 2540C-2020	Total Dissolved Solids	251	mg/L	25.0	05/24/26 09:50	
EPA 300.0 Rev 2.1 1993	Chloride	1.9	mg/L	1.0	05/23/26 19:25	
EPA 300.0 Rev 2.1 1993	Sulfate	72.1	mg/L	1.0	05/23/26 19:25	
EPA 6020B	Barium	0.12	mg/L	0.0050	06/03/26 19:27	
EPA 6020B	Boron	0.015J	mg/L	0.040	06/03/26 19:27	
EPA 6020B	Calcium	43.7	mg/L	2.0	06/04/26 14:55	
EPA 6020B	Chromium	0.00037J	mg/L	0.0050	06/03/26 19:27	
EPA 6020B	Cobalt	0.00018J	mg/L	0.0050	06/03/26 19:27	
92861310012	**HAM-GWC-37**					
EPA 6020B	Lithium	0.0184	mg/L	0.00200	05/31/26 19:10	
SM 2540C-2020	Total Dissolved Solids	214	mg/L	25.0	05/24/26 15:06	
EPA 300.0 Rev 2.1 1993	Chloride	3.2	mg/L	1.0	05/23/26 19:40	
EPA 300.0 Rev 2.1 1993	Sulfate	26.2	mg/L	1.0	05/23/26 19:40	
EPA 6020B	Barium	0.25	mg/L	0.0050	06/03/26 19:36	
EPA 6020B	Boron	0.026J	mg/L	0.040	06/03/26 19:36	
EPA 6020B	Calcium	48.7	mg/L	2.0	06/04/26 15:04	
EPA 6020B	Chromium	0.00040J	mg/L	0.0050	06/03/26 19:36	
EPA 6020B	Cobalt	0.00055J	mg/L	0.0050	06/03/26 19:36	
EPA 6020B	Nickel	0.0018J	mg/L	0.0050	06/03/26 19:36	

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SUMMARY OF DETECTION

Project: Huffaker-Parcel F-2nd Bkgd
Pace Project No.: 92861310

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92861310013	**HAM-GWC-39**					
EPA 6020B	Lithium	0.00973	mg/L	0.00200	05/31/26 19:13	
SM 2540C-2020	Total Dissolved Solids	142	mg/L	25.0	05/24/26 15:09	
EPA 300.0 Rev 2.1 1993	Chloride	1.8	mg/L	1.0	05/23/26 20:26	
EPA 300.0 Rev 2.1 1993	Fluoride	0.13	mg/L	0.10	05/23/26 20:26	
EPA 300.0 Rev 2.1 1993	Sulfate	2.0	mg/L	1.0	05/23/26 20:26	
EPA 6020B	Arsenic	0.00070J	mg/L	0.0020	06/03/26 19:45	
EPA 6020B	Barium	0.11	mg/L	0.0050	06/03/26 19:45	
EPA 6020B	Boron	0.022J	mg/L	0.040	06/03/26 19:45	
EPA 6020B	Calcium	34.6	mg/L	2.0	06/04/26 15:13	
EPA 6020B	Chromium	0.00045J	mg/L	0.0050	06/03/26 19:45	
EPA 6020B	Cobalt	0.00016J	mg/L	0.0050	06/03/26 19:45	
92861310014	**HAM-GWC-40**					
EPA 6020B	Lithium	0.00291	mg/L	0.00200	05/31/26 19:16	
SM 2540C-2020	Total Dissolved Solids	162	mg/L	25.0	05/24/26 09:50	
EPA 300.0 Rev 2.1 1993	Chloride	0.88J	mg/L	1.0	05/23/26 20:41	
EPA 300.0 Rev 2.1 1993	Fluoride	0.099J	mg/L	0.10	05/23/26 20:41	
EPA 300.0 Rev 2.1 1993	Sulfate	2.2	mg/L	1.0	05/23/26 20:41	
EPA 6020B	Arsenic	0.00080J	mg/L	0.0020	06/03/26 19:55	
EPA 6020B	Barium	0.027	mg/L	0.0050	06/03/26 19:55	
EPA 6020B	Calcium	52.2	mg/L	2.0	06/04/26 15:22	
EPA 6020B	Chromium	0.00067J	mg/L	0.0050	06/03/26 19:55	
EPA 6020B	Zinc	0.0016J	mg/L	0.010	06/03/26 19:55	
92861310015	**HAM-HLF-F-EB-02**					
EPA 6020B	Chromium	0.00033J	mg/L	0.0050	06/03/26 20:04	
92861310016	**HAM-HLF-F-FB-02**					
EPA 6020B	Chromium	0.00031J	mg/L	0.0050	06/03/26 20:13	
92861310017	**HAM-HLF-F-FD-02**					
EPA 6020B	Lithium	0.00953	mg/L	0.00200	05/31/26 19:34	
SM 2540C-2020	Total Dissolved Solids	116	mg/L	25.0	05/24/26 15:09	
EPA 300.0 Rev 2.1 1993	Chloride	1.1	mg/L	1.0	05/23/26 20:56	
EPA 300.0 Rev 2.1 1993	Fluoride	0.072J	mg/L	0.10	05/23/26 20:56	
EPA 300.0 Rev 2.1 1993	Sulfate	2.2	mg/L	1.0	05/23/26 20:56	
EPA 6020B	Barium	0.094	mg/L	0.0050	06/03/26 20:22	
EPA 6020B	Boron	0.0092J	mg/L	0.040	06/03/26 20:22	
EPA 6020B	Calcium	19.9	mg/L	0.40	06/03/26 20:22	
EPA 6020B	Chromium	0.00029J	mg/L	0.0050	06/03/26 20:22	
EPA 6020B	Cobalt	0.00077J	mg/L	0.0050	06/03/26 20:22	
EPA 6020B	Nickel	0.0020J	mg/L	0.0050	06/03/26 20:22	
92861310018	**HAM-GWC-30**					
EPA 6020B	Lithium	0.00370	mg/L	0.00200	06/11/26 13:32	
SM 2540C-2020	Total Dissolved Solids	207	mg/L	25.0	05/27/26 11:47	
EPA 300.0 Rev 2.1 1993	Chloride	2.4	mg/L	1.0	05/27/26 03:24	
EPA 300.0 Rev 2.1 1993	Fluoride	0.072J	mg/L	0.10	05/27/26 03:24	
EPA 300.0 Rev 2.1 1993	Sulfate	2.2	mg/L	1.0	05/27/26 03:24	

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SUMMARY OF DETECTION

Project: Huffaker-Parcel F-2nd Bkgd
Pace Project No.: 92861310

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92861310018	**HAM-GWC-30**					
EPA 6020B	Arsenic	0.0012J	mg/L	0.0020	06/02/26 11:31	
EPA 6020B	Barium	0.077	mg/L	0.0050	06/02/26 11:31	
EPA 6020B	Boron	0.029J	mg/L	0.040	06/03/26 22:40	
EPA 6020B	Calcium	51.0	mg/L	0.40	06/02/26 11:31	M1
EPA 6020B	Chromium	0.00034J	mg/L	0.0050	06/02/26 11:31	
EPA 6020B	Cobalt	0.0015J	mg/L	0.0050	06/02/26 11:31	
EPA 6020B	Nickel	0.0023J	mg/L	0.0050	06/02/26 11:31	
92861310019	**HAM-GWC-31**					
EPA 6020B	Lithium	0.00821	mg/L	0.00200	06/11/26 13:35	
SM 2540C-2020	Total Dissolved Solids	267	mg/L	25.0	05/27/26 11:47	
EPA 300.0 Rev 2.1 1993	Chloride	2.4	mg/L	1.0	05/27/26 03:38	
EPA 300.0 Rev 2.1 1993	Fluoride	0.090J	mg/L	0.10	05/27/26 03:38	
EPA 300.0 Rev 2.1 1993	Sulfate	23.6	mg/L	1.0	05/27/26 03:38	
EPA 6020B	Antimony	0.00050J	mg/L	0.0020	06/02/26 11:45	
EPA 6020B	Barium	0.14	mg/L	0.0050	06/02/26 11:45	
EPA 6020B	Boron	0.030J	mg/L	0.040	06/03/26 23:27	
EPA 6020B	Calcium	74.2	mg/L	2.0	06/03/26 23:36	
92861310020	**HAM-GWC-38**					
EPA 6020B	Lithium	0.0163	mg/L	0.00200	06/11/26 13:37	
SM 2540C-2020	Total Dissolved Solids	157	mg/L	25.0	05/27/26 11:48	
EPA 300.0 Rev 2.1 1993	Chloride	2.9	mg/L	1.0	05/27/26 03:53	
EPA 300.0 Rev 2.1 1993	Fluoride	0.13	mg/L	0.10	05/27/26 03:53	
EPA 300.0 Rev 2.1 1993	Sulfate	33.9	mg/L	1.0	05/27/26 03:53	
EPA 6020B	Barium	0.059	mg/L	0.0050	06/02/26 11:48	
EPA 6020B	Boron	0.026J	mg/L	0.040	06/03/26 23:45	
EPA 6020B	Calcium	21.1	mg/L	0.40	06/02/26 11:48	
EPA 6020B	Cobalt	0.00040J	mg/L	0.0050	06/02/26 11:48	
EPA 6020B	Nickel	0.0014J	mg/L	0.0050	06/02/26 11:48	
92861310021	**HAM-GWC-41**					
EPA 6020B	Lithium	0.00354	mg/L	0.00200	06/11/26 13:40	
SM 2540C-2020	Total Dissolved Solids	41.0	mg/L	25.0	05/27/26 11:48	
EPA 300.0 Rev 2.1 1993	Chloride	1.8	mg/L	1.0	05/27/26 05:05	
EPA 300.0 Rev 2.1 1993	Sulfate	0.95J	mg/L	1.0	05/27/26 05:05	
EPA 6020B	Barium	0.014	mg/L	0.0050	06/02/26 11:51	
EPA 6020B	Calcium	7.6	mg/L	0.40	06/02/26 11:51	
EPA 6020B	Chromium	0.0012J	mg/L	0.0050	06/02/26 11:51	
EPA 6020B	Nickel	0.0021J	mg/L	0.0050	06/02/26 11:51	
92861310022	**HAM-HLF-F-FD-03**					
EPA 6020B	Lithium	0.0153	mg/L	0.00200	06/11/26 13:42	
SM 2540C-2020	Total Dissolved Solids	154	mg/L	25.0	05/27/26 11:48	
EPA 300.0 Rev 2.1 1993	Chloride	2.9	mg/L	1.0	05/27/26 05:20	
EPA 300.0 Rev 2.1 1993	Fluoride	0.12	mg/L	0.10	05/27/26 05:20	
EPA 300.0 Rev 2.1 1993	Sulfate	33.5	mg/L	1.0	05/27/26 05:20	
EPA 6020B	Barium	0.062	mg/L	0.0050	06/02/26 12:00	
EPA 6020B	Boron	0.023J	mg/L	0.040	06/04/26 00:22	

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SUMMARY OF DETECTION

Project: Huffaker-Parcel F-2nd Bkgd
Pace Project No.: 92861310

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92861310022	**HAM-HLF-F-FD-03**					
EPA 6020B	Calcium	21.8	mg/L	0.40	06/02/26 12:00	
EPA 6020B	Cobalt	0.00069J	mg/L	0.0050	06/02/26 12:00	
EPA 6020B	Nickel	0.0018J	mg/L	0.0050	06/02/26 12:00	
EPA 6020B	Zinc	0.0015J	mg/L	0.010	06/02/26 12:00	

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ANALYTICAL RESULTS

Project: Huffaker-Parcel F-2nd Bkgd
Pace Project No.: 92861310

Sample: HAM-GWA-24 **Lab ID: 92861310001** Collected: 05/18/26 14:55 Received: 05/20/26 12:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Metals (ICPMS) 6020B	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Lithium	**0.00630**	mg/L	0.00200	0.000600	1	05/29/26 08:32	05/30/26 11:48	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**47.0**	mg/L	25.0	25.0	1		05/21/26 23:06		
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		05/21/26 05:15	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		05/21/26 05:15	16984-48-8	
Sulfate	**1.4**	mg/L	1.0	0.50	1		05/21/26 05:15	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	05/22/26 10:38	06/02/26 09:43	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	05/22/26 10:38	06/02/26 09:43	7440-38-2	
Barium	**0.0018J**	mg/L	0.0050	0.00056	1	05/22/26 10:38	06/02/26 09:43	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	05/22/26 10:38	06/02/26 09:43	7440-41-7	
Boron	**0.0091J**	mg/L	0.040	0.0073	1	05/22/26 10:38	06/02/26 09:43	7440-42-8	B
Cadmium	ND	mg/L	0.00050	0.00010	1	05/22/26 10:38	06/02/26 09:43	7440-43-9	
Calcium	**0.68**	mg/L	0.40	0.10	1	05/22/26 10:38	06/02/26 09:43	7440-70-2	
Chromium	**0.00078J**	mg/L	0.0050	0.00024	1	05/22/26 10:38	06/02/26 09:43	7440-47-3	
Cobalt	**0.0021J**	mg/L	0.0050	0.00012	1	05/22/26 10:38	06/02/26 09:43	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	05/22/26 10:38	06/02/26 09:43	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	05/22/26 10:38	06/02/26 09:43	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	05/22/26 10:38	06/02/26 09:43	7439-98-7	
Nickel	**0.0021J**	mg/L	0.0050	0.00092	1	05/22/26 10:38	06/02/26 09:43	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	05/22/26 10:38	06/02/26 09:43	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	05/22/26 10:38	06/02/26 09:43	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	05/22/26 10:38	06/02/26 09:43	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	05/22/26 10:38	06/02/26 09:43	7440-62-2	
Zinc	**0.0030J**	mg/L	0.010	0.0014	1	05/22/26 10:38	06/02/26 09:43	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	05/21/26 14:19	05/21/26 19:24	7439-97-6	CU,L3

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ANALYTICAL RESULTS

Project: Huffaker-Parcel F-2nd Bkgd
Pace Project No.: 92861310

Sample: HAM-GWA-25 **Lab ID: 92861310002** Collected: 05/18/26 17:50 Received: 05/20/26 12:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Metals (ICPMS) 6020B	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Lithium	**0.00386**	mg/L	0.00200	0.000600	1	05/29/26 08:32	05/30/26 10:32	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	ND	mg/L	25.0	25.0	1		05/21/26 23:06		
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		05/21/26 06:01	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		05/21/26 06:01	16984-48-8	
Sulfate	**2.0**	mg/L	1.0	0.50	1		05/21/26 06:01	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	05/22/26 10:38	06/02/26 09:47	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	05/22/26 10:38	06/02/26 09:47	7440-38-2	
Barium	**0.0061**	mg/L	0.0050	0.00056	1	05/22/26 10:38	06/02/26 09:47	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	05/22/26 10:38	06/02/26 09:47	7440-41-7	
Boron	ND	mg/L	0.040	0.0073	1	05/22/26 10:38	06/02/26 09:47	7440-42-8	B
Cadmium	ND	mg/L	0.00050	0.00010	1	05/22/26 10:38	06/02/26 09:47	7440-43-9	
Calcium	**1.5**	mg/L	0.40	0.10	1	05/22/26 10:38	06/02/26 09:47	7440-70-2	
Chromium	**0.0019J**	mg/L	0.0050	0.00024	1	05/22/26 10:38	06/02/26 09:47	7440-47-3	
Cobalt	**0.0027J**	mg/L	0.0050	0.00012	1	05/22/26 10:38	06/02/26 09:47	7440-48-4	
Copper	**0.00073J**	mg/L	0.0050	0.00069	1	05/22/26 10:38	06/02/26 09:47	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	05/22/26 10:38	06/02/26 09:47	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	05/22/26 10:38	06/02/26 09:47	7439-98-7	
Nickel	**0.0067**	mg/L	0.0050	0.00092	1	05/22/26 10:38	06/02/26 09:47	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	05/22/26 10:38	06/02/26 09:47	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	05/22/26 10:38	06/02/26 09:47	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	05/22/26 10:38	06/02/26 09:47	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	05/22/26 10:38	06/02/26 09:47	7440-62-2	
Zinc	**0.011**	mg/L	0.010	0.0014	1	05/22/26 10:38	06/02/26 09:47	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	05/21/26 14:19	05/21/26 19:27	7439-97-6	CU,L3

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ANALYTICAL RESULTS

Project: Huffaker-Parcel F-2nd Bkgd
Pace Project No.: 92861310

Sample: HAM-GWA-26 **Lab ID: 92861310003** Collected: 05/18/26 18:30 Received: 05/20/26 12:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Metals (ICPMS) 6020B	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Lithium	**0.00824**	mg/L	0.00200	0.000600	1	05/29/26 08:32	05/30/26 11:51	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**86.0**	mg/L	25.0	25.0	1		05/21/26 23:06		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**1.7**	mg/L	1.0	0.60	1		05/21/26 06:48	16887-00-6	
Fluoride	**0.083J**	mg/L	0.10	0.050	1		05/21/26 06:48	16984-48-8	
Sulfate	**1.4**	mg/L	1.0	0.50	1		05/21/26 06:48	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	05/22/26 10:38	06/02/26 10:07	7440-36-0	
Arsenic	**0.0012J**	mg/L	0.0020	0.00041	1	05/22/26 10:38	06/02/26 10:07	7440-38-2	
Barium	**0.030**	mg/L	0.0050	0.00056	1	05/22/26 10:38	06/02/26 10:07	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	05/22/26 10:38	06/02/26 10:07	7440-41-7	
Boron	**0.011J**	mg/L	0.040	0.0073	1	05/22/26 10:38	06/02/26 10:07	7440-42-8	B
Cadmium	ND	mg/L	0.00050	0.00010	1	05/22/26 10:38	06/02/26 10:07	7440-43-9	
Calcium	**17.4**	mg/L	0.40	0.10	1	05/22/26 10:38	06/02/26 10:07	7440-70-2	
Chromium	ND	mg/L	0.0050	0.00024	1	05/22/26 10:38	06/02/26 10:07	7440-47-3	
Cobalt	**0.0042J**	mg/L	0.0050	0.00012	1	05/22/26 10:38	06/02/26 10:07	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	05/22/26 10:38	06/02/26 10:07	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	05/22/26 10:38	06/02/26 10:07	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	05/22/26 10:38	06/02/26 10:07	7439-98-7	
Nickel	**0.0034J**	mg/L	0.0050	0.00092	1	05/22/26 10:38	06/02/26 10:07	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	05/22/26 10:38	06/02/26 10:07	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	05/22/26 10:38	06/02/26 10:07	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	05/22/26 10:38	06/02/26 10:07	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	05/22/26 10:38	06/02/26 10:07	7440-62-2	
Zinc	**0.0026J**	mg/L	0.010	0.0014	1	05/22/26 10:38	06/02/26 10:07	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	05/21/26 14:19	05/21/26 19:30	7439-97-6	CU,L3

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ANALYTICAL RESULTS

Project: Huffaker-Parcel F-2nd Bkgd
Pace Project No.: 92861310

Sample: HAM-GWA-27 **Lab ID: 92861310004** Collected: 05/19/26 10:12 Received: 05/20/26 12:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Metals (ICPMS) 6020B	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Lithium	**0.00777**	mg/L	0.00200	0.000600	1	05/29/26 08:32	05/30/26 11:55	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**40.0**	mg/L	25.0	25.0	1		05/21/26 23:08		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**1.7**	mg/L	1.0	0.60	1		05/21/26 07:03	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		05/21/26 07:03	16984-48-8	
Sulfate	**4.3**	mg/L	1.0	0.50	1		05/21/26 07:03	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	05/22/26 10:38	06/02/26 10:10	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	05/22/26 10:38	06/02/26 10:10	7440-38-2	
Barium	**0.013**	mg/L	0.0050	0.00056	1	05/22/26 10:38	06/02/26 10:10	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	05/22/26 10:38	06/02/26 10:10	7440-41-7	
Boron	**0.0085J**	mg/L	0.040	0.0073	1	05/22/26 10:38	06/02/26 10:10	7440-42-8	B
Cadmium	ND	mg/L	0.00050	0.00010	1	05/22/26 10:38	06/02/26 10:10	7440-43-9	
Calcium	**3.1**	mg/L	0.40	0.10	1	05/22/26 10:38	06/02/26 10:10	7440-70-2	
Chromium	ND	mg/L	0.0050	0.00024	1	05/22/26 10:38	06/02/26 10:10	7440-47-3	
Cobalt	**0.0014J**	mg/L	0.0050	0.00012	1	05/22/26 10:38	06/02/26 10:10	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	05/22/26 10:38	06/02/26 10:10	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	05/22/26 10:38	06/02/26 10:10	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	05/22/26 10:38	06/02/26 10:10	7439-98-7	
Nickel	**0.0049J**	mg/L	0.0050	0.00092	1	05/22/26 10:38	06/02/26 10:10	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	05/22/26 10:38	06/02/26 10:10	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	05/22/26 10:38	06/02/26 10:10	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	05/22/26 10:38	06/02/26 10:10	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	05/22/26 10:38	06/02/26 10:10	7440-62-2	
Zinc	**0.0030J**	mg/L	0.010	0.0014	1	05/22/26 10:38	06/02/26 10:10	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	05/21/26 14:19	05/21/26 19:32	7439-97-6	CU,L3

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ANALYTICAL RESULTS

Project: Huffaker-Parcel F-2nd Bkgd
Pace Project No.: 92861310

Sample: HAM-GWC-33 **Lab ID: 92861310005** Collected: 05/19/26 17:25 Received: 05/20/26 12:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Metals (ICPMS) 6020B	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Lithium	**0.0170**	mg/L	0.00200	0.000600	1	05/29/26 08:32	05/30/26 12:04	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**407**	mg/L	25.0	25.0	1		05/21/26 23:08		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**2.6**	mg/L	1.0	0.60	1		05/21/26 07:18	16887-00-6	
Fluoride	**0.057J**	mg/L	0.10	0.050	1		05/21/26 07:18	16984-48-8	
Sulfate	**92.0**	mg/L	1.0	0.50	1		05/21/26 07:18	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	05/22/26 10:38	06/02/26 10:13	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	05/22/26 10:38	06/02/26 10:13	7440-38-2	
Barium	**0.10**	mg/L	0.0050	0.00056	1	05/22/26 10:38	06/02/26 10:13	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	05/22/26 10:38	06/02/26 10:13	7440-41-7	
Boron	**0.035J**	mg/L	0.040	0.0073	1	05/22/26 10:38	06/02/26 10:13	7440-42-8	B
Cadmium	ND	mg/L	0.00050	0.00010	1	05/22/26 10:38	06/02/26 10:13	7440-43-9	
Calcium	**104**	mg/L	4.0	1.0	10	05/22/26 10:38	06/02/26 10:42	7440-70-2	
Chromium	**0.00089J**	mg/L	0.0050	0.00024	1	05/22/26 10:38	06/02/26 10:13	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00012	1	05/22/26 10:38	06/02/26 10:13	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	05/22/26 10:38	06/02/26 10:13	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	05/22/26 10:38	06/02/26 10:13	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	05/22/26 10:38	06/02/26 10:13	7439-98-7	
Nickel	ND	mg/L	0.0050	0.00092	1	05/22/26 10:38	06/02/26 10:13	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	05/22/26 10:38	06/02/26 10:13	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	05/22/26 10:38	06/02/26 10:13	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	05/22/26 10:38	06/02/26 10:13	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	05/22/26 10:38	06/02/26 10:13	7440-62-2	
Zinc	ND	mg/L	0.010	0.0014	1	05/22/26 10:38	06/02/26 10:13	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	05/21/26 14:19	05/21/26 19:35	7439-97-6	CU,L3

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ANALYTICAL RESULTS

Project: Huffaker-Parcel F-2nd Bkgd
Pace Project No.: 92861310

Sample: HAM-GWC-28 **Lab ID: 92861310006** Collected: 05/21/26 12:17 Received: 05/22/26 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Metals (ICPMS) 6020B	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Lithium	**0.0167**	mg/L	0.00200	0.000600	1	05/31/26 15:38	05/31/26 18:51	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**89.0**	mg/L	25.0	25.0	1		05/24/26 15:06		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**1.1**	mg/L	1.0	0.60	1		05/23/26 17:38	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		05/23/26 17:38	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		05/23/26 17:38	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	06/01/26 14:14	06/03/26 17:27	7440-36-0	
Arsenic	**0.00076J**	mg/L	0.0020	0.00041	1	06/01/26 14:14	06/03/26 17:27	7440-38-2	
Barium	**0.025**	mg/L	0.0050	0.00056	1	06/01/26 14:14	06/03/26 17:27	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	06/01/26 14:14	06/03/26 17:27	7440-41-7	
Boron	**0.0088J**	mg/L	0.040	0.0073	1	06/01/26 14:14	06/03/26 17:27	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	06/01/26 14:14	06/03/26 17:27	7440-43-9	
Calcium	**3.4**	mg/L	0.40	0.10	1	06/01/26 14:14	06/03/26 17:27	7440-70-2	
Chromium	**0.00051J**	mg/L	0.0050	0.00024	1	06/01/26 14:14	06/03/26 17:27	7440-47-3	
Cobalt	**0.00061J**	mg/L	0.0050	0.00012	1	06/01/26 14:14	06/03/26 17:27	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	06/01/26 14:14	06/03/26 17:27	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	06/01/26 14:14	06/03/26 17:27	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	06/01/26 14:14	06/03/26 17:27	7439-98-7	
Nickel	**0.0011J**	mg/L	0.0050	0.00092	1	06/01/26 14:14	06/03/26 17:27	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	06/01/26 14:14	06/03/26 17:27	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	06/01/26 14:14	06/03/26 17:27	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	06/01/26 14:14	06/03/26 17:27	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	06/01/26 14:14	06/03/26 17:27	7440-62-2	
Zinc	ND	mg/L	0.010	0.0014	1	06/01/26 14:14	06/03/26 17:27	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	05/24/26 10:27	05/24/26 14:34	7439-97-6	

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ANALYTICAL RESULTS

Project: Huffaker-Parcel F-2nd Bkgd
Pace Project No.: 92861310

Sample: HAM-GWC-29 **Lab ID: 92861310007** Collected: 05/21/26 17:19 Received: 05/22/26 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Metals (ICPMS) 6020B	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Lithium	**0.0101**	mg/L	0.00200	0.000600	1	05/31/26 15:38	05/31/26 18:54	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**129**	mg/L	25.0	25.0	1		05/24/26 15:06		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**1.1**	mg/L	1.0	0.60	1		05/23/26 17:54	16887-00-6	
Fluoride	**0.080J**	mg/L	0.10	0.050	1		05/23/26 17:54	16984-48-8	
Sulfate	**2.2**	mg/L	1.0	0.50	1		05/23/26 17:54	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	06/01/26 14:14	06/03/26 18:13	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	06/01/26 14:14	06/03/26 18:13	7440-38-2	
Barium	**0.085**	mg/L	0.0050	0.00056	1	06/01/26 14:14	06/03/26 18:13	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	06/01/26 14:14	06/03/26 18:13	7440-41-7	
Boron	**0.0091J**	mg/L	0.040	0.0073	1	06/01/26 14:14	06/03/26 18:13	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	06/01/26 14:14	06/03/26 18:13	7440-43-9	
Calcium	**19.0**	mg/L	0.40	0.10	1	06/01/26 14:14	06/03/26 18:13	7440-70-2	
Chromium	**0.00035J**	mg/L	0.0050	0.00024	1	06/01/26 14:14	06/03/26 18:13	7440-47-3	
Cobalt	**0.00070J**	mg/L	0.0050	0.00012	1	06/01/26 14:14	06/03/26 18:13	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	06/01/26 14:14	06/03/26 18:13	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	06/01/26 14:14	06/03/26 18:13	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	06/01/26 14:14	06/03/26 18:13	7439-98-7	
Nickel	**0.0018J**	mg/L	0.0050	0.00092	1	06/01/26 14:14	06/03/26 18:13	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	06/01/26 14:14	06/03/26 18:13	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	06/01/26 14:14	06/03/26 18:13	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	06/01/26 14:14	06/03/26 18:13	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	06/01/26 14:14	06/03/26 18:13	7440-62-2	
Zinc	**0.0015J**	mg/L	0.010	0.0014	1	06/01/26 14:14	06/03/26 18:13	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	05/24/26 10:27	05/24/26 14:37	7439-97-6	

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ANALYTICAL RESULTS

Project: Huffaker-Parcel F-2nd Bkgd
Pace Project No.: 92861310

Sample: HAM-GWC-32 **Lab ID: 92861310008** Collected: 05/21/26 14:37 Received: 05/22/26 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Metals (ICPMS) 6020B	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Lithium	**0.0148**	mg/L	0.00200	0.000600	1	05/31/26 15:38	05/31/26 18:58	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**376**	mg/L	25.0	25.0	1		05/24/26 15:06		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**2.5**	mg/L	1.0	0.60	1		05/23/26 18:09	16887-00-6	
Fluoride	**0.095J**	mg/L	0.10	0.050	1		05/23/26 18:09	16984-48-8	
Sulfate	**43.4**	mg/L	1.0	0.50	1		05/23/26 18:09	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	**0.00062J**	mg/L	0.0020	0.00043	1	06/01/26 14:14	06/03/26 18:23	7440-36-0	
Arsenic	**0.0015J**	mg/L	0.0020	0.00041	1	06/01/26 14:14	06/03/26 18:23	7440-38-2	
Barium	**0.12**	mg/L	0.0050	0.00056	1	06/01/26 14:14	06/03/26 18:23	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	06/01/26 14:14	06/03/26 18:23	7440-41-7	
Boron	**0.061**	mg/L	0.040	0.0073	1	06/01/26 14:14	06/03/26 18:23	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	06/01/26 14:14	06/03/26 18:23	7440-43-9	
Calcium	**119**	mg/L	2.0	0.50	5	06/01/26 14:14	06/04/26 14:36	7440-70-2	
Chromium	ND	mg/L	0.0050	0.00024	1	06/01/26 14:14	06/03/26 18:23	7440-47-3	
Cobalt	**0.00045J**	mg/L	0.0050	0.00012	1	06/01/26 14:14	06/03/26 18:23	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	06/01/26 14:14	06/03/26 18:23	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	06/01/26 14:14	06/03/26 18:23	7439-92-1	
Molybdenum	**0.0025J**	mg/L	0.010	0.0020	1	06/01/26 14:14	06/03/26 18:23	7439-98-7	
Nickel	ND	mg/L	0.0050	0.00092	1	06/01/26 14:14	06/03/26 18:23	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	06/01/26 14:14	06/03/26 18:23	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	06/01/26 14:14	06/03/26 18:23	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	06/01/26 14:14	06/03/26 18:23	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	06/01/26 14:14	06/03/26 18:23	7440-62-2	
Zinc	**0.0018J**	mg/L	0.010	0.0014	1	06/01/26 14:14	06/03/26 18:23	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	05/24/26 10:27	05/24/26 14:39	7439-97-6	

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ANALYTICAL RESULTS

Project: Huffaker-Parcel F-2nd Bkgd
Pace Project No.: 92861310

Sample: HAM-GWC-34 **Lab ID: 92861310009** Collected: 05/20/26 09:26 Received: 05/22/26 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Metals (ICPMS) 6020B	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Lithium	**0.0223**	mg/L	0.00200	0.000600	1	05/31/26 15:38	05/31/26 19:01	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**313**	mg/L	25.0	25.0	1		05/24/26 09:49		
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		05/23/26 18:24	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		05/23/26 18:24	16984-48-8	
Sulfate	**47.3**	mg/L	1.0	0.50	1		05/23/26 18:24	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	06/01/26 14:14	06/03/26 18:32	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	06/01/26 14:14	06/03/26 18:32	7440-38-2	
Barium	**0.12**	mg/L	0.0050	0.00056	1	06/01/26 14:14	06/03/26 18:32	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	06/01/26 14:14	06/03/26 18:32	7440-41-7	
Boron	**0.038J**	mg/L	0.040	0.0073	1	06/01/26 14:14	06/03/26 18:32	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	06/01/26 14:14	06/03/26 18:32	7440-43-9	
Calcium	**83.0**	mg/L	2.0	0.50	5	06/01/26 14:14	06/04/26 14:45	7440-70-2	
Chromium	**0.00030J**	mg/L	0.0050	0.00024	1	06/01/26 14:14	06/03/26 18:32	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00012	1	06/01/26 14:14	06/03/26 18:32	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	06/01/26 14:14	06/03/26 18:32	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	06/01/26 14:14	06/03/26 18:32	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	06/01/26 14:14	06/03/26 18:32	7439-98-7	
Nickel	ND	mg/L	0.0050	0.00092	1	06/01/26 14:14	06/03/26 18:32	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	06/01/26 14:14	06/03/26 18:32	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	06/01/26 14:14	06/03/26 18:32	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	06/01/26 14:14	06/03/26 18:32	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	06/01/26 14:14	06/03/26 18:32	7440-62-2	
Zinc	ND	mg/L	0.010	0.0014	1	06/01/26 14:14	06/03/26 18:32	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	05/24/26 10:27	05/24/26 14:42	7439-97-6	

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(704)875-9092

ANALYTICAL RESULTS

Project: Huffaker-Parcel F-2nd Bkgd
Pace Project No.: 92861310

Sample: HAM-GWC-35 **Lab ID: 92861310010** Collected: 05/20/26 13:46 Received: 05/22/26 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Metals (ICPMS) 6020B	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Lithium	**0.0441**	mg/L	0.00200	0.000600	1	05/31/26 15:38	05/31/26 19:04	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**349**	mg/L	25.0	25.0	1		05/24/26 09:50		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**1.2**	mg/L	1.0	0.60	1		05/23/26 19:10	16887-00-6	
Fluoride	**0.055J**	mg/L	0.10	0.050	1		05/23/26 19:10	16984-48-8	
Sulfate	**148**	mg/L	4.0	2.0	4		05/24/26 15:13	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	06/01/26 14:14	06/03/26 19:18	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	06/01/26 14:14	06/03/26 19:18	7440-38-2	
Barium	**0.051**	mg/L	0.0050	0.00056	1	06/01/26 14:14	06/03/26 19:18	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	06/01/26 14:14	06/03/26 19:18	7440-41-7	
Boron	**0.015J**	mg/L	0.040	0.0073	1	06/01/26 14:14	06/03/26 19:18	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	06/01/26 14:14	06/03/26 19:18	7440-43-9	
Calcium	**29.7**	mg/L	0.40	0.10	1	06/01/26 14:14	06/03/26 19:18	7440-70-2	
Chromium	**0.00029J**	mg/L	0.0050	0.00024	1	06/01/26 14:14	06/03/26 19:18	7440-47-3	
Cobalt	**0.0018J**	mg/L	0.0050	0.00012	1	06/01/26 14:14	06/03/26 19:18	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	06/01/26 14:14	06/03/26 19:18	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	06/01/26 14:14	06/03/26 19:18	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	06/01/26 14:14	06/03/26 19:18	7439-98-7	
Nickel	**0.0047J**	mg/L	0.0050	0.00092	1	06/01/26 14:14	06/03/26 19:18	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	06/01/26 14:14	06/03/26 19:18	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	06/01/26 14:14	06/03/26 19:18	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	06/01/26 14:14	06/03/26 19:18	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	06/01/26 14:14	06/03/26 19:18	7440-62-2	
Zinc	ND	mg/L	0.010	0.0014	1	06/01/26 14:14	06/03/26 19:18	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	05/24/26 10:27	05/24/26 14:45	7439-97-6	

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ANALYTICAL RESULTS

Project: Huffaker-Parcel F-2nd Bkgd
Pace Project No.: 92861310

Sample: HAM-GWC-36 **Lab ID: 92861310011** Collected: 05/20/26 17:50 Received: 05/22/26 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Metals (ICPMS) 6020B	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Lithium	**0.0181**	mg/L	0.00200	0.000600	1	05/31/26 15:38	05/31/26 19:07	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**251**	mg/L	25.0	25.0	1		05/24/26 09:50		
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		05/23/26 19:25	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		05/23/26 19:25	16984-48-8	
Sulfate	**72.1**	mg/L	1.0	0.50	1		05/23/26 19:25	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	06/01/26 14:14	06/03/26 19:27	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	06/01/26 14:14	06/03/26 19:27	7440-38-2	
Barium	**0.12**	mg/L	0.0050	0.00056	1	06/01/26 14:14	06/03/26 19:27	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	06/01/26 14:14	06/03/26 19:27	7440-41-7	
Boron	**0.015J**	mg/L	0.040	0.0073	1	06/01/26 14:14	06/03/26 19:27	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	06/01/26 14:14	06/03/26 19:27	7440-43-9	
Calcium	**43.7**	mg/L	2.0	0.50	5	06/01/26 14:14	06/04/26 14:55	7440-70-2	
Chromium	**0.00037J**	mg/L	0.0050	0.00024	1	06/01/26 14:14	06/03/26 19:27	7440-47-3	
Cobalt	**0.00018J**	mg/L	0.0050	0.00012	1	06/01/26 14:14	06/03/26 19:27	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	06/01/26 14:14	06/03/26 19:27	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	06/01/26 14:14	06/03/26 19:27	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	06/01/26 14:14	06/03/26 19:27	7439-98-7	
Nickel	ND	mg/L	0.0050	0.00092	1	06/01/26 14:14	06/03/26 19:27	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	06/01/26 14:14	06/03/26 19:27	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	06/01/26 14:14	06/03/26 19:27	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	06/01/26 14:14	06/03/26 19:27	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	06/01/26 14:14	06/03/26 19:27	7440-62-2	
Zinc	ND	mg/L	0.010	0.0014	1	06/01/26 14:14	06/03/26 19:27	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	05/24/26 10:27	05/24/26 14:52	7439-97-6	

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ANALYTICAL RESULTS

Project: Huffaker-Parcel F-2nd Bkgd
Pace Project No.: 92861310

Sample: HAM-GWC-37 **Lab ID: 92861310012** Collected: 05/21/26 12:10 Received: 05/22/26 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Metals (ICPMS) 6020B	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Lithium	**0.0184**	mg/L	0.00200	0.000600	1	05/31/26 15:38	05/31/26 19:10	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**214**	mg/L	25.0	25.0	1		05/24/26 15:06		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**3.2**	mg/L	1.0	0.60	1		05/23/26 19:40	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		05/23/26 19:40	16984-48-8	
Sulfate	**26.2**	mg/L	1.0	0.50	1		05/23/26 19:40	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	06/01/26 14:14	06/03/26 19:36	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	06/01/26 14:14	06/03/26 19:36	7440-38-2	
Barium	**0.25**	mg/L	0.0050	0.00056	1	06/01/26 14:14	06/03/26 19:36	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	06/01/26 14:14	06/03/26 19:36	7440-41-7	
Boron	**0.026J**	mg/L	0.040	0.0073	1	06/01/26 14:14	06/03/26 19:36	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	06/01/26 14:14	06/03/26 19:36	7440-43-9	
Calcium	**48.7**	mg/L	2.0	0.50	5	06/01/26 14:14	06/04/26 15:04	7440-70-2	
Chromium	**0.00040J**	mg/L	0.0050	0.00024	1	06/01/26 14:14	06/03/26 19:36	7440-47-3	
Cobalt	**0.00055J**	mg/L	0.0050	0.00012	1	06/01/26 14:14	06/03/26 19:36	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	06/01/26 14:14	06/03/26 19:36	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	06/01/26 14:14	06/03/26 19:36	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	06/01/26 14:14	06/03/26 19:36	7439-98-7	
Nickel	**0.0018J**	mg/L	0.0050	0.00092	1	06/01/26 14:14	06/03/26 19:36	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	06/01/26 14:14	06/03/26 19:36	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	06/01/26 14:14	06/03/26 19:36	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	06/01/26 14:14	06/03/26 19:36	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	06/01/26 14:14	06/03/26 19:36	7440-62-2	
Zinc	ND	mg/L	0.010	0.0014	1	06/01/26 14:14	06/03/26 19:36	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	05/24/26 10:27	05/24/26 14:55	7439-97-6	

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ANALYTICAL RESULTS

Project: Huffaker-Parcel F-2nd Bkgd
Pace Project No.: 92861310

Sample: HAM-GWC-39 **Lab ID: 92861310013** Collected: 05/21/26 18:00 Received: 05/22/26 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Metals (ICPMS) 6020B	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Lithium	**0.00973**	mg/L	0.00200	0.000600	1	05/31/26 15:38	05/31/26 19:13	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**142**	mg/L	25.0	25.0	1		05/24/26 15:09		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**1.8**	mg/L	1.0	0.60	1		05/23/26 20:26	16887-00-6	
Fluoride	**0.13**	mg/L	0.10	0.050	1		05/23/26 20:26	16984-48-8	
Sulfate	**2.0**	mg/L	1.0	0.50	1		05/23/26 20:26	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	06/01/26 14:14	06/03/26 19:45	7440-36-0	
Arsenic	**0.00070J**	mg/L	0.0020	0.00041	1	06/01/26 14:14	06/03/26 19:45	7440-38-2	
Barium	**0.11**	mg/L	0.0050	0.00056	1	06/01/26 14:14	06/03/26 19:45	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	06/01/26 14:14	06/03/26 19:45	7440-41-7	
Boron	**0.022J**	mg/L	0.040	0.0073	1	06/01/26 14:14	06/03/26 19:45	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	06/01/26 14:14	06/03/26 19:45	7440-43-9	
Calcium	**34.6**	mg/L	2.0	0.50	5	06/01/26 14:14	06/04/26 15:13	7440-70-2	
Chromium	**0.00045J**	mg/L	0.0050	0.00024	1	06/01/26 14:14	06/03/26 19:45	7440-47-3	
Cobalt	**0.00016J**	mg/L	0.0050	0.00012	1	06/01/26 14:14	06/03/26 19:45	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	06/01/26 14:14	06/03/26 19:45	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	06/01/26 14:14	06/03/26 19:45	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	06/01/26 14:14	06/03/26 19:45	7439-98-7	
Nickel	ND	mg/L	0.0050	0.00092	1	06/01/26 14:14	06/03/26 19:45	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	06/01/26 14:14	06/03/26 19:45	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	06/01/26 14:14	06/03/26 19:45	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	06/01/26 14:14	06/03/26 19:45	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	06/01/26 14:14	06/03/26 19:45	7440-62-2	
Zinc	ND	mg/L	0.010	0.0014	1	06/01/26 14:14	06/03/26 19:45	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	05/24/26 10:27	05/24/26 15:02	7439-97-6	

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ANALYTICAL RESULTS

Project: Huffaker-Parcel F-2nd Bkgd
Pace Project No.: 92861310

Sample: HAM-GWC-40 **Lab ID: 92861310014** Collected: 05/20/26 20:14 Received: 05/22/26 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Metals (ICPMS) 6020B	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Lithium	**0.00291**	mg/L	0.00200	0.000600	1	05/31/26 15:38	05/31/26 19:16	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**162**	mg/L	25.0	25.0	1		05/24/26 09:50		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**0.88J**	mg/L	1.0	0.60	1		05/23/26 20:41	16887-00-6	
Fluoride	**0.099J**	mg/L	0.10	0.050	1		05/23/26 20:41	16984-48-8	
Sulfate	**2.2**	mg/L	1.0	0.50	1		05/23/26 20:41	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	06/01/26 14:14	06/03/26 19:55	7440-36-0	
Arsenic	**0.00080J**	mg/L	0.0020	0.00041	1	06/01/26 14:14	06/03/26 19:55	7440-38-2	
Barium	**0.027**	mg/L	0.0050	0.00056	1	06/01/26 14:14	06/03/26 19:55	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	06/01/26 14:14	06/03/26 19:55	7440-41-7	
Boron	ND	mg/L	0.040	0.0073	1	06/01/26 14:14	06/03/26 19:55	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	06/01/26 14:14	06/03/26 19:55	7440-43-9	
Calcium	**52.2**	mg/L	2.0	0.50	5	06/01/26 14:14	06/04/26 15:22	7440-70-2	
Chromium	**0.00067J**	mg/L	0.0050	0.00024	1	06/01/26 14:14	06/03/26 19:55	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00012	1	06/01/26 14:14	06/03/26 19:55	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	06/01/26 14:14	06/03/26 19:55	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	06/01/26 14:14	06/03/26 19:55	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	06/01/26 14:14	06/03/26 19:55	7439-98-7	
Nickel	ND	mg/L	0.0050	0.00092	1	06/01/26 14:14	06/03/26 19:55	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	06/01/26 14:14	06/03/26 19:55	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	06/01/26 14:14	06/03/26 19:55	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	06/01/26 14:14	06/03/26 19:55	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	06/01/26 14:14	06/03/26 19:55	7440-62-2	
Zinc	**0.0016J**	mg/L	0.010	0.0014	1	06/01/26 14:14	06/03/26 19:55	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	05/24/26 10:27	05/24/26 15:05	7439-97-6	

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ANALYTICAL RESULTS

Project: Huffaker-Parcel F-2nd Bkgd
Pace Project No.: 92861310

Sample: HAM-HLF-F-EB-02 **Lab ID: 92861310015** Collected: 05/20/26 18:45 Received: 05/22/26 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Metals (ICPMS) 6020B	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Lithium	ND	mg/L	0.00200	0.000600	1	05/31/26 15:38	05/31/26 19:19	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	ND	mg/L	25.0	25.0	1		05/24/26 09:50		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	ND	mg/L	1.0	0.60	1		05/23/26 12:49	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		05/23/26 12:49	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		05/23/26 12:49	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	06/01/26 14:14	06/03/26 20:04	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	06/01/26 14:14	06/03/26 20:04	7440-38-2	
Barium	ND	mg/L	0.0050	0.00056	1	06/01/26 14:14	06/03/26 20:04	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	06/01/26 14:14	06/03/26 20:04	7440-41-7	
Boron	ND	mg/L	0.040	0.0073	1	06/01/26 14:14	06/03/26 20:04	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	06/01/26 14:14	06/03/26 20:04	7440-43-9	
Calcium	ND	mg/L	0.40	0.10	1	06/01/26 14:14	06/03/26 20:04	7440-70-2	
Chromium	**0.00033J**	mg/L	0.0050	0.00024	1	06/01/26 14:14	06/03/26 20:04	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00012	1	06/01/26 14:14	06/03/26 20:04	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	06/01/26 14:14	06/03/26 20:04	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	06/01/26 14:14	06/03/26 20:04	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	06/01/26 14:14	06/03/26 20:04	7439-98-7	
Nickel	ND	mg/L	0.0050	0.00092	1	06/01/26 14:14	06/03/26 20:04	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	06/01/26 14:14	06/03/26 20:04	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	06/01/26 14:14	06/03/26 20:04	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	06/01/26 14:14	06/03/26 20:04	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	06/01/26 14:14	06/03/26 20:04	7440-62-2	
Zinc	ND	mg/L	0.010	0.0014	1	06/01/26 14:14	06/03/26 20:04	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	05/24/26 10:27	05/24/26 15:07	7439-97-6	

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ANALYTICAL RESULTS

Project: Huffaker-Parcel F-2nd Bkgd
Pace Project No.: 92861310

Sample: HAM-HLF-F-FB-02 **Lab ID: 92861310016** Collected: 05/20/26 18:40 Received: 05/22/26 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Metals (ICPMS) 6020B	Analytical Method: EPA 6020B Preparation Method: 3015								
	Pace National - Mt. Juliet								
Lithium	ND	mg/L	0.00200	0.000600	1	05/31/26 15:38	05/31/26 19:31	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020								
	Pace Analytical Services - Asheville								
Total Dissolved Solids	ND	mg/L	25.0	25.0	1		05/24/26 09:50		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993								
	Pace Analytical Services - Asheville								
Chloride	ND	mg/L	1.0	0.60	1		05/23/26 13:04	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		05/23/26 13:04	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		05/23/26 13:04	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A								
	Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	06/01/26 14:14	06/03/26 20:13	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	06/01/26 14:14	06/03/26 20:13	7440-38-2	
Barium	ND	mg/L	0.0050	0.00056	1	06/01/26 14:14	06/03/26 20:13	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	06/01/26 14:14	06/03/26 20:13	7440-41-7	
Boron	ND	mg/L	0.040	0.0073	1	06/01/26 14:14	06/03/26 20:13	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	06/01/26 14:14	06/03/26 20:13	7440-43-9	
Calcium	ND	mg/L	0.40	0.10	1	06/01/26 14:14	06/03/26 20:13	7440-70-2	
Chromium	**0.00031J**	mg/L	0.0050	0.00024	1	06/01/26 14:14	06/03/26 20:13	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00012	1	06/01/26 14:14	06/03/26 20:13	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	06/01/26 14:14	06/03/26 20:13	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	06/01/26 14:14	06/03/26 20:13	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	06/01/26 14:14	06/03/26 20:13	7439-98-7	
Nickel	ND	mg/L	0.0050	0.00092	1	06/01/26 14:14	06/03/26 20:13	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	06/01/26 14:14	06/03/26 20:13	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	06/01/26 14:14	06/03/26 20:13	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	06/01/26 14:14	06/03/26 20:13	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	06/01/26 14:14	06/03/26 20:13	7440-62-2	
Zinc	ND	mg/L	0.010	0.0014	1	06/01/26 14:14	06/03/26 20:13	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A								
	Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	05/24/26 10:27	05/24/26 15:10	7439-97-6	

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ANALYTICAL RESULTS

Project: Huffaker-Parcel F-2nd Bkgd
Pace Project No.: 92861310

Sample: HAM-HLF-F-FD-02 **Lab ID: 92861310017** Collected: 05/21/26 00:00 Received: 05/22/26 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Metals (ICPMS) 6020B	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Lithium	**0.00953**	mg/L	0.00200	0.000600	1	05/31/26 15:38	05/31/26 19:34	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**116**	mg/L	25.0	25.0	1		05/24/26 15:09		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**1.1**	mg/L	1.0	0.60	1		05/23/26 20:56	16887-00-6	
Fluoride	**0.072J**	mg/L	0.10	0.050	1		05/23/26 20:56	16984-48-8	
Sulfate	**2.2**	mg/L	1.0	0.50	1		05/23/26 20:56	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	06/01/26 14:14	06/03/26 20:22	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	06/01/26 14:14	06/03/26 20:22	7440-38-2	
Barium	**0.094**	mg/L	0.0050	0.00056	1	06/01/26 14:14	06/03/26 20:22	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	06/01/26 14:14	06/03/26 20:22	7440-41-7	
Boron	**0.0092J**	mg/L	0.040	0.0073	1	06/01/26 14:14	06/03/26 20:22	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	06/01/26 14:14	06/03/26 20:22	7440-43-9	
Calcium	**19.9**	mg/L	0.40	0.10	1	06/01/26 14:14	06/03/26 20:22	7440-70-2	
Chromium	**0.00029J**	mg/L	0.0050	0.00024	1	06/01/26 14:14	06/03/26 20:22	7440-47-3	
Cobalt	**0.00077J**	mg/L	0.0050	0.00012	1	06/01/26 14:14	06/03/26 20:22	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	06/01/26 14:14	06/03/26 20:22	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	06/01/26 14:14	06/03/26 20:22	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	06/01/26 14:14	06/03/26 20:22	7439-98-7	
Nickel	**0.0020J**	mg/L	0.0050	0.00092	1	06/01/26 14:14	06/03/26 20:22	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	06/01/26 14:14	06/03/26 20:22	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	06/01/26 14:14	06/03/26 20:22	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	06/01/26 14:14	06/03/26 20:22	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	06/01/26 14:14	06/03/26 20:22	7440-62-2	
Zinc	ND	mg/L	0.010	0.0014	1	06/01/26 14:14	06/03/26 20:22	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	05/24/26 10:27	05/24/26 15:12	7439-97-6	

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ANALYTICAL RESULTS

Project: Huffaker-Parcel F-2nd Bkgd
Pace Project No.: 92861310

Sample: HAM-GWC-30 **Lab ID: 92861310018** Collected: 05/22/26 13:47 Received: 05/26/26 14:25 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Metals (ICPMS) 6020B	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Lithium	**0.00370**	mg/L	0.00200	0.000600	1	06/02/26 21:06	06/11/26 13:32	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**207**	mg/L	25.0	25.0	1		05/27/26 11:47		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**2.4**	mg/L	1.0	0.60	1		05/27/26 03:24	16887-00-6	
Fluoride	**0.072J**	mg/L	0.10	0.050	1		05/27/26 03:24	16984-48-8	
Sulfate	**2.2**	mg/L	1.0	0.50	1		05/27/26 03:24	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	05/30/26 22:46	06/02/26 11:31	7440-36-0	
Arsenic	**0.0012J**	mg/L	0.0020	0.00041	1	05/30/26 22:46	06/02/26 11:31	7440-38-2	
Barium	**0.077**	mg/L	0.0050	0.00056	1	05/30/26 22:46	06/02/26 11:31	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	05/30/26 22:46	06/03/26 22:40	7440-41-7	
Boron	**0.029J**	mg/L	0.040	0.0073	1	05/30/26 22:46	06/03/26 22:40	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	05/30/26 22:46	06/02/26 11:31	7440-43-9	
Calcium	**51.0**	mg/L	0.40	0.10	1	05/30/26 22:46	06/02/26 11:31	7440-70-2	M1
Chromium	**0.00034J**	mg/L	0.0050	0.00024	1	05/30/26 22:46	06/02/26 11:31	7440-47-3	
Cobalt	**0.0015J**	mg/L	0.0050	0.00012	1	05/30/26 22:46	06/02/26 11:31	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	05/30/26 22:46	06/02/26 11:31	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	05/30/26 22:46	06/02/26 11:31	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	05/30/26 22:46	06/02/26 11:31	7439-98-7	
Nickel	**0.0023J**	mg/L	0.0050	0.00092	1	05/30/26 22:46	06/02/26 11:31	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	05/30/26 22:46	06/02/26 11:31	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	05/30/26 22:46	06/02/26 11:31	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	05/30/26 22:46	06/02/26 11:31	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	05/30/26 22:46	06/02/26 11:31	7440-62-2	
Zinc	ND	mg/L	0.010	0.0014	1	05/30/26 22:46	06/02/26 11:31	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	05/27/26 16:01	05/27/26 20:27	7439-97-6	

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ANALYTICAL RESULTS

Project: Huffaker-Parcel F-2nd Bkgd
Pace Project No.: 92861310

Sample: HAM-GWC-31 **Lab ID: 92861310019** Collected: 05/22/26 12:00 Received: 05/26/26 14:25 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Metals (ICPMS) 6020B	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Lithium	**0.00821**	mg/L	0.00200	0.000600	1	06/02/26 21:06	06/11/26 13:35	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**267**	mg/L	25.0	25.0	1		05/27/26 11:47		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**2.4**	mg/L	1.0	0.60	1		05/27/26 03:38	16887-00-6	
Fluoride	**0.090J**	mg/L	0.10	0.050	1		05/27/26 03:38	16984-48-8	
Sulfate	**23.6**	mg/L	1.0	0.50	1		05/27/26 03:38	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	**0.00050J**	mg/L	0.0020	0.00043	1	05/30/26 22:46	06/02/26 11:45	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	05/30/26 22:46	06/02/26 11:45	7440-38-2	
Barium	**0.14**	mg/L	0.0050	0.00056	1	05/30/26 22:46	06/02/26 11:45	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	05/30/26 22:46	06/03/26 23:27	7440-41-7	
Boron	**0.030J**	mg/L	0.040	0.0073	1	05/30/26 22:46	06/03/26 23:27	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	05/30/26 22:46	06/02/26 11:45	7440-43-9	
Calcium	**74.2**	mg/L	2.0	0.50	5	05/30/26 22:46	06/03/26 23:36	7440-70-2	
Chromium	ND	mg/L	0.0050	0.00024	1	05/30/26 22:46	06/02/26 11:45	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00012	1	05/30/26 22:46	06/02/26 11:45	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	05/30/26 22:46	06/02/26 11:45	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	05/30/26 22:46	06/02/26 11:45	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	05/30/26 22:46	06/02/26 11:45	7439-98-7	
Nickel	ND	mg/L	0.0050	0.00092	1	05/30/26 22:46	06/02/26 11:45	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	05/30/26 22:46	06/02/26 11:45	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	05/30/26 22:46	06/02/26 11:45	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	05/30/26 22:46	06/02/26 11:45	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	05/30/26 22:46	06/02/26 11:45	7440-62-2	
Zinc	ND	mg/L	0.010	0.0014	1	05/30/26 22:46	06/02/26 11:45	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	05/27/26 16:01	05/27/26 20:30	7439-97-6	

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ANALYTICAL RESULTS

Project: Huffaker-Parcel F-2nd Bkgd
Pace Project No.: 92861310

Sample: HAM-GWC-38 **Lab ID: 92861310020** Collected: 05/22/26 14:20 Received: 05/26/26 14:25 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Metals (ICPMS) 6020B	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Lithium	**0.0163**	mg/L	0.00200	0.000600	1	06/02/26 21:06	06/11/26 13:37	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**157**	mg/L	25.0	25.0	1		05/27/26 11:48		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**2.9**	mg/L	1.0	0.60	1		05/27/26 03:53	16887-00-6	
Fluoride	**0.13**	mg/L	0.10	0.050	1		05/27/26 03:53	16984-48-8	
Sulfate	**33.9**	mg/L	1.0	0.50	1		05/27/26 03:53	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	05/30/26 22:46	06/02/26 11:48	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	05/30/26 22:46	06/02/26 11:48	7440-38-2	
Barium	**0.059**	mg/L	0.0050	0.00056	1	05/30/26 22:46	06/02/26 11:48	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	05/30/26 22:46	06/03/26 23:45	7440-41-7	
Boron	**0.026J**	mg/L	0.040	0.0073	1	05/30/26 22:46	06/03/26 23:45	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	05/30/26 22:46	06/02/26 11:48	7440-43-9	
Calcium	**21.1**	mg/L	0.40	0.10	1	05/30/26 22:46	06/02/26 11:48	7440-70-2	
Chromium	ND	mg/L	0.0050	0.00024	1	05/30/26 22:46	06/02/26 11:48	7440-47-3	
Cobalt	**0.00040J**	mg/L	0.0050	0.00012	1	05/30/26 22:46	06/02/26 11:48	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	05/30/26 22:46	06/02/26 11:48	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	05/30/26 22:46	06/02/26 11:48	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	05/30/26 22:46	06/02/26 11:48	7439-98-7	
Nickel	**0.0014J**	mg/L	0.0050	0.00092	1	05/30/26 22:46	06/02/26 11:48	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	05/30/26 22:46	06/02/26 11:48	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	05/30/26 22:46	06/02/26 11:48	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	05/30/26 22:46	06/02/26 11:48	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	05/30/26 22:46	06/02/26 11:48	7440-62-2	
Zinc	ND	mg/L	0.010	0.0014	1	05/30/26 22:46	06/02/26 11:48	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	05/27/26 16:01	05/27/26 20:32	7439-97-6	

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ANALYTICAL RESULTS

Project: Huffaker-Parcel F-2nd Bkgd
Pace Project No.: 92861310

Sample: HAM-GWC-41 **Lab ID: 92861310021** Collected: 05/22/26 10:40 Received: 05/26/26 14:25 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Metals (ICPMS) 6020B	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Lithium	**0.00354**	mg/L	0.00200	0.000600	1	06/02/26 21:06	06/11/26 13:40	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**41.0**	mg/L	25.0	25.0	1		05/27/26 11:48		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**1.8**	mg/L	1.0	0.60	1		05/27/26 05:05	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		05/27/26 05:05	16984-48-8	
Sulfate	**0.95J**	mg/L	1.0	0.50	1		05/27/26 05:05	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	05/30/26 22:46	06/02/26 11:51	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	05/30/26 22:46	06/02/26 11:51	7440-38-2	
Barium	**0.014**	mg/L	0.0050	0.00056	1	05/30/26 22:46	06/02/26 11:51	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	05/30/26 22:46	06/04/26 00:13	7440-41-7	
Boron	ND	mg/L	0.040	0.0073	1	05/30/26 22:46	06/04/26 00:13	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	05/30/26 22:46	06/02/26 11:51	7440-43-9	
Calcium	**7.6**	mg/L	0.40	0.10	1	05/30/26 22:46	06/02/26 11:51	7440-70-2	
Chromium	**0.0012J**	mg/L	0.0050	0.00024	1	05/30/26 22:46	06/02/26 11:51	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00012	1	05/30/26 22:46	06/02/26 11:51	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	05/30/26 22:46	06/02/26 11:51	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	05/30/26 22:46	06/02/26 11:51	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	05/30/26 22:46	06/02/26 11:51	7439-98-7	
Nickel	**0.0021J**	mg/L	0.0050	0.00092	1	05/30/26 22:46	06/02/26 11:51	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	05/30/26 22:46	06/02/26 11:51	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	05/30/26 22:46	06/02/26 11:51	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	05/30/26 22:46	06/02/26 11:51	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	05/30/26 22:46	06/02/26 11:51	7440-62-2	
Zinc	ND	mg/L	0.010	0.0014	1	05/30/26 22:46	06/02/26 11:51	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	05/27/26 16:01	05/27/26 20:35	7439-97-6	

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ANALYTICAL RESULTS

Project: Huffaker-Parcel F-2nd Bkgd
Pace Project No.: 92861310

Sample: HAM-HLF-F-FD-03 **Lab ID: 92861310022** Collected: 05/22/26 00:00 Received: 05/26/26 14:25 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Metals (ICPMS) 6020B	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Lithium	**0.0153**	mg/L	0.00200	0.000600	1	06/02/26 21:06	06/11/26 13:42	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**154**	mg/L	25.0	25.0	1		05/27/26 11:48		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**2.9**	mg/L	1.0	0.60	1		05/27/26 05:20	16887-00-6	
Fluoride	**0.12**	mg/L	0.10	0.050	1		05/27/26 05:20	16984-48-8	
Sulfate	**33.5**	mg/L	1.0	0.50	1		05/27/26 05:20	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	05/30/26 22:46	06/02/26 12:00	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	05/30/26 22:46	06/02/26 12:00	7440-38-2	
Barium	**0.062**	mg/L	0.0050	0.00056	1	05/30/26 22:46	06/02/26 12:00	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	05/30/26 22:46	06/04/26 00:22	7440-41-7	
Boron	**0.023J**	mg/L	0.040	0.0073	1	05/30/26 22:46	06/04/26 00:22	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	05/30/26 22:46	06/02/26 12:00	7440-43-9	
Calcium	**21.8**	mg/L	0.40	0.10	1	05/30/26 22:46	06/02/26 12:00	7440-70-2	
Chromium	ND	mg/L	0.0050	0.00024	1	05/30/26 22:46	06/02/26 12:00	7440-47-3	
Cobalt	**0.00069J**	mg/L	0.0050	0.00012	1	05/30/26 22:46	06/02/26 12:00	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	05/30/26 22:46	06/02/26 12:00	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	05/30/26 22:46	06/02/26 12:00	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	05/30/26 22:46	06/02/26 12:00	7439-98-7	
Nickel	**0.0018J**	mg/L	0.0050	0.00092	1	05/30/26 22:46	06/02/26 12:00	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	05/30/26 22:46	06/02/26 12:00	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	05/30/26 22:46	06/02/26 12:00	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	05/30/26 22:46	06/02/26 12:00	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	05/30/26 22:46	06/02/26 12:00	7440-62-2	
Zinc	**0.0015J**	mg/L	0.010	0.0014	1	05/30/26 22:46	06/02/26 12:00	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	05/27/26 16:01	05/27/26 20:37	7439-97-6	

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ANALYTICAL RESULTS

Project: Huffaker-Parcel F-2nd Bkgd
Pace Project No.: 92861310

Sample: HAM-HLF-F-FB-03 **Lab ID: 92861310023** Collected: 05/22/26 14:45 Received: 05/26/26 14:25 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Metals (ICPMS) 6020B	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Lithium	ND	mg/L	0.00200	0.000600	1	06/02/26 21:06	06/11/26 13:45	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	ND	mg/L	25.0	25.0	1		05/27/26 11:48		
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		05/27/26 00:02	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		05/27/26 00:02	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		05/27/26 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	0.0020	0.00043	1	05/30/26 22:46	06/02/26 12:03	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	05/30/26 22:46	06/02/26 12:03	7440-38-2	
Barium	ND	mg/L	0.0050	0.00056	1	05/30/26 22:46	06/02/26 12:03	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	05/30/26 22:46	06/04/26 00:31	7440-41-7	
Boron	ND	mg/L	0.040	0.0073	1	05/30/26 22:46	06/04/26 00:31	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	05/30/26 22:46	06/02/26 12:03	7440-43-9	
Calcium	ND	mg/L	0.40	0.10	1	05/30/26 22:46	06/02/26 12:03	7440-70-2	
Chromium	ND	mg/L	0.0050	0.00024	1	05/30/26 22:46	06/02/26 12:03	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00012	1	05/30/26 22:46	06/02/26 12:03	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	05/30/26 22:46	06/02/26 12:03	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	05/30/26 22:46	06/02/26 12:03	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	05/30/26 22:46	06/02/26 12:03	7439-98-7	
Nickel	ND	mg/L	0.0050	0.00092	1	05/30/26 22:46	06/02/26 12:03	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	05/30/26 22:46	06/02/26 12:03	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	05/30/26 22:46	06/02/26 12:03	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	05/30/26 22:46	06/02/26 12:03	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	05/30/26 22:46	06/02/26 12:03	7440-62-2	
Zinc	ND	mg/L	0.010	0.0014	1	05/30/26 22:46	06/02/26 12:03	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	05/27/26 16:01	05/27/26 20:40	7439-97-6	

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ANALYTICAL RESULTS

Project: Huffaker-Parcel F-2nd Bkgd
Pace Project No.: 92861310

Sample: HAM-HLF-F-EB-03 **Lab ID: 92861310024** Collected: 05/22/26 14:50 Received: 05/26/26 14:25 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Metals (ICPMS) 6020B	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Lithium	ND	mg/L	0.00200	0.000600	1	06/02/26 21:06	06/11/26 13:47	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	ND	mg/L	25.0	25.0	1		05/27/26 11:48		
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		05/27/26 00:16	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		05/27/26 00:16	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		05/27/26 00:16	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	05/30/26 22:46	06/02/26 12:06	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	05/30/26 22:46	06/02/26 12:06	7440-38-2	
Barium	ND	mg/L	0.0050	0.00056	1	05/30/26 22:46	06/02/26 12:06	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	05/30/26 22:46	06/04/26 00:40	7440-41-7	
Boron	ND	mg/L	0.040	0.0073	1	05/30/26 22:46	06/04/26 00:40	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	05/30/26 22:46	06/02/26 12:06	7440-43-9	
Calcium	ND	mg/L	0.40	0.10	1	05/30/26 22:46	06/02/26 12:06	7440-70-2	
Chromium	ND	mg/L	0.0050	0.00024	1	05/30/26 22:46	06/02/26 12:06	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00012	1	05/30/26 22:46	06/02/26 12:06	7440-48-4	
Copper	ND	mg/L	0.0050	0.00069	1	05/30/26 22:46	06/02/26 12:06	7440-50-8	
Lead	ND	mg/L	0.0010	0.00027	1	05/30/26 22:46	06/02/26 12:06	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	05/30/26 22:46	06/02/26 12:06	7439-98-7	
Nickel	ND	mg/L	0.0050	0.00092	1	05/30/26 22:46	06/02/26 12:06	7440-02-0	
Selenium	ND	mg/L	0.0050	0.00050	1	05/30/26 22:46	06/02/26 12:06	7782-49-2	
Silver	ND	mg/L	0.0010	0.00021	1	05/30/26 22:46	06/02/26 12:06	7440-22-4	
Thallium	ND	mg/L	0.00050	0.00017	1	05/30/26 22:46	06/02/26 12:06	7440-28-0	
Vanadium	ND	mg/L	0.0050	0.0011	1	05/30/26 22:46	06/02/26 12:06	7440-62-2	
Zinc	ND	mg/L	0.010	0.0014	1	05/30/26 22:46	06/02/26 12:06	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	05/27/26 16:01	05/27/26 20:48	7439-97-6	

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QUALITY CONTROL DATA

Project: Huffaker-Parcel F-2nd Bkgd
Pace Project No.: 92861310

QC Batch: 2759443
QC Batch Method: 3015
Analysis Method: EPA 6020B
Analysis Description: Metals (ICPMS) 6020B
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 92861310001, 92861310002, 92861310003, 92861310004, 92861310005

METHOD BLANK: R4380587-1 Matrix: Water
Associated Lab Samples: 92861310001, 92861310002, 92861310003, 92861310004, 92861310005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lithium	mg/L	ND	0.00200	0.000600	05/30/26 10:26	

LABORATORY CONTROL SAMPLE: R4380587-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lithium	mg/L	0.0500	0.0516	103	80.0-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R4380587-4 R4380587-5

Parameter	Units	92861310002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lithium	mg/L	0.00386	0.0500	0.0500	0.0529	0.0521	98.1	96.5	75.0-125	1.55	20	

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QUALITY CONTROL DATA

Project: Huffaker-Parcel F-2nd Bkgd
Pace Project No.: 92861310

QC Batch: 2763685
QC Batch Method: 3015
Analysis Method: EPA 6020B
Analysis Description: Metals (ICPMS) 6020B
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 92861310006, 92861310007, 92861310008, 92861310009, 92861310010, 92861310011, 92861310012, 92861310013, 92861310014, 92861310015, 92861310016, 92861310017

METHOD BLANK: R4380834-1
Matrix: Water
Associated Lab Samples: 92861310006, 92861310007, 92861310008, 92861310009, 92861310010, 92861310011, 92861310012, 92861310013, 92861310014, 92861310015, 92861310016, 92861310017

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lithium	mg/L	ND	0.00200	0.000600	05/31/26 18:26	

LABORATORY CONTROL SAMPLE: R4380834-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lithium	mg/L	0.0500	0.0526	105	80.0-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R4380834-4 R4380834-5

Parameter	Units	L1977780-02 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lithium	mg/L	0.00142	0.0500	0.0500	0.0508	0.0531	98.7	103	75.0-125	4.35	20	

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QUALITY CONTROL DATA

Project: Huffaker-Parcel F-2nd Bkgd
Pace Project No.: 92861310

QC Batch: 2763698
QC Batch Method: 3015
Analysis Method: EPA 6020B
Analysis Description: Metals (ICPMS) 6020B
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 92861310018, 92861310019, 92861310020, 92861310021, 92861310022, 92861310023, 92861310024

METHOD BLANK: R4385973-1 Matrix: Water
Associated Lab Samples: 92861310018, 92861310019, 92861310020, 92861310021, 92861310022, 92861310023, 92861310024

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lithium	mg/L	ND	0.00200	0.000600	06/11/26 12:56	

LABORATORY CONTROL SAMPLE: R4385973-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lithium	mg/L	0.0500	0.0465	93.0	80.0-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R4385973-4 R4385973-5

Parameter	Units	L1977901-04 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lithium	mg/L	0.0118	0.0500	0.0500	0.0622	0.0617	101	99.9	75.0-125	0.707	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R4385973-6 R4385973-7

Parameter	Units	L1978449-03 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lithium	mg/L	0.00118	0.0500	0.0500	0.0507	0.0505	99.0	98.7	75.0-125	0.367	20	

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QUALITY CONTROL DATA

Project: Huffaker-Parcel F-2nd Bkgd
Pace Project No.: 92861310

QC Batch: 1011852
QC Batch Method: SM 2540C-2020
Analysis Method: SM 2540C-2020
Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92861310001, 92861310002, 92861310003, 92861310004, 92861310005

METHOD BLANK: 5203957
Matrix: Water
Associated Lab Samples: 92861310001, 92861310002, 92861310003, 92861310004, 92861310005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	25.0	05/21/26 23:06	

LABORATORY CONTROL SAMPLE: 5203958

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	250	232	93	90-110	

SAMPLE DUPLICATE: 5203959

Parameter	Units	92861144002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	83.0	76.0	9	25	

SAMPLE DUPLICATE: 5203960

Parameter	Units	92861302001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	243	244	0	25	

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QUALITY CONTROL DATA

Project: Huffaker-Parcel F-2nd Bkgd
Pace Project No.: 92861310

QC Batch: 1012226
QC Batch Method: SM 2540C-2020
Analysis Method: SM 2540C-2020
Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92861310009, 92861310010, 92861310011, 92861310014, 92861310015, 92861310016

METHOD BLANK: 5205745 Matrix: Water
Associated Lab Samples: 92861310009, 92861310010, 92861310011, 92861310014, 92861310015, 92861310016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	25.0	05/24/26 09:48	

LABORATORY CONTROL SAMPLE: 5205746

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	250	258	103	90-110	

SAMPLE DUPLICATE: 5205747

Parameter	Units	92861381005 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	98000 ug/L	98.0	0	25	

SAMPLE DUPLICATE: 5205748

Parameter	Units	92861531004 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	271	243	11	25	

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QUALITY CONTROL DATA

Project: Huffaker-Parcel F-2nd Bkgd
Pace Project No.: 92861310

QC Batch: 1012227
QC Batch Method: SM 2540C-2020
Analysis Method: SM 2540C-2020
Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92861310006, 92861310007, 92861310008, 92861310012

METHOD BLANK: 5205749 Matrix: Water
Associated Lab Samples: 92861310006, 92861310007, 92861310008, 92861310012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	25.0	05/24/26 15:04	

LABORATORY CONTROL SAMPLE: 5205750

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	250	246	98	90-110	

SAMPLE DUPLICATE: 5205751

Parameter	Units	92861901002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	28700	26300	9	25	

SAMPLE DUPLICATE: 5205752

Parameter	Units	92861673003 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	70.0	73.0	4	25	

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QUALITY CONTROL DATA

Project: Huffaker-Parcel F-2nd Bkgd
Pace Project No.: 92861310

QC Batch: 1012228
QC Batch Method: SM 2540C-2020
Analysis Method: SM 2540C-2020
Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92861310013, 92861310017

METHOD BLANK: 5205753
Matrix: Water
Associated Lab Samples: 92861310013, 92861310017

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	25.0	05/24/26 15:09	

LABORATORY CONTROL SAMPLE: 5205754

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	250	252	101	90-110	

SAMPLE DUPLICATE: 5205755

Parameter	Units	92861310013 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	142	143	1	25	

SAMPLE DUPLICATE: 5205756

Parameter	Units	92861918002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	1010	1030	2	25	

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QUALITY CONTROL DATA

Project: Huffaker-Parcel F-2nd Bkgd
Pace Project No.: 92861310

QC Batch: 1012474
QC Batch Method: SM 2540C-2020
Analysis Method: SM 2540C-2020
Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92861310018, 92861310019, 92861310020, 92861310021, 92861310022, 92861310023, 92861310024

METHOD BLANK: 5206847
Matrix: Water
Associated Lab Samples: 92861310018, 92861310019, 92861310020, 92861310021, 92861310022, 92861310023, 92861310024

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	25.0	05/27/26 11:47	

LABORATORY CONTROL SAMPLE: 5206848

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	250	250	100	90-110	

SAMPLE DUPLICATE: 5206849

Parameter	Units	92862072003 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	135	136	1	25	

SAMPLE DUPLICATE: 5206850

Parameter	Units	92861310022 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	154	155	1	25	

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QUALITY CONTROL DATA

Project: Huffaker-Parcel F-2nd Bkgd
Pace Project No.: 92861310

QC Batch: 1011478
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: 92861310001, 92861310002, 92861310003, 92861310004, 92861310005

METHOD BLANK: 5201802 Matrix: Water
Associated Lab Samples: 92861310001, 92861310002, 92861310003, 92861310004, 92861310005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	05/20/26 21:16	
Fluoride	mg/L	ND	0.10	0.050	05/20/26 21:16	
Sulfate	mg/L	ND	1.0	0.50	05/20/26 21:16	

LABORATORY CONTROL SAMPLE: 5201803

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	51.7	103	90-110	
Fluoride	mg/L	2.5	2.7	107	90-110	
Sulfate	mg/L	50	53.8	108	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5201804 5201805

Parameter	Units	92861302001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	1.1	50	50	49.2	53.6	96	105	90-110	8	10	
Fluoride	mg/L	0.083J	2.5	2.5	2.5	2.7	96	105	90-110	8	10	
Sulfate	mg/L	18.7	50	50	68.1	72.6	99	108	90-110	6	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5201806 5201807

Parameter	Units	92861310001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	1.5	50	50	51.6	50.9	100	99	90-110	1	10	
Fluoride	mg/L	ND	2.5	2.5	2.6	2.6	104	103	90-110	1	10	
Sulfate	mg/L	1.4	50	50	53.3	52.6	104	102	90-110	1	10	

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QUALITY CONTROL DATA

Project: Huffaker-Parcel F-2nd Bkgd
Pace Project No.: 92861310

QC Batch: 1012179
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: 92861310006, 92861310007, 92861310008, 92861310009, 92861310010, 92861310011, 92861310012, 92861310013, 92861310014, 92861310015, 92861310016, 92861310017

METHOD BLANK: 5205620
Matrix: Water
Associated Lab Samples: 92861310006, 92861310007, 92861310008, 92861310009, 92861310010, 92861310011, 92861310012, 92861310013, 92861310014, 92861310015, 92861310016, 92861310017

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	05/23/26 12:18	
Fluoride	mg/L	ND	0.10	0.050	05/23/26 12:18	
Sulfate	mg/L	ND	1.0	0.50	05/23/26 12:18	

LABORATORY CONTROL SAMPLE: 5205621

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	49.6	99	90-110	
Fluoride	mg/L	2.5	2.7	107	90-110	
Sulfate	mg/L	50	49.2	98	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5205622 5205623

Parameter	Units	92861310009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	1.9	50	50	50.3	50.2	97	97	90-110	0	10	
Fluoride	mg/L	ND	2.5	2.5	2.5	2.5	97	98	90-110	0	10	
Sulfate	mg/L	47.3	50	50	96.1	96.1	98	98	90-110	0	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5205624 5205625

Parameter	Units	92861310017 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	1.1	50	50	49.4	50.1	97	98	90-110	1	10	
Fluoride	mg/L	0.072J	2.5	2.5	2.5	2.6	98	101	90-110	2	10	
Sulfate	mg/L	2.2	50	50	50.4	51.2	96	98	90-110	2	10	

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QUALITY CONTROL DATA

Project: Huffaker-Parcel F-2nd Bkgd
Pace Project No.: 92861310

QC Batch: 1012490
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: 92861310018, 92861310019, 92861310020, 92861310021, 92861310022, 92861310023, 92861310024

METHOD BLANK: 5206940 Matrix: Water
Associated Lab Samples: 92861310018, 92861310019, 92861310020, 92861310021, 92861310022, 92861310023, 92861310024

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	05/26/26 23:33	
Fluoride	mg/L	ND	0.10	0.050	05/26/26 23:33	
Sulfate	mg/L	ND	1.0	0.50	05/26/26 23:33	

LABORATORY CONTROL SAMPLE: 5206941

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	49.7	99	90-110	
Fluoride	mg/L	2.5	2.6	102	90-110	
Sulfate	mg/L	50	50.5	101	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5206942 5206943

Parameter	Units	92861310020 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	2.9	50	50	51.7	51.4	98	97	90-110	1	10	
Fluoride	mg/L	0.13	2.5	2.5	2.8	2.8	106	106	90-110	0	10	
Sulfate	mg/L	33.9	50	50	83.2	82.9	99	98	90-110	0	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5206988 5206989

Parameter	Units	92861310022 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	2.9	50	50	52.1	52.5	98	99	90-110	1	10	
Fluoride	mg/L	0.12	2.5	2.5	2.8	2.8	105	107	90-110	1	10	
Sulfate	mg/L	33.5	50	50	83.4	83.7	100	100	90-110	0	10	

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QUALITY CONTROL DATA

Project: Huffaker-Parcel F-2nd Bkgd
Pace Project No.: 92861310

QC Batch: 1011926
QC Batch Method: EPA 3005A
Analysis Method: EPA 6020B
Analysis Description: WC 6020B MET
Laboratory: Pace Analytical Services - West Columbia
Associated Lab Samples: 92861310001, 92861310002, 92861310003, 92861310004, 92861310005

METHOD BLANK: 5204187
Matrix: Water
Associated Lab Samples: 92861310001, 92861310002, 92861310003, 92861310004, 92861310005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	mg/L	ND	0.0020	0.00043	05/28/26 10:56	
Arsenic	mg/L	ND	0.0020	0.00041	05/28/26 10:56	
Barium	mg/L	ND	0.0050	0.00056	05/28/26 10:56	
Beryllium	mg/L	ND	0.00040	0.00015	06/01/26 14:47	
Boron	mg/L	0.013J	0.040	0.0073	06/01/26 14:47	
Cadmium	mg/L	ND	0.00050	0.00010	05/28/26 10:56	
Calcium	mg/L	ND	0.40	0.10	05/28/26 10:56	
Chromium	mg/L	ND	0.0050	0.00024	05/28/26 10:56	
Cobalt	mg/L	ND	0.0050	0.00012	05/28/26 10:56	
Copper	mg/L	ND	0.0050	0.00069	05/28/26 10:56	
Lead	mg/L	ND	0.0010	0.00027	05/28/26 10:56	
Molybdenum	mg/L	ND	0.010	0.0020	05/28/26 10:56	
Nickel	mg/L	ND	0.0050	0.00092	05/28/26 10:56	
Selenium	mg/L	ND	0.0050	0.00050	05/28/26 10:56	
Silver	mg/L	ND	0.0010	0.00021	05/28/26 10:56	
Thallium	mg/L	ND	0.00050	0.00017	05/28/26 10:56	
Vanadium	mg/L	ND	0.0050	0.0011	05/28/26 10:56	
Zinc	mg/L	ND	0.010	0.0014	05/28/26 10:56	

LABORATORY CONTROL SAMPLE: 5204188

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	mg/L	0.1	0.099	99	80-120	
Arsenic	mg/L	0.1	0.097	97	80-120	
Barium	mg/L	0.1	0.095	95	80-120	
Beryllium	mg/L	0.1	0.10	100	80-120	
Boron	mg/L	0.1	0.11	106	80-120	
Cadmium	mg/L	0.1	0.096	96	80-120	
Calcium	mg/L	1	1.0	103	80-120	
Chromium	mg/L	0.1	0.10	104	80-120	
Cobalt	mg/L	0.1	0.10	105	80-120	
Copper	mg/L	0.1	0.11	105	80-120	
Lead	mg/L	0.1	0.10	103	80-120	
Molybdenum	mg/L	0.1	0.093	93	80-120	
Nickel	mg/L	0.1	0.10	102	80-120	
Selenium	mg/L	0.1	0.098	98	80-120	
Silver	mg/L	0.1	0.10	104	80-120	
Thallium	mg/L	0.1	0.10	104	80-120	
Vanadium	mg/L	0.1	0.10	101	80-120	

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QUALITY CONTROL DATA

Project: Huffaker-Parcel F-2nd Bkgd
Pace Project No.: 92861310

LABORATORY CONTROL SAMPLE: 5204188

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Zinc	mg/L	0.1	0.096	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5204189 5204190

Parameter	Units	92861310002 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	0.099	101	99	75-125	2	20	
Arsenic	mg/L	ND	0.1	0.1	0.10	0.099	99	98	75-125	1	20	
Barium	mg/L	0.0061	0.1	0.1	0.10	0.10	94	94	75-125	0	20	
Beryllium	mg/L	ND	0.1	0.1	0.095	0.095	95	95	75-125	1	20	
Boron	mg/L	ND	0.1	0.1	0.099	0.10	92	96	75-125	4	20	
Cadmium	mg/L	ND	0.1	0.1	0.10	0.10	102	104	75-125	1	20	
Calcium	mg/L	1.5	1	1	2.4	2.5	90	97	75-125	3	20	
Chromium	mg/L	0.0019J	0.1	0.1	0.11	0.11	106	104	75-125	2	20	
Cobalt	mg/L	0.0027J	0.1	0.1	0.11	0.11	108	107	75-125	1	20	
Copper	mg/L	0.00073J	0.1	0.1	0.11	0.11	106	106	75-125	0	20	
Lead	mg/L	ND	0.1	0.1	0.097	0.10	97	100	75-125	3	20	
Molybdenum	mg/L	ND	0.1	0.1	0.094	0.095	94	95	75-125	1	20	
Nickel	mg/L	0.0067	0.1	0.1	0.11	0.11	106	105	75-125	1	20	
Selenium	mg/L	ND	0.1	0.1	0.10	0.10	101	103	75-125	2	20	
Silver	mg/L	ND	0.1	0.1	0.11	0.11	105	108	75-125	2	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	103	103	75-125	0	20	
Zinc	mg/L	0.011	0.1	0.1	0.11	0.11	95	96	75-125	1	20	

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QUALITY CONTROL DATA

Project: Huffaker-Parcel F-2nd Bkgd
Pace Project No.: 92861310

QC Batch: 1013113
QC Batch Method: EPA 3005A
Analysis Method: EPA 6020B
Analysis Description: WC 6020B MET
Laboratory: Pace Analytical Services - West Columbia
Associated Lab Samples: 92861310006, 92861310007, 92861310008, 92861310009, 92861310010, 92861310011, 92861310012, 92861310013, 92861310014, 92861310015, 92861310016, 92861310017

METHOD BLANK: 5210043
Matrix: Water
Associated Lab Samples: 92861310006, 92861310007, 92861310008, 92861310009, 92861310010, 92861310011, 92861310012, 92861310013, 92861310014, 92861310015, 92861310016, 92861310017

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	mg/L	ND	0.0020	0.00043	06/03/26 17:09	
Arsenic	mg/L	ND	0.0020	0.00041	06/03/26 17:09	
Barium	mg/L	ND	0.0050	0.00056	06/03/26 17:09	
Beryllium	mg/L	ND	0.00040	0.00015	06/03/26 17:09	
Boron	mg/L	ND	0.040	0.0073	06/03/26 17:09	
Cadmium	mg/L	ND	0.00050	0.00010	06/03/26 17:09	
Calcium	mg/L	ND	0.40	0.10	06/03/26 17:09	
Chromium	mg/L	ND	0.0050	0.00024	06/03/26 17:09	
Cobalt	mg/L	ND	0.0050	0.00012	06/03/26 17:09	
Copper	mg/L	ND	0.0050	0.00069	06/03/26 17:09	
Lead	mg/L	ND	0.0010	0.00027	06/03/26 17:09	
Molybdenum	mg/L	ND	0.010	0.0020	06/03/26 17:09	
Nickel	mg/L	ND	0.0050	0.00092	06/03/26 17:09	
Selenium	mg/L	ND	0.0050	0.00050	06/03/26 17:09	
Silver	mg/L	ND	0.0010	0.00021	06/03/26 17:09	
Thallium	mg/L	ND	0.00050	0.00017	06/03/26 17:09	
Vanadium	mg/L	ND	0.0050	0.0011	06/03/26 17:09	
Zinc	mg/L	ND	0.010	0.0014	06/03/26 17:09	

LABORATORY CONTROL SAMPLE: 5210044

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	mg/L	0.1	0.098	98	80-120	
Arsenic	mg/L	0.1	0.092	92	80-120	
Barium	mg/L	0.1	0.10	100	80-120	
Beryllium	mg/L	0.1	0.095	95	80-120	
Boron	mg/L	0.1	0.097	97	80-120	
Cadmium	mg/L	0.1	0.096	96	80-120	
Calcium	mg/L	1	1.0	104	80-120	
Chromium	mg/L	0.1	0.10	100	80-120	
Cobalt	mg/L	0.1	0.10	102	80-120	
Copper	mg/L	0.1	0.10	104	80-120	
Lead	mg/L	0.1	0.099	99	80-120	
Molybdenum	mg/L	0.1	0.095	95	80-120	
Nickel	mg/L	0.1	0.10	105	80-120	
Selenium	mg/L	0.1	0.086	86	80-120	
Silver	mg/L	0.1	0.10	102	80-120	

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QUALITY CONTROL DATA

Project: Huffaker-Parcel F-2nd Bkgd
Pace Project No.: 92861310

LABORATORY CONTROL SAMPLE: 5210044

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Thallium	mg/L	0.1	0.096	96	80-120	
Vanadium	mg/L	0.1	0.098	98	80-120	
Zinc	mg/L	0.1	0.094	94	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5210045 5210046

Parameter	Units	92861310006 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	100	101	75-125	0	20	
Arsenic	mg/L	0.00076J	0.1	0.1	0.099	0.099	98	99	75-125	1	20	
Barium	mg/L	0.025	0.1	0.1	0.12	0.13	100	101	75-125	0	20	
Beryllium	mg/L	ND	0.1	0.1	0.099	0.097	99	97	75-125	2	20	
Boron	mg/L	0.0088J	0.1	0.1	0.11	0.11	97	97	75-125	0	20	
Cadmium	mg/L	ND	0.1	0.1	0.10	0.10	100	100	75-125	0	20	
Calcium	mg/L	3.4	1	1	4.3	4.2	91	86	75-125	1	20	
Chromium	mg/L	0.00051J	0.1	0.1	0.10	0.10	100	100	75-125	0	20	
Cobalt	mg/L	0.00061J	0.1	0.1	0.10	0.10	102	102	75-125	0	20	
Copper	mg/L	ND	0.1	0.1	0.11	0.11	105	105	75-125	0	20	
Lead	mg/L	ND	0.1	0.1	0.10	0.10	100	100	75-125	0	20	
Molybdenum	mg/L	ND	0.1	0.1	0.097	0.096	96	96	75-125	0	20	
Nickel	mg/L	0.0011J	0.1	0.1	0.11	0.11	104	104	75-125	0	20	
Selenium	mg/L	ND	0.1	0.1	0.097	0.098	97	98	75-125	1	20	
Silver	mg/L	ND	0.1	0.1	0.10	0.10	100	101	75-125	1	20	
Thallium	mg/L	ND	0.1	0.1	0.096	0.096	96	96	75-125	0	20	
Vanadium	mg/L	ND	0.1	0.1	0.099	0.098	99	98	75-125	1	20	
Zinc	mg/L	ND	0.1	0.1	0.10	0.10	102	102	75-125	0	20	

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QUALITY CONTROL DATA

Project: Huffaker-Parcel F-2nd Bkgd
Pace Project No.: 92861310

QC Batch: 1013116
QC Batch Method: EPA 3005A
Analysis Method: EPA 6020B
Analysis Description: WC 6020B MET
Laboratory: Pace Analytical Services - West Columbia
Associated Lab Samples: 92861310018, 92861310019, 92861310020, 92861310021, 92861310022, 92861310023, 92861310024

METHOD BLANK: 5210047
Matrix: Water
Associated Lab Samples: 92861310018, 92861310019, 92861310020, 92861310021, 92861310022, 92861310023, 92861310024

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	mg/L	ND	0.0020	0.00043	06/02/26 11:25	
Arsenic	mg/L	ND	0.0020	0.00041	06/02/26 11:25	
Barium	mg/L	ND	0.0050	0.00056	06/02/26 11:25	
Beryllium	mg/L	ND	0.00040	0.00015	06/03/26 22:22	
Boron	mg/L	ND	0.040	0.0073	06/03/26 22:22	
Cadmium	mg/L	ND	0.00050	0.00010	06/02/26 11:25	
Calcium	mg/L	ND	0.40	0.10	06/02/26 11:25	
Chromium	mg/L	ND	0.0050	0.00024	06/02/26 11:25	
Cobalt	mg/L	ND	0.0050	0.00012	06/02/26 11:25	
Copper	mg/L	ND	0.0050	0.00069	06/02/26 11:25	
Lead	mg/L	ND	0.0010	0.00027	06/02/26 11:25	
Molybdenum	mg/L	ND	0.010	0.0020	06/02/26 11:25	
Nickel	mg/L	ND	0.0050	0.00092	06/02/26 11:25	
Selenium	mg/L	ND	0.0050	0.00050	06/02/26 11:25	
Silver	mg/L	ND	0.0010	0.00021	06/02/26 11:25	
Thallium	mg/L	ND	0.00050	0.00017	06/02/26 11:25	
Vanadium	mg/L	ND	0.0050	0.0011	06/02/26 11:25	
Zinc	mg/L	ND	0.010	0.0014	06/02/26 11:25	

LABORATORY CONTROL SAMPLE: 5210048

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	mg/L	0.1	0.098	98	80-120	
Arsenic	mg/L	0.1	0.095	95	80-120	
Barium	mg/L	0.1	0.091	91	80-120	
Beryllium	mg/L	0.1	0.094	94	80-120	
Boron	mg/L	0.1	0.095	95	80-120	
Cadmium	mg/L	0.1	0.099	99	80-120	
Calcium	mg/L	1	1.0	101	80-120	
Chromium	mg/L	0.1	0.11	106	80-120	
Cobalt	mg/L	0.1	0.11	106	80-120	
Copper	mg/L	0.1	0.10	103	80-120	
Lead	mg/L	0.1	0.10	102	80-120	
Molybdenum	mg/L	0.1	0.093	93	80-120	
Nickel	mg/L	0.1	0.10	102	80-120	
Selenium	mg/L	0.1	0.098	98	80-120	
Silver	mg/L	0.1	0.10	105	80-120	
Thallium	mg/L	0.1	0.11	108	80-120	
Vanadium	mg/L	0.1	0.10	100	80-120	

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QUALITY CONTROL DATA

Project: Huffaker-Parcel F-2nd Bkgd
Pace Project No.: 92861310

LABORATORY CONTROL SAMPLE: 5210048

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Zinc	mg/L	0.1	0.092	92	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5210049 5210050

Parameter	Units	92861310018 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	0.096	0.097	96	96	75-125	0	20	
Arsenic	mg/L	0.0012J	0.1	0.1	0.098	0.098	97	96	75-125	1	20	
Barium	mg/L	0.077	0.1	0.1	0.17	0.17	93	93	75-125	0	20	
Beryllium	mg/L	ND	0.1	0.1	0.097	0.097	97	97	75-125	0	20	
Boron	mg/L	0.029J	0.1	0.1	0.13	0.13	96	98	75-125	1	20	
Cadmium	mg/L	ND	0.1	0.1	0.10	0.099	100	99	75-125	1	20	
Calcium	mg/L	51.0	1	1	51.6	53.4	54	237	75-125	3	20	M1
Chromium	mg/L	0.00034J	0.1	0.1	0.10	0.10	102	103	75-125	2	20	
Cobalt	mg/L	0.0015J	0.1	0.1	0.10	0.10	103	103	75-125	0	20	
Copper	mg/L	ND	0.1	0.1	0.10	0.10	103	102	75-125	1	20	
Lead	mg/L	ND	0.1	0.1	0.10	0.10	99	104	75-125	4	20	
Molybdenum	mg/L	ND	0.1	0.1	0.094	0.093	94	92	75-125	1	20	
Nickel	mg/L	0.0023J	0.1	0.1	0.10	0.10	101	101	75-125	0	20	
Selenium	mg/L	ND	0.1	0.1	0.083	0.081	83	81	75-125	2	20	
Silver	mg/L	ND	0.1	0.1	0.10	0.10	103	103	75-125	0	20	
Thallium	mg/L	ND	0.1	0.1	0.11	0.11	107	106	75-125	1	20	
Vanadium	mg/L	ND	0.1	0.1	0.10	0.10	102	101	75-125	1	20	
Zinc	mg/L	ND	0.1	0.1	0.092	0.091	92	91	75-125	2	20	

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QUALITY CONTROL DATA

Project: Huffaker-Parcel F-2nd Bkgd
Pace Project No.: 92861310

QC Batch: 1011708
QC Batch Method: EPA 7470A
Analysis Method: EPA 7470A
Analysis Description: WCOL 7470 Mercury
Laboratory: Pace Analytical Services - West Columbia
Associated Lab Samples: 92861310001, 92861310002, 92861310003, 92861310004, 92861310005

METHOD BLANK: 5202960 Matrix: Water
Associated Lab Samples: 92861310001, 92861310002, 92861310003, 92861310004, 92861310005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	mg/L	ND	0.00020	0.000091	05/21/26 18:46	CU

LABORATORY CONTROL SAMPLE: 5202961

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	0.002	0.0027	133	80-120	CH,L1

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5202962 5202963

Parameter	Units	92861302001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/L	ND	0.002	0.002	0.0024	0.0023	115	114	80-120	1	20	CH

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Huffaker-Parcel F-2nd Bkgd
Pace Project No.: 92861310

QC Batch: 1012191
QC Batch Method: EPA 7470A
Analysis Method: EPA 7470A
Analysis Description: WCOL 7470 Mercury
Laboratory: Pace Analytical Services - West Columbia
Associated Lab Samples: 92861310006, 92861310007, 92861310008, 92861310009, 92861310010, 92861310011, 92861310012, 92861310013, 92861310014, 92861310015, 92861310016, 92861310017

METHOD BLANK: 5205656
Matrix: Water
Associated Lab Samples: 92861310006, 92861310007, 92861310008, 92861310009, 92861310010, 92861310011, 92861310012, 92861310013, 92861310014, 92861310015, 92861310016, 92861310017

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	mg/L	ND	0.00020	0.000091	05/24/26 14:24	

LABORATORY CONTROL SAMPLE: 5205657

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	0.002	0.0019	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5205658 5205659

Parameter	Units	92861310010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/L	ND	0.002	0.002	0.0021	0.0020	104	98	80-120	6	20	

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QUALITY CONTROL DATA

Project: Huffaker-Parcel F-2nd Bkgd
Pace Project No.: 92861310

QC Batch: 1012658
QC Batch Method: EPA 7470A
Analysis Method: EPA 7470A
Analysis Description: WCOL 7470 Mercury
Laboratory: Pace Analytical Services - West Columbia
Associated Lab Samples: 92861310018, 92861310019, 92861310020, 92861310021, 92861310022, 92861310023, 92861310024

METHOD BLANK: 5207505
Matrix: Water
Associated Lab Samples: 92861310018, 92861310019, 92861310020, 92861310021, 92861310022, 92861310023, 92861310024

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	mg/L	ND	0.00020	0.000091	05/27/26 19:46	

LABORATORY CONTROL SAMPLE: 5207506

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	0.002	0.0020	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5207507 5207508

Parameter	Units	92861809002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/L	ND	0.002	0.002	0.0022	0.0022	107	107	80-120	0	20	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: Huffaker-Parcel F-2nd Bkgd
Pace Project No.: 92861310

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.

WORKORDER QUALIFIERS

WO: 92861310

[1]	GEOSYNTEC
[2]	DO NOT DILUTE. MUST MEET REPORTING LIMITS. LET PM KNOW FIRST IF THERE ARE ISSUES.

ANALYTE QUALIFIERS

B	Analyte was detected in the associated method blank.
CH	The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.
CU	The continuing calibration for this analyte is above laboratory acceptance limits. Analyte was not detected above the reporting limit in any of the associated samples.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
L3	Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Huffaker-Parcel F-2nd Bkgd
Pace Project No.: 92861310

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92861310001	**HAM-GWA-24**	3015	2759443	EPA 6020B	2759443
92861310002	**HAM-GWA-25**	3015	2759443	EPA 6020B	2759443
92861310003	**HAM-GWA-26**	3015	2759443	EPA 6020B	2759443
92861310004	**HAM-GWA-27**	3015	2759443	EPA 6020B	2759443
92861310005	**HAM-GWC-33**	3015	2759443	EPA 6020B	2759443
92861310006	**HAM-GWC-28**	3015	2763685	EPA 6020B	2763685
92861310007	**HAM-GWC-29**	3015	2763685	EPA 6020B	2763685
92861310008	**HAM-GWC-32**	3015	2763685	EPA 6020B	2763685
92861310009	**HAM-GWC-34**	3015	2763685	EPA 6020B	2763685
92861310010	**HAM-GWC-35**	3015	2763685	EPA 6020B	2763685
92861310011	**HAM-GWC-36**	3015	2763685	EPA 6020B	2763685
92861310012	**HAM-GWC-37**	3015	2763685	EPA 6020B	2763685
92861310013	**HAM-GWC-39**	3015	2763685	EPA 6020B	2763685
92861310014	**HAM-GWC-40**	3015	2763685	EPA 6020B	2763685
92861310015	**HAM-HLF-F-EB-02**	3015	2763685	EPA 6020B	2763685
92861310016	**HAM-HLF-F-FB-02**	3015	2763685	EPA 6020B	2763685
92861310017	**HAM-HLF-F-FD-02**	3015	2763685	EPA 6020B	2763685
92861310018	**HAM-GWC-30**	3015	2763698	EPA 6020B	2763698
92861310019	**HAM-GWC-31**	3015	2763698	EPA 6020B	2763698
92861310020	**HAM-GWC-38**	3015	2763698	EPA 6020B	2763698
92861310021	**HAM-GWC-41**	3015	2763698	EPA 6020B	2763698
92861310022	**HAM-HLF-F-FD-03**	3015	2763698	EPA 6020B	2763698
92861310023	**HAM-HLF-F-FB-03**	3015	2763698	EPA 6020B	2763698
92861310024	**HAM-HLF-F-EB-03**	3015	2763698	EPA 6020B	2763698
92861310001	**HAM-GWA-24**	SM 2540C-2020	1011852		
92861310002	**HAM-GWA-25**	SM 2540C-2020	1011852		
92861310003	**HAM-GWA-26**	SM 2540C-2020	1011852		
92861310004	**HAM-GWA-27**	SM 2540C-2020	1011852		
92861310005	**HAM-GWC-33**	SM 2540C-2020	1011852		
92861310006	**HAM-GWC-28**	SM 2540C-2020	1012227		
92861310007	**HAM-GWC-29**	SM 2540C-2020	1012227		
92861310008	**HAM-GWC-32**	SM 2540C-2020	1012227		
92861310009	**HAM-GWC-34**	SM 2540C-2020	1012226		
92861310010	**HAM-GWC-35**	SM 2540C-2020	1012226		
92861310011	**HAM-GWC-36**	SM 2540C-2020	1012226		
92861310012	**HAM-GWC-37**	SM 2540C-2020	1012227		
92861310013	**HAM-GWC-39**	SM 2540C-2020	1012228		
92861310014	**HAM-GWC-40**	SM 2540C-2020	1012226		
92861310015	**HAM-HLF-F-EB-02**	SM 2540C-2020	1012226		
92861310016	**HAM-HLF-F-FB-02**	SM 2540C-2020	1012226		
92861310017	**HAM-HLF-F-FD-02**	SM 2540C-2020	1012228		
92861310018	**HAM-GWC-30**	SM 2540C-2020	1012474		
92861310019	**HAM-GWC-31**	SM 2540C-2020	1012474		
92861310020	**HAM-GWC-38**	SM 2540C-2020	1012474		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Huffaker-Parcel F-2nd Bkgd
Pace Project No.: 92861310

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92861310021	**HAM-GWC-41**	SM 2540C-2020	1012474		
92861310022	**HAM-HLF-F-FD-03**	SM 2540C-2020	1012474		
92861310023	**HAM-HLF-F-FB-03**	SM 2540C-2020	1012474		
92861310024	**HAM-HLF-F-EB-03**	SM 2540C-2020	1012474		
92861310001	**HAM-GWA-24**	EPA 300.0 Rev 2.1 1993	1011478		
92861310002	**HAM-GWA-25**	EPA 300.0 Rev 2.1 1993	1011478		
92861310003	**HAM-GWA-26**	EPA 300.0 Rev 2.1 1993	1011478		
92861310004	**HAM-GWA-27**	EPA 300.0 Rev 2.1 1993	1011478		
92861310005	**HAM-GWC-33**	EPA 300.0 Rev 2.1 1993	1011478		
92861310006	**HAM-GWC-28**	EPA 300.0 Rev 2.1 1993	1012179		
92861310007	**HAM-GWC-29**	EPA 300.0 Rev 2.1 1993	1012179		
92861310008	**HAM-GWC-32**	EPA 300.0 Rev 2.1 1993	1012179		
92861310009	**HAM-GWC-34**	EPA 300.0 Rev 2.1 1993	1012179		
92861310010	**HAM-GWC-35**	EPA 300.0 Rev 2.1 1993	1012179		
92861310011	**HAM-GWC-36**	EPA 300.0 Rev 2.1 1993	1012179		
92861310012	**HAM-GWC-37**	EPA 300.0 Rev 2.1 1993	1012179		
92861310013	**HAM-GWC-39**	EPA 300.0 Rev 2.1 1993	1012179		
92861310014	**HAM-GWC-40**	EPA 300.0 Rev 2.1 1993	1012179		
92861310015	**HAM-HLF-F-EB-02**	EPA 300.0 Rev 2.1 1993	1012179		
92861310016	**HAM-HLF-F-FB-02**	EPA 300.0 Rev 2.1 1993	1012179		
92861310017	**HAM-HLF-F-FD-02**	EPA 300.0 Rev 2.1 1993	1012179		
92861310018	**HAM-GWC-30**	EPA 300.0 Rev 2.1 1993	1012490		
92861310019	**HAM-GWC-31**	EPA 300.0 Rev 2.1 1993	1012490		
92861310020	**HAM-GWC-38**	EPA 300.0 Rev 2.1 1993	1012490		
92861310021	**HAM-GWC-41**	EPA 300.0 Rev 2.1 1993	1012490		
92861310022	**HAM-HLF-F-FD-03**	EPA 300.0 Rev 2.1 1993	1012490		
92861310023	**HAM-HLF-F-FB-03**	EPA 300.0 Rev 2.1 1993	1012490		
92861310024	**HAM-HLF-F-EB-03**	EPA 300.0 Rev 2.1 1993	1012490		
92861310001	**HAM-GWA-24**	EPA 3005A	1011926	EPA 6020B	1012938
92861310002	**HAM-GWA-25**	EPA 3005A	1011926	EPA 6020B	1012938
92861310003	**HAM-GWA-26**	EPA 3005A	1011926	EPA 6020B	1012938
92861310004	**HAM-GWA-27**	EPA 3005A	1011926	EPA 6020B	1012938
92861310005	**HAM-GWC-33**	EPA 3005A	1011926	EPA 6020B	1012938
92861310006	**HAM-GWC-28**	EPA 3005A	1013113	EPA 6020B	1014445
92861310007	**HAM-GWC-29**	EPA 3005A	1013113	EPA 6020B	1014445
92861310008	**HAM-GWC-32**	EPA 3005A	1013113	EPA 6020B	1014445
92861310009	**HAM-GWC-34**	EPA 3005A	1013113	EPA 6020B	1014445
92861310010	**HAM-GWC-35**	EPA 3005A	1013113	EPA 6020B	1014445
92861310011	**HAM-GWC-36**	EPA 3005A	1013113	EPA 6020B	1014445
92861310012	**HAM-GWC-37**	EPA 3005A	1013113	EPA 6020B	1014445
92861310013	**HAM-GWC-39**	EPA 3005A	1013113	EPA 6020B	1014445
92861310014	**HAM-GWC-40**	EPA 3005A	1013113	EPA 6020B	1014445
92861310015	**HAM-HLF-F-EB-02**	EPA 3005A	1013113	EPA 6020B	1014445
92861310016	**HAM-HLF-F-FB-02**	EPA 3005A	1013113	EPA 6020B	1014445
92861310017	**HAM-HLF-F-FD-02**	EPA 3005A	1013113	EPA 6020B	1014445
92861310018	**HAM-GWC-30**	EPA 3005A	1013116	EPA 6020B	1013764

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Huffaker-Parcel F-2nd Bkgd
Pace Project No.: 92861310

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92861310019	**HAM-GWC-31**	EPA 3005A	1013116	EPA 6020B	1013764
92861310020	**HAM-GWC-38**	EPA 3005A	1013116	EPA 6020B	1013764
92861310021	**HAM-GWC-41**	EPA 3005A	1013116	EPA 6020B	1013764
92861310022	**HAM-HLF-F-FD-03**	EPA 3005A	1013116	EPA 6020B	1013764
92861310023	**HAM-HLF-F-FB-03**	EPA 3005A	1013116	EPA 6020B	1013764
92861310024	**HAM-HLF-F-EB-03**	EPA 3005A	1013116	EPA 6020B	1013764
92861310001	**HAM-GWA-24**	EPA 7470A	1011708	EPA 7470A	1012021
92861310002	**HAM-GWA-25**	EPA 7470A	1011708	EPA 7470A	1012021
92861310003	**HAM-GWA-26**	EPA 7470A	1011708	EPA 7470A	1012021
92861310004	**HAM-GWA-27**	EPA 7470A	1011708	EPA 7470A	1012021
92861310005	**HAM-GWC-33**	EPA 7470A	1011708	EPA 7470A	1012021
92861310006	**HAM-GWC-28**	EPA 7470A	1012191	EPA 7470A	1012639
92861310007	**HAM-GWC-29**	EPA 7470A	1012191	EPA 7470A	1012639
92861310008	**HAM-GWC-32**	EPA 7470A	1012191	EPA 7470A	1012639
92861310009	**HAM-GWC-34**	EPA 7470A	1012191	EPA 7470A	1012639
92861310010	**HAM-GWC-35**	EPA 7470A	1012191	EPA 7470A	1012639
92861310011	**HAM-GWC-36**	EPA 7470A	1012191	EPA 7470A	1012639
92861310012	**HAM-GWC-37**	EPA 7470A	1012191	EPA 7470A	1012639
92861310013	**HAM-GWC-39**	EPA 7470A	1012191	EPA 7470A	1012639
92861310014	**HAM-GWC-40**	EPA 7470A	1012191	EPA 7470A	1012639
92861310015	**HAM-HLF-F-EB-02**	EPA 7470A	1012191	EPA 7470A	1012639
92861310016	**HAM-HLF-F-FB-02**	EPA 7470A	1012191	EPA 7470A	1012639
92861310017	**HAM-HLF-F-FD-02**	EPA 7470A	1012191	EPA 7470A	1012639
92861310018	**HAM-GWC-30**	EPA 7470A	1012658	EPA 7470A	1012978
92861310019	**HAM-GWC-31**	EPA 7470A	1012658	EPA 7470A	1012978
92861310020	**HAM-GWC-38**	EPA 7470A	1012658	EPA 7470A	1012978
92861310021	**HAM-GWC-41**	EPA 7470A	1012658	EPA 7470A	1012978
92861310022	**HAM-HLF-F-FD-03**	EPA 7470A	1012658	EPA 7470A	1012978
92861310023	**HAM-HLF-F-FB-03**	EPA 7470A	1012658	EPA 7470A	1012978
92861310024	**HAM-HLF-F-EB-03**	EPA 7470A	1012658	EPA 7470A	1012978

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Pace	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# : 92861310
92861310

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

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

Date/Initials Person Examining Contents: 5/20/26 am

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

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

Thermometer: ☐ IR Gun ID: 214

Type of Ice: ☑ Wet ☐ Blue ☐ None

Cooler Temp: 3.4

Correction Factor: Add/Subtract (°C) 0

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

Cooler Temp Corrected (°C): 3.4

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	

Field Data Required? ☐ Yes ☐ No

COMMENTS/SAMPLE DISCREPANCY

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: Date/Time:

Project Manager SCURF Review: Date:

Project Manager SRF Review: Date:

Pace

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

Effective Date: 05/24/2024

WO#: 92861310

PM: BV **Due Date: 06/04/26**

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 GA Power Profile/EZ (Circle one) Notes

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP/N	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)(C-)	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		2		2																						
2		1	1		2		2																						
3		1	1		2		2																						
4		1	1		2		2																						
5		1	1		2		2																						
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.

Pace® Location Requested (City/State):
Pace Analytical Charlotte
9800 Kincey Ave. Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

92861310

Scan QR Code for instructions

Company Name:	Georgia Power- Hammond	Contact/Report To:	Chris Tidwell
Street Address:	241 Ralph McGill Blvd NE Bin 10160 Atlanta, GA 30308	Phone #:	404-316-7524
		E-Mail:	catidwel@southernco.com
		Cc E-Mail:	
Customer Project #:			
Project Name:	Plant Hammond-Huffaker Parcel F -2nd Background	Invoice To:	Account Payable
		Invoice E-Mail:	georgiapowerinvoices@southernco.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	GPC82474-0011
		Quote #:	
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET		County / State origin of sample(s):	Georgia

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other _____

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	App. III Metals	App. IV Metals	App. I Metals: Cu, Ni, Ag, V, Zn	2540C Total Dissolved Solids	300.0 - Cl, SO4, F	RAD 226/228					Sample Comment	Preservation non-conformance identified for sample.
Specify Container Size **										3	3	3	2	3	1						
Identify Container Preservative Type***										2	2	2	1	1	2						
Analysis Requested																					
HAM-GWA-24	WG	Grab			5/18/2026	1455	6			X	X	X	X	X	X					Temp = 25.77 °C	001
HAM-GWA-25	WG	Grab			5/18/2026	1750	6			X	X	X	X	X	X					Temp = 20.35 °C	002
HAM-GWA-26	WG	Grab			5/18/2026	1830	6			X	X	X	X	X	X					Temp = 23.51 °C	003
HAM-GWA-27	WG	Grab	ZW 5/19/2026		5/19/2026	1012	6			X	X	X	X	X	X					Temp = 20.28 °C	004
HAM-GWC-33	WG	Grab			5/19/2026	1725	6	ZW 5/19/2026		X	X	X	X	X	X					Temp = 22.16 °C	005
			ZW 5/19/2026																		

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only:
Proj. Mgr: Bonnie Vang
AcctNum / Client ID:
Table #:
Profile / Template: 16483
Prelog / Bottle Ord. ID: EZ 3367411

Additional Instructions from Pace®:
Task Code: HAM-CCR-OTH-20260518.
App III metals include B, Ca, Cl, F, SO4, TDS.
App IV metals include Sb, As, Ba, Be, Cd, Cr, Co, F, Pb, Li, Hg, Mo, Se, Tl, Ra.
App I metals include Cu, Ni, Ag, V, Zn.

Collected By: (Printed Name) Zain Webb & Alex Ullrich
Signature: Zain Webb

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp (°C)	Corrected Temp. (°C)	On Ice:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Zain Webb / Geosyntec	5-20-26 0945	Ryan Williams / Pace	5/20/26 0945
Ryan Williams / Pace	5/20/26 1245		5/20/26 1245
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:

Delivered by: [ ] In- Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 1 of 1

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

ENV-FRM-CORQ-0019_v02_110123 ©

Pace	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: GAPower - Hammond

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: 5/22/26 DW

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

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

Thermometer: ☐ IR Gun ID: 214

Type of Ice: ☑ Wet ☐ Blue ☐ None

Cooler Temp: 2.3 **Correction Factor:** Add/Subtract (°C) 0

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

Cooler Temp Corrected (°C): 2.3

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?	☑ 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:** _____

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

Effective Date: 05/24/2024

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.
Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, 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 GA Power-Hammond 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)	BP4N	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		2		2 ✓																						
2		1	1		2		2 ✓																						
3		1	1		2		2 ✓																						
4		1	1		2		2 ✓																						
5		1	1		2		2 ✓																						
6		1	1		2		2 ✓																						
7		1	1		2		2 ✓																						
8		1	1		2		2 ✓																						
9		1	1		2		2 ✓																						
10		1	1		2		2 ✓																						
11		1	1		2		2 ✓																						
12		1	1		2		2 ✓																						

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.

Pace

Pace® Location Requested (City/State):
Pace Analytical Charlotte
9800 Kincey Ave. Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Georgia Power- Hammond
Street Address: 241 Ralph McGill Blvd NE
Bin 10160
Atlanta, GA 30308
Customer Project #:
Project Name: Plant Hammond-Huffaker Parcel F -2nd Background
Site Collection Info/Facility ID (as applicable):

Contact/Report To: Chris Tidwell
Phone #: 404-316-7524
E-Mail: catidwel@southernco.com
Cc E-Mail:

Invoice To: Account Payable
Invoice E-Mail: georgiapowerinvoices@southernco.com
Purchase Order # (if applicable): GPC82474-0011
Quote #:

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET

County / State origin of sample(s): Georgia

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **: 3 3 3 2 3 1

Identify Container Preservative Type***: 2 2 2 1 1 2

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj. Mgr: Bonnie Vang; AcctNum / Client ID:; Table #:; Profile / Template: 16483; Prelog / Bottle Ord. ID: EZ 3367411

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	App. III Metals	App. IV Metals	App. I Metals: Cu, Ni, Ag, V, Zn	2540C Total Dissolved Solids	300.0 - Cl, SO4, F	RAD 228/228					Sample Comment	Preservation non-conformance identified for sample.
HAM-GWC-28	WG	Grab			5/21/2026	1217	6			X	X	X	X	X	X					Temp = 20.20 °C	
HAM-GWC-29	WG	Grab			5/21/2026	1719	6			X	X	X	X	X	X					Temp = 18.83°C	
HAM-GWC-32	WG	Grab			5/21/2026	1437	6			X	X	X	X	X	X					Temp = 21.06°C	
HAM-GWC-34	WG	Grab			5/20/2026	0926	6			X	X	X	X	X	X					Temp = 20.62 °C	
HAM-GWC-35	WG	Grab			5/20/2026	1346	6			X	X	X	X	X	X					Temp = 25.98 °C	
HAM-GWC-36	WG	Grab	ZW 5/21/2026		5/20/2026	1750	6	ZW 5/21/2026		X	X	X	X	X	X					Temp = 22.86 °C	
HAM-GWC-37	WG	Grab			5/21/2026	1210	6			X	X	X	X	X	X					Temp = 23.49 °C	
HAM-GWC-39	WG	Grab			5/21/2026	1800	6			X	X	X	X	X	X					Temp = 19.23 °C	
HAM-GWC-40	WG	Grab			5/20/2026	2014	6			X	X	X	X	X	X					Temp = 18.92 °C	
HAM-HLF-F-EB-02	WQ	Grab			5/20/2026	1845	6			X	X	X	X	X	X					Temp = 21.37 °C	

Additional Instructions from Pace®:
Task Code: HAM-CCR-OTH-20260518.
App III metals include B, Ca, Cl, F, SO4, TDS.
App IV metals include Sb, As, Ba, Be, Cd, Cr, Co, F, Pb, Li, Hg, Mo, Se, Tl, Ra.
App I metals include Cu, Ni, Ag, V, Zn.

Collected By: (Printed Name) Zain Webb & Alex Ullrich
Signature: Zain Webb Alex Ullrich

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C) Corrected Temp. (°C) On Ice:

Relinquished by/Company: (Signature)	Date/Time	Received by/Company: (Signature)	Date/Time
Georgia Power	5/22/2026; 1036	Ryan Williams / Pace	5/22/26 1035
Ryan Williams / Pace	5/22/26 1250		5/22/26 1250

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 1 of 2

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

ENV-FRM-CORQ-0019_v02_110123 ©

Pace® Location Requested (City/State):
Pace Analytical Charlotte
9800 Kincey Ave. Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name:	Georgia Power- Hammond	Contact/Report To:	Chris Tidwell
Street Address:	241 Ralph McGill Blvd NE Bin 10160 Atlanta, GA 30308	Phone #:	404-316-7524
		E-Mail:	catidwel@southernco.com
		Cc E-Mail:	
Customer Project #:			
Project Name:	Plant Hammond-Huffaker Parcel F -2nd Background	Invoice To:	Account Payable
		Invoice E-Mail:	georgiapowerinvoices@southernco.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	GPC82474-0011
		Quote #:	

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET

County / State origin of sample(s): Georgia

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

* Matrix Codes (insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **: 3 | 3 | 3 | 2 | 3 | 1

Identify Container Preservative Type***: 2 | 2 | 2 | 1 | 1 | 2

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	App. III Metals	App. IV Metals	App. I Metals: Cu, Ni, Ag, V, Zn	2540C Total Dissolved Solids	300.0 - Cl, SO4, F	RAD 228/228	Sample Comment	Preservation non-conformance identified for sample.
HAM-HLF-F-FB-02	WQ	Grab			5/20/2026	1840	6			X	X	X	X	X	X	Temp = 21.37 °C	
HAM-HLF-F-FD-02	WG	Grab	ZW 5/21/2026		5/21/2026	0000	6	ZW 5/21/2026		X	X	X	X	X	X	Temp = 21.37 °C	
					ZW 5/21/2026												

Lab Use Only: Proj. Mgr: Bonnie Vang; AcctNum / Client ID:; Table #:; Profile / Template: 16483; Prelog / Bottle Ord. ID: EZ 3367411

Additional Instructions from Pace®:
Task Code: HAM-CCR-OTH-20260518.
App III metals include B, Ca, Cl, F, SO4, TDS.
App IV metals include Sb, As, Ba, Be, Cd, Cr, Co, F, Pb, Li, Hg, Mo, Se, Tl, Ra.
App I metals include Cu, Ni, Ag, V, Zn.

Collected By: (Printed Name) Zain Webb & Alex Ullrich

Signature: Zain Webb

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: | Thermometer ID: | Correction Factor (°C): | Obs. Temp. (°C) | Corrected Temp. (°C) | On Ice:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Alex Ullrich / Geosyntec	5/22/2026 1035	Ryan Williams / Pace	5/22/26 1035
Ryan Williams / Pace	5/22/26 1250		5/22/26 1250

Tracking Number:

Delivered by: [ ] In- Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

Pace	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 - Hammond

Project #:

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: 5/26/26 GM

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: 5.2 **Correction Factor:** Add/Subtract (°C) 0.0

Temp should be above freezing to 6°C

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

Cooler Temp Corrected (°C): 5.2

USDA Regulated Soil (☐ N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? ☐ Yes ☐ 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: WT				
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:** _____

Pace	DC#_Title: ENV-FRM-HUN1-0083 v05_Sample Condition Upon Receipt
	Effective Date: 05/24/2024

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.
Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, 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 GA. Power - Hammond Profile/EZ (Circle one) 336 7411 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)	BP IN	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		2 ✓		2 ✓																						
2		1	1		2 ✓		2 ✓																						
3		1	1		2 ✓		2 ✓																						
4		1	1		2 ✓		2 ✓																						
5		1	1		2 ✓		2 ✓																						
6		1	1		2 ✓		2 ✓																						
7		1	1		2 ✓		2 ✓																						
8																													
9																													
10																													
11																													
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pH Adjustment Log for Preserved Samples

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

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

Pace® Location Requested (City/State):
Pace Analytical Charlotte
9800 Kincey Ave. Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

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Scan QR Code for instructions

Company Name: Georgia Power- Hammond
Street Address: 241 Ralph McGill Blvd NE
Bin 10160
Atlanta, GA 30308
Customer Project #:
Project Name: Plant Hammond-Huffaker Parcel F -2nd Background
Site Collection Info/Facility ID (as applicable):

Contact/Report To: Chris Tidwell
Phone #: 404-316-7524
E-Mail: catidwel@southernco.com
Cc E-Mail:
Invoice To: Account Payable
Invoice E-Mail: georgiapowerinvoices@southernco.com
Purchase Order # (if applicable): GPC82474-0011
Quote #:

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET
County / State origin of sample(s): Georgia

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQuIS [ ] Other
Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No
Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other
DW PWSID # or WW Permit # as applicable:
Date Results Requested:
Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **: 3 3 3 2 3 1
Identify Container Preservative Type***: 2 2 2 1 1 2
Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj. Mgr: Bonnie Vang; AcctNum / Client ID.; Table #:; Profile / Template: 16483; Prelog / Bottle Ord. ID: EZ 3367411

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	App. III Metals	App. IV Metals	App. I Metals: Cu, Ni, Ag, V, Zn	2540C Total Dissolved Solids	300.0 - Cl, SO4, F	RAD 226/228	Sample Comment	Preservation non-conformance identified for sample
HAM-GWC-30	WG	Grab			5/22/2026	1347	6			X	X	X	X	X	X	Temp = 19.01 °C	
HAM-GWC-31	WG	Grab			5/22/2026	1200	6			X	X	X	X	X	X	Temp = 21.46 °C	
HAM-GWC-38	WG	Grab			5/22/2026	1420	6			X	X	X	X	X	X	Temp = 21.87 °C	
HAM-GWC-41	WG	Grab	ZW 5/22/2026		5/22/2026	1040	6	ZW 5/22/2026		X	X	X	X	X	X	Temp = 20.11 °C	
HAM-HLF-F-FD-03	WG	Grab			5/22/2026	0000	6			X	X	X	X	X	X	Temp = 20.61 °C	
HAM-HLF-F-EB-03	WQ	Grab			5/22/2026	1450	6			X	X	X	X	X	X	Temp = 20.61 °C	
HAM-HLF-F-FB-03	WQ	Grab			5/22/2026	1445	6			X	X	X	X	X	X	Temp = 20.61 °C	
			ZW 5/22/2026													Last Sample	

Additional Instructions from Pace®:
Task Code: HAM-CCR-OTH-20260518.
App III metals include B, Ca, Cl, F, SO4, TDS.
App IV metals include Sb, As, Ba, Be, Cd, Cr, Co, F, Pb, Li, Hg, Mo, Se, Tl, Ra.
App I metals include Cu, Ni, Ag, V, Zn.

Collected By: (Printed Name) Zain Webb & Alex Ullrich
Signature: Zain Webb

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: | Thermometer ID: | Correction Factor (°C): | Obs. Temp. (°C) | Corrected Temp. (°C) | On Ice:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Zain Webb / Georgia Power	5-26-2026 1040	Ryan Williams / Pace	5/26/2026 1040
Ryan Williams / Pace	5/26/2026 1425	[illegible] / Pace	5/26/26 1425

Tracking Number:
Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 1 of 1

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

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

June 23, 2026

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

RE: Project: Huffaker-Parcel F-2nd Bkgd-RAD
Pace Project No.: 92861313

Dear Kristen Jurinko:

Enclosed are the analytical results for sample(s) received by the laboratory between May 20, 2026 and May 26, 2026. 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 - Greensburg

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

Sincerely,

Bonnie Vang

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
Amanda Tomlinson, Geosyntec Consultants
Zain Webb, Geosyntec Consultants

REPORT OF LABORATORY ANALYSIS

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without the written consent of Pace Analytical Services, LLC.

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

CERTIFICATIONS

Project: Huffaker-Parcel F-2nd Bkgd-RAD
Pace Project No.: 92861313

Pace Analytical Services Pennsylvania
1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANABISO/IEC 17025:2017 Rad Cert#: L24170
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 2950
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
EPA Region 3 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA010
Louisiana DEQ/TNI Certification #: 04086
Maine Certification #: 2023021
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991
Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572023-03
New Hampshire/TNI Certification #: 297622
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-015
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN02867
Texas/TNI Certification #: T104704188-22-18
Utah/TNI Certification #: PA014572223-14
USDA Soil Permit #: 525-23-67-77263
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad

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without the written consent of Pace Analytical Services, LLC.

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

SAMPLE SUMMARY

Project: Huffaker-Parcel F-2nd Bkgd-RAD
Pace Project No.: 92861313

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92861313001	**HAM-GWA-24**	Water	05/18/26 14:55	05/20/26 12:45
92861313002	**HAM-GWA-25**	Water	05/18/26 17:50	05/20/26 12:45
92861313003	**HAM-GWA-26**	Water	05/18/26 18:30	05/20/26 12:45
92861313004	**HAM-GWA-27**	Water	05/19/26 10:12	05/20/26 12:45
92861313005	**HAM-GWC-33**	Water	05/19/26 17:25	05/20/26 12:45
92861313006	**HAM-GWC-28**	Water	05/21/26 12:17	05/22/26 12:50
92861313007	**HAM-GWC-29**	Water	05/21/26 17:19	05/22/26 12:50
92861313008	**HAM-GWC-32**	Water	05/21/26 14:37	05/22/26 12:50
92861313009	**HAM-GWC-34**	Water	05/20/26 09:26	05/22/26 12:50
92861313010	**HAM-GWC-35**	Water	05/20/26 13:46	05/22/26 12:50
92861313011	**HAM-GWC-36**	Water	05/20/26 17:50	05/22/26 12:50
92861313012	**HAM-GWC-37**	Water	05/21/26 12:10	05/22/26 12:50
92861313013	**HAM-GWC-39**	Water	05/21/26 18:00	05/22/26 12:50
92861313014	**HAM-GWC-40**	Water	05/20/26 20:14	05/22/26 12:50
92861313015	**HAM-HLF-F-EB-02**	Water	05/20/26 18:45	05/22/26 12:50
92861313016	**HAM-HLF-F-FB-02**	Water	05/20/26 18:40	05/22/26 12:50
92861313017	**HAM-HLF-F-FD-02**	Water	05/21/26 00:00	05/22/26 12:50
92861313018	**HAM-GWC-30**	Water	05/22/26 13:47	05/26/26 14:25
92861313019	**HAM-GWC-31**	Water	05/22/26 12:00	05/26/26 14:25
92861313020	**HAM-GWC-38**	Water	05/22/26 14:20	05/26/26 14:25
92861313021	**HAM-GWC-41**	Water	05/22/26 10:40	05/26/26 14:25
92861313022	**HAM-HLF-F-FD-03**	Water	05/22/26 00:00	05/26/26 14:25
92861313023	**HAM-HLF-F-EB-03**	Water	05/22/26 14:50	05/26/26 14:25
92861313024	**HAM-HLF-F-FB-03**	Water	05/22/26 14:45	05/26/26 14:25

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SAMPLE ANALYTE COUNT

Project: Huffaker-Parcel F-2nd Bkgd-RAD
Pace Project No.: 92861313

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92861313001	**HAM-GWA-24**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JGH	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92861313002	**HAM-GWA-25**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JGH	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92861313003	**HAM-GWA-26**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JGH	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92861313004	**HAM-GWA-27**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92861313005	**HAM-GWC-33**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92861313006	**HAM-GWC-28**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92861313007	**HAM-GWC-29**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92861313008	**HAM-GWC-32**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92861313009	**HAM-GWC-34**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92861313010	**HAM-GWC-35**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92861313011	**HAM-GWC-36**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92861313012	**HAM-GWC-37**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92861313013	**HAM-GWC-39**	EPA 9315	SLC	1	PASI-PA

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SAMPLE ANALYTE COUNT

Project: Huffaker-Parcel F-2nd Bkgd-RAD
Pace Project No.: 92861313

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 9320	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92861313014	**HAM-GWC-40**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92861313015	**HAM-HLF-F-EB-02**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92861313016	**HAM-HLF-F-FB-02**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92861313017	**HAM-HLF-F-FD-02**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92861313018	**HAM-GWC-30**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92861313019	**HAM-GWC-31**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92861313020	**HAM-GWC-38**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92861313021	**HAM-GWC-41**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JGH	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92861313022	**HAM-HLF-F-FD-03**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JGH	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92861313023	**HAM-HLF-F-EB-03**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JGH	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92861313024	**HAM-HLF-F-FB-03**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JGH	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA

PASI-PA = Pace Analytical Services - Greensburg

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SUMMARY OF DETECTION

Project: Huffaker-Parcel F-2nd Bkgd-RAD
Pace Project No.: 92861313

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92861313001	**HAM-GWA-24**					
EPA 9315	Radium-226	0.162U ± 0.206 (0.434) C:94% T:NA	pCi/L		06/17/26 10:05	
EPA 9320	Radium-228	0.273U ± 0.257 (0.516) C:84% T:95%	pCi/L		06/18/26 17:04	
Total Radium Calculation	Total Radium	0.435U ± 0.463 (0.950)	pCi/L		06/19/26 10:52	
92861313002	**HAM-GWA-25**					
EPA 9315	Radium-226	0.0565U ± 0.258 (0.631) C:89% T:NA	pCi/L		06/17/26 10:05	
EPA 9320	Radium-228	0.290U ± 0.318 (0.665) C:86% T:93%	pCi/L		06/18/26 17:04	
Total Radium Calculation	Total Radium	0.347U ± 0.576 (1.30)	pCi/L		06/19/26 10:52	
92861313003	**HAM-GWA-26**					
EPA 9315	Radium-226	0.138U ± 0.239 (0.542) C:91% T:NA	pCi/L		06/17/26 10:06	
EPA 9320	Radium-228	0.280U ± 0.310 (0.648) C:89% T:92%	pCi/L		06/18/26 17:05	
Total Radium Calculation	Total Radium	0.418U ± 0.549 (1.19)	pCi/L		06/19/26 10:52	
92861313004	**HAM-GWA-27**					
EPA 9315	Radium-226	0.192U ± 0.219 (0.454) C:91% T:NA	pCi/L		06/17/26 08:15	
EPA 9320	Radium-228	0.605U ± 0.688 (1.44) C:82% T:46%	pCi/L		06/17/26 16:46	
Total Radium Calculation	Total Radium	0.797U ± 0.907 (1.89)	pCi/L		06/18/26 18:48	

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SUMMARY OF DETECTION

Project: Huffaker-Parcel F-2nd Bkgd-RAD
Pace Project No.: 92861313

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92861313005	**HAM-GWC-33**					
EPA 9315	Radium-226	0.0723U ± 0.212 (0.512) C:87% T:NA	pCi/L		06/17/26 08:15	
EPA 9320	Radium-228	0.720U ± 0.739 (1.53) C:85% T:47%	pCi/L		06/17/26 16:46	
Total Radium Calculation	Total Radium	0.792U ± 0.951 (2.04)	pCi/L		06/18/26 18:48	
92861313006	**HAM-GWC-28**					
EPA 9315	Radium-226	0.0262U ± 0.217 (0.545) C:99% T:NA	pCi/L		06/17/26 08:15	
EPA 9320	Radium-228	-0.650U ± 0.668 (1.67) C:83% T:49%	pCi/L		06/17/26 16:46	
Total Radium Calculation	Total Radium	0.0262U ± 0.885 (2.22)	pCi/L		06/18/26 18:48	
92861313007	**HAM-GWC-29**					
EPA 9315	Radium-226	0.00254U ± 0.227 (0.583) C:87% T:NA	pCi/L		06/17/26 08:16	
EPA 9320	Radium-228	-0.796U ± 0.699 (1.74) C:82% T:48%	pCi/L		06/17/26 16:46	
Total Radium Calculation	Total Radium	0.00254U ± 0.926 (2.32)	pCi/L		06/18/26 18:48	
92861313008	**HAM-GWC-32**					
EPA 9315	Radium-226	0.309U ± 0.285 (0.566) C:80% T:NA	pCi/L		06/17/26 08:16	
EPA 9320	Radium-228	0.944U ± 0.617 (1.18) C:82% T:61%	pCi/L		06/17/26 16:46	
Total Radium Calculation	Total Radium	1.25U ± 0.902 (1.75)	pCi/L		06/18/26 18:48	

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SUMMARY OF DETECTION

Project: Huffaker-Parcel F-2nd Bkgd-RAD
Pace Project No.: 92861313

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92861313009	**HAM-GWC-34**					
EPA 9315	Radium-226	-0.0503U ± 0.232 (0.618) C:87% T:NA	pCi/L		06/17/26 08:16	
EPA 9320	Radium-228	0.365U ± 0.499 (1.07) C:80% T:75%	pCi/L		06/17/26 16:46	
Total Radium Calculation	Total Radium	0.365U ± 0.731 (1.69)	pCi/L		06/18/26 18:48	
92861313010	**HAM-GWC-35**					
EPA 9315	Radium-226	0.0709U ± 0.225 (0.542) C:90% T:NA	pCi/L		06/17/26 08:16	
EPA 9320	Radium-228	0.439U ± 0.468 (0.968) C:80% T:68%	pCi/L		06/17/26 16:46	
Total Radium Calculation	Total Radium	0.510U ± 0.693 (1.51)	pCi/L		06/18/26 18:48	
92861313011	**HAM-GWC-36**					
EPA 9315	Radium-226	0.0672U ± 0.213 (0.517) C:85% T:NA	pCi/L		06/17/26 08:22	
EPA 9320	Radium-228	0.266U ± 0.539 (1.19) C:81% T:57%	pCi/L		06/17/26 16:46	
Total Radium Calculation	Total Radium	0.333U ± 0.752 (1.71)	pCi/L		06/18/26 18:48	
92861313012	**HAM-GWC-37**					
EPA 9315	Radium-226	0.0702U ± 0.253 (0.613) C:83% T:NA	pCi/L		06/17/26 08:23	
EPA 9320	Radium-228	-0.660U ± 0.526 (1.37) C:81% T:55%	pCi/L		06/17/26 16:46	
Total Radium Calculation	Total Radium	0.0702U ± 0.779 (1.98)	pCi/L		06/18/26 18:48	

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SUMMARY OF DETECTION

Project: Huffaker-Parcel F-2nd Bkgd-RAD
Pace Project No.: 92861313

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92861313013	**HAM-GWC-39**					
EPA 9315	Radium-226	0.211U ± 0.260 (0.555) C:92% T:NA	pCi/L		06/17/26 08:23	
EPA 9320	Radium-228	0.795U ± 0.497 (0.936) C:77% T:81%	pCi/L		06/17/26 16:46	
Total Radium Calculation	Total Radium	1.01U ± 0.757 (1.49)	pCi/L		06/18/26 18:48	
92861313014	**HAM-GWC-40**					
EPA 9315	Radium-226	0.0369U ± 0.217 (0.539) C:92% T:NA	pCi/L		06/17/26 08:23	
EPA 9320	Radium-228	-0.0404U ± 0.316 (0.748) C:83% T:88%	pCi/L		06/17/26 16:46	
Total Radium Calculation	Total Radium	0.0369U ± 0.533 (1.29)	pCi/L		06/18/26 18:48	
92861313015	**HAM-HLF-F-EB-02**					
EPA 9315	Radium-226	0.219U ± 0.238 (0.493) C:90% T:NA	pCi/L		06/17/26 08:23	
EPA 9320	Radium-228	0.203U ± 0.364 (0.797) C:80% T:85%	pCi/L		06/17/26 16:46	
Total Radium Calculation	Total Radium	0.422U ± 0.602 (1.29)	pCi/L		06/18/26 18:48	
92861313016	**HAM-HLF-F-FB-02**					
EPA 9315	Radium-226	0.0654U ± 0.202 (0.496) C:82% T:NA	pCi/L		06/17/26 08:23	
EPA 9320	Radium-228	0.937 ± 0.482 (0.850) C:82% T:82%	pCi/L		06/17/26 16:46	
Total Radium Calculation	Total Radium	1.00U ± 0.684 (1.35)	pCi/L		06/18/26 18:48	

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SUMMARY OF DETECTION

Project: Huffaker-Parcel F-2nd Bkgd-RAD
Pace Project No.: 92861313

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92861313017	**HAM-HLF-F-FD-02**					
EPA 9315	Radium-226	-0.0455U ± 0.242 (0.641) C:90% T:NA	pCi/L		06/17/26 08:23	
EPA 9320	Radium-228	0.252U ± 0.300 (0.627) C:78% T:89%	pCi/L		06/17/26 16:47	
Total Radium Calculation	Total Radium	0.252U ± 0.542 (1.27)	pCi/L		06/18/26 18:48	
92861313018	**HAM-GWC-30**					
EPA 9315	Radium-226	0.268U ± 0.271 (0.556) C:93% T:NA	pCi/L		06/17/26 08:24	
EPA 9320	Radium-228	0.906 ± 0.441 (0.759) C:84% T:87%	pCi/L		06/17/26 16:47	
Total Radium Calculation	Total Radium	1.17U ± 0.712 (1.32)	pCi/L		06/18/26 18:48	
92861313019	**HAM-GWC-31**					
EPA 9315	Radium-226	0.126U ± 0.243 (0.559) C:82% T:NA	pCi/L		06/17/26 08:24	
EPA 9320	Radium-228	0.252U ± 0.350 (0.749) C:82% T:90%	pCi/L		06/17/26 16:47	
Total Radium Calculation	Total Radium	0.378U ± 0.593 (1.31)	pCi/L		06/18/26 18:48	
92861313020	**HAM-GWC-38**					
EPA 9315	Radium-226	0.0566U ± 0.182 (0.449) C:86% T:NA	pCi/L		06/17/26 08:29	
EPA 9320	Radium-228	0.661U ± 0.440 (0.840) C:83% T:80%	pCi/L		06/17/26 16:47	
Total Radium Calculation	Total Radium	0.718U ± 0.622 (1.29)	pCi/L		06/18/26 18:48	

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SUMMARY OF DETECTION

Project: Huffaker-Parcel F-2nd Bkgd-RAD
Pace Project No.: 92861313

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92861313021	**HAM-GWC-41**					
EPA 9315	Radium-226	0.116U ± 0.216 (0.495) C:86% T:NA	pCi/L		06/17/26 10:02	
EPA 9320	Radium-228	0.341U ± 0.348 (0.721) C:85% T:92%	pCi/L		06/16/26 16:15	
Total Radium Calculation	Total Radium	0.457U ± 0.564 (1.22)	pCi/L		06/17/26 17:39	
92861313022	**HAM-HLF-F-FD-03**					
EPA 9315	Radium-226	0.0312U ± 0.211 (0.535) C:78% T:NA	pCi/L		06/17/26 10:02	
EPA 9320	Radium-228	0.342U ± 0.343 (0.700) C:84% T:75%	pCi/L		06/16/26 16:15	
Total Radium Calculation	Total Radium	0.373U ± 0.554 (1.24)	pCi/L		06/17/26 17:39	
92861313023	**HAM-HLF-F-EB-03**					
EPA 9315	Radium-226	-0.0123U ± 0.161 (0.438) C:86% T:NA	pCi/L		06/17/26 10:03	
EPA 9320	Radium-228	0.145U ± 0.334 (0.744) C:74% T:85%	pCi/L		06/16/26 16:16	
Total Radium Calculation	Total Radium	0.145U ± 0.495 (1.18)	pCi/L		06/17/26 17:39	
92861313024	**HAM-HLF-F-FB-03**					
EPA 9315	Radium-226	0.0155U ± 0.204 (0.524) C:86% T:NA	pCi/L		06/17/26 10:03	
EPA 9320	Radium-228	-0.0506U ± 0.285 (0.688) C:80% T:91%	pCi/L		06/16/26 16:16	
Total Radium Calculation	Total Radium	0.0155U ± 0.489 (1.21)	pCi/L		06/17/26 17:39	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Huffaker-Parcel F-2nd Bkgd-RAD
Pace Project No.: 92861313

Sample: HAM-GWA-24 **Lab ID: 92861313001** Collected: 05/18/26 14:55 Received: 05/20/26 12:45 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.162U ± 0.206 (0.434) C:94% T:NA**	pCi/L	06/17/26 10:05	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.273U ± 0.257 (0.516) C:84% T:95%**	pCi/L	06/18/26 17:04	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.435U ± 0.463 (0.950)**	pCi/L	06/19/26 10:52	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Huffaker-Parcel F-2nd Bkgd-RAD
Pace Project No.: 92861313

Sample: HAM-GWA-25 **Lab ID: 92861313002** Collected: 05/18/26 17:50 Received: 05/20/26 12:45 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.0565U ± 0.258 (0.631) C:89% T:NA**	pCi/L	06/17/26 10:05	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.290U ± 0.318 (0.665) C:86% T:93%**	pCi/L	06/18/26 17:04	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.347U ± 0.576 (1.30)**	pCi/L	06/19/26 10:52	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Huffaker-Parcel F-2nd Bkgd-RAD
Pace Project No.: 92861313

Sample: HAM-GWA-26 **Lab ID: 92861313003** Collected: 05/18/26 18:30 Received: 05/20/26 12:45 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.138U ± 0.239 (0.542)** **C:91% T:NA**	pCi/L	06/17/26 10:06	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.280U ± 0.310 (0.648)** **C:89% T:92%**	pCi/L	06/18/26 17:05	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.418U ± 0.549 (1.19)**	pCi/L	06/19/26 10:52	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Huffaker-Parcel F-2nd Bkgd-RAD
Pace Project No.: 92861313

Sample: HAM-GWA-27 **Lab ID: 92861313004** Collected: 05/19/26 10:12 Received: 05/20/26 12:45 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.192U ± 0.219 (0.454)** **C:91% T:NA**	pCi/L	06/17/26 08:15	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.605U ± 0.688 (1.44)** **C:82% T:46%**	pCi/L	06/17/26 16:46	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.797U ± 0.907 (1.89)**	pCi/L	06/18/26 18:48	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Huffaker-Parcel F-2nd Bkgd-RAD
Pace Project No.: 92861313

Sample: HAM-GWC-33 **Lab ID: 92861313005** Collected: 05/19/26 17:25 Received: 05/20/26 12:45 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.0723U ± 0.212 (0.512) C:87% T:NA**	pCi/L	06/17/26 08:15	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.720U ± 0.739 (1.53) C:85% T:47%**	pCi/L	06/17/26 16:46	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.792U ± 0.951 (2.04)**	pCi/L	06/18/26 18:48	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Huffaker-Parcel F-2nd Bkgd-RAD
Pace Project No.: 92861313

Sample: HAM-GWC-28 **Lab ID: 92861313006** Collected: 05/21/26 12:17 Received: 05/22/26 12:50 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.0262U ± 0.217 (0.545)** **C:99% T:NA**	pCi/L	06/17/26 08:15	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**-0.650U ± 0.668 (1.67)** **C:83% T:49%**	pCi/L	06/17/26 16:46	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.0262U ± 0.885 (2.22)**	pCi/L	06/18/26 18:48	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Huffaker-Parcel F-2nd Bkgd-RAD
Pace Project No.: 92861313

Sample: HAM-GWC-29 **Lab ID: 92861313007** Collected: 05/21/26 17:19 Received: 05/22/26 12:50 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.00254U ± 0.227 (0.583) C:87% T:NA**	pCi/L	06/17/26 08:16	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**-0.796U ± 0.699 (1.74) C:82% T:48%**	pCi/L	06/17/26 16:46	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.00254U ± 0.926 (2.32)**	pCi/L	06/18/26 18:48	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Huffaker-Parcel F-2nd Bkgd-RAD
Pace Project No.: 92861313

Sample: HAM-GWC-32 **Lab ID: 92861313008** Collected: 05/21/26 14:37 Received: 05/22/26 12:50 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.309U ± 0.285 (0.566)** **C:80% T:NA**	pCi/L	06/17/26 08:16	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.944U ± 0.617 (1.18)** **C:82% T:61%**	pCi/L	06/17/26 16:46	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.25U ± 0.902 (1.75)**	pCi/L	06/18/26 18:48	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Huffaker-Parcel F-2nd Bkgd-RAD
Pace Project No.: 92861313

Sample: HAM-GWC-34 **Lab ID: 92861313009** Collected: 05/20/26 09:26 Received: 05/22/26 12:50 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**-0.0503U ± 0.232 (0.618) C:87% T:NA**	pCi/L	06/17/26 08:16	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.365U ± 0.499 (1.07) C:80% T:75%**	pCi/L	06/17/26 16:46	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.365U ± 0.731 (1.69)**	pCi/L	06/18/26 18:48	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Huffaker-Parcel F-2nd Bkgd-RAD
Pace Project No.: 92861313

Sample: HAM-GWC-35 **Lab ID: 92861313010** Collected: 05/20/26 13:46 Received: 05/22/26 12:50 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.0709U ± 0.225 (0.542) C:90% T:NA**	pCi/L	06/17/26 08:16	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.439U ± 0.468 (0.968) C:80% T:68%**	pCi/L	06/17/26 16:46	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.510U ± 0.693 (1.51)**	pCi/L	06/18/26 18:48	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Huffaker-Parcel F-2nd Bkgd-RAD
Pace Project No.: 92861313

Sample: HAM-GWC-36 **Lab ID: 92861313011** Collected: 05/20/26 17:50 Received: 05/22/26 12:50 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.0672U ± 0.213 (0.517)** **C:85% T:NA**	pCi/L	06/17/26 08:22	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.266U ± 0.539 (1.19)** **C:81% T:57%**	pCi/L	06/17/26 16:46	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.333U ± 0.752 (1.71)**	pCi/L	06/18/26 18:48	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Huffaker-Parcel F-2nd Bkgd-RAD
Pace Project No.: 92861313

Sample: HAM-GWC-37 **Lab ID: 92861313012** Collected: 05/21/26 12:10 Received: 05/22/26 12:50 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.0702U ± 0.253 (0.613)** **C:83% T:NA**	pCi/L	06/17/26 08:23	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**-0.660U ± 0.526 (1.37)** **C:81% T:55%**	pCi/L	06/17/26 16:46	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.0702U ± 0.779 (1.98)**	pCi/L	06/18/26 18:48	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Huffaker-Parcel F-2nd Bkgd-RAD
Pace Project No.: 92861313

Sample: HAM-GWC-39 **Lab ID: 92861313013** Collected: 05/21/26 18:00 Received: 05/22/26 12:50 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.211U ± 0.260 (0.555) C:92% T:NA**	pCi/L	06/17/26 08:23	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.795U ± 0.497 (0.936) C:77% T:81%**	pCi/L	06/17/26 16:46	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.01U ± 0.757 (1.49)**	pCi/L	06/18/26 18:48	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Huffaker-Parcel F-2nd Bkgd-RAD
Pace Project No.: 92861313

Sample: HAM-GWC-40 **Lab ID: 92861313014** Collected: 05/20/26 20:14 Received: 05/22/26 12:50 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.0369U ± 0.217 (0.539)** **C:92% T:NA**	pCi/L	06/17/26 08:23	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**-0.0404U ± 0.316 (0.748)** **C:83% T:88%**	pCi/L	06/17/26 16:46	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.0369U ± 0.533 (1.29)**	pCi/L	06/18/26 18:48	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Huffaker-Parcel F-2nd Bkgd-RAD
Pace Project No.: 92861313

Sample: HAM-HLF-F-EB-02 **Lab ID: 92861313015** Collected: 05/20/26 18:45 Received: 05/22/26 12:50 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.219U ± 0.238 (0.493) C:90% T:NA**	pCi/L	06/17/26 08:23	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.203U ± 0.364 (0.797) C:80% T:85%**	pCi/L	06/17/26 16:46	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.422U ± 0.602 (1.29)**	pCi/L	06/18/26 18:48	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Huffaker-Parcel F-2nd Bkgd-RAD
Pace Project No.: 92861313

Sample: HAM-HLF-F-FB-02 **Lab ID: 92861313016** Collected: 05/20/26 18:40 Received: 05/22/26 12:50 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.0654U ± 0.202 (0.496)** **C:82% T:NA**	pCi/L	06/17/26 08:23	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.937 ± 0.482 (0.850)** **C:82% T:82%**	pCi/L	06/17/26 16:46	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.00U ± 0.684 (1.35)**	pCi/L	06/18/26 18:48	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Huffaker-Parcel F-2nd Bkgd-RAD
Pace Project No.: 92861313

Sample: HAM-HLF-F-FD-02 **Lab ID: 92861313017** Collected: 05/21/26 00:00 Received: 05/22/26 12:50 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**-0.0455U ± 0.242 (0.641)** **C:90% T:NA**	pCi/L	06/17/26 08:23	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.252U ± 0.300 (0.627)** **C:78% T:89%**	pCi/L	06/17/26 16:47	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.252U ± 0.542 (1.27)**	pCi/L	06/18/26 18:48	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Huffaker-Parcel F-2nd Bkgd-RAD
Pace Project No.: 92861313

Sample: HAM-GWC-30 **Lab ID: 92861313018** Collected: 05/22/26 13:47 Received: 05/26/26 14:25 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.268U ± 0.271 (0.556) C:93% T:NA**	pCi/L	06/17/26 08:24	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.906 ± 0.441 (0.759) C:84% T:87%**	pCi/L	06/17/26 16:47	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.17U ± 0.712 (1.32)**	pCi/L	06/18/26 18:48	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Huffaker-Parcel F-2nd Bkgd-RAD
Pace Project No.: 92861313

Sample: HAM-GWC-31 **Lab ID: 92861313019** Collected: 05/22/26 12:00 Received: 05/26/26 14:25 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.126U ± 0.243 (0.559)** **C:82% T:NA**	pCi/L	06/17/26 08:24	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.252U ± 0.350 (0.749)** **C:82% T:90%**	pCi/L	06/17/26 16:47	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.378U ± 0.593 (1.31)**	pCi/L	06/18/26 18:48	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Huffaker-Parcel F-2nd Bkgd-RAD
Pace Project No.: 92861313

Sample: HAM-GWC-38 **Lab ID: 92861313020** Collected: 05/22/26 14:20 Received: 05/26/26 14:25 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.0566U ± 0.182 (0.449) C:86% T:NA**	pCi/L	06/17/26 08:29	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.661U ± 0.440 (0.840) C:83% T:80%**	pCi/L	06/17/26 16:47	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.718U ± 0.622 (1.29)**	pCi/L	06/18/26 18:48	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Huffaker-Parcel F-2nd Bkgd-RAD
Pace Project No.: 92861313

Sample: HAM-GWC-41 **Lab ID: 92861313021** Collected: 05/22/26 10:40 Received: 05/26/26 14:25 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.116U ± 0.216 (0.495)** **C:86% T:NA**	pCi/L	06/17/26 10:02	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.341U ± 0.348 (0.721)** **C:85% T:92%**	pCi/L	06/16/26 16:15	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.457U ± 0.564 (1.22)**	pCi/L	06/17/26 17:39	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Huffaker-Parcel F-2nd Bkgd-RAD
Pace Project No.: 92861313

Sample: HAM-HLF-F-FD-03 **Lab ID: 92861313022** Collected: 05/22/26 00:00 Received: 05/26/26 14:25 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.0312U ± 0.211 (0.535) C:78% T:NA**	pCi/L	06/17/26 10:02	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.342U ± 0.343 (0.700) C:84% T:75%**	pCi/L	06/16/26 16:15	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.373U ± 0.554 (1.24)**	pCi/L	06/17/26 17:39	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Huffaker-Parcel F-2nd Bkgd-RAD
Pace Project No.: 92861313

Sample: HAM-HLF-F-EB-03 **Lab ID: 92861313023** Collected: 05/22/26 14:50 Received: 05/26/26 14:25 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**-0.0123U ± 0.161 (0.438) C:86% T:NA**	pCi/L	06/17/26 10:03	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.145U ± 0.334 (0.744) C:74% T:85%**	pCi/L	06/16/26 16:16	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.145U ± 0.495 (1.18)**	pCi/L	06/17/26 17:39	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Huffaker-Parcel F-2nd Bkgd-RAD
Pace Project No.: 92861313

Sample: HAM-HLF-F-FB-03 **Lab ID: 92861313024** Collected: 05/22/26 14:45 Received: 05/26/26 14:25 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.0155U ± 0.204 (0.524) C:86% T:NA**	pCi/L	06/17/26 10:03	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**-0.0506U ± 0.285 (0.688) C:80% T:91%**	pCi/L	06/16/26 16:16	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.0155U ± 0.489 (1.21)**	pCi/L	06/17/26 17:39	7440-14-4	

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QUALITY CONTROL - RADIOCHEMISTRY

Project: Huffaker-Parcel F-2nd Bkgd-RAD
Pace Project No.: 92861313

QC Batch: 821212
QC Batch Method: EPA 9320
Analysis Method: EPA 9320
Analysis Description: 9320 Radium 228
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 92861313021, 92861313022, 92861313023, 92861313024

METHOD BLANK: 4011024
Matrix: Water
Associated Lab Samples: 92861313021, 92861313022, 92861313023, 92861313024

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.434 ± 0.340 (0.665) C:83% T:88%	pCi/L	06/16/26 16:15	

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QUALITY CONTROL - RADIOCHEMISTRY

Project: Huffaker-Parcel F-2nd Bkgd-RAD
Pace Project No.: 92861313

QC Batch: 821208
QC Batch Method: EPA 9315
Analysis Method: EPA 9315
Analysis Description: 9315 Total Radium
Laboratory: Pace Analytical Services - Greensburg

Associated Lab Samples: 92861313004, 92861313005, 92861313006, 92861313007, 92861313008, 92861313009, 92861313010, 92861313011, 92861313012, 92861313013, 92861313014, 92861313015, 92861313016, 92861313017, 92861313018, 92861313019, 92861313020

METHOD BLANK: 4011015
Matrix: Water

Associated Lab Samples: 92861313004, 92861313005, 92861313006, 92861313007, 92861313008, 92861313009, 92861313010, 92861313011, 92861313012, 92861313013, 92861313014, 92861313015, 92861313016, 92861313017, 92861313018, 92861313019, 92861313020

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.0533 ± 0.217 (0.535) C:91% T:NA	pCi/L	06/17/26 08:14	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL - RADIOCHEMISTRY

Project: Huffaker-Parcel F-2nd Bkgd-RAD
Pace Project No.: 92861313

QC Batch: 821210
QC Batch Method: EPA 9315
Analysis Method: EPA 9315
Analysis Description: 9315 Total Radium
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 92861313021, 92861313022, 92861313023, 92861313024

METHOD BLANK: 4011021
Matrix: Water
Associated Lab Samples: 92861313021, 92861313022, 92861313023, 92861313024

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.161 ± 0.205 (0.436) C:92% T:NA	pCi/L	06/17/26 10:00	

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QUALITY CONTROL - RADIOCHEMISTRY

Project: Huffaker-Parcel F-2nd Bkgd-RAD
Pace Project No.: 92861313

QC Batch: 822647
QC Batch Method: EPA 9320
Analysis Method: EPA 9320
Analysis Description: 9320 Radium 228
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 92861313001, 92861313002, 92861313003

METHOD BLANK: 4018901
Matrix: Water
Associated Lab Samples: 92861313001, 92861313002, 92861313003

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.304 ± 0.358 (0.755) C:83% T:86%	pCi/L	06/18/26 17:04	

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QUALITY CONTROL - RADIOCHEMISTRY

Project: Huffaker-Parcel F-2nd Bkgd-RAD
Pace Project No.: 92861313

QC Batch: 822646
QC Batch Method: EPA 9315
Analysis Method: EPA 9315
Analysis Description: 9315 Total Radium
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 92861313001, 92861313002, 92861313003

METHOD BLANK: 4018900
Matrix: Water
Associated Lab Samples: 92861313001, 92861313002, 92861313003

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.0673 ± 0.191 (0.458) C:95% T:NA	pCi/L	06/17/26 10:04	

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QUALITY CONTROL - RADIOCHEMISTRY

Project: Huffaker-Parcel F-2nd Bkgd-RAD
Pace Project No.: 92861313

QC Batch: 821209
QC Batch Method: EPA 9320
Analysis Method: EPA 9320
Analysis Description: 9320 Radium 228
Laboratory: Pace Analytical Services - Greensburg

Associated Lab Samples: 92861313004, 92861313005, 92861313006, 92861313007, 92861313008, 92861313009, 92861313010, 92861313011, 92861313012, 92861313013, 92861313014, 92861313015, 92861313016, 92861313017, 92861313018, 92861313019, 92861313020

METHOD BLANK: 4011019
Matrix: Water

Associated Lab Samples: 92861313004, 92861313005, 92861313006, 92861313007, 92861313008, 92861313009, 92861313010, 92861313011, 92861313012, 92861313013, 92861313014, 92861313015, 92861313016, 92861313017, 92861313018, 92861313019, 92861313020

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.475 ± 0.432 (0.879) C:83% T:81%	pCi/L	06/17/26 16:45	

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QUALIFIERS

Project: Huffaker-Parcel F-2nd Bkgd-RAD
Pace Project No.: 92861313

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.

Act - Activity

Unc - Uncertainty: SDWA = 1.96 sigma count uncertainty, all other matrices = Expanded Uncertainty (95% confidence interval). Gamma Spec = Expanded Uncertainty (95.4% Confidence Interval)

(MDC) - Minimum Detectable Concentration

Trac - Tracer Recovery (%)

Carr - Carrier Recovery (%)

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

TNI - The NELAC Institute.

WORKORDER QUALIFIERS

WO: 92861313

[1] GEOSYNTEC

[2] DO NOT DILUTE. MUST MEET REPORTING LIMITS. LET PM KNOW FIRST IF THERE ARE ISSUES.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Huffaker-Parcel F-2nd Bkgd-RAD
Pace Project No.: 92861313

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92861313001	**HAM-GWA-24**	EPA 9315	822646		
92861313002	**HAM-GWA-25**	EPA 9315	822646		
92861313003	**HAM-GWA-26**	EPA 9315	822646		
92861313004	**HAM-GWA-27**	EPA 9315	821208		
92861313005	**HAM-GWC-33**	EPA 9315	821208		
92861313006	**HAM-GWC-28**	EPA 9315	821208		
92861313007	**HAM-GWC-29**	EPA 9315	821208		
92861313008	**HAM-GWC-32**	EPA 9315	821208		
92861313009	**HAM-GWC-34**	EPA 9315	821208		
92861313010	**HAM-GWC-35**	EPA 9315	821208		
92861313011	**HAM-GWC-36**	EPA 9315	821208		
92861313012	**HAM-GWC-37**	EPA 9315	821208		
92861313013	**HAM-GWC-39**	EPA 9315	821208		
92861313014	**HAM-GWC-40**	EPA 9315	821208		
92861313015	**HAM-HLF-F-EB-02**	EPA 9315	821208		
92861313016	**HAM-HLF-F-FB-02**	EPA 9315	821208		
92861313017	**HAM-HLF-F-FD-02**	EPA 9315	821208		
92861313018	**HAM-GWC-30**	EPA 9315	821208		
92861313019	**HAM-GWC-31**	EPA 9315	821208		
92861313020	**HAM-GWC-38**	EPA 9315	821208		
92861313021	**HAM-GWC-41**	EPA 9315	821210		
92861313022	**HAM-HLF-F-FD-03**	EPA 9315	821210		
92861313023	**HAM-HLF-F-EB-03**	EPA 9315	821210		
92861313024	**HAM-HLF-F-FB-03**	EPA 9315	821210		
92861313001	**HAM-GWA-24**	EPA 9320	822647		
92861313002	**HAM-GWA-25**	EPA 9320	822647		
92861313003	**HAM-GWA-26**	EPA 9320	822647		
92861313004	**HAM-GWA-27**	EPA 9320	821209		
92861313005	**HAM-GWC-33**	EPA 9320	821209		
92861313006	**HAM-GWC-28**	EPA 9320	821209		
92861313007	**HAM-GWC-29**	EPA 9320	821209		
92861313008	**HAM-GWC-32**	EPA 9320	821209		
92861313009	**HAM-GWC-34**	EPA 9320	821209		
92861313010	**HAM-GWC-35**	EPA 9320	821209		
92861313011	**HAM-GWC-36**	EPA 9320	821209		
92861313012	**HAM-GWC-37**	EPA 9320	821209		
92861313013	**HAM-GWC-39**	EPA 9320	821209		
92861313014	**HAM-GWC-40**	EPA 9320	821209		
92861313015	**HAM-HLF-F-EB-02**	EPA 9320	821209		
92861313016	**HAM-HLF-F-FB-02**	EPA 9320	821209		
92861313017	**HAM-HLF-F-FD-02**	EPA 9320	821209		
92861313018	**HAM-GWC-30**	EPA 9320	821209		
92861313019	**HAM-GWC-31**	EPA 9320	821209		
92861313020	**HAM-GWC-38**	EPA 9320	821209		
92861313021	**HAM-GWC-41**	EPA 9320	821212		
92861313022	**HAM-HLF-F-FD-03**	EPA 9320	821212		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Huffaker-Parcel F-2nd Bkgd-RAD
Pace Project No.: 92861313

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92861313023	**HAM-HLF-F-EB-03**	EPA 9320	821212		
92861313024	**HAM-HLF-F-FB-03**	EPA 9320	821212		
92861313001	**HAM-GWA-24**	Total Radium Calculation	824825		
92861313002	**HAM-GWA-25**	Total Radium Calculation	824825		
92861313003	**HAM-GWA-26**	Total Radium Calculation	824825		
92861313004	**HAM-GWA-27**	Total Radium Calculation	824678		
92861313005	**HAM-GWC-33**	Total Radium Calculation	824678		
92861313006	**HAM-GWC-28**	Total Radium Calculation	824678		
92861313007	**HAM-GWC-29**	Total Radium Calculation	824678		
92861313008	**HAM-GWC-32**	Total Radium Calculation	824678		
92861313009	**HAM-GWC-34**	Total Radium Calculation	824678		
92861313010	**HAM-GWC-35**	Total Radium Calculation	824678		
92861313011	**HAM-GWC-36**	Total Radium Calculation	824678		
92861313012	**HAM-GWC-37**	Total Radium Calculation	824678		
92861313013	**HAM-GWC-39**	Total Radium Calculation	824678		
92861313014	**HAM-GWC-40**	Total Radium Calculation	824678		
92861313015	**HAM-HLF-F-EB-02**	Total Radium Calculation	824678		
92861313016	**HAM-HLF-F-FB-02**	Total Radium Calculation	824678		
92861313017	**HAM-HLF-F-FD-02**	Total Radium Calculation	824678		
92861313018	**HAM-GWC-30**	Total Radium Calculation	824678		
92861313019	**HAM-GWC-31**	Total Radium Calculation	824678		
92861313020	**HAM-GWC-38**	Total Radium Calculation	824678		
92861313021	**HAM-GWC-41**	Total Radium Calculation	824391		
92861313022	**HAM-HLF-F-FD-03**	Total Radium Calculation	824391		
92861313023	**HAM-HLF-F-EB-03**	Total Radium Calculation	824391		
92861313024	**HAM-HLF-F-FB-03**	Total Radium Calculation	824391		

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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# : 92861313

92861313

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

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

Date/Initials Person Examining Contents: 5/20/26 am

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

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

Thermometer: ☐ IR Gun ID: 214

Type of Ice: ☑ Wet ☐ Blue ☐ None

Cooler Temp: 3.4

Correction Factor: Add/Subtract (°C) 0

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

Cooler Temp Corrected (°C): 3.4

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	

Field Data Required? ☐ Yes ☐ No

COMMENTS/SAMPLE DISCREPANCY

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: Date/Time:

Project Manager SCURF Review: Date:

Project Manager SRF Review: Date:

Pace

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

Effective Date: 05/24/2024

WO# : 92861313

PM: BV **Due Date: 06/11/26**

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 GA Power Profile/EZ (Circle one) Notes

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP/N	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		1	1		2		2																						
2		1	1		2		2																						
3		1	1		2		2																						
4		1	1		2		2																						
5		1	1		2		2																						
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.

Pace® Location Requested (City/State):
Pace Analytical Charlotte
9800 Kincey Ave. Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

92861313

Scan QR Code for instructions

Company Name:	Georgia Power- Hammond	Contact/Report To:	Chris Tidwell
Street Address:	241 Ralph McGill Blvd NE Bin 10160 Atlanta, GA 30308	Phone #:	404-316-7524
		E-Mail:	catidwel@southernco.com
		Cc E-Mail:	
Customer Project #:			
Project Name:	Plant Hammond-Huffaker Parcel F -2nd Background	Invoice To:	Account Payable
		Invoice E-Mail:	georgiapowerinvoices@southernco.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	GPC82474-0011
		Quote #:	
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET		County / State origin of sample(s):	Georgia

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other _____

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **: 3 3 3 2 3 1

Identify Container Preservative Type***: 2 2 2 1 1 2

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	App. III Metals	App. IV Metals	App. I Metals: Cu, Ni, Ag, V, Zn	2540C Total Dissolved Solids	300.0 - Cl, SO4, F	RAD 226/228	Sample Comment	Preservation non-conformance identified for sample.
HAM-GWA-24	WG	Grab			5/18/2026	1455	6			X	X	X	X	X	X	Temp = 25.77 °C W1	
HAM-GWA-25	WG	Grab			5/18/2026	1750	6			X	X	X	X	X	X	Temp = 20.35 °C W2	
HAM-GWA-26	WG	Grab			5/18/2026	1830	6			X	X	X	X	X	X	Temp = 23.51 °C W3	
HAM-GWA-27	WG	Grab	ZW 5/19/2026		5/19/2026	1012	6			X	X	X	X	X	X	Temp = 20.28 °C W4	
HAM-GWC-33	WG	Grab			5/19/2026	1725	6	ZW 5/19/2026		X	X	X	X	X	X	Temp = 22.16 °C W5	
			ZW 5/19/2026														

Lab Use Only: Proj. Mgr: Bonnie Vang; AcctNum / Client ID:; Table #:; Profile / Template: 16483; Prelog / Bottle Ord. ID: EZ 3367411

Additional Instructions from Pace®:
Task Code: HAM-CCR-DTH-20260518.
App III metals include B, Ca, Cl, F, SO4, TDS.
App IV metals include Sb, As, Ba, Be, Cd, Cr, Co, F, Pb, Li, Hg, Mo, Se, Tl, Ra.
App I metals include Cu, Ni, Ag, V, Zn.

Collected By: (Printed Name) Zain Webb & Alex Ullrich
Signature: Zain Webb

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: | Thermometer ID: | Correction Factor (°C): | Obs. Temp. (°C) | Corrected Temp. (°C) | On Ice:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Zain Webb / Geosyntec	5-20-26 0945	Ryan Williams / Pace	5/20/26 0945
Ryan Williams / Pace	5/20/26 1245	[illegible]	5/20/26 1245

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other

Page: 1 of 1

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

Pace	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: GAPower - Hammond

Project #:

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: 5/22/26 DW

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

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

Thermometer: ☐ IR Gun ID: 214 **Type of Ice:** ☑ Wet ☐ Blue ☐ None

Cooler Temp: 2.3 **Correction Factor:** Add/Subtract (°C) 0

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

Cooler Temp Corrected (°C): 2.3

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	

Field Data Required? ☐ Yes ☐ No

COMMENTS/SAMPLE DISCREPANCY

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: _____ **Date:** _____

Project Manager SRF Review: _____ **Date:** _____

Pace	**DC#_Title: ENV-FRM-HUN1-0083 v05_Sample Condition Upon Receipt**
	Effective Date: 05/24/2024

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.
Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, 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 GA Power-Hammond 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)	BPAN	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)	SPST-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		2		2 ✓																						
2		1	1		2		2 ✓																						
3		1	1		2		2 ✓																						
4		1	1		2		2 ✓																						
5		1	1		2		2 ✓																						
6		1	1		2		2 ✓																						
7		1	1		2		2 ✓																						
8		1	1		2		2 ✓																						
9		1	1		2		2 ✓																						
10		1	1		2		2 ✓																						
11		1	1		2		2 ✓																						
12		1	1		2		2 ✓																						

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.

Pace® Location Requested (City/State):
Pace Analytical Charlotte
9800 Kincey Ave. Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

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LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name:	Georgia Power- Hammond	Contact/Report To:	Chris Tidwell
Street Address:	241 Ralph McGill Blvd NE Bin 10160 Atlanta, GA 30308	Phone #:	404-316-7524
		E-Mail:	catidwel@southernco.com
		Cc E-Mail:	
Customer Project #:			
Project Name:	Plant Hammond-Huffaker Parcel F -2nd Background	Invoice To:	Account Payable
		Invoice E-Mail:	georgiapowerinvoices@southernco.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	GPC82474-0011
		Quote #:	

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET

County / State origin of sample(s): Georgia

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **: 3 3 3 2 3 1

Identify Container Preservative Type***: 2 2 2 1 1 2

Analysis Requested

Customer Sample ID	Matrix*	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	App. III Metals	App. IV Metals	App. I Metals: Cu, Ni, Ag, V, Zn	2540C Total Dissolved Solids	300.0 - Cl, SO4, F	RAD 226/228					Sample Comment	Preservation non-conformance identified for sample.
HAM-GWC-28	WG	Grab			5/21/2026	1217	6			X	X	X	X	X	X					Temp = 20.20 °C	
HAM-GWC-29	WG	Grab			5/21/2026	1719	6			X	X	X	X	X	X					Temp = 18.83°C	
HAM-GWC-32	WG	Grab			5/21/2026	1437	6			X	X	X	X	X	X					Temp = 21.06°C	
HAM-GWC-34	WG	Grab			5/20/2026	0926	6			X	X	X	X	X	X					Temp = 20.62 °C	
HAM-GWC-35	WG	Grab			5/20/2026	1346	6			X	X	X	X	X	X					Temp = 25.98 °C	
HAM-GWC-36	WG	Grab	ZW 5/21/2026		5/20/2026	1750	6	ZW 5/21/2026		X	X	X	X	X	X					Temp = 22.86 °C	
HAM-GWC-37	WG	Grab			5/21/2026	1210	6			X	X	X	X	X	X					Temp = 23.49 °C	
HAM-GWC-39	WG	Grab			5/21/2026	1800	6			X	X	X	X	X	X					Temp = 19.23 °C	
HAM-GWC-40	WG	Grab			5/20/2026	2014	6			X	X	X	X	X	X					Temp = 18.92 °C	
HAM-HLF-F-EB-02	WQ	Grab			5/20/2026	1845	6			X	X	X	X	X	X					Temp = 21.37 °C	

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only:
Proj. Mgr: Bonnie Vang
AcctNum / Client ID:
Table #:
Profile / Template: 16483
Prelog / Bottle Ord. ID: EZ 3367411

Additional Instructions from Pace®:
Task Code: HAM-CCR-OTH-20260518.
App III metals include B, Ca, Cl, F, SO4, TDS.
App IV metals include Sb, As, Ba, Be, Cd, Cr, Co, F, Pb, Li, Hg, Mo, Se, Tl, Ra.
App I metals include Cu, Ni, Ag, V, Zn.

Collected By: (Printed Name) Zain Webb & Alex Ullrich
Signature:

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C) Corrected Temp. (°C) On Ice:

Relinquished by/Company: (Signature)	Date/Time	Received by/Company: (Signature)	Date/Time	Tracking Number:
[signature] / Georgia Power	5/22/2026; 1035	Lyan Williams / Pace	5/22/26 1035	
Lyan Williams / Pace	5/22/26 1250	[signature]	5/22/26 1250	Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 1 of 2

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

Pace

Pace® Location Requested (City/State):
Pace Analytical Charlotte
9800 Kincey Ave. Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Georgia Power- Hammond
Street Address: 241 Ralph McGill Blvd NE
Bin 10160
Atlanta, GA 30308

Customer Project #:
Project Name: Plant Hammond-Huffaker Parcel F -2nd Background
Site Collection Info/Facility ID (as applicable):

Contact/Report To: Chris Tidwell
Phone #: 404-316-7524
E-Mail: catidwel@southernco.com
Cc E-Mail:

Invoice To: Account Payable
Invoice E-Mail: georglapowerinvoices@southernco.com
Purchase Order # (if applicable): GPC82474-0011
Quote #:

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET

County / State origin of sample(s): Georgia

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **: 3 3 3 2 3 1

Identify Container Preservative Type***: 2 2 2 1 1 2

Analysis Requested

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	App. III Metals	App. IV Metals	App. I Metals: Cu, Ni, Ag, V, Zn	2540C Total Dissolved Solids	300.0 - Cl, SO4, F	RAD 226/228	Sample Comment
HAM-HLF-F-FB-02	WQ	Grab			5/20/2026	1840	6			X	X	X	X	X	X	Temp = 21.37 °C
HAM-HLF-F-FD-02	WG	Grab	ZW 5/21/2026		5/21/2026	0000	6	ZW 5/21/2026		X	X	X	X	X	X	Temp = 21.37 °C
					ZW 5/21/2026											

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

***Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) Na2S2O3, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only
Proj. Mgr: Bonnie Vang
AcctNum / Client ID:
Table #:
Profile / Template: 16483
Prelog / Bottle Ord. ID: EZ 3367411

Preservation non-conformance identified for sample.

Additional Instructions from Pace®:
Task Code: HAM-CCR-OTH-20260518.
App III metals include B, Ca, Cl, F, SO4, TDS.
App IV metals include Sb, As, Ba, Be, Cd, Cr, Co, F, Pb, Li, Hg, Mo, Se, Tl, Ra.
App I metals include Cu, Ni, Ag, V, Zn.

Collected By: (Printed Name) Zain Webb & Alex Ullrich
Signature:

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C) Corrected Temp. (°C) On Ice:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
Georgia Power	5/22/2026, 1035	Ryan Williams / Pace	5/22/26 1035	
Ryan Williams / Pace	5/22/26 1250		5/22/26 1250	Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 2 of 2

Pace	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 - Hammond

Project #:

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

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

Date/Initials Person Examining Contents: 5/26/26 GM

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: 5.2 Correction Factor: Add/Subtract (°C) 0.0

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

Cooler Temp Corrected (°C): 5.2

USDA Regulated Soil (☐ N/A, water sample)
Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? ☐ Yes ☐ 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: WT				
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	

Field Data Required? ☐ Yes ☐ No

COMMENTS/SAMPLE DISCREPANCY

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: _____ **Date:** _____

Project Manager SRF Review: _____ **Date:** _____

*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 GA. Power - Hammond Profile/EZ (Circle one) 336 7411 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)	BP1N	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		2 ✓		2 ✓																						
2		1	1		2 ✓		2 ✓																						
3		1	1		2 ✓		2 ✓																						
4		1	1		2 ✓		2 ✓																						
5		1	1		2 ✓		2 ✓																						
6		1	1		2 ✓		2 ✓																						
7		1	1		2 ✓		2 ✓																						
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.

Pace® Location Requested (City/State):
Pace Analytical Charlotte
9800 Kincey Ave. Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Georgia Power- Hammond
Street Address: 241 Ralph McGill Blvd NE
Bin 10160
Atlanta, GA 30308
Customer Project #:
Project Name: Plant Hammond-Huffaker Parcel F -2nd Background
Site Collection Info/Facility ID (as applicable):

Contact/Report To: Chris Tidwell
Phone #: 404-316-7524
E-Mail: catidwel@southernco.com
Cc E-Mail:

Invoice To: Account Payable
Invoice E-Mail: georgiapowerinvoices@southernco.com
Purchase Order # (if applicable): GPC82474-0011
Quote #:

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET

County / State origin of sample(s): Georgia

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQuIS
[ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **: 3 3 3 2 3 1
Identify Container Preservative Type***: 2 2 2 1 1 2
Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj. Mgr: Bonnie Vang; AcctNum / Client ID:; Table #:; Profile / Template: 16483; Prelog / Bottle Ord. ID: EZ 3367411

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	App. III Metals	App. IV Metals	App. I Metals: Cu, Ni, Ag, V, Zn	2540C Total Dissolved Solids	300.0 - Cl, SO4, F	RAD 226/228	Sample Comment	Preservation non-conformance identified for sample.
HAM-GWC-30	WG	Grab			5/22/2026	1347	6			X	X	X	X	X	X	Temp = 19.01 °C	
HAM-GWC-31	WG	Grab			5/22/2026	1200	6			X	X	X	X	X	X	Temp = 21.46 °C	
HAM-GWC-38	WG	Grab			5/22/2026	1420	6			X	X	X	X	X	X	Temp = 21.87 °C	
HAM-GWC-41	WG	Grab	ZW 5/22/2026		5/22/2026	1040	6	ZW 5/22/2026		X	X	X	X	X	X	Temp = 20.11 °C	
HAM-HLF-F-FD-03	WG	Grab			5/22/2026	0000	6			X	X	X	X	X	X	Temp = 20.61 °C	
HAM-HLF-F-EB-03	WQ	Grab			5/22/2026	1450	6			X	X	X	X	X	X	Temp = 20.61 °C	
HAM-HLF-F-FB-03	WQ	Grab			5/22/2026	1445	6			X	X	X	X	X	X	Temp = 20.61 °C	
			ZW 5/22/2026													Last Sample	

Additional Instructions from Pace®:
Task Code: HAM-CCR-OTH-20260518.
App III metals include B, Ca, Cl, F, SO4, TDS.
App IV metals include Sb, As, Ba, Be, Cd, Cr, Co, F, Pb, Li, Hg, Mo, Se, Tl, Ra.
App I metals include Cu, Ni, Ag, V, Zn.

Collected By: (Printed Name) Zain Webb & Alex Ullrich
Signature: Zain Webb

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C) Corrected Temp. (°C) On Ice:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Zain Webb / Geosyntec	5-26-2026 1040	Lyan Williams / Pace	5/26/2026 1040
Lyan Williams / Pace	5/26/2026 1425	Lyan Williams / Pace	5/26/26 1425
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other

Page: 1 of 1

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

ENV-FRM-CORQ-0019_v02_110123 @

Quality Control Sample Performance Assessment

Pace Analytical™ www.pacelabs.com

Test:	Ra-228
Analyst:	JJS1
Date:	6/8/2026
Worklist:	91429
Matrix:	WT

Analyst Must Manually Enter All Fields Highlighted in Yellow.

Method Blank Assessment	
MB Sample ID	4011019
MB concentration:	0.475
M/B 2 Sigma CSU:	0.432
MB MDC:	0.879
MB Numerical Performance Indicator:	2.16
MB Status vs Numerical Indicator:	Warning
MB Status vs. MDC:	Pass

Laboratory Control Sample Assessment	LCSD (Y or N)?	Y
	LCS91429	LCSD91429
Count Date:	6/17/2026	6/17/2026
Spike I.D.:	26-014	26-014
Decay Corrected Spike Concentration (pCi/mL):	39.432	39.432
Volume Used (mL):	0.10	0.10
Aliquot Volume (L, g, F):	0.817	0.817
Target Conc. (pCi/L, g, F):	4.827	4.827
Uncertainty (Calculated):	0.237	0.237
Result (pCi/L, g, F):	4.369	5.703
LCS/LCSD 2 Sigma CSU (pCi/L, g, F):	1.031	1.267
Numerical Performance Indicator:	-0.85	1.33
Percent Recovery:	90.52%	118.16%
Status vs Numerical Indicator:	N/A	N/A
Status vs Recovery:	Pass	Pass
Upper % Recovery Limits:	135%	135%
Lower % Recovery Limits:	60%	60%

Sample Matrix Spike Control Assessment	MS/MSD 1	MS/MSD 2
Sample Collection Date:		
Sample I.D.		
Sample MS I.D.		
Sample MSD I.D.		
Spike I.D.:		
MS/MSD Decay Corrected Spike Concentration (pCi/mL):		
Spike Volume Used in MS (mL):		
Spike Volume Used in MSD (mL):		
MS Aliquot (L, g, F):		
MS Target Conc.(pCi/L, g, F):		
MSD Aliquot (L, g, F):		
MSD Target Conc. (pCi/L, g, F):		
MS Spike Uncertainty (calculated):		
MSD Spike Uncertainty (calculated):		
Sample Result:		
Sample Result 2 Sigma CSU (pCi/L, g, F):		
Sample Matrix Spike Result:		
Matrix Spike Result 2 Sigma CSU (pCi/L, g, F):		
Sample Matrix Spike Duplicate Result:		
Matrix Spike Duplicate Result 2 Sigma CSU (pCi/L, g, F):		
MS Numerical Performance Indicator:		
MSD Numerical Performance Indicator:		
MS Percent Recovery:		
MSD Percent Recovery:		
MS Status vs Numerical Indicator:		
MSD Status vs Numerical Indicator:		
MS Status vs Recovery:		
MSD Status vs Recovery:		
MS/MSD Upper % Recovery Limits:		
MS/MSD Lower % Recovery Limits:		

Duplicate Sample Assessment		
Sample I.D.:	LCS91429	Enter Duplicate sample IDs if other than LCS/LCSD in the space below.
Duplicate Sample I.D.	LCSD91429	
Sample Result (pCi/L, g, F):	4.369	
Sample Result 2 Sigma CSU (pCi/L, g, F):	1.031	
Sample Duplicate Result (pCi/L, g, F):	5.703	
Sample Duplicate Result 2 Sigma CSU (pCi/L, g, F):	1.267	
Are sample and/or duplicate results below RL?	NO	
Duplicate Numerical Performance Indicator:	-1.601	
(Based on the LCS/LCSD Percent Recoveries) Duplicate RPD:	26.49%	
Duplicate Status vs Numerical Indicator:	Pass	
Duplicate Status vs RPD:	Pass	
% RPD Limit:	36%	

Matrix Spike/Matrix Spike Duplicate Sample Assessment		
Sample I.D.		
Sample MS I.D.		
Sample MSD I.D.		
Sample Matrix Spike Result:		
Matrix Spike Result 2 Sigma CSU (pCi/L, g, F):		
Sample Matrix Spike Duplicate Result:		
Matrix Spike Duplicate Result 2 Sigma CSU (pCi/L, g, F):		
Duplicate Numerical Performance Indicator:		
(Based on the Percent Recoveries) MS/ MSD Duplicate RPD:		
MS/ MSD Duplicate Status vs Numerical Indicator:		
MS/ MSD Duplicate Status vs RPD:		
% RPD Limit:		

Evaluation of duplicate precision is not applicable if either the sample or duplicate results are below the MDC.

Comments:

MLL 6/19/26

TM 6.19.26

Quality Control Sample Performance Assessment

Pace Analytical™
www.pacelabs.com

Test:	Ra-228
Analyst:	JGH
Date:	6/5/2026
Worklist:	91431
Matrix:	WT

Analyst Must Manually Enter All Fields Highlighted in Yellow.

Method Blank Assessment	
MB Sample ID	4011024
MB concentration:	0.434
M/B 2 Sigma CSU:	0.340
MB MDC:	0.665
MB Numerical Performance Indicator:	2.50
MB Status vs Numerical Indicator:	Warning
MB Status vs. MDC:	Pass

Laboratory Control Sample Assessment	LCSD (Y or N)?	Y
	LCS91431	LCSD91431
Count Date:	6/16/2026	6/16/2026
Spike I.D.:	26-014	26-014
Decay Corrected Spike Concentration (pCi/mL):	39.446	39.446
Volume Used (mL):	0.10	0.10
Aliquot Volume (L, g, F):	0.818	0.818
Target Conc. (pCi/L, g, F):	4.822	4.825
Uncertainty (Calculated):	0.236	0.236
Result (pCi/L, g, F):	3.730	4.282
LCS/LCSD 2 Sigma CSU (pCi/L, g, F):	0.905	1.004
Numerical Performance Indicator:	-2.29	-1.03
Percent Recovery:	77.35%	88.75%
Status vs Numerical Indicator:	N/A	N/A
Status vs Recovery:	Pass	Pass
Upper % Recovery Limits:	135%	135%
Lower % Recovery Limits:	60%	60%

Sample Matrix Spike Control Assessment	MS/MSD 1	MS/MSD 2
Sample Collection Date:		
Sample I.D.		
Sample MS I.D.		
Sample MSD I.D.		
Spike I.D.:		
MS/MSD Decay Corrected Spike Concentration (pCi/mL):		
Spike Volume Used in MS (mL):		
Spike Volume Used in MSD (mL):		
MS Aliquot (L, g, F):		
MS Target Conc.(pCi/L, g, F):		
MSD Aliquot (L, g, F):		
MSD Target Conc. (pCi/L, g, F):		
MS Spike Uncertainty (calculated):		
MSD Spike Uncertainty (calculated):		
Sample Result:		
Sample Result 2 Sigma CSU (pCi/L, g, F):		
Sample Matrix Spike Result:		
Matrix Spike Result 2 Sigma CSU (pCi/L, g, F):		
Sample Matrix Spike Duplicate Result:		
Matrix Spike Duplicate Result 2 Sigma CSU (pCi/L, g, F):		
MS Numerical Performance Indicator:		
MSD Numerical Performance Indicator:		
MS Percent Recovery:		
MSD Percent Recovery:		
MS Status vs Numerical Indicator:		
MSD Status vs Numerical Indicator:		
MS Status vs Recovery:		
MSD Status vs Recovery:		
MS/MSD Upper % Recovery Limits:		
MS/MSD Lower % Recovery Limits:		

Duplicate Sample Assessment		
Sample I.D.:	LCS91431	Enter Duplicate sample IDs if other than LCS/LCSD in the space below.
Duplicate Sample I.D.	LCSD91431	
Sample Result (pCi/L, g, F):	3.730	
Sample Result 2 Sigma CSU (pCi/L, g, F):	0.905	
Sample Duplicate Result (pCi/L, g, F):	4.282	
Sample Duplicate Result 2 Sigma CSU (pCi/L, g, F):	1.004	
Are sample and/or duplicate results below RL?	NO	
Duplicate Numerical Performance Indicator:	-0.800	
(Based on the LCS/LCSD Percent Recoveries) Duplicate RPD:	13.73%	
Duplicate Status vs Numerical Indicator:	Pass	
Duplicate Status vs RPD:	Pass	
% RPD Limit:	36%	

Matrix Spike/Matrix Spike Duplicate Sample Assessment		
Sample I.D.		
Sample MS I.D.		
Sample MSD I.D.		
Sample Matrix Spike Result:		
Matrix Spike Result 2 Sigma CSU (pCi/L, g, F):		
Sample Matrix Spike Duplicate Result:		
Matrix Spike Duplicate Result 2 Sigma CSU (pCi/L, g, F):		
Duplicate Numerical Performance Indicator:		
(Based on the Percent Recoveries) MS/ MSD Duplicate RPD:		
MS/ MSD Duplicate Status vs Numerical Indicator:		
MS/ MSD Duplicate Status vs RPD:		
% RPD Limit:		

Evaluation of duplicate precision is not applicable if either the sample or duplicate results are below the MDC.

Comments:

VAL
6/17/26

MH 6/17/26

Quality Control Sample Performance Assessment

Pace Analytical
www.pacelabs.com

Test:	Ra-228
Analyst:	JGH
Date:	6/12/2026
Worklist:	91565
Matrix:	WT

Analyst Must Manually Enter All Fields Highlighted in Yellow.

Method Blank Assessment	
MB Sample ID	4018901
MB concentration:	0.304
M/B 2 Sigma CSU:	0.358
MB MDC:	0.755
MB Numerical Performance Indicator:	1.67
MB Status vs Numerical Indicator:	Pass
MB Status vs. MDC:	Pass

Laboratory Control Sample Assessment	LCSD (Y or N)?	Y
	LCS91565	LCSD91565
Count Date:	6/18/2026	6/18/2026
Spike I.D.:	26-014	26-014
Decay Corrected Spike Concentration (pCi/mL):	39.419	39.419
Volume Used (mL):	0.10	0.10
Aliquot Volume (L, g, F):	0.820	0.817
Target Conc. (pCi/L, g, F):	4.809	4.824
Uncertainty (Calculated):	0.236	0.236
Result (pCi/L, g, F):	5.029	4.494
LCS/LCSD 2 Sigma CSU (pCi/L, g, F):	1.107	1.041
Numerical Performance Indicator:	0.38	-0.61
Percent Recovery:	104.57%	93.16%
Status vs Numerical Indicator:	N/A	N/A
Status vs Recovery:	Pass	Pass
Upper % Recovery Limits:	135%	135%
Lower % Recovery Limits:	60%	60%

Sample Matrix Spike Control Assessment	MS/MSD 1	MS/MSD 2
Sample Collection Date:		
Sample I.D.		
Sample MS I.D.		
Sample MSD I.D.		
Spike I.D.:		
MS/MSD Decay Corrected Spike Concentration (pCi/mL):		
Spike Volume Used in MS (mL):		
Spike Volume Used in MSD (mL):		
MS Aliquot (L, g, F):		
MS Target Conc.(pCi/L, g, F):		
MSD Aliquot (L, g, F):		
MSD Target Conc. (pCi/L, g, F):		
MS Spike Uncertainty (calculated):		
MSD Spike Uncertainty (calculated):		
Sample Result:		
Sample Result 2 Sigma CSU (pCi/L, g, F):		
Sample Matrix Spike Result:		
Matrix Spike Result 2 Sigma CSU (pCi/L, g, F):		
Sample Matrix Spike Duplicate Result:		
Matrix Spike Duplicate Result 2 Sigma CSU (pCi/L, g, F):		
MS Numerical Performance Indicator:		
MSD Numerical Performance Indicator:		
MS Percent Recovery:		
MSD Percent Recovery:		
MS Status vs Numerical Indicator:		
MSD Status vs Numerical Indicator:		
MS Status vs Recovery:		
MSD Status vs Recovery:		
MS/MSD Upper % Recovery Limits:		
MS/MSD Lower % Recovery Limits:		

Duplicate Sample Assessment		
Sample I.D.:	LCS91565	Enter Duplicate sample IDs if other than LCS/LCSD in the space below.
Duplicate Sample I.D.	LCSD91565	
Sample Result (pCi/L, g, F):	5.029	
Sample Result 2 Sigma CSU (pCi/L, g, F):	1.107	
Sample Duplicate Result (pCi/L, g, F):	4.494	
Sample Duplicate Result 2 Sigma CSU (pCi/L, g, F):	1.041	
Are sample and/or duplicate results below RL?	NO	
Duplicate Numerical Performance Indicator:	0.690	
(Based on the LCS/LCSD Percent Recoveries) Duplicate RPD:	11.54%	
Duplicate Status vs Numerical Indicator:	Pass	
Duplicate Status vs RPD:	Pass	
% RPD Limit:	36%	

Matrix Spike/Matrix Spike Duplicate Sample Assessment		
Sample I.D.		
Sample MS I.D.		
Sample MSD I.D.		
Sample Matrix Spike Result:		
Matrix Spike Result 2 Sigma CSU (pCi/L, g, F):		
Sample Matrix Spike Duplicate Result:		
Matrix Spike Duplicate Result 2 Sigma CSU (pCi/L, g, F):		
Duplicate Numerical Performance Indicator:		
(Based on the Percent Recoveries) MS/ MSD Duplicate RPD:		
MS/ MSD Duplicate Status vs Numerical Indicator:		
MS/ MSD Duplicate Status vs RPD:		
% RPD Limit:		

Evaluation of duplicate precision is not applicable if either the sample or duplicate results are below the MDC.

Comments:

MM 6/19/26

TM 6.19.26

Quality Control Sample Performance Assessment

Pace Analytical
www.pacelabs.com

Test:	Ra-226
Analyst:	SLC
Date:	6/15/2026
Worklist:	91428
Matrix:	WT

Analyst Must Manually Enter All Fields Highlighted in Yellow.

Method Blank Assessment	
MB Sample ID	4011015
MB concentration:	0.053
M/B 2 Sigma CSU:	0.217
MB MDC:	0.535
MB Numerical Performance Indicator:	0.48
MB Status vs Numerical Indicator:	Pass
MB Status vs. MDC:	N/A

Laboratory Control Sample Assessment	LCSD (Y or N)?	Y
	LCS91428	LCSD91428
Count Date:	6/17/2026	6/17/2026
Spike I.D.:	23-014	23-014
Decay Corrected Spike Concentration (pCi/mL):	25.001	25.001
Volume Used (mL):	0.10	0.10
Aliquot Volume (L, g, F):	0.504	0.502
Target Conc. (pCi/L, g, F):	4.962	4.984
Uncertainty (Calculated):	0.233	0.234
Result (pCi/L, g, F):	5.307	4.935
LCS/LCSD 2 Sigma CSU (pCi/L, g, F):	1.115	1.012
Numerical Performance Indicator:	0.60	-0.09
Percent Recovery:	106.97%	99.01%
Status vs Numerical Indicator:	Pass	Pass
Status vs Recovery:	N/A	N/A
Upper % Recovery Limits:	125%	125%
Lower % Recovery Limits:	75%	75%

Sample Matrix Spike Control Assessment	MS/MSD 1	MS/MSD 2
Sample Collection Date:		
Sample I.D.		
Sample MS I.D.		
Sample MSD I.D.		
Spike I.D.:		
MS/MSD Decay Corrected Spike Concentration (pCi/mL):		
Spike Volume Used in MS (mL):		
Spike Volume Used in MSD (mL):		
MS Aliquot (L, g, F):		
MS Target Conc.(pCi/L, g, F):		
MSD Aliquot (L, g, F):		
MSD Target Conc. (pCi/L, g, F):		
MS Spike Uncertainty (calculated):		
MSD Spike Uncertainty (calculated):		
Sample Result:		
Sample Result 2 Sigma CSU (pCi/L, g, F):		
Sample Matrix Spike Result:		
Matrix Spike Result 2 Sigma CSU (pCi/L, g, F):		
Sample Matrix Spike Duplicate Result:		
Matrix Spike Duplicate Result 2 Sigma CSU (pCi/L, g, F):		
MS Numerical Performance Indicator:		
MSD Numerical Performance Indicator:		
MS Percent Recovery:		
MSD Percent Recovery:		
MS Status vs Numerical Indicator:		
MSD Status vs Numerical Indicator:		
MS Status vs Recovery:		
MSD Status vs Recovery:		
MS/MSD Upper % Recovery Limits:		
MS/MSD Lower % Recovery Limits:		

Duplicate Sample Assessment		
Sample I.D.:	LCS91428	92861313001
Duplicate Sample I.D.	LCSD91428	92861313001DUP
Sample Result (pCi/L, g, F):	5.307	0.520
Sample Result 2 Sigma CSU (pCi/L, g, F):	1.115	0.350
Sample Duplicate Result (pCi/L, g, F):	4.935	0.378
Sample Duplicate Result 2 Sigma CSU (pCi/L, g, F):	1.012	0.307
Are sample and/or duplicate results below RL?	NO	See Below ##
Duplicate Numerical Performance Indicator:	0.484	0.598
(Based on the LCS/LCSD Percent Recoveries) Duplicate RPD:	7.72%	31.69%
Duplicate Status vs Numerical Indicator:	Pass	Pass
Duplicate Status vs RPD:	N/A	N/A
% RPD Limit:	25%	25%

Matrix Spike/Matrix Spike Duplicate Sample Assessment		
Sample I.D.		
Sample MS I.D.		
Sample MSD I.D.		
Sample Matrix Spike Result:		
Matrix Spike Result 2 Sigma CSU (pCi/L, g, F):		
Sample Matrix Spike Duplicate Result:		
Matrix Spike Duplicate Result 2 Sigma CSU (pCi/L, g, F):		
Duplicate Numerical Performance Indicator:		
(Based on the Percent Recoveries) MS/ MSD Duplicate RPD:		
MS/ MSD Duplicate Status vs Numerical Indicator:		
MS/ MSD Duplicate Status vs RPD:		
% RPD Limit:		

Evaluation of duplicate precision is not applicable if either the sample or duplicate results are below the MDC.

Comments:

VAM 6/17/26

CT 6-17-26

Quality Control Sample Performance Assessment

Pace Analytical
www.pacelabs.com

Test:	Ra-226
Analyst:	SLC
Date:	6/15/2026
Worklist:	91430
Matrix:	W

Analyst Must Manually Enter All Fields Highlighted in Yellow.

Method Blank Assessment	
MB Sample ID	4011021
MB concentration:	0.161
M/B 2 Sigma CSU:	0.205
MB MDC:	0.436
MB Numerical Performance Indicator:	1.54
MB Status vs Numerical Indicator:	Pass
MB Status vs. MDC:	N/A

Laboratory Control Sample Assessment	LCSD (Y or N)?	Y
	LCS91430	LCSD91430
Count Date:	6/17/2026	6/17/2026
Spike I.D.:	23-014	23-014
Decay Corrected Spike Concentration (pCi/mL):	25.001	25.001
Volume Used (mL):	0.10	0.10
Aliquot Volume (L, g, F):	0.502	0.504
Target Conc. (pCi/L, g, F):	4.983	4.956
Uncertainty (Calculated):	0.234	0.233
Result (pCi/L, g, F):	4.789	4.523
LCS/LCSD 2 Sigma CSU (pCi/L, g, F):	1.012	1.042
Numerical Performance Indicator:	-0.37	-0.79
Percent Recovery:	96.10%	91.28%
Status vs Numerical Indicator:	Pass	Pass
Status vs Recovery:	N/A	N/A
Upper % Recovery Limits:	125%	125%
Lower % Recovery Limits:	75%	75%

Sample Matrix Spike Control Assessment	MS/MSD 1	MS/MSD 2
Sample Collection Date:		
Sample I.D.		
Sample MS I.D.		
Sample MSD I.D.		
Spike I.D.:		
MS/MSD Decay Corrected Spike Concentration (pCi/mL):		
Spike Volume Used in MS (mL):		
Spike Volume Used in MSD (mL):		
MS Aliquot (L, g, F):		
MS Target Conc.(pCi/L, g, F):		
MSD Aliquot (L, g, F):		
MSD Target Conc. (pCi/L, g, F):		
MS Spike Uncertainty (calculated):		
MSD Spike Uncertainty (calculated):		
Sample Result:		
Sample Result 2 Sigma CSU (pCi/L, g, F):		
Sample Matrix Spike Result:		
Matrix Spike Result 2 Sigma CSU (pCi/L, g, F):		
Sample Matrix Spike Duplicate Result:		
Matrix Spike Duplicate Result 2 Sigma CSU (pCi/L, g, F):		
MS Numerical Performance Indicator:		
MSD Numerical Performance Indicator:		
MS Percent Recovery:		
MSD Percent Recovery:		
MS Status vs Numerical Indicator:		
MSD Status vs Numerical Indicator:		
MS Status vs Recovery:		
MSD Status vs Recovery:		
MS/MSD Upper % Recovery Limits:		
MS/MSD Lower % Recovery Limits:		

Duplicate Sample Assessment		
Sample I.D.:	LCS91430	92861307001
Duplicate Sample I.D.	LCSD91430	92861307001DUP
Sample Result (pCi/L, g, F):	4.789	0.094
Sample Result 2 Sigma CSU (pCi/L, g, F):	1.012	0.208
Sample Duplicate Result (pCi/L, g, F):	4.523	-0.084
Sample Duplicate Result 2 Sigma CSU (pCi/L, g, F):	1.042	0.196
Are sample and/or duplicate results below RL?	NO	See Below ##
Duplicate Numerical Performance Indicator:	0.358	1.220
(Based on the LCS/LCSD Percent Recoveries) Duplicate RPD:	5.15%	3693.08%
Duplicate Status vs Numerical Indicator:	Pass	Pass
Duplicate Status vs RPD:	N/A	N/A
% RPD Limit:	25%	25%

Matrix Spike/Matrix Spike Duplicate Sample Assessment		
Sample I.D.		
Sample MS I.D.		
Sample MSD I.D.		
Sample Matrix Spike Result:		
Matrix Spike Result 2 Sigma CSU (pCi/L, g, F):		
Sample Matrix Spike Duplicate Result:		
Matrix Spike Duplicate Result 2 Sigma CSU (pCi/L, g, F):		
Duplicate Numerical Performance Indicator:		
(Based on the Percent Recoveries) MS/ MSD Duplicate RPD:		
MS/ MSD Duplicate Status vs Numerical Indicator:		
MS/ MSD Duplicate Status vs RPD:		
% RPD Limit:		

Evaluation of duplicate precision is not applicable if either the sample or duplicate results are below the MDC.

Comments:

CT
6-17-26

VAM 6/17/26

Quality Control Sample Performance Assessment

Pace Analytical™
www.pacelabs.com

Test:	Ra-226
Analyst:	SLC
Date:	6/15/2026
Worklist:	91564
Matrix:	WT

Analyst Must Manually Enter All Fields Highlighted in Yellow.

Method Blank Assessment	
MB Sample ID	4018900
MB concentration:	0.067
M/B 2 Sigma CSU:	0.191
MB MDC:	0.458
MB Numerical Performance Indicator:	0.69
MB Status vs Numerical Indicator:	Pass
MB Status vs. MDC:	N/A

Laboratory Control Sample Assessment	LCSD (Y or N)?	Y
	LCS91564	LCSD91564
Count Date:	6/17/2026	6/17/2026
Spike I.D.:	23-014	23-014
Decay Corrected Spike Concentration (pCi/mL):	25.001	25.001
Volume Used (mL):	0.10	0.10
Aliquot Volume (L, g, F):	0.516	0.503
Target Conc. (pCi/L, g, F):	4.850	4.975
Uncertainty (Calculated):	0.228	0.234
Result (pCi/L, g, F):	4.761	5.461
LCS/LCSD 2 Sigma CSU (pCi/L, g, F):	0.979	1.085
Numerical Performance Indicator:	-0.17	0.86
Percent Recovery:	98.17%	109.78%
Status vs Numerical Indicator:	Pass	Pass
Status vs Recovery:	N/A	N/A
Upper % Recovery Limits:	125%	125%
Lower % Recovery Limits:	75%	75%

Sample Matrix Spike Control Assessment	MS/MSD 1	MS/MSD 2
Sample Collection Date:		
Sample I.D.		
Sample MS I.D.		
Sample MSD I.D.		
Spike I.D.:		
MS/MSD Decay Corrected Spike Concentration (pCi/mL):		
Spike Volume Used in MS (mL):		
Spike Volume Used in MSD (mL):		
MS Aliquot (L, g, F):		
MS Target Conc.(pCi/L, g, F):		
MSD Aliquot (L, g, F):		
MSD Target Conc. (pCi/L, g, F):		
MS Spike Uncertainty (calculated):		
MSD Spike Uncertainty (calculated):		
Sample Result:		
Sample Result 2 Sigma CSU (pCi/L, g, F):		
Sample Matrix Spike Result:		
Matrix Spike Result 2 Sigma CSU (pCi/L, g, F):		
Sample Matrix Spike Duplicate Result:		
Matrix Spike Duplicate Result 2 Sigma CSU (pCi/L, g, F):		
MS Numerical Performance Indicator:		
MSD Numerical Performance Indicator:		
MS Percent Recovery:		
MSD Percent Recovery:		
MS Status vs Numerical Indicator:		
MSD Status vs Numerical Indicator:		
MS Status vs Recovery:		
MSD Status vs Recovery:		
MS/MSD Upper % Recovery Limits:		
MS/MSD Lower % Recovery Limits:		

Duplicate Sample Assessment		
Sample I.D.:	LCS91564	
Duplicate Sample I.D.	LCSD91564	
Sample Result (pCi/L, g, F):	4.761	
Sample Result 2 Sigma CSU (pCi/L, g, F):	0.979	
Sample Duplicate Result (pCi/L, g, F):	5.461	
Sample Duplicate Result 2 Sigma CSU (pCi/L, g, F):	1.085	
Are sample and/or duplicate results below RL?	NO	
Duplicate Numerical Performance Indicator:	-0.939	
(Based on the LCS/LCSD Percent Recoveries) Duplicate RPD:	11.16%	
Duplicate Status vs Numerical Indicator:	Pass	
Duplicate Status vs RPD:	N/A	
% RPD Limit:	25%	

Matrix Spike/Matrix Spike Duplicate Sample Assessment		
Sample I.D.		
Sample MS I.D.		
Sample MSD I.D.		
Sample Matrix Spike Result:		
Matrix Spike Result 2 Sigma CSU (pCi/L, g, F):		
Sample Matrix Spike Duplicate Result:		
Matrix Spike Duplicate Result 2 Sigma CSU (pCi/L, g, F):		
Duplicate Numerical Performance Indicator:		
(Based on the Percent Recoveries) MS/ MSD Duplicate RPD:		
MS/ MSD Duplicate Status vs Numerical Indicator:		
MS/ MSD Duplicate Status vs RPD:		
% RPD Limit:		

Evaluation of duplicate precision is not applicable if either the sample or duplicate results are below the MDC.

Comments:

ET 6-17-26

VAL 6/17/26

VALIDATION REPORTS

Geosyntec consultants

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Knoxville, TN 37922
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Memorandum

Date:	16 June 2026
To:	Caroline Nelson
From:	Derek Yeadon
CC:	Kristoffer Henderson, Colleen Small
Subject:	**Stage 2A Data Validation - Level II Data Deliverable – Pace Project Number 92843245**

SITE: Plant Hammond Huffaker

INTRODUCTION

This report summarizes the findings of the Stage 2A data validation of seventeen water samples, two field duplicates, two field blanks, and two equipment blanks, collected on 7-10 February 2026, as part of the Plant Hammond Huffaker on-site sampling event.

The anions, alkalinity, and total dissolved solids analyses were performed by Pace Analytical Services, Inc., Asheville, North Carolina (Pace Asheville). The metals analyses were performed by Pace Analytical Services, Inc., West Columbia, South Carolina (Pace West Columbia). The samples were analyzed for one or more of the following tests:

- Metals by United States (US) Environmental Protection Agency (EPA) Methods 3005A/6020B
- Anions (Chloride, Fluoride and Sulfate) by US EPA Method 300.0 R2.1 1993
- Alkalinity by Standard Method (SM) 2320B-2021
- Total Dissolved Solids (TDS) by SM 2540C-2020

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. Qualified data should be used within the limitation of the qualification.

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

- US EPA Region IV Data Validation Standard Operating Procedures (US EPA Region IV, September 2011); and

- USEPA National Functional Guidelines for Inorganic Superfund Methods Data Review, November 2020 (EPA 542-R-20-006).

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

Laboratory IDs	Client IDs
92843245001	HAM-GWA-1
92843245002	HAM-GWA-2
92843245003	HAM-GWA-3
92843245004	HAM-GWA-4
92843245005	HAM-GWA-11
92843245006	HAM-GWC-5
92843245007	HAM-GWC-10
92843245008	HAM-HLF-ABE-GWC-19
92843245009	HAM-HLF-ABE-EB-01
92843245010	HAM-HLF-ABE-FB-01
92843245011	HAM-HLF-ABE-GWC-6
92843245012	HAM-GWC-7

Laboratory IDs	Client IDs
92843245013	HAM-HLF-ABE-GWC-8
92843245014	HAM-GWC-9
92843245015	HAM-GWC-18
92843245016	HAM-GWC-20
92843245017	HAM-GWC-21
92843245018	HAM-GWC-22
92843245019	HAM-GWC-23
92843245020	HAM-HLF-ABE-FD-01
92843245021	HAM-HLF-ABE-FD-02
92843245022	HAM-HLF-ABE-EB-02
92843245023	HAM-HLF-ABE-FB-02

The laboratory reported results for the analytical method(s) requested for each sample on the chains of custody (COCs). It was noted that alkalinity analytes were reported for the field QC even though "Major ions (Profile 10839-2)" was not requested on the COC.

The samples were received within 0-6 degrees Celsius (°C). No sample preservation issues were noted by the laboratory.

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 or not applicable. 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
✓ Field Blank
✓ Field Duplicate

⊗ Equipment Blank
✓ Sensitivity
✓ Electronic Data Deliverables Review

1.1 Overall Assessment

1.1.1 Completeness

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 data set is 100%.

1.1.2 Analysis Anomaly

The thallium results associated with samples analyzed on 25 February 2026 were flagged CU, indicating that the continuing calibration verification (CCV) for thallium was high and outside of laboratory specified acceptance criteria. Since thallium was not detected in the associated samples, no qualifications were applied to the data.

The thallium results in the method blank and laboratory control sample (LCS) in batch 993314 were flagged 2g and 3g, respectively, indicating that thallium was detected in the associated instrument blank at an estimated concentration greater than the method detection limit (MDL) and less than the reporting limit (RL). Since thallium was not detected in the associated samples, no qualifications were applied to the data.

The calcium results in batch 993314 analyzed on 27 February 2026 were flagged 1g, indicating that the percent readback for the mid-level standard was below laboratory specified acceptance criteria. Since the bracketing CCVs were within the laboratory specified acceptance criteria, no qualifications were applied to the data.

1.2 Holding Time

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

1.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Metals were not detected in the method blanks above the MDLs.

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

MS/MSDs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). A sample set specific MS/MSD pair was reported using sample HAM-GWC-23. The recovery and relative percent difference (RPD) results were within the laboratory specified acceptance criteria, with the following exceptions.

The magnesium recovery in the MSD and the calcium recoveries in the MS/MSD pair were low and outside the laboratory specified acceptance criteria. Since the calcium and magnesium results in sample HAM-GWC-23 were greater than four times the spike concentrations, no qualifications were applied to the data.

Batch MS/MSD pairs 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 (one per batch of 20 samples). Three LCSs were reported. The recovery results were within the laboratory specified acceptance criteria.

1.6 Field Blank

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

It was noted that the major ions profile, which included specific metals, was not requested on the COC for the field blank.

1.7 Field Duplicate

Two field duplicates, HAM-HLF-ABE-FD-01 and HAM-HLF-ABE-FD-02, were collected with the sample set. Acceptable precision (RPD ≤ 30%) was demonstrated between the field duplicate and the original samples, HAM-HLF-ABE-GWC-6 and HAM-GWC-9, respectively, with the following exceptions.

Zinc (0.0019 mg/L) was detected at an estimated concentration greater than the MDL and less than the RL in field duplicate HAM-HLF-ABE-FD-01 and not detected in sample HAM-HLF-ABE-GWC-6, resulting in a noncalculable RPD. Since both results were less than the RL, and based on professional and technical judgement, no qualifications were applied to the data.

Chromium (0.00029 mg/L) was detected at an estimated concentration greater than the MDL and less than the RL in field duplicate HAM-HLF-ABE-FD-02 and not detected in sample HAM-GWC-9, resulting in a noncalculable RPD. Since both results are less than the RL, and based on professional and technical judgement, no qualifications were applied to the data.

Zinc (0.0020 mg/L) was detected at an estimated concentration greater than the MDL and less than the RL in sample HAM-GWC-9 and not detected in field duplicate HAM-HLF-ABE-FD-02, resulting in a noncalculable RPD. Since both results are less than the RL, and based on professional and technical judgement, no qualifications were applied to the data.

It was noted that the major ions profile, which included specific metals, was not requested on the COC for the field duplicate.

1.8 Equipment Blank

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

Zinc (0.0019 mg/L) was detected at an estimated concentration greater than the MDL and less than the RL in HAM-HLF-ABE-EB-01. Therefore, the estimated zinc result in associated sample HAM-GWA-3 was U qualified as not detected at the RL.

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier*	DQM Reason Code**
HAM-GWA-3	Zinc	0.0023	J	0.010	U	BEL

mg/L: milligrams per liter
J: estimated concentration greater than the method detection limit and less than the reporting limit
* Validation qualifiers are defined in Attachment 1 at the end of this report
**EQuIS Data Qualification Module (DQM) Reason codes are defined in Attachment 2 at the end of this report

It was noted that the major ions profile, which included specific metals, was not requested on the COC for the equipment blank.

1.9 Sensitivity

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

1.10 Electronic Data Deliverable (EDD) Review

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

2.0 WET CHEMISTRY

The samples were analyzed for anions by US EPA Method 300.0, alkalinity by SM 2320B-2021, and TDS by SM 2540C.

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable or not applicable. 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
✓ Laboratory Duplicate
✓ Field Blank
✓ Field Duplicate
✓ Equipment Blank
✓ Sensitivity
✓ Electronic Data Deliverables 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 this analysis, for this data set is 100%.

2.2 Holding Time

The holding time for the anions (fluoride, chloride, sulfate) analysis of a water sample is 28 days from sample collection to analysis. The holding time for the alkalinity analysis of a water sample is 14 days from sample collection to analysis. The holding time for the TDS analysis of a water sample is 7 days from sample collection to analysis. The holding times were met for the sample analyses.

2.3 Method Blank

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

2.4 Matrix Spike/Matrix Spike Duplicate

MS/MSDs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Sample set specific MS/MSD pairs were reported for alkalinity using samples HAM-GWC-20 and HAM-GWC-21. Sample set specific MS/MSD pairs were reported for anions using samples HAM-HLF-ABE-GWC-19, HAM-GWC-18, and HAM-GWC-20. The recovery and RPD results were within the laboratory specified acceptance criteria, with the following exceptions.

The sulfate recoveries in the MS/MSD pair using sample HAM-GWC-20 were low and outside the laboratory specified acceptance criteria. Therefore, the sulfate result in sample HAM-GWC-20 was J- qualified as estimated with low bias.

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier*	DQM Reason Code**
HAM-GWC-20	Sulfate	69.6	M1	69.6	J-	MS1

mg/L: milligrams per liter
M1: laboratory flag indicating the MS and/or MSD was outside acceptance criteria
* Validation qualifiers are defined in Attachment 1 at the end of this report
**EQuIS Data Qualification Module (DQM) Reason codes are defined in Attachment 2 at the end of this report

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

2.5 Laboratory Control Sample

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

2.6 Laboratory Duplicate

Sample set specific laboratory duplicates were reported for TDS using samples HAM-GWC-5, HAM-HLF-ABE-GWC-6, and HAM-HLF-ABE-EB-02. The RPD results were within the laboratory specified acceptance criteria.

Batch laboratory duplicates were also reported for TDS and alkalinity. 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 Field Blank

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

2.8 Field Duplicate

Two field duplicates, HAM-HLF-ABE-FD-01 and HAM-HLF-ABE-FD-02, were collected with the sample set. Acceptable precision (RPD ≤ 30%) was demonstrated between the field duplicate and the original samples, HAM-HLF-ABE-GWC-6 and HAM-GWC-9, respectively.

2.9 Equipment Blank

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

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

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* * * * *

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

DATA QUALIFIER DEFINITIONS

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

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

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

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

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

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

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

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

DQM Reason Code	Description
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
CV1	ICV or CCV %D
CV2	ICV or CCV %R
CV3	ICV CCV RRF
DF1	Dilution Factor > 1

DQM Reason Code	Description
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

DQM Reason Code	Description
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
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

DQM Reason Code	Description
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
SPR3	ORGANIC SPIKE > UCL
SPR4	LCL > BLANK > LOW_CUTOFF
SPR5	LCL > INORG > LOW_CUTOFF
SPR6	LCL > ORG > LOW_CUTOFF
SPR7	BLANK SPIKE < LOW_CUTOFF

DQM Reason Code	Description
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

DQM Reason Code	Description
VSU1	INVALID SAMPLE UNIT TYPE
VSU2	MISSING SAMPLE UNIT TYPE
VSU3	NON-DEFAULT RESULT UNIT

AD-Absolute Difference
CCV-Continuous Calibration Verification
CL-Control Limit
%D-Percent Difference
IC-Initial Calibration
ICV-Initial Calibration Verification
INORG-Inorganic
LCL-Lower Control Limit
LCS-Laboratory Control Spike
LCSD-Laboratory Control Spike Duplicate
LS-Laboratory Spike
MDL-Method Detection Limit
MS-Matrix Spike
MSD-Matrix Spike Duplicate
ND-Not Detected
ORG-Organic
QC-Quality Control
%R-Percent Recovery
REC-Recovery
RL-Reporting Limit
RPD-Relative Percent Difference
RRF-Relative Response Factor
RSD-Relative Standard Deviation
UCL-Upper Control Limit
UCO-Upper Cut Off

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Memorandum

Date: 27 August 2026

To: Caroline Nelson

From: Derek Yeadon

CC: Kristoffer Henderson, Colleen Small

Subject: Stage 2A Data Validation - Level II Data Deliverable – Pace Project Number 92857972

SITE: Plant Hammond Huffaker

INTRODUCTION

This report summarizes the findings of the Stage 2A data validation of one water sample, one field duplicate, one field blank, and one equipment blank, collected on 1 May 2026, as part of the Plant Hammond Huffaker on-site sampling event.

The anion analyses were performed by Pace Analytical Services, Inc., Asheville, North Carolina (Pace Asheville). The samples were analyzed for the following test:

- Anions (Chloride) by United States (US) Environmental Protection Agency (EPA) Method 300.0 Revision 2.1, 1993

EXECUTIVE SUMMARY

Overall, based on this Stage 2A data validation covering the quality control (QC) parameters listed below and based on the information provided, the data are usable for supporting project objectives.

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); and
- USEPA National Functional Guidelines for Inorganic Superfund Methods Data Review, November 2020 (EPA 542-R-20-006).

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

Laboratory IDs	Client IDs
92857972001	HAM-GWC-21

Laboratory IDs	Client IDs
92857972002	HAM-HLF-ABE--FD-01

Laboratory IDs	Client IDs
92857972003	HAM-HLF-ABE--EB-01

Laboratory IDs	Client IDs
92857972004	HAM-HLF-ABE--FB-01

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

The samples were received within 0-6 degrees Celsius (°C). No sample preservation issues were noted by the laboratory.

It was noted that the laboratory reported the sample IDs with an extra dash for the field duplicate, equipment blank, and field blank. For example, sample HAM-HLF-ABE--FD-01 was documented on the COC as HAM-HLF-ABE-FD-01.

1.0 WET CHEMISTRY

The samples were analyzed for chloride by US EPA Method 300.0.

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable or not applicable. 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
- ✓ Laboratory Duplicate
- ✓ Field Blank
- ✓ Field Duplicate
- ✓ Equipment Blank
- ✓ Sensitivity
- ✓ Electronic Data Deliverables Review

1.1 <u>Overall Assessment</u>

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 this analysis, for this data set is 100%.

1.2 Holding Time

The holding time for the anions (chloride) analysis of a water sample is 28 days from sample collection to analysis. The holding times were met for the sample analyses.

1.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Chloride was not detected in the method blank at or above the method detection limit (MDL).

1.4 Matrix Spike/Matrix Spike Duplicate

Matrix spike (MS)/MS duplicate (MSD) pairs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples).

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

1.5 Laboratory Control Sample

Laboratory control samples (LCSs) were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). The recovery result was within the laboratory specified acceptance criteria.

1.6 Laboratory Duplicate

Laboratory duplicates were not reported.

1.7 Field Blank

One field blank, HAM-HLF-ABE--FB-01, was collected with the sample set. Chloride was not detected in the field blank at or above the MDL.

1.8 Field Duplicate

One field duplicate, HAM-HLF-ABE--FD-01, was collected with the sample set. Acceptable precision (relative percent difference [RPD] $\leq$ 30%) was demonstrated between the field duplicate and the original sample, HAM-GWC-21.

1.9 Equipment Blank

One equipment blank, HAM-HLF-ABE--EB-01, was collected with the sample set. Chloride was not detected in the equipment blank at or above the MDL.

1.10 Sensitivity

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

1.11 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 above the reported sample quantitation limit. Upon application of the U qualifier to a reported result, the definition changes to "not detected at or above the reported result."

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

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

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

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

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

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

DQM Reason Code	Description
AB1	> Samples in batch
AB2	QC sample missing
AB3	Batch analysis time exceeded
BAH	Contamination detected in the Ambient Blank greater than or equal to the Quantitation Limit.
BAL	Contamination detected in the Ambient Blank less than the Quantitation Limit.
BC	Calibration blank contamination
BC1	assoc. result < RL
BC2	assoc. result > RL < mult.
BC3	assoc. result > RL > mult.
BEH	Contamination detected in the Equipment Blank greater than or equal to the Quantitation Limit.
BEL	Contamination detected in the Equipment Blank less than the Quantitation Limit.
BF	Field blank contamination
BF1	assoc. result < RL
BF2	assoc. result > RL < mult.
BF3	assoc. result > RL > mult.
BFH	Contamination detected in the Field Blank greater than or equal to the Quantitation Limit.
BFL	Contamination detected in the Field Blank less than the Quantitation Limit.
BL	Laboratory blank contamination
BL1	assoc. result < RL

DQM Reason Code	Description
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
CV1	ICV or CCV %D
CV2	ICV or CCV %R
CV3	ICV CCV RRF
DF1	Dilution Factor > 1

DQM Reason Code	Description
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

DQM Reason Code	Description
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
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

DQM Reason Code	Description
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
SPR3	ORGANIC SPIKE > UCL
SPR4	LCL > BLANK > LOW_CUTOFF
SPR5	LCL > INORG > LOW_CUTOFF
SPR6	LCL > ORG > LOW_CUTOFF
SPR7	BLANK SPIKE < LOW_CUTOFF

DQM Reason Code	Description
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

DQM Reason Code	Description
VSU1	INVALID SAMPLE UNIT TYPE
VSU2	MISSING SAMPLE UNIT TYPE
VSU3	NON-DEFAULT RESULT UNIT

AD-Absolute Difference
CCV-Continuous Calibration Verification
CL-Control Limit
%D-Percent Difference
IC-Initial Calibration
ICV-Initial Calibration Verification
INORG-Inorganic
LCL-Lower Control Limit
LCS-Laboratory Control Spike
LCSD-Laboratory Control Spike Duplicate
LS-Laboratory Spike
MDL-Method Detection Limit
MS-Matrix Spike
MSD-Matrix Spike Duplicate
ND-Not Detected
ORG-Organic
QC-Quality Control
%R-Percent Recovery
REC-Recovery
RL-Reporting Limit
RPD-Relative Percent Difference
RRF-Relative Response Factor
RSD-Relative Standard Deviation
UCL-Upper Control Limit
UCO-Upper Cut Off

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Memorandum

Date:	27 August 2026
To:	Caroline Nelson
From:	Derek Yeadon
CC:	Kristoffer Henderson
Subject:	**Stage 2A Data Validation - Level II Data Deliverable – Pace Project Number 92845019**

SITE: Plant Hammond Huffaker

INTRODUCTION

This report summarizes the findings of the Stage 2A data validation of four water samples, one field duplicate, one field blank, and one equipment blank, collected on 17-18 February 2026, as part of the Plant Hammond Huffaker on-site sampling event.

The anions and total dissolved solids (TDS) analyses were performed by Pace Analytical Services, Inc., Asheville, North Carolina (Pace Asheville). Metals and mercury analyses were performed by Pace Analytical Services, Inc., West Columbia, South Carolina (Pace West Columbia). Metals analyses were performed by Pace Analytical Services, Inc., Mount Juliet, Tennessee (Pace National). The samples were analyzed for one or more of the following tests:

- Metals by United States (US) Environmental Protection Agency (EPA) Methods 3015/6020B and 3005A/6020B
- Mercury by US EPA Method 7470A
- Anions (Chloride, Fluoride and Sulfate) by US EPA Method 300.0 R2.1 1993
- Total Dissolved Solids by SM 2540C-2020

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. Qualified data should be used within the limitation of the qualification.

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

- US EPA Region IV Data Validation Standard Operating Procedures (US EPA Region IV, September 2011); and
- USEPA National Functional Guidelines for Inorganic Superfund Methods Data Review, November 2020 (EPA 542-R-20-006).

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

Laboratory IDs	Client IDs
92845019001	HAM-GWC-21A
92845019002	HAM-GWC-42
92845019003	HAM-GWC-44
92845019004	HAM-HLF-ABE-FD-01

Laboratory IDs	Client IDs
92845019005	HAM-HLF-ABE-EB-01
92845019006	HAM-HLF-ABE-FB-01
92845019014	HAM-GWC-43

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

The samples were received within 0-6 degrees Celsius (°C). No sample preservation issues were noted by the laboratory.

1.0 METALS

The samples were analyzed for metals by US EPA Methods 3015/6020B and 3005A/6020B. (Mercury was evaluated separately in Section 2.0, below)

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable or not applicable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine impact on data quality and usability.

✓ Overall Assessment
✓ Holding Time
✓ Method Blank
✓ Matrix Spike/Matrix Spike Duplicate
✓ Laboratory Control Sample
✓ Field Blank
✓ Field Duplicate
⊗ Equipment Blank
✓ Sensitivity
✓ Electronic Data Deliverables 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. Analytical completeness, defined as the ratio of the 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, is 100% for this data set.

1.2 Holding Time

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

1.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Metals were not detected in the method blanks at or above the method detection limits (MDLs).

1.4 Matrix Spike/Matrix Spike Duplicate

Matrix spike (MS)/matrix spike duplicate (MSD) pairs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). A sample set specific MS/MSD pair was analyzed using sample HAM-GWC-43. The recovery and relative percent difference (RPD) results were within the laboratory specified acceptance criteria, with the following exception.

The calcium recoveries in the MS/MSD pair were low and outside the laboratory specified acceptance criteria. Since the calcium concentration in sample HAM-GWC-43 was greater than four times the spike concentration, no qualifications were applied to the data.

Batch MS/MSD pairs 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

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

The lithium result for the LCS in batch 2698015 was high and outside the laboratory specified acceptance criteria. Since lithium was not detected in the associated samples, no qualifications were applied to the data.

1.6 Field Blank

One field blank, HAM-HLF-ABE-FB-01, was collected with the sample set. Metals were not detected in the field blank at or above the MDLs.

1.7 Field Duplicate

One field duplicate, HAM-HLF-ABE-FD-01, was collected with the sample set. Acceptable precision (RPD ≤ 30%) was demonstrated between the field duplicate and the original sample, HAM-GWC-21A.

1.8 Equipment Blank

One equipment blank, HAM-HLF-ABE-EB-01, was collected with the sample set. Metals were not detected in the equipment blank at or above the MDLs, with the following exceptions.

Chromium (0.00027 mg/L) was detected at an estimated concentration greater than the MDL and less than the reporting limit (RL) in equipment blank HAM-HLF-ABE-EB-01. Therefore, the estimated chromium results in samples HAM-GWC-42, HAM-GWC-43, and HAM-GWC-44 were U qualified as not detected at or above the RL. Since chromium was not detected or qualified due to field blank contamination in the remaining associated samples, no additional qualifications were applied to the data.

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier*	DQM Reason Code**
HAM-GWC-42	Chromium	0.00030	J	0.0050	U	BEL
HAM-GWC-43	Chromium	0.00027	J	0.0050	U	BEL
HAM-GWC-44	Chromium	0.00032	J	0.0050	U	BEL

mg/L: milligrams per liter
J: estimated concentration greater than the method detection limit and less than the reporting limit
* Validation qualifiers are defined in Attachment 1 at the end of this report
**EQuIS Data Qualification Module Reason codes are defined in Attachment 2 at the end of this report

1.9 Sensitivity

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

1.10 Electronic Data Deliverable Review

The results and sample IDs in the electronic data deliverable (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 MERCURY

The samples were analyzed for mercury by US EPA Method 7470A.

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable or not applicable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine impact on data quality and usability.

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

2.1 Overall Assessment

The mercury data reported in this data package are considered usable for supporting project objectives. The results are considered valid. Analytical completeness, defined as the ratio of the 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, is 100% for this data set.

2.2 Holding Time

The holding time for the mercury analysis of a water sample is 28 days from sample collection to analysis. The holding times were met for the sample analyses.

2.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Mercury was not detected in the method blanks at or above the MDL.

2.4 Matrix Spike/Matrix Spike Duplicate

MS/MSDs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Batch MS/MSD pairs were reported. Since these were batch QC, the results do not affect the samples in this data set, and qualifications were not applied to the data.

2.5 Laboratory Control Sample

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

2.6 Field Blank

One field blank, HAM-HLF-ABE-FB-01, was collected with the sample set. Mercury was not detected in the field blank at or above the MDL.

2.7 Field Duplicate

One field duplicate, HAM-HLF-ABE-FD-01, was collected with the sample set. Acceptable precision (RPD ≤ 30%) was demonstrated between the field duplicate and the original sample, HAM-GWC-21A.

2.8 Equipment Blank

One equipment blank, HAM-HLF-ABE-EB-01, was collected with the sample set. Mercury was not detected in the equipment blank at or above the MDL.

2.9 Sensitivity

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

2.10 Electronic Data Deliverable Review

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.

3.0 WET CHEMISTRY

The samples were analyzed for anions by US EPA Method 300.0 R2.1 1993 and TDS by SM 2540C-2020.

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable or not applicable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine impact on data quality and usability.

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

3.1 Overall Assessment

The wet chemistry data reported in this data package are considered usable for supporting project objectives. The results are considered valid. Analytical completeness, defined as the ratio of the 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, is 100% for this data set.

3.2 Holding Times

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

3.3 Method Blank

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

3.4 Matrix Spike/Matrix Spike Duplicate

MS/MSDs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Sample set specific MS/MSD pairs were reported for anions using samples HAM-GWC-42 and HAM-GWC-43. The recovery and RPD results were within the laboratory specified acceptance criteria.

Batch MS/MSD pairs for anions 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.

3.5 Laboratory Control Sample

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

3.6 Laboratory Duplicate

One sample set specific laboratory duplicate was reported for TDS using sample HAM-GWC-43. The RPD result was 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.

3.7 Field Blank

One field blank, HAM-HLF-ABE-FB-01, was collected with the sample set. The wet chemistry parameters were not detected in the field blank at or above the MDLs.

3.8 Field Duplicate

One field duplicate, HAM-HLF-ABE-FD-01, was collected with the sample set. Acceptable precision (RPD ≤ 30%) was demonstrated between the field duplicate and the original sample, HAM-GWC-21A.

3.9 Equipment Blank

One equipment blank, HAM-HLF-ABE-EB-01, was collected with the sample set. The wet chemistry parameters were not detected in the equipment blank at or above the MDLs.

3.10 Sensitivity

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

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

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

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

DQM Reason Code	Description
AB1	> Samples in batch
AB2	QC sample missing
AB3	Batch analysis time exceeded
BAH	Contamination detected in the Ambient Blank greater than or equal to the Quantitation Limit.
BAL	Contamination detected in the Ambient Blank less than the Quantitation Limit.
BC	Calibration blank contamination
BC1	assoc. result < RL
BC2	assoc. result > RL < mult.
BC3	assoc. result > RL > mult.
BEH	Contamination detected in the Equipment Blank greater than or equal to the Quantitation Limit.
BEL	Contamination detected in the Equipment Blank less than the Quantitation Limit.
BF	Field blank contamination
BF1	assoc. result < RL
BF2	assoc. result > RL < mult.
BF3	assoc. result > RL > mult.
BFH	Contamination detected in the Field Blank greater than or equal to the Quantitation Limit.
BFL	Contamination detected in the Field Blank less than the Quantitation Limit.
BL	Laboratory blank contamination
BL1	assoc. result < RL

DQM Reason Code	Description
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
CV1	ICV or CCV %D
CV2	ICV or CCV %R
CV3	ICV CCV RRF
DF1	Dilution Factor > 1

DQM Reason Code	Description
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

DQM Reason Code	Description
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
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

DQM Reason Code	Description
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
SPR3	ORGANIC SPIKE > UCL
SPR4	LCL > BLANK > LOW_CUTOFF
SPR5	LCL > INORG > LOW_CUTOFF
SPR6	LCL > ORG > LOW_CUTOFF
SPR7	BLANK SPIKE < LOW_CUTOFF

DQM Reason Code	Description
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

DQM Reason Code	Description
VSU1	INVALID SAMPLE UNIT TYPE
VSU2	MISSING SAMPLE UNIT TYPE
VSU3	NON-DEFAULT RESULT UNIT

AD-Absolute Difference
CCV-Continuous Calibration Verification
CL-Control Limit
%D-Percent Difference
IC-Initial Calibration
ICV-Initial Calibration Verification
INORG-Inorganic
LCL-Lower Control Limit
LCS-Laboratory Control Spike
LCSD-Laboratory Control Spike Duplicate
LS-Laboratory Spike
MDL-Method Detection Limit
MS-Matrix Spike
MSD-Matrix Spike Duplicate
ND-Not Detected
ORG-Organic
QC-Quality Control
%R-Percent Recovery
REC-Recovery
RL-Reporting Limit
RPD-Relative Percent Difference
RRF-Relative Response Factor
RSD-Relative Standard Deviation
UCL-Upper Control Limit
UCO-Upper Cut Off

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Memorandum

Date: 27 August 2026

To: Kristen Jurinko

From: Ashley Wilson

CC: Kristoffer Henderson

Subject: Stage 2A Data Validation - Level II Data Deliverables – Pace Analytical Services, LLC Project Number 92845025

SITE: Plant Hammond Huffaker- AB & E 1st Background

INTRODUCTION

This report summarizes the findings of the Stage 2A data validation of four water samples, one field duplicate, one field blank, and one equipment blank, collected on 17-18 February 2026, as part of the Plant Hammond Huffaker- AB & E 1st Background on-site sampling event.

The samples were analyzed at Pace Analytical Services, LLC, Greensburg, Pennsylvania, for the following analytical tests:

- Radium-226 by United States (US) Environmental Protection Agency (EPA) Method 9315
- Radium-228 by US EPA Method 9320
- Total Radium by Calculation

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 report, professional and technical judgment, and the following documents:

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

- Idaho National Engineering and Environmental Laboratory, RADIOANALYTICAL DATA VALIDATION, May 11, 2004 (GDE-205).

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

Laboratory IDs	Client IDs
92845025001	HAM-GWC-21A
92845025002	HAM-GWC-42
92845025003	HAM-GWC-44
92845025004	HAM-HLF-ABE-FD-01

Laboratory IDs	Client IDs
92845025005	HAM-HLF-ABE-EB-01
92845025006	HAM-HLF-ABE-FB-01
92845025013	HAM-GWC-43

The samples were received within 0-6 degrees Celsius (°C). No sample preservation issues were noted by the laboratory.

Field blanks and equipment blanks are associated with samples collected the same day.

1.0 RADIOCHEMISTRY

The samples were analyzed for radium-226 by US EPA Method 9315, radium-228 by US EPA Method 9320 and total radium by calculation.

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 impact on data quality and usability.

⊗ Overall Assessment
✓ Holding Times
⊗ Method Blank
✓ Matrix Spike/Matrix Spike Duplicate
✓ Laboratory Control Sample
✓ Laboratory Duplicate
✓ Tracers and Carriers
✓ Field Blank
✓ Equipment Blank
✓ Field Duplicate
✓ Sensitivity

1.1 Overall Assessment

The radium-226 and radium-228 data reported in this data set 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 data set is 100%.

1.1.1 Analysis Anomaly

Total radium was reported at the minimum detectable concentration (MDC), for radium-226 and radium-228. Radium-228 was detected greater than the MDC in sample HAM-GWC-21A. Since total radium is calculated from radium-226 and radium-228, and radium-228 was greater than the MDC, and based on professional and technical judgment, the total radium concentration for this sample was reported with no qualifications. However, since there was method blank contamination, the concentrations of radium-228 and total radium in sample HAM-GWC-21A were UJ qualified as not statistically distinguishable from the blank.

Sample ID	Compound	Laboratory Result (pCi/L)	Laboratory Flag	Validation Result (pCi/L)	Validation Qualifier*	Reason Code**
HAM-GWC-21A	Combined Radium 226 + 228	0.928	U	0.928	UJ	RO1|BLL

pCi/L-picocuries per liter
U-not detected at or above the minimum detectable concentration
* Validation qualifiers are defined in Attachment 1 at the end of this report
**Data Quality Module reason codes are defined in Attachment 2 at the end of this report

1.2 Holding Times

The holding times for the radium-226 and radium-228 analyses of a water sample are 180 days from sample collection to analysis. The holding times were met for the sample analyses.

1.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Method blanks were reported for the radium-226 and radium-228 data. Radium-226 and radium-228 were not detected in the method blanks at or above the measured 2σ uncertainty or the MDC, with the following exceptions.

Radium-228 [0.278 picocuries per liter (pCi/L)] was detected in the method blank in batch 802007 at a concentration greater than 2σ uncertainty. Since the concentration of radium-228 in the associated sample was less than the MDC, no qualifications were applied to the data.

Radium-228 (0.686 pCi/L) was detected in the method blank in batch 801659 at a concentration greater than 2σ uncertainty. Therefore, the radium-228 concentration with a mean difference less than 2 in sample HAM-GWC-21A was UJ qualified as not statistically distinguishable from the blank. In addition, the combined radium 226 + 228 concentration for sample HAM-GWC-21A was UJ qualified as not statistically distinguishable from the blank.

Sample ID	Compound	Laboratory Result (pCi/L)	Laboratory Flag	Validation Result (pCi/L)	Validation Qualifier	Reason Code
HAM-GWC-21A	Radium-228	0.928	NA	0.928	UJ	BLL
HAM-GWC-21A	Combined Radium 226 + 228	0.928	U	0.928	UJ	RO1|BLL

pCi/L-picocuries per liter
NA-not applicable
U-not detected at or above the minimum detectable concentration

1.4 Matrix Spike/Matrix Spike Duplicate

Matrix spike (MS)/matrix spike duplicate (MSD) pairs were not reported with the sample set.

1.5 Laboratory Control Sample

Laboratory control samples (LCSs) were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). LCS/LCSD pairs were reported for radium-226 and radium-228. The recovery and mean difference (MD) results were within the laboratory specified acceptance criteria.

1.6 Laboratory Duplicate

Batch laboratory duplicates were reported with the sample set. Since these were batch QC, the results do not affect the samples in this data set, and qualifications were not applied to the data.

1.7 Tracers and Carriers

Carriers were reported for the radium-226 and radium-228 analyses, and a tracer was reported for the radium-228 analyses. The recovery results were within the laboratory specified acceptance criteria.

1.8 Field Blank

One field blank, HAM-HLF-ABE-FB-01, was collected with the sample set and analyzed for radium-226 and radium-228.

Radium-226 was not detected in the field blank at or above the measured 2σ uncertainty or the MDC.

Radium-228 (0.849 pCi/L) was detected in HAM-HLF-ABE-FB-01 at a concentration greater than the measured 2σ uncertainty. Since the radium-228 concentrations in associated samples greater

than the MDC were UJ qualified due to method blank contamination, no additional qualifications were applied to the data.

1.9 Equipment Blank

One equipment blank, HAM-HLF-ABE-EB-01, was collected with the sample set and analyzed for radium-226 and radium-228.

Radium-226 was not detected in the equipment blank at or above the measured 2σ uncertainty or the MDC.

Radium-228 (0.617 pCi/L) was detected in HAM-HLF-ABE-EB-01 at a concentration greater than the measured 2σ uncertainty. Since the radium-228 concentrations in associated samples greater than the MDC were UJ qualified due to method blank contamination, no additional qualifications were applied to the data.

1.10 Field Duplicate

One field duplicate sample, HAM-HLF-ABE-FD-01, was collected with the sample set. Acceptable precision (MD ≤ 3, RPD < 20% or difference < RL) was demonstrated between the field duplicate and the original sample, HAM-GWC-21A, with the following exception.

Radium-228 was detected in sample HAM-GWC-21A and not detected in field duplicate HAM-HLF-ABE-FD-01, resulting in a noncalculable RPD. Since the radium-228 concentration in sample HAM-GWC-21A was UJ qualified due to method blank contamination, no additional qualifications were applied to the data.

1.11 Sensitivity

The samples were reported to the MDCs. No elevated non-detect results were reported.

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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 above the reported sample quantitation limit. Upon application of the U qualifier to a reported result, the definition changes to "not detected at or above the reported result."

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

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

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

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

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

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

DQM Reason Code	Description
AB1	> Samples in batch
AB2	QC sample missing
AB3	Batch analysis time exceeded
BAH	Contamination detected in the Ambient Blank greater than or equal to the Quantitation Limit.
BAL	Contamination detected in the Ambient Blank less than the Quantitation Limit.
BC	Calibration blank contamination
BC1	assoc. result < RL
BC2	assoc. result > RL < mult.
BC3	assoc. result > RL > mult.
BEH	Contamination detected in the Equipment Blank greater than or equal to the Quantitation Limit.
BEL	Contamination detected in the Equipment Blank less than the Quantitation Limit.
BF	Field blank contamination
BF1	assoc. result < RL
BF2	assoc. result > RL < mult.
BF3	assoc. result > RL > mult.
BFH	Contamination detected in the Field Blank greater than or equal to the Quantitation Limit.
BFL	Contamination detected in the Field Blank less than the Quantitation Limit.
BL	Laboratory blank contamination
BL1	assoc. result < RL
BL2	assoc. result > RL < mult.

DQM Reason Code	Description
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
CV1	ICV or CCV %D
CV2	ICV or CCV %R
CV3	ICV CCV RRF
DF1	Dilution Factor > 1
DL	Dilution Factor > 1

DQM Reason Code	Description
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

DQM Reason Code	Description
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
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

DQM Reason Code	Description
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
SPR3	ORGANIC SPIKE > UCL
SPR4	LCL > BLANK > LOW_CUTOFF
SPR5	LCL > INORG > LOW_CUTOFF
SPR6	LCL > ORG > LOW_CUTOFF
SPR7	BLANK SPIKE < LOW_CUTOFF

DQM Reason Code	Description
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

DQM Reason Code	Description
VSU1	INVALID SAMPLE UNIT TYPE
VSU2	MISSING SAMPLE UNIT TYPE

DQM Reason Code	Description
VSU3	NON-DEFAULT RESULT UNIT

AD-Absolute Difference
CCV-Continuous Calibration Verification
CL-Control Limit
%D-Percent Difference
IC-Initial Calibration
ICV-Initial Calibration Verification
INORG-Inorganic
LCL-Lower Control Limit
LCS-Laboratory Control Spike
LCSD-Laboratory Control Spike Duplicate
LS-Laboratory Spike
MDL-Method Detection Limit
MS-Matrix Spike
MSD-Matrix Spike Duplicate
ND-Not Detected
ORG-Organic
QC-Quality Control
%R-Percent Recovery
REC-Recovery
RL-Reporting Limit
RPD-Relative Percent Difference
RRF-Relative Response Factor
RSD-Relative Standard Deviation
UCL-Upper Control Limit
UCO-Upper Cut Off

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Memorandum

Date:	27 August 2026
To:	Caroline Nelson
From:	Derek Yeadon
CC:	Kristoffer Henderson
Subject:	**Stage 2A Data Validation - Level II Data Deliverable – Pace Project Number 92845520**

SITE: Plant Huffaker Parcel F

INTRODUCTION

This report summarizes the findings of the Stage 2A data validation of 18 water samples, 1 field filtered water sample, 2 field duplicates, 2 field blanks, and 2 equipment blanks, collected on 16-22 February 2026, as part of the Plant Huffaker Parcel F sampling event.

The anions and total dissolved solids (TDS) analyses were performed by Pace Analytical Services, Inc., Asheville, North Carolina (Pace Asheville). Metals and mercury analyses were performed by Pace Analytical Services, Inc., West Columbia, South Carolina (Pace West Columbia). Metals analyses were performed by Pace Analytical Services, Inc., Mount Juliet, Tennessee (Pace National). The samples were analyzed for one or more of the following tests:

- Metals by United States (US) Environmental Protection Agency (EPA) Methods 3015/6020B and 3005A/6020B
- Mercury by US EPA Method 7470A
- Anions (Chloride, Fluoride and Sulfate) by US EPA Method 300.0 R2.1 1993
- Total Dissolved Solids by SM 2540C-2020

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 are usable for supporting project objectives.

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); and
- USEPA National Functional Guidelines for Inorganic Superfund Methods Data Review, November 2020 (EPA 542-R-20-006).

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

Laboratory IDs	Client IDs
92845019007	HAM-GWA-24
92845019008	HAM-GWA-25
92845019009	HAM-GWA-26
92845019010	HAM-GWA-27
92845019011	HAM-GWC-32
92845019012	HAM-GWC-39
92845520008	HAM-GWC-28
92845520009	HAM-GWC-31
92845520010	HAM-GWC-33
92845520011	HAM-GWC-34
92845520012	HAM-GWC-35
92845520013	HAM-GWC-36
92845520014	HAM-HLF-F-FD-02

Laboratory IDs	Client IDs
92845520015	HAM-GWC-29
92845520016	HAM-GWC-37
92845520017	HAM-GWC-38
92845520018	HAM-GWC-41
92845520019	HAM-HLF-F-EB-02
92845520020	HAM-HLF-F-FB-02
92845520021	HAM-HLF-F-FD-03
92845520022	HAM-GWC-30
92845520023	HAM-GWC-30-Filtered
92845520024	HAM-HLF-F-EB-03
92845520025	HAM-HLF-F-FB-03
92845520026	HAM-GWC-40

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

The samples were received within 0-6 degrees Celsius (°C). No sample preservation issues were noted by the laboratory.

1.0 METALS

The samples were analyzed for metals by US EPA methods 3015/6020B and 3005A/6020B. (Mercury was evaluated separately in Section 2.0, below.)

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable or not applicable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine impact on data quality and usability.

✓ Overall Assessment
✓ Holding Time
✓ Method Blank
✓ Matrix Spike/Matrix Spike Duplicate

- ✓ Laboratory Control Sample
- ✓ Field Blank
- ✓ Field Duplicate
- ✓ Equipment Blank
- ✓ Sensitivity
- ✓ Electronic Data Deliverables 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 data set is 100%.

1.2 Holding Time

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

1.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Metals were not detected in the method blanks at or above the method detection limits (MDLs), with the following exception.

Dissolved antimony (0.00087 mg/L) was detected at an estimated concentration greater than the MDL and less than the reporting limit (RL) in the method blank in batch 993409. Since dissolved antimony was not detected in the associated sample, no qualifications were applied to the data.

1.4 Matrix Spike/Matrix Spike Duplicate

Matrix spike (MS)/matrix spike duplicate (MSD) pairs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). A sample set specific MS/MSD pair was analyzed using sample HAM-GWC-30-Filtered. The recovery and relative percent difference (RPD) results were within the laboratory specified acceptance criteria, with the following exceptions.

The calcium recoveries in the MS/MSD pair using sample HAM-GWC-30-Filtered were high and outside the laboratory specified acceptance criteria. Since the calcium concentration in sample HAM-GWC-30-Filtered was greater than four times the spike concentration, no qualifications were applied to the data.

Batch MS/MSD pairs 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

Laboratory control samples (LCSs) and LCS/LCS duplicate (LCSD) pairs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). The recovery and RPD results were within the laboratory specified acceptance criteria.

1.6 Field Blank

Two field blanks, HAM-HLF-F-FB-02 and HAM-HLF-F-FB-03, were collected with the sample set. Metals were not detected in the field blanks at or above the MDLs.

1.7 Field Duplicate

Two field duplicates, HAM-HLF-F-FD-02 and HAM-HLF-F-FD-03, were collected with the sample set. Acceptable precision (RPD $\leq$ 30%) was demonstrated between the field duplicates and the original samples, HAM-GWC-35 and HAM-GWC-37, respectively, with the following exception.

Zinc was detected in HAM-GWC-37 at an estimated concentration greater than the MDL and less than the RL and not detected in HAM-HLF-F-FD-03, resulting in a non-calculable RPD between results. Since both results were less than the RL, and based on professional and technical judgment, no qualifications were applied to the data.

1.8 Equipment Blank

Two equipment blanks, HAM-HLF-F-EB-02 and HAM-HLF-F-EB-03, were collected with the sample set. Metals were not detected in the equipment blanks at or above the MDLs.

1.9 Sensitivity

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

1.10 Electronic Data Deliverable Review

The results and sample IDs in the electronic data deliverable (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 MERCURY

The samples were analyzed for mercury by US EPA Method 7470A.

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable or not applicable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine impact on data quality and usability.

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

2.1 Overall Assessment

The mercury 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 data set is 100%.

2.2 Holding Time

The holding time for the mercury analysis of a water sample is 28 days from sample collection to analysis. The holding times were met for the sample analyses.

2.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Mercury was not detected in the method blanks at or above the MDL.

2.4 Matrix Spike/Matrix Spike Duplicate

MS/MSDs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). A sample set specific MS/MSD pair was analyzed using sample

HAM-GWA-25. The recovery and RPD results were within the laboratory specified acceptance criteria.

Batch MS/MSD pairs 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.

2.5 Laboratory Control Sample

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

2.6 Field Blank

Two field blanks, HAM-HLF-F-FB-02 and HAM-HLF-F-FB-03, were collected with the sample set. Mercury was not detected in the field blanks at or above the MDL.

2.7 Field Duplicate

Two field duplicates, HAM-HLF-F-FD-02 and HAM-HLF-F-FD-03, were collected with the sample set. Acceptable precision (RPD ≤ 30%) was demonstrated between the field duplicates and the original samples, HAM-GWC-35 and HAM-GWC-37, respectively.

2.8 Equipment Blank

Two equipment blanks, HAM-HLF-F-EB-02 and HAM-HLF-F-EB-03, were collected with the sample set. Mercury was not detected in the equipment blanks at or above the MDL.

2.9 Sensitivity

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

2.10 Electronic Data Deliverable Review

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.

3.0 WET CHEMISTRY

The samples were analyzed for anions by US EPA method 300.0 and TDS by SM 2540C.

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable or not applicable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine impact on data quality and usability.

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

3.1 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 this analysis, for this data set is 100%.

3.2 Holding Times

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

3.3 Method Blank

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

3.4 Matrix Spike/Matrix Spike Duplicate

MS/MSDs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Sample set specific MS/MSD pairs were reported for anions using samples HAM-GWC-32 and HAM-GWC-28. The recovery and RPD results were within the laboratory specified acceptance criteria.

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

3.5 Laboratory Control Sample

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

3.6 Laboratory Duplicate

Sample set specific laboratory duplicates were reported for TDS using samples HAM-GWA-26, HAM-GWA-27, HAM-GWC-28, HAM-GWC-33, HAM-GWC-37, and HAM-HLF-F-FB-03. 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.

3.7 Field Blank

Two field blanks, HAM-HLF-F-FB-02 and HAM-HLF-F-FB-03, were collected with the sample set. The wet chemistry parameters were not detected in the field blanks at or above the MDLs.

3.8 Field Duplicate

Two field duplicates, HAM-HLF-F-FD-02 and HAM-HLF-F-FD-03, were collected with the sample set. Acceptable precision (RPD $\leq$ 30%) was demonstrated between the field duplicates and the original samples, HAM-GWC-35 and HAM-GWC-37, respectively, with the following exception.

Fluoride was detected in HAM-HLF-F-FD-02 at an estimated concentration greater than the MDL and less than the RL and detected at a concentration greater than the RL in sample HAM-GWC-35, resulting in a non-calculable RPD between results. Since the absolute difference between the results was less than the RLs, and based on professional and technical judgment, no qualifications were applied to the data.

3.9 Equipment Blank

Two equipment blanks, HAM-HLF-F-EB-02 and HAM-HLF-F-EB-03, were collected with the sample set. The wet chemistry parameters were not detected in the equipment blanks at or above the MDLs.

3.10 Sensitivity

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

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

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

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

DQM Reason Code	Description
AB1	> Samples in batch
AB2	QC sample missing
AB3	Batch analysis time exceeded
BAH	Contamination detected in the Ambient Blank greater than or equal to the Quantitation Limit.
BAL	Contamination detected in the Ambient Blank less than the Quantitation Limit.
BC	Calibration blank contamination
BC1	assoc. result < RL
BC2	assoc. result > RL < mult.
BC3	assoc. result > RL > mult.
BEH	Contamination detected in the Equipment Blank greater than or equal to the Quantitation Limit.
BEL	Contamination detected in the Equipment Blank less than the Quantitation Limit.
BF	Field blank contamination
BF1	assoc. result < RL
BF2	assoc. result > RL < mult.
BF3	assoc. result > RL > mult.
BFH	Contamination detected in the Field Blank greater than or equal to the Quantitation Limit.
BFL	Contamination detected in the Field Blank less than the Quantitation Limit.
BL	Laboratory blank contamination
BL1	assoc. result < RL

DQM Reason Code	Description
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
CV1	ICV or CCV %D
CV2	ICV or CCV %R
CV3	ICV CCV RRF
DF1	Dilution Factor > 1

DQM Reason Code	Description
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

DQM Reason Code	Description
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
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

DQM Reason Code	Description
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
SPR3	ORGANIC SPIKE > UCL
SPR4	LCL > BLANK > LOW_CUTOFF
SPR5	LCL > INORG > LOW_CUTOFF
SPR6	LCL > ORG > LOW_CUTOFF
SPR7	BLANK SPIKE < LOW_CUTOFF

DQM Reason Code	Description
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

DQM Reason Code	Description
VSU1	INVALID SAMPLE UNIT TYPE
VSU2	MISSING SAMPLE UNIT TYPE
VSU3	NON-DEFAULT RESULT UNIT

AD-Absolute Difference
CCV-Continuous Calibration Verification
CL-Control Limit
%D-Percent Difference
IC-Initial Calibration
ICV-Initial Calibration Verification
INORG-Inorganic
LCL-Lower Control Limit
LCS-Laboratory Control Spike
LCSD-Laboratory Control Spike Duplicate
LS-Laboratory Spike
MDL-Method Detection Limit
MS-Matrix Spike
MSD-Matrix Spike Duplicate
ND-Not Detected
ORG-Organic
QC-Quality Control
%R-Percent Recovery
REC-Recovery
RL-Reporting Limit
RPD-Relative Percent Difference
RRF-Relative Response Factor
RSD-Relative Standard Deviation
UCL-Upper Control Limit
UCO-Upper Cut Off

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Memorandum

Date: 27 August 2026

To: Kristen Jurinko

From: Ashley Wilson

CC: Kristoffer Henderson

Subject: Stage 2A Data Validation - Level II Data Deliverables – Pace Analytical Services, LLC Project Number 92845525, Revision 2

SITE: Plant Hammond Huffaker- Parcel F 1st Background

INTRODUCTION

This report summarizes the findings of the Stage 2A data validation of eighteen water samples, two field duplicates, two field blanks, and two equipment blanks, collected on 16-22 February 2026, as part of the Plant Hammond Huffaker- Parcel F 1st Background on-site sampling event.

The samples were analyzed at Pace Analytical Services, LLC, Greensburg, Pennsylvania, for the following analytical tests:

- Radium-226 by United States (US) Environmental Protection Agency (EPA) Method 9315
- Radium-228 by US EPA Method 9320
- Total Radium by Calculation

EXECUTIVE SUMMARY

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

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

- US EPA Region IV Data Validation Standard Operating Procedures (US EPA Region IV, September 2011);
- USEPA National Functional Guidelines for Inorganic Superfund Methods Data Review, November 2020 (EPA 542-R-20-006);

- Field Sampling Plan – All Sites, Georgia Power Company, Southern Company, January 2024, Revised May 2024; and
- Idaho National Engineering and Environmental Laboratory, RADIOANALYTICAL DATA VALIDATION, May 11, 2004 (GDE-205).

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

Laboratory IDs	Client IDs
92845025007	HAM-GWA-24
92845025008	HAM-GWA-25
92845025009	HAM-GWA-26
92845025010	HAM-GWA-27
92845025011	HAM-GWC-32
92845025012	HAM-GWC-39
92845525008	HAM-GWC-28
92845525009	HAM-GWC-31
92845525010	HAM-GWC-33
92845525011	HAM-GWC-34
92845525012	HAM-GWC-35
92845525013	HAM-GWC-36

Laboratory IDs	Client IDs
92845525014	HAM-HLF-F-FD-02
92845525015	HAM-GWC-29
92845525016	HAM-GWC-37
92845525017	HAM-GWC-38
92845525018	HAM-GWC-41
92845525019	HAM-HLF-F-EB-02
92845525020	HAM-HLF-F-FB-02
92845525021	HAM-HLF-F-FD-03
92845525022	HAM-GWC-30
92845525024	HAM-HLF-F-EB-03
92845525025	HAM-HLF-F-FB-03
92845525026	HAM-GWC-40

The samples were received within 0-6 degrees Celsius (^{o}C). No sample preservation issues were noted by the laboratory.

The laboratory report was revised on 04/13/2026 to show missing results for samples HAM-GWA-24, HAM-GWA-25, HAM-GWA-26, HAM-GWA-27, HAM-GWC-32, and HAM-GWC-39. The laboratory report was identified as 92845525, Revision 1. The laboratory report was revised again on 08/26/2026 to include missing Quality Control Sample Performance Assessments in the Appendix for batches 801629 and 801659. The laboratory report was identified as 92845525, Revision 2.

Field blanks and equipment blanks are associated with samples collected the same day.

1.0 RADIOCHEMISTRY

The samples were analyzed for radium-226 by US EPA method 9315, radium-228 by US EPA method 9320 and total radium by calculation.

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 impact on data quality and usability.

⊗ Overall Assessment
✓ Holding Times
⊗ Method Blank
✓ Matrix Spike/Matrix Spike Duplicate
✓ Laboratory Control Sample
✓ Laboratory Duplicate
✓ Tracers and Carriers
✓ Field Blank
⊗ Equipment Blank
✓ Field Duplicate
✓ Sensitivity

1.1 Overall Assessment

The radium-226 and radium-228 data reported in this data set 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 data set is 100%.

1.1.1 Analysis Anomaly

Total radium was reported at the minimum detectable concentration (MDC), for radium-226 and radium-228. Radium-228 was detected greater than the MDC in samples HAM-GWA-24 and HAM-HLF-F-FD-03. Radium-226 was detected greater than the MDC in sample HAM-GWC-30. Since total radium is calculated from radium-226 and radium-228, and radium-226 was greater than the MDC, and based on professional and technical judgment, the total radium concentrations for these samples were reported with no qualifications. However, since there was method blank contamination, the concentrations of radium-228 and total radium in sample HAM-GWA-24 were UJ qualified as qualified as not statistically distinguishable from the blank. Additionally, due to equipment blank contamination, the concentrations of radium-228 and total radium in sample HAM-HLF-F-FD-03 were UJ qualified as qualified as not statistically distinguishable from the blank.

Sample ID	Compound	Laboratory Result (pCi/L)	Laboratory Flag	Validation Result (pCi/L)	Validation Qualifier*	Reason Code**
HAM-GWA-24	Combined Radium 226 + 228	1.04	U	1.04	UJ	RO1|BLL
HAM-GWC-30	Combined Radium 226 + 228	1.25	U	1.25	NA	RO1
HAM-HLF-F-FD-03	Combined Radium 226 + 228	1.04	U	1.04	UJ	RO1|BEH

pCi/L-picocuries per liter
U-not detected at or above the minimum detectable concentration
* Validation qualifiers are defined in Attachment 1 at the end of this report
**Data Quality Module reason codes are defined in Attachment 2 at the end of this report

1.2 Holding Times

The holding times for the radium-226 and radium-228 analyses of a water sample are 180 days from sample collection to analysis. The holding times were met for the sample analyses.

1.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Method blanks were reported for the radium-226 and radium-228 data. Radium-226 and radium-228 were not detected in the method blanks at or above the measured 2σ uncertainty or the MDC, with the following exceptions.

Radium-228 [0.278 picocuries per liter (pCi/L)] was detected in the method blank in batch 802007 at a concentration greater than 2σ uncertainty. Since the samples reported in this laboratory report were not associated with this method blank, no qualifications were applied to the data.

Radium-228 [0.686 picocuries per liter (pCi/L)] was detected in the method blank in batch 801659 at a concentration greater than 2σ uncertainty. Therefore, the radium-228 concentrations with a mean difference less than 2 in samples HAM-GWA-24 and HAM-GWA-27 were UJ qualified as not statistically distinguishable from the blank, and the radium-228 concentrations with a mean difference greater than 2 in samples HAM-GWA-25 and HAM-GWC-32 were J qualified as estimated. In addition, the combined radium 226 + 228 concentration for samples HAM-GWA-24 and HAM-GWA-27 were UJ qualified as not statistically distinguishable from the blank, and the concentrations for samples HAM-GWA-25 and HAM-GWC-32 were J qualified as estimated.

Sample ID	Compound	Laboratory Result (pCi/L)	Laboratory Flag	Validation Result (pCi/L)	Validation Qualifier	Reason Code
HAM-GWA-24	Radium-228	1.04	NA	1.04	UJ	BLL
HAM-GWA-24	Combined Radium 226 + 228	1.04	U	1.04	UJ	BLL
HAM-GWA-25	Radium-228	1.65	NA	1.65	J	BLH
HAM-GWA-25	Combined Radium 226 + 228	1.84	NA	1.84	J	BLH
HAM-GWA-27	Radium-228	1.39	NA	1.39	UJ	BLL
HAM-GWA-27	Combined Radium 226 + 228	1.49	NA	1.49	UJ	BLL
HAM-GWC-32	Radium-228	1.51	NA	1.51	J	BLH

Sample ID	Compound	Laboratory Result (pCi/L)	Laboratory Flag	Validation Result (pCi/L)	Validation Qualifier	Reason Code
HAM-GWC-32	Combined Radium 226 + 228	1.82	NA	1.82	J	BLH

pCi/L-picocuries per liter
U-not detected at or above the MDC
NA-not applicable

1.4 Matrix Spike/Matrix Spike Duplicate

Matrix spike (MS)/matrix spike duplicate (MSD) pairs were not reported with the sample set.

1.5 Laboratory Control Sample

Laboratory controls samples (LCSs) were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). LCSs were reported for radium-226 and radium-228. The recovery results were within the laboratory specified acceptance criteria.

1.6 Laboratory Duplicate

One sample set specific laboratory duplicate was reported with the sample using sample HAM-GWC-40. The relative percent difference (RPD) result was outside of the laboratory specified acceptance criteria. However, the MD was less than 3. Therefore, no qualifications were applied to the data.

Batch laboratory duplicates were also reported with the sample set. Since these are batch QC, no qualifications were applied to the data.

1.7 Tracers and Carriers

Carriers were reported for the radium-226 and radium-228 analyses, and a tracer was reported for the radium-228 analyses. The recovery results were within the laboratory specified acceptance criteria.

1.8 Field Blank

Two field blanks, HAM-HLF-F-FB-02 and HAM-HLF-F-FB-03, were collected with the sample set and analyzed for radium-226 and radium-228. Radium-226 and radium-228 were not detected in the field blanks at or above the measured 2σ uncertainty or the MDC, with the following exception.

Radium-228 (0.680 pCi/L) was detected in HAM-HLF-F-FB-03 at a concentration greater than the measured 2σ uncertainty. Since radium-228 was not detected in the associated samples, no additional qualifications were applied to the data.

1.9 Equipment Blank

Two equipment blanks, HAM-HLF-F-EB-02 and HAM-HLF-F-EB-03, were collected with the sample set and analyzed for radium-226 and radium-228. Radium-226 and radium-228 were not detected in the equipment blanks at or above the measured 2σ uncertainty or the MDC.

Radium-228 (0.583 pCi/L) was detected in HAM-HLF-F-EB-02 at a concentration greater than the measured 2σ uncertainty. Therefore, the radium-228 concentration in HAM-HLF-F-FD-03 was UJ qualified as not statistically distinguishable from the blank. Since the remaining associated samples were nondetect for radium-228, no qualifications were applied to those data.

Sample ID	Compound	Laboratory Result (pCi/L)	Laboratory Flag	Validation Result (pCi/L)	Validation Qualifier	Reason Code
HAM-HLF-F-FD-03	Radium-228	0.773	NA	0.773	UJ	BEH
HAM-HLF-F-FD-03	Combined Radium 226 + 228	1.04	U	1.04	UJ	RO1|BEH

pCi/L-picocuries per liter
U-not detected at or above the MDC
NA-not applicable

1.10 Field Duplicate

Two field duplicate samples, HAM-HLF-F-FD-02 and HAM-HLF-F-FD-03, were collected with the sample set. Acceptable precision (MD ≤ 3, RPD < 20% or difference < RL) was demonstrated between the field duplicates and the original samples, HAM-GWC-35 and HAM-GWC-37, with the following exception.

Radium-228 was detected in field duplicate HAM-HLF-F-FD-03 and not detected in parent sample HAM-GWC-37, resulting in a noncalculable RPD. Since the radium-228 concentration in HAM-HLF-F-FD-03 was UJ qualified as not statistically distinguishable from the blank due to equipment blank contamination, no qualifications were applied to the data.

1.11 Sensitivity

The samples were reported to the MDCs. No elevated non-detect results were reported.

* * * * *

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

DATA QUALIFIER DEFINITIONS

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

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

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

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

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

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

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

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.

DQM Reason Code	Description
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
CV1	ICV or CCV %D
CV2	ICV or CCV %R
CV3	ICV CCV RRF
DF1	Dilution Factor > 1
DL	Dilution Factor > 1

DQM Reason Code	Description
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

DQM Reason Code	Description
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
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

DQM Reason Code	Description
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
SPR3	ORGANIC SPIKE > UCL
SPR4	LCL > BLANK > LOW_CUTOFF
SPR5	LCL > INORG > LOW_CUTOFF
SPR6	LCL > ORG > LOW_CUTOFF
SPR7	BLANK SPIKE < LOW_CUTOFF

DQM Reason Code	Description
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

DQM Reason Code	Description
VSU1	INVALID SAMPLE UNIT TYPE
VSU2	MISSING SAMPLE UNIT TYPE

DQM Reason Code	Description
VSU3	NON-DEFAULT RESULT UNIT

AD-Absolute Difference
CCV-Continuous Calibration Verification
CL-Control Limit
%D-Percent Difference
IC-Initial Calibration
ICV-Initial Calibration Verification
INORG-Inorganic
LCL-Lower Control Limit
LCS-Laboratory Control Spike
LCSD-Laboratory Control Spike Duplicate
LS-Laboratory Spike
MDL-Method Detection Limit
MS-Matrix Spike
MSD-Matrix Spike Duplicate
ND-Not Detected
ORG-Organic
QC-Quality Control
%R-Percent Recovery
REC-Recovery
RL-Reporting Limit
RPD-Relative Percent Difference
RRF-Relative Response Factor
RSD-Relative Standard Deviation
UCL-Upper Control Limit
UCO-Upper Cut Off

May 2026

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Memorandum

Date:	27 August 2026
To:	Caroline Nelson
From:	Derek Yeadon
CC:	Kristoffer Henderson, Colleen Small
Subject:	**Stage 2A Data Validation - Level II Data Deliverable – Pace Project Number 92861302**

SITE: Plant Hammond Huffaker

INTRODUCTION

This report summarizes the findings of the Stage 2A data validation of four water samples, one field duplicate, one field blank, and one equipment blank, collected on 19 May 2026, as part of the Plant Hammond Huffaker on-site sampling event.

The anions and total dissolved solids (TDS) analyses were performed by Pace Analytical Services, Inc., Asheville, North Carolina (Pace Asheville). Metals and mercury analyses were performed by Pace Analytical Services, Inc., West Columbia, South Carolina (Pace West Columbia). Metals analyses were performed by Pace Analytical Services, Inc., Mount Juliet, Tennessee (Pace National). The samples were analyzed for one or more of the following tests:

- Metals by United States (US) Environmental Protection Agency (EPA) Methods 3015/6020B and 3005A/6020B
- Mercury by US EPA Method 7470A
- Anions (Chloride, Fluoride, and Sulfate) by US EPA Method 300.0 Revision 2.1, 1993
- Total Dissolved Solids by SM 2540C-2020

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. Qualified data should be used within the limitation of the qualification.

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

- US EPA Region IV Data Validation Standard Operating Procedures (US EPA Region IV, September 2011); and

- USEPA National Functional Guidelines for Inorganic Superfund Methods Data Review, November 2020 (EPA 542-R-20-006).

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

Laboratory IDs	Client IDs
92861302001	HAM-GWC-21A
92861302002	HAM-GWC-42
92861302003	HAM-GWC-43
92861302004	HAM-GWC-44

Laboratory IDs	Client IDs
92861302005	HAM-HLF-ABE-FD-01
92861302006	HAM-HLF-ABE-EB-01
92861302007	HAM-HLF-ABE-FB-01

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

The samples were received within 0-6 degrees Celsius (°C). No sample preservation issues were noted by the laboratory.

1.0 METALS

The samples were analyzed for metals by US EPA Methods 3015/6020B and 3005A/6020B. (Mercury was evaluated separately in Section 2.0, below)

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable or not applicable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine impact on data quality and usability.

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

1.1 <u>Overall Assessment</u>

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 data set is 100%.

1.2 Holding Time

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

1.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Metals were not detected in the method blanks at or above the method detection limits (MDLs), with the following exception.

Boron (0.013 mg/L) was detected at an estimated concentration greater than the MDL and less than the reporting limit (RL) in the method blank in batch 1011926. Therefore, the estimated boron results in samples HAM-GWC-42 and HAM-GWC-43 were U qualified as not detected at or above the RL. Since boron was either detected at concentrations greater than five times the estimated blank concentration or not detected in the remaining associated samples, no additional qualifications were applied to the data.

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier*	DQM Reason Code**
HAM-GWC-42	Boron	0.025	J, B	0.040	U	BL1
HAM-GWC-43	Boron	0.018	J, B	0.040	U	BL1

mg/L: milligrams per liter
J: Estimated concentration greater than the method detection limit and less than the reporting limit
B: Laboratory flag indicating the compound was found in both the blank and the sample
* Validation qualifiers are defined in Attachment 1 at the end of this report
**EQuIS Data Qualification Module Reason codes are defined in Attachment 2 at the end of this report

1.4 Matrix Spike/Matrix Spike Duplicate

Matrix spike (MS)/matrix spike duplicate (MSD) pairs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples).

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

1.5 Laboratory Control Sample

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

1.6 Field Blank

One field blank, HAM-HLF-ABE-FB-01, was collected with the sample set. Metals were not detected in the field blank at or above the MDLs.

1.7 Field Duplicate

One field duplicate, HAM-HLF-ABE-FD-01, was collected with the sample set. Acceptable precision (RPD ≤ 30%) was demonstrated between the field duplicate and the original sample, HAM-GWC-21A.

1.8 Equipment Blank

One equipment blank, HAM-HLF-ABE-EB-01, was collected with the sample set. Metals were not detected in the equipment blank at or above the MDLs, with the following exception.

Chromium (0.00027 mg/L) was detected at an estimated concentration greater than the MDL and less than the RL in equipment blank HAM-HLF-ABE-EB-01. Since chromium was not detected in the associated samples, no qualifications were applied to the data.

1.9 Sensitivity

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

1.10 Electronic Data Deliverable Review

The results and sample IDs in the electronic data deliverable (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 MERCURY

The samples were analyzed for mercury by US EPA Method 7470A.

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable or not applicable. A preceding crossed circle (⊗) signifies areas

where issues were raised during the course of the validation review and should be considered to determine impact on data quality and usability.

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

2.1 Overall Assessment

2.1.1 Completeness

The mercury 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 data set is 100%.

2.1.2 Analysis Anomaly

The mercury results in the samples were flagged CU by the laboratory, indicating that the continuing calibration verification (CCV) was above the QC limits. Since mercury was not detected in the associated samples, no qualifications were applied to the data.

2.2 Holding Time

The holding time for the mercury analysis of a water sample is 28 days from sample collection to analysis. The holding times were met for the sample analyses.

2.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Mercury was not detected in the method blank at or above the MDL.

2.4 Matrix Spike/Matrix Spike Duplicate

MS/MSDs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). A sample set specific MS/MSD pair was analyzed using sample HAM-GWC-21A. The RPD result was within the laboratory specified acceptance criteria.

The MS/MSD recoveries were high and outside the laboratory specified acceptance criteria. Since mercury was not detected in sample HAM-GWC-21A, no qualifications were applied to the data.

2.5 Laboratory Control Sample

LCSs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). The recovery result for mercury in the LCS in batch 1011708 was high and outside the laboratory specified acceptance criteria. Since mercury was not detected in the associated samples, no qualifications were applied to the data.

2.6 Field Blank

One field blank, HAM-HLF-ABE-FB-01, was collected with the sample set. Mercury was not detected in the field blank at or above the MDL.

2.7 Field Duplicate

One field duplicate, HAM-HLF-ABE-FD-01, was collected with the sample set. Acceptable precision (RPD ≤ 30%) was demonstrated between the field duplicate and the original sample, HAM-GWC-21A.

2.8 Equipment Blank

One equipment blank, HAM-HLF-ABE-EB-01, was collected with the sample set. Mercury was not detected in the equipment blank at or above the MDL.

2.9 Sensitivity

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

2.10 Electronic Data Deliverable Review

Results and sample ID 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.

3.0 WET CHEMISTRY

The samples were analyzed for anions by US EPA Method 300.0 and TDS by SM 2540C.

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable or not applicable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine impact on data quality and usability.

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

3.1 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 this analysis, for this data set is 100%.

3.2 Holding Times

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

3.3 Method Blank

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

3.4 Matrix Spike/Matrix Spike Duplicate

MS/MSDs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). A sample set specific MS/MSD pair was reported for anions using sample HAM-GWC-21A. The recovery and RPD results were within the laboratory specified acceptance criteria.

In addition, a batch MS/MSD pair was reported for anions. Since these were batch QC, the results do not affect the samples in this data set, and qualifications were not applied to the data.

3.5 Laboratory Control Sample

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

3.6 Laboratory Duplicate

One sample set specific laboratory duplicate was reported for TDS using sample HAM-GWC-21A. The RPD result was within the laboratory specified acceptance criteria.

A batch laboratory duplicate was reported for TDS. Since this was batch QC, the results do not affect the samples in this data set, and qualifications were not applied to the data.

3.7 Field Blank

One field blank, HAM-HLF-ABE-FB-01, was collected with the sample set. The wet chemistry parameters were not detected in the field blank at or above the MDLs.

3.8 Field Duplicate

One field duplicate, HAM-HLF-ABE-FD-01, was collected with the sample set. Acceptable precision (RPD ≤ 30%) was demonstrated between the field duplicate and the original sample, HAM-GWC-21A.

3.9 Equipment Blank

One equipment blank, HAM-HLF-ABE-EB-01, was collected with the sample set. The wet chemistry parameters were not detected in the equipment blank at or above the MDLs.

3.10 Sensitivity

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

3.11 Electronic Data Deliverable Review

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

* * * * *

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

DATA QUALIFIER DEFINITIONS

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

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

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

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

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

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

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

DQM Reason Code	Description
AB1	> Samples in batch
AB2	QC sample missing
AB3	Batch analysis time exceeded
BAH	Contamination detected in the Ambient Blank greater than or equal to the Quantitation Limit.
BAL	Contamination detected in the Ambient Blank less than the Quantitation Limit.
BC	Calibration blank contamination
BC1	assoc. result < RL
BC2	assoc. result > RL < mult.
BC3	assoc. result > RL > mult.
BEH	Contamination detected in the Equipment Blank greater than or equal to the Quantitation Limit.
BEL	Contamination detected in the Equipment Blank less than the Quantitation Limit.
BF	Field blank contamination
BF1	assoc. result < RL
BF2	assoc. result > RL < mult.
BF3	assoc. result > RL > mult.
BFH	Contamination detected in the Field Blank greater than or equal to the Quantitation Limit.
BFL	Contamination detected in the Field Blank less than the Quantitation Limit.
BL	Laboratory blank contamination
BL1	assoc. result < RL

DQM Reason Code	Description
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
CV1	ICV or CCV %D
CV2	ICV or CCV %R
CV3	ICV CCV RRF
DF1	Dilution Factor > 1

DQM Reason Code	Description
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

DQM Reason Code	Description
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
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

DQM Reason Code	Description
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
SPR3	ORGANIC SPIKE > UCL
SPR4	LCL > BLANK > LOW_CUTOFF
SPR5	LCL > INORG > LOW_CUTOFF
SPR6	LCL > ORG > LOW_CUTOFF
SPR7	BLANK SPIKE < LOW_CUTOFF

DQM Reason Code	Description
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

DQM Reason Code	Description
VSU1	INVALID SAMPLE UNIT TYPE
VSU2	MISSING SAMPLE UNIT TYPE
VSU3	NON-DEFAULT RESULT UNIT

AD-Absolute Difference
CCV-Continuous Calibration Verification
CL-Control Limit
%D-Percent Difference
IC-Initial Calibration
ICV-Initial Calibration Verification
INORG-Inorganic
LCL-Lower Control Limit
LCS-Laboratory Control Spike
LCSD-Laboratory Control Spike Duplicate
LS-Laboratory Spike
MDL-Method Detection Limit
MS-Matrix Spike
MSD-Matrix Spike Duplicate
ND-Not Detected
ORG-Organic
QC-Quality Control
%R-Percent Recovery
REC-Recovery
RL-Reporting Limit
RPD-Relative Percent Difference
RRF-Relative Response Factor
RSD-Relative Standard Deviation
UCL-Upper Control Limit
UCO-Upper Cut Off

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Memorandum

Date: 27 August 2026

To: Kristen Jurinko

From: Ashley Wilson

CC: Kristoffer Henderson

Subject: Stage 2A Data Validation - Level II Data Deliverables – Pace Analytical Services, LLC Project Number 92861307

SITE: Plant Hammond Huffaker- AB & E 2nd Background

INTRODUCTION

This report summarizes the findings of the Stage 2A data validation of four water samples, one field duplicate, one field blank, and one equipment blank, collected on 19 May 2026, as part of the Plant Hammond Huffaker- AB & E 2nd Background on-site sampling event.

The samples were analyzed at Pace Analytical Services, LLC, Greensburg, Pennsylvania, for the following analytical tests:

- Radium-226 by United States (US) Environmental Protection Agency (EPA) Method 9315
- Radium-228 by US EPA Method 9320
- Total Radium by Calculation

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 are usable for supporting project objectives.

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

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

- Idaho National Engineering and Environmental Laboratory, RADIOANALYTICAL DATA VALIDATION, May 11, 2004 (GDE-205).

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

Laboratory IDs	Client IDs
92861307001	HAM-GWC-21A
92861307002	HAM-GWC-42
92861307003	HAM-GWC-43
92861307004	HAM-GWC-44

Laboratory IDs	Client IDs
92861307005	HAM-HLF-ABE-FD-01
92861307006	HAM-HLF-ABE-EB-01
92861307007	HAM-HLF-ABE-FB-01

The samples were received within 0-6 degrees Celsius (ºC). No sample preservation issues were noted by the laboratory.

Field blanks and equipment blanks are associated with samples collected the same day.

1.0 RADIOCHEMISTRY

The samples were analyzed for radium-226 by US EPA Method 9315, radium-228 by US EPA Method 9320 and total radium by calculation.

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 impact on data quality and usability.

✓ Overall Assessment
✓ Holding Times
✓ Method Blank
✓ Matrix Spike/Matrix Spike Duplicate
✓ Laboratory Control Sample
✓ Laboratory Duplicate
✓ Tracers and Carriers
✓ Field Blank
✓ Equipment Blank
✓ Field Duplicate
✓ Sensitivity

1.1 <u>Overall Assessment</u>

The radium-226 and radium-228 data reported in this data set 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 data set is 100%.

1.2 Holding Times

The holding times for the radium-226 and radium-228 analyses of a water sample are 180 days from sample collection to analysis. The holding times were met for the sample analyses.

1.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Method blanks were reported for the radium-226 and radium-228 data. Radium-226 and radium-228 were not detected in the method blanks at or above the measured 2σ uncertainty or the minimum detectable concentration (MDC), with the following exceptions.

Radium-228 [0.434 picocuries per liter (pCi/L)] was detected in the method blank in batch 821212 at a concentration greater than 2σ uncertainty. Since the concentrations in the associated samples were nondetect, no qualifications were applied to the data.

1.4 Matrix Spike/Matrix Spike Duplicate

Matrix spike (MS)/matrix spike duplicate (MSD) pairs were not reported with the sample set.

1.5 Laboratory Control Sample

Laboratory control samples (LCSs) were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). LCSs were reported for radium-226 and radium-228. The recovery results were within the laboratory specified acceptance criteria.

1.6 Laboratory Duplicate

One sample set specific laboratory duplicate was reported with the sample using sample HAM-GWC-21A. The relative percent difference (RPD) result was outside of the laboratory specified acceptance criteria. However, the MD was less than 3. Therefore, no qualifications were applied to the data.

1.7 Tracers and Carriers

Carriers were reported for the radium-226 and radium-228 analyses, and a tracer was reported for the radium-228 analyses. The recovery results were within the laboratory specified acceptance criteria.

1.8 Field Blank

One field blank, HAM-HLF-ABE-FB-01, was collected with the sample set and analyzed for radium-226 and radium-228. Radium-226 and radium-228 were not detected in the field blank at or above the measured 2σ uncertainty or the MDC.

1.9 Equipment Blank

One equipment blank, HAM-HLF-ABE-EB-01, was collected with the sample set and analyzed for radium-226 and radium-228. Radium-226 and radium-228 were not detected in the equipment blank at or above the measured 2σ uncertainty or the MDC.

1.10 Field Duplicate

One field duplicate sample, HAM-HLF-ABE-FD-01, was collected with the sample set. Acceptable precision (MD ≤ 3, RPD < 20% or difference < RL) was demonstrated between the field duplicate and the original sample, HAM-GWC-21A.

1.11 Sensitivity

The samples were reported to the MDCs. No elevated non-detect results were reported.

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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 above the reported sample quantitation limit. Upon application of the U qualifier to a reported result, the definition changes to "not detected at or above the reported result."

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

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

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

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

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

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

DQM Reason Code	Description
AB1	> Samples in batch
AB2	QC sample missing
AB3	Batch analysis time exceeded
BAH	Contamination detected in the Ambient Blank greater than or equal to the Quantitation Limit.
BAL	Contamination detected in the Ambient Blank less than the Quantitation Limit.
BC	Calibration blank contamination
BC1	assoc. result < RL
BC2	assoc. result > RL < mult.
BC3	assoc. result > RL > mult.
BEH	Contamination detected in the Equipment Blank greater than or equal to the Quantitation Limit.
BEL	Contamination detected in the Equipment Blank less than the Quantitation Limit.
BF	Field blank contamination
BF1	assoc. result < RL
BF2	assoc. result > RL < mult.
BF3	assoc. result > RL > mult.
BFH	Contamination detected in the Field Blank greater than or equal to the Quantitation Limit.
BFL	Contamination detected in the Field Blank less than the Quantitation Limit.
BL	Laboratory blank contamination
BL1	assoc. result < RL
BL2	assoc. result > RL < mult.

DQM Reason Code	Description
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
CV1	ICV or CCV %D
CV2	ICV or CCV %R
CV3	ICV CCV RRF
DF1	Dilution Factor > 1
DL	Dilution Factor > 1

DQM Reason Code	Description
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

DQM Reason Code	Description
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
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

DQM Reason Code	Description
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
SPR3	ORGANIC SPIKE > UCL
SPR4	LCL > BLANK > LOW_CUTOFF
SPR5	LCL > INORG > LOW_CUTOFF
SPR6	LCL > ORG > LOW_CUTOFF
SPR7	BLANK SPIKE < LOW_CUTOFF

DQM Reason Code	Description
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

DQM Reason Code	Description
VSU1	INVALID SAMPLE UNIT TYPE
VSU2	MISSING SAMPLE UNIT TYPE

DQM Reason Code	Description
VSU3	NON-DEFAULT RESULT UNIT

AD-Absolute Difference
CCV-Continuous Calibration Verification
CL-Control Limit
%D-Percent Difference
IC-Initial Calibration
ICV-Initial Calibration Verification
INORG-Inorganic
LCL-Lower Control Limit
LCS-Laboratory Control Spike
LCSD-Laboratory Control Spike Duplicate
LS-Laboratory Spike
MDL-Method Detection Limit
MS-Matrix Spike
MSD-Matrix Spike Duplicate
ND-Not Detected
ORG-Organic
QC-Quality Control
%R-Percent Recovery
REC-Recovery
RL-Reporting Limit
RPD-Relative Percent Difference
RRF-Relative Response Factor
RSD-Relative Standard Deviation
UCL-Upper Control Limit
UCO-Upper Cut Off

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Memorandum

Date:	27 August 2026
To:	Caroline Nelson
From:	Derek Yeadon
CC:	Kristoffer Henderson
Subject:	**Stage 2A Data Validation - Level II Data Deliverable – Pace Project Number 92861310**

SITE: Plant Hammond Huffaker-Parcel F-2nd Background

INTRODUCTION

This report summarizes the findings of the Stage 2A data validation of 18 water samples, two field duplicates, two field blanks, and two equipment blanks, collected on 18-22 May 2026, as part of the Plant Hammond Huffaker-Parcel F-2nd Background on-site sampling event.

The anions and total dissolved solids (TDS) analyses were performed by Pace Analytical Services, Inc., Asheville, North Carolina (Pace Asheville). Metals and mercury analyses were performed by Pace Analytical Services, Inc., West Columbia, South Carolina (Pace West Columbia). Metals analyses were performed by Pace Analytical Services, Inc., Mount Juliet, Tennessee (Pace National). The samples were analyzed for one or more of the following tests:

- Metals by United States (US) Environmental Protection Agency (EPA) Methods 3015/6020B and 3005A/6020B
- Mercury by US EPA Method 7470A
- Anions (Chloride, Fluoride and Sulfate) by US EPA Method 300.0 R2.1 1993
- Total Dissolved Solids by SM 2540C-2020

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. Qualified data should be used within the limitation of the qualification.

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

- US EPA Region IV Data Validation Standard Operating Procedures (US EPA Region IV, September 2011); and
- USEPA National Functional Guidelines for Inorganic Superfund Methods Data Review, November 2020 (EPA 542-R-20-006).

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

Laboratory IDs	Client IDs
92861310001	HAM-GWA-24
92861310002	HAM-GWA-25
92861310003	HAM-GWA-26
92861310004	HAM-GWA-27
92861310005	HAM-GWC-33
92861310006	HAM-GWC-28
92861310007	HAM-GWC-29
92861310008	HAM-GWC-32
92861310009	HAM-GWC-34
92861310010	HAM-GWC-35
92861310011	HAM-GWC-36
92861310012	HAM-GWC-37

Laboratory IDs	Client IDs
92861310013	HAM-GWC-39
92861310014	HAM-GWC-40
92861310015	HAM-HLF-F-EB-02
92861310016	HAM-HLF-F-FB-02
92861310017	HAM-HLF-F-FD-02
92861310018	HAM-GWC-30
92861310019	HAM-GWC-31
92861310020	HAM-GWC-38
92861310021	HAM-GWC-41
92861310022	HAM-HLF-F-FD-03
92861310023	HAM-HLF-F-EB-03
92861310024	HAM-HLF-F-FB-03

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

The samples were received within 0-6 degrees Celsius (°C). No sample preservation issues were noted by the laboratory.

1.0 METALS

The samples were analyzed for metals by US EPA Methods 3015/6020B and 3005A/6020B. (Mercury was evaluated separately in Section 2.0, below)

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable or not applicable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine impact on data quality and usability.

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

- ✓ Field Duplicate
- ✓ Equipment Blank
- ✓ 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 data set is 100%.

1.2 Holding Time

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

1.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Metals were not detected in the method blanks at or above the method detection limits (MDLs), with the following exception.

Boron (0.013 mg/L) was detected at an estimated concentration greater than the MDL and less than the RL in the method blank in batch 1011926. Therefore, the estimated concentrations of boron in samples HAM-GWA-24, HAM-GWA-26, HAM-GWA-27, and HAM-GWC-33 were U qualified as not detected at or above the RL. Since boron was not detected in the remaining associated sample, no additional qualifications were applied to the data.

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier*	DQM Reason Code**
HAM-GWA-24	Boron	0.0091	J,B	0.040	U	BL1
HAM-GWA-26	Boron	0.011	J,B	0.040	U	BL1
HAM-GWA-27	Boron	0.0085	J,B	0.040	U	BL1
HAM-GWC-33	Boron	0.035	J,B	0.040	U	BL1

mg/L- milligrams per liter
J-estimated concentration greater than the method detection limit and less than the reporting limit
B-analyte was detected in the associated method blank
* Validation qualifiers are defined in Attachment 1 at the end of this report
**EQuIS Data Qualification Module Reason codes are defined in Attachment 2 at the end of this report

1.4 Matrix Spike/Matrix Spike Duplicate

Matrix spike (MS)/matrix spike duplicate (MSD) pairs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Sample set specific MS/MSD pairs were analyzed using samples HAM-GWA-25, HAM-GWC-28, and HAM-GWC-30. The recovery and relative percent difference (RPD) results were within the laboratory specified acceptance criteria, with the following exceptions.

The calcium recoveries in the MS/MSD pair using sample HAM-GWC-30 were high and low and outside the laboratory specified acceptance criteria. Since the calcium concentration in sample HAM-GWC-30 was greater than four times the spike concentration, no qualifications were applied to the data.

Batch MS/MSD pairs 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

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

1.6 Field Blank

Two field blanks, HAM-HLF-F-FB-02 and HAM-HLF-F-FB-03, were collected with the sample set. Metals were not detected in the field blanks at or above the MDLs, with the following exceptions.

Chromium (0.00031 mg/L) was detected at an estimated concentration greater than the MDL and less than the reporting limit (RL) in field blank HAM-HLF-F-FB-02. Therefore, the estimated chromium results in HAM-GWC-34, HAM-GWC-35, HAM-GWC-36, HAM-GWC-40, and HAM-HLF-F-EB-02 were U qualified as not detected at or above the RL. Since chromium was not detected in the remaining associated samples, no additional qualifications were applied to the data.

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	DQM Reason Code
HAM-GWA-24	Chromium	0.00078	J	0.0050	U	BF1
HAM-GWA-25	Chromium	0.0019	J	0.0050	U	BF1
HAM-GWC-33	Chromium	0.00089	J	0.0050	U	BF1
HAM-GWC-34	Chromium	0.00030	J	0.0050	U	BF1

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	DQM Reason Code
HAM-GWC-35	Chromium	0.00029	J	0.0050	U	BF1
HAM-GWC-36	Chromium	0.00037	J	0.0050	U	BF1
HAM-GWC-40	Chromium	0.00067	J	0.0050	U	BF1
HAM-HLF-F-EB-02	Chromium	0.00033	J	0.0050	U	BF1

mg/L- milligrams per liter
J-estimated concentration greater than the method detection limit and less than the reporting limit

1.7 Field Duplicate

Two field duplicates, HAM-HLF-F-FD-02 and HAM-HLF-F-FD-03, were collected with the sample set. Acceptable precision (RPD ≤ 30%) was demonstrated between the field duplicates and the original samples, HAM-GWC-29 and HAM-GWC-38, respectively, with the following exception.

Zinc was detected in sample HAM-GWC-29 at an estimated concentration greater than the MDL and less than the RL and not detected in HAM-HLF-F-FD-02, resulting in a noncalculable RPD. Since the absolute difference between the two results was less than the RL, and based on professional and technical judgment, no qualifications were applied to the data.

Zinc was detected in HAM-HLF-F-FD-03 at an estimated concentration greater than the MDL and less than the RL and not detected in sample HAM-GWC-38, resulting in a noncalculable RPD. Since the absolute difference between the two results was less than the RL, and based on professional and technical judgment, no qualifications were applied to the data.

1.8 Equipment Blank

Two equipment blanks, HAM-HLF-F-EB-02 and HAM-HLF-F-EB-03, were collected with the sample set. Metals were not detected in the equipment blanks at or above the MDLs, with the following exceptions.

Chromium (0.00033 mg/L) was detected at an estimated concentration greater than the MDL and less than the RL in equipment blank HAM-HLF-F-EB-02. Since the associated chromium results were qualified due to field blank contamination, no additional qualifications were applied to the data.

1.9 Sensitivity

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

1.10 Electronic Data Deliverable Review

The results and sample IDs in the electronic data deliverable (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 MERCURY

The samples were analyzed for mercury by US EPA Method 7470A.

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable or not applicable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine impact on data quality and usability.

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

2.1 Overall Assessment

The mercury 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 data set is 100%.

2.2 Holding Time

The holding time for the mercury analysis of a water sample is 28 days from sample collection to analysis. The holding times were met for the sample analyses.

2.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Mercury was not detected in the method blanks at or above the MDL, with the following exception.

The mercury result for the method blank in batch 1011708 was flagged CU to indicate the analyte was detected in an associated continuing calibration above laboratory specified acceptance criteria. Since mercury was not detected in the associated samples, no qualifications were applied to the data.

2.4 Matrix Spike/Matrix Spike Duplicate

MS/MSDs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). A sample set specific MS/MSD pair was analyzed using sample HAM-GWC-35. The recovery and RPD results were within the laboratory specified acceptance criteria.

Batch MS/MSD pairs 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.

2.5 Laboratory Control Sample

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

The LCS recovery of mercury in batch 1011708 was high and outside of laboratory specified acceptance criteria. Since the associated samples were nondetect, no qualifications were applied to the data.

2.6 Field Blank

Two field blanks, HAM-HLF-F-FB-02 and HAM-HLF-F-FB-03, were collected with the sample set. Mercury was not detected in the field blanks at or above the MDL.

2.7 Field Duplicate

Two field duplicates, HAM-HLF-F-FD-02 and HAM-HLF-F-FD-03, were collected with the sample set. Acceptable precision (RPD $\leq$ 30%) was demonstrated between the field duplicates and the original samples, HAM-GWC-29 and HAM-GWC-38, respectively.

2.8 Equipment Blank

Two equipment blanks, HAM-HLF-F-EB-02 and HAM-HLF-F-EB-03, were collected with the sample set. Mercury was not detected in the equipment blanks at or above the MDL.

2.9 Sensitivity

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

2.10 Electronic Data Deliverable Review

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.

3.0 WET CHEMISTRY

The samples were analyzed for anions by US EPA Method 300.0 and TDS by SM 2540C-2020.

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable or not applicable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine impact on data quality and usability.

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

3.1 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 this analysis, for this data set is 100%.

3.2 Holding Times

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

3.3 Method Blank

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

3.4 Matrix Spike/Matrix Spike Duplicate

MS/MSDs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Sample set specific MS/MSD pairs were reported for anions using samples HAM-GWA-24, HAM-GWC-34, HAM-HLF-F-FD-02, HAM-GWC-38, and HAM-HLF-F-FD-03. The recovery and RPD results were within the laboratory specified acceptance criteria.

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

3.5 Laboratory Control Sample

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

3.6 Laboratory Duplicate

One sample set specific laboratory duplicate was reported for TDS using samples HAM-GWC-39 and HAM-HLF-F-FD-03. The RPD result was within the laboratory specified acceptance criteria.

Batch laboratory duplicates were 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.

3.7 Field Blank

Two field blanks, HAM-HLF-F-FB-02 and HAM-HLF-F-FB-03, were collected with the sample set. The wet chemistry parameters were not detected in the field blanks at or above the MDLs.

3.8 Field Duplicate

Two field duplicates, HAM-HLF-F-FD-02 and HAM-HLF-F-FD-03, were collected with the sample set. Acceptable precision (RPD ≤ 30%) was demonstrated between the field duplicates and the original samples, HAM-GWC-29 and HAM-GWC-38, respectively.

3.9 Equipment Blank

Two equipment blanks, HAM-HLF-F-EB-02 and HAM-HLF-F-EB-03, were collected with the sample set. The wet chemistry parameters were not detected in the equipment blanks at or above the MDLs.

3.10 Sensitivity

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

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

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

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

DQM Reason Code	Description
AB1	> Samples in batch
AB2	QC sample missing
AB3	Batch analysis time exceeded
BAH	Contamination detected in the Ambient Blank greater than or equal to the Quantitation Limit.
BAL	Contamination detected in the Ambient Blank less than the Quantitation Limit.
BC	Calibration blank contamination
BC1	assoc. result < RL
BC2	assoc. result > RL < mult.
BC3	assoc. result > RL > mult.
BEH	Contamination detected in the Equipment Blank greater than or equal to the Quantitation Limit.
BEL	Contamination detected in the Equipment Blank less than the Quantitation Limit.
BF	Field blank contamination
BF1	assoc. result < RL
BF2	assoc. result > RL < mult.
BF3	assoc. result > RL > mult.
BFH	Contamination detected in the Field Blank greater than or equal to the Quantitation Limit.
BFL	Contamination detected in the Field Blank less than the Quantitation Limit.
BL	Laboratory blank contamination
BL1	assoc. result < RL

DQM Reason Code	Description
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
CV1	ICV or CCV %D
CV2	ICV or CCV %R
CV3	ICV CCV RRF
DF1	Dilution Factor > 1

DQM Reason Code	Description
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

DQM Reason Code	Description
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
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

DQM Reason Code	Description
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
SPR3	ORGANIC SPIKE > UCL
SPR4	LCL > BLANK > LOW_CUTOFF
SPR5	LCL > INORG > LOW_CUTOFF
SPR6	LCL > ORG > LOW_CUTOFF
SPR7	BLANK SPIKE < LOW_CUTOFF

DQM Reason Code	Description
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

DQM Reason Code	Description
VSU1	INVALID SAMPLE UNIT TYPE
VSU2	MISSING SAMPLE UNIT TYPE
VSU3	NON-DEFAULT RESULT UNIT

AD-Absolute Difference
CCV-Continuous Calibration Verification
CL-Control Limit
%D-Percent Difference
IC-Initial Calibration
ICV-Initial Calibration Verification
INORG-Inorganic
LCL-Lower Control Limit
LCS-Laboratory Control Spike
LCSD-Laboratory Control Spike Duplicate
LS-Laboratory Spike
MDL-Method Detection Limit
MS-Matrix Spike
MSD-Matrix Spike Duplicate
ND-Not Detected
ORG-Organic
QC-Quality Control
%R-Percent Recovery
REC-Recovery
RL-Reporting Limit
RPD-Relative Percent Difference
RRF-Relative Response Factor
RSD-Relative Standard Deviation
UCL-Upper Control Limit
UCO-Upper Cut Off

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Memorandum

Date: 27 August 2026

To: Kristen Jurinko

From: Ashley Wilson

CC: Kristoffer Henderson

Subject: Stage 2A Data Validation - Level II Data Deliverables – Pace Analytical Services, LLC Project Number 92861313

SITE: Plant Hammond Huffaker - Parcel F 2nd Background

INTRODUCTION

This report summarizes the findings of the Stage 2A data validation of eighteen water samples, two field duplicates, two field blanks, and two equipment blanks, collected 18-22 May 2026, as part of the Plant Hammond Huffaker - Parcel F 2nd Background on-site sampling event.

The samples were analyzed at Pace Analytical Services, LLC, Greensburg, Pennsylvania, for the following analytical tests:

- Radium-226 by United States (US) Environmental Protection Agency (EPA) Method 9315
- Radium-228 by US EPA Method 9320
- Total Radium by Calculation

EXECUTIVE SUMMARY

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

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

- US EPA Region IV Data Validation Standard Operating Procedures (US EPA Region IV, September 2011);
- USEPA National Functional Guidelines for Inorganic Superfund Methods Data Review, November 2020 (EPA 542-R-20-006);

- Field Sampling Plan – All Sites, Georgia Power Company, Southern Company, January 2024, Revised May 2024; and
- Idaho National Engineering and Environmental Laboratory, RADIOANALYTICAL DATA VALIDATION, May 11, 2004 (GDE-205).

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

Laboratory IDs	Client IDs
92861313001	HAM-GWA-24
92861313002	HAM-GWA-25
92861313003	HAM-GWA-26
92861313004	HAM-GWA-27
92861313005	HAM-GWC-33
92861313006	HAM-GWC-28
92861313007	HAM-GWC-29
92861313008	HAM-GWC-32
92861313009	HAM-GWC-34
92861313010	HAM-GWC-35
92861313011	HAM-GWC-36
92861313012	HAM-GWC-37

Laboratory IDs	Client IDs
92861313013	HAM-GWC-39
92861313014	HAM-GWC-40
92861313015	HAM-HLF-F-EB-02
92861313016	HAM-HLF-F-FB-02
92861313017	HAM-HLF-F-FD-02
92861313018	HAM-GWC-30
92861313019	HAM-GWC-31
92861313020	HAM-GWC-38
92861313021	HAM-GWC-41
92861313022	HAM-HLF-F-FD-03
92861313023	HAM-HLF-F-EB-03
92861313024	HAM-HLF-F-FB-03

The samples were received within 0-6 degrees Celsius (^{o}C). No sample preservation issues were noted by the laboratory.

Field blanks and equipment blanks are associated with samples collected the same day.

1.0 RADIOCHEMISTRY

The samples were analyzed for radium-226 by US EPA method 9315, radium-228 by US EPA method 9320 and total radium by calculation.

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 impact on data quality and usability.

⊗ Overall Assessment
✓ Holding Times
⊗ Method Blank
✓ Matrix Spike/Matrix Spike Duplicate
✓ Laboratory Control Sample
✓ Laboratory Duplicate
✓ Tracers and Carriers

- ✓ Field Blank
- ✓ Equipment Blank
- ✓ Field Duplicate
- ✓ Sensitivity

1.1 Overall Assessment

The radium-226 and radium-228 data reported in this data set 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 data set is 100%.

1.1.1 Analysis Anomaly

Total radium was reported at the minimum detectable concentration (MDC), for radium-226 and radium-228. Radium-228 was detected greater than the MDC in samples HAM-GWC-30 and HAM-HLF-F-FB-02. Since total radium is calculated from radium-226 and radium-228, and radium-226 was greater than the MDC, and based on professional and technical judgment, the total radium concentrations for these samples were reported with no qualifications. However, since there was method blank contamination, the concentrations of radium-228 and total radium in samples HAM-GWC-30 and HAM-HLF-F-FB-02 were UJ qualified as not statistically distinguishable from the blank.

The radium-228 result for sample HAM-GWC-29 is more negative than the 2σ uncertainty; therefore, the radium-228 and total radium results for sample HAM-GWC-29 were UJ qualified as not statistically distinguishable from the blank.

Sample ID	Compound	Laboratory Result (pCi/L)	Laboratory Flag	Validation Result (pCi/L)	Validation Qualifier*	Reason Code**
HAM-GWC-30	Combined Radium 226 + 228	1.17	U	1.17	UJ	RO1|BLL
HAM-HLF-F-FB-02	Combined Radium 226 + 228	1.00	U	1.00	UJ	RO1|BLL
HAM-GWC-29	Radium-228	-0.796	U	-0.796	UJ	RQ1
HAM-GWC-29	Combined Radium 226 + 228	0.00254	U	0.00254	UJ	RQ1
HAM-GWC-37	Radium-228	-0.660	U	-0.660	UJ	RQ1
HAM-GWC-37	Combined Radium 226 + 228	0.0702	U	0.0702	UJ	RQ1

pCi/L: picocuries per liter
U: not detected at or above the minimum detectable concentration
* Validation qualifiers are defined in Attachment 1 at the end of this report
**Data Quality Module reason codes are defined in Attachment 2 at the end of this report

1.2 Holding Times

The holding times for the radium-226 and radium-228 analyses of a water sample are 180 days from sample collection to analysis. The holding times were met for the sample analyses.

1.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Method blanks were reported for the radium-226 and radium-228 data. Radium-226 and radium-228 were not detected in the method blanks at or above the measured 2σ uncertainty or the MDC, with the following exceptions.

Radium-228 [0.434 picocuries per liter (pCi/L)] was detected in the method blank in batch 821212 at a concentration greater than 2σ uncertainty. Since the result in the associated samples were less than the MDC, no qualifications were applied to the data.

Radium-228 (0.475 pCi/L) was detected in the method blank in batch 821209 at a concentration greater than 2σ uncertainty. Therefore, the radium-228 concentrations with a mean difference less than 2 in samples HAM-GWC-30 and HAM-HLF-F-FB-02 were UJ qualified as not statistically distinguishable from the blank. In addition, the combined radium 226 + 228 concentration for samples HAM-GWC-30 and HAM-HLF-F-FB-02 were UJ qualified as not statistically distinguishable from the blank.

Sample ID	Compound	Laboratory Result (pCi/L)	Laboratory Flag	Validation Result (pCi/L)	Validation Qualifier	Reason Code
HAM-GWC-30	Radium-228	0.906	NA	0.906	UJ	BLL
HAM-GWC-30	Combined Radium 226 + 228	1.17	U	1.17	UJ	RO1|BLL
HAM-HLF-F-FB-02	Radium-228	0.937	NA	0.937	UJ	BLL
HAM-HLF-F-FB-02	Combined Radium 226 + 228	1.00	U	1.00	UJ	RO1|BLL

pCi/L: picocuries per liter
U: not detected at or above the MDC
NA: not applicable

1.4 Matrix Spike/Matrix Spike Duplicate

Matrix spike (MS)/matrix spike duplicate (MSD) pairs were not reported with the sample set.

1.5 Laboratory Control Sample

Laboratory controls samples (LCSs) were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). LCSs were reported for radium-226 and radium-228. The recovery results were within the laboratory specified acceptance criteria.

1.6 Laboratory Duplicate

One sample set specific laboratory duplicate was reported with the sample using sample HAM-GWC-24. The relative percent difference (RPD) result was outside of the laboratory specified acceptance criteria. However, the MD was less than 3. Therefore, no qualifications were applied to the data.

1.7 Tracers and Carriers

Carriers were reported for the radium-226 and radium-228 analyses, and a tracer was reported for the radium-228 analyses. The recovery results were within the laboratory specified acceptance criteria.

1.8 Field Blank

Two field blanks, HAM-HLF-F-FB-02 and HAM-HLF-F-FB-03, were collected with the sample set and analyzed for radium-226 and radium-228. Radium-226 and radium-228 were not detected in the field blanks at or above the measured 2σ uncertainty or the MDC, with the following exception.

Radium-228 (0.937 pCi/L) was detected in HAM-HLF-F-FB-02 at a concentration greater than the measured 2σ uncertainty. Since the radium-228 concentration in HAM-HLF-F-FB-02 was UJ qualified due to method blank contamination, no additional qualifications were applied to the data.

1.9 Equipment Blank

Two equipment blanks, HAM-HLF-F-EB-02 and HAM-HLF-F-EB-03, were collected with the sample set and analyzed for radium-226 and radium-228. Radium-226 and radium-228 were not detected in the equipment blanks at or above the measured 2σ uncertainty or the MDC.

1.10 Field Duplicate

Two field duplicate samples, HAM-HLF-F-FD-02 and HAM-HLF-F-FD-03, were collected with the sample set. Acceptable precision (MD ≤ 3, RPD < 20% or difference < RL) was demonstrated between the field duplicates and the original samples, HAM-GWC-35 and HAM-GWC-37, respectively.

1.11 Sensitivity

The samples were reported to the MDCs. No elevated non-detect results were reported.

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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 above the reported sample quantitation limit. Upon application of the U qualifier to a reported result, the definition changes to "not detected at or above the reported result."

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

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

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

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

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

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

DQM Reason Code	Description
AB1	> Samples in batch
AB2	QC sample missing
AB3	Batch analysis time exceeded
BAH	Contamination detected in the Ambient Blank greater than or equal to the Quantitation Limit.
BAL	Contamination detected in the Ambient Blank less than the Quantitation Limit.
BC	Calibration blank contamination
BC1	assoc. result < RL
BC2	assoc. result > RL < mult.
BC3	assoc. result > RL > mult.
BEH	Contamination detected in the Equipment Blank greater than or equal to the Quantitation Limit.
BEL	Contamination detected in the Equipment Blank less than the Quantitation Limit.
BF	Field blank contamination
BF1	assoc. result < RL
BF2	assoc. result > RL < mult.
BF3	assoc. result > RL > mult.
BFH	Contamination detected in the Field Blank greater than or equal to the Quantitation Limit.
BFL	Contamination detected in the Field Blank less than the Quantitation Limit.
BL	Laboratory blank contamination
BL1	assoc. result < RL
BL2	assoc. result > RL < mult.

DQM Reason Code	Description
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
CV1	ICV or CCV %D
CV2	ICV or CCV %R
CV3	ICV CCV RRF
DF1	Dilution Factor > 1
DL	Dilution Factor > 1

DQM Reason Code	Description
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

DQM Reason Code	Description
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
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

DQM Reason Code	Description
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
SPR3	ORGANIC SPIKE > UCL
SPR4	LCL > BLANK > LOW_CUTOFF
SPR5	LCL > INORG > LOW_CUTOFF
SPR6	LCL > ORG > LOW_CUTOFF
SPR7	BLANK SPIKE < LOW_CUTOFF

DQM Reason Code	Description
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

DQM Reason Code	Description
VSU1	INVALID SAMPLE UNIT TYPE
VSU2	MISSING SAMPLE UNIT TYPE

DQM Reason Code	Description
VSU3	NON-DEFAULT RESULT UNIT

AD-Absolute Difference
CCV-Continuous Calibration Verification
CL-Control Limit
%D-Percent Difference
IC-Initial Calibration
ICV-Initial Calibration Verification
INORG-Inorganic
LCL-Lower Control Limit
LCS-Laboratory Control Spike
LCSD-Laboratory Control Spike Duplicate
LS-Laboratory Spike
MDL-Method Detection Limit
MS-Matrix Spike
MSD-Matrix Spike Duplicate
ND-Not Detected
ORG-Organic
QC-Quality Control
%R-Percent Recovery
REC-Recovery
RL-Reporting Limit
RPD-Relative Percent Difference
RRF-Relative Response Factor
RSD-Relative Standard Deviation
UCL-Upper Control Limit
UCO-Upper Cut Off

FIELD SAMPLING REPORTS

February 2026

Low-Flow Test Report:

Test Date / Time: 2/8/2026 9:37:42 AM
Project: GP-Plant Hammond
Operator Name: S. Weatherly

Location Name: GWA-1 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 29.30 ft** **Total Depth: 39.30 ft** **Initial Depth to Water: 11.48 ft**	**Pump Type: Peristaltic** **Tubing Type: Polyethylene** **Pump Intake From TOC: 34.30 ft** **Estimated Total Volume Pumped: 10 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.58 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1283118**

Test Notes:
Five bottles: Metals, Inorganics, TDS.

Weather Conditions:
Clear, 33 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	
2/8/2026 9:37 AM	00:00	7.366 pH	12.76 °C	190.3 µS/cm	1.754 mg/L	13.90 NTU	-67.5 mV	11.48 ft	200.0 ml/min
2/8/2026 9:42 AM	05:00	7.407 pH	13.23 °C	192.8 µS/cm	1.292 mg/L	10.80 NTU	-73.0 mV	11.98 ft	200.0 ml/min
2/8/2026 9:47 AM	10:00	7.410 pH	13.45 °C	191.3 µS/cm	1.312 mg/L	6.970 NTU	-73.6 mV	12.00 ft	200.0 ml/min
2/8/2026 9:52 AM	15:00	7.401 pH	13.61 °C	187.0 µS/cm	1.461 mg/L	7.300 NTU	-72.8 mV	12.00 ft	200.0 ml/min
2/8/2026 9:57 AM	20:00	7.377 pH	13.72 °C	182.0 µS/cm	1.530 mg/L	6.210 NTU	-73.8 mV	12.02 ft	200.0 ml/min
2/8/2026 10:02 AM	25:00	7.348 pH	13.86 °C	176.7 µS/cm	1.656 mg/L	4.310 NTU	-73.9 mV	12.03 ft	200.0 ml/min
2/8/2026 10:07 AM	30:00	7.327 pH	13.84 °C	171.6 µS/cm	1.870 mg/L	3.620 NTU	-80.8 mV	12.05 ft	200.0 ml/min
2/8/2026 10:12 AM	35:00	7.300 pH	13.81 °C	167.2 µS/cm	1.888 mg/L	2.350 NTU	-73.8 mV	12.06 ft	200.0 ml/min
2/8/2026 10:17 AM	40:00	7.287 pH	13.84 °C	165.4 µS/cm	1.873 mg/L	2.610 NTU	-74.5 mV	12.05 ft	200.0 ml/min
2/8/2026 10:22 AM	45:00	7.282 pH	13.83 °C	163.4 µS/cm	1.753 mg/L	2.820 NTU	-75.3 mV	12.06 ft	200.0 ml/min
2/8/2026 10:27 AM	50:00	7.278 pH	13.90 °C	160.1 µS/cm	1.701 mg/L	1.130 NTU	-82.8 mV	12.06 ft	200.0 ml/min

Samples

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

Low-Flow Test Report:

Test Date / Time: 2/8/2026 9:40:40 AM
Project: GP-Plant Hammond
Operator Name: Z. Webb

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: 6.04 ft**	**Pump Type: Peristaltic** **Tubing Type: Polyethylene** **Pump Intake From TOC: 20.81 ft** **Estimated Total Volume Pumped: 15 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.70 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1283101**

Test Notes:
Five bottles: Metals, Inorganics, TDS.

Weather Conditions:
Clear, 33 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	
2/8/2026 9:40 AM	00:00	5.881 pH	9.086 °C	557.0 µS/cm	2.624 mg/L	47.90 NTU	26.9 mV	6.63 ft	200.0 ml/min
2/8/2026 9:45 AM	05:00	6.810 pH	13.64 °C	483.7 µS/cm	0.240 mg/L	33.10 NTU	-5.8 mV	6.66 ft	200.0 ml/min
2/8/2026 9:50 AM	10:00	6.871 pH	14.13 °C	482.5 µS/cm	0.198 mg/L	22.60 NTU	-13.4 mV	6.68 ft	200.0 ml/min
2/8/2026 9:55 AM	15:00	6.905 pH	14.17 °C	483.0 µS/cm	0.182 mg/L	17.20 NTU	-16.2 mV	6.69 ft	200.0 ml/min
2/8/2026 10:00 AM	20:00	6.949 pH	14.46 °C	481.2 µS/cm	0.163 mg/L	11.30 NTU	-19.2 mV	6.71 ft	200.0 ml/min
2/8/2026 10:05 AM	25:00	6.957 pH	14.49 °C	479.7 µS/cm	0.150 mg/L	9.780 NTU	-19.8 mV	6.72 ft	200.0 ml/min
2/8/2026 10:10 AM	30:00	6.969 pH	14.66 °C	480.6 µS/cm	0.142 mg/L	9.250 NTU	-22.0 mV	6.72 ft	200.0 ml/min
2/8/2026 10:15 AM	35:00	6.970 pH	14.58 °C	481.1 µS/cm	0.136 mg/L	6.480 NTU	-22.6 mV	6.73 ft	200.0 ml/min
2/8/2026 10:20 AM	40:00	6.967 pH	14.68 °C	480.0 µS/cm	0.133 mg/L	7.240 NTU	-19.9 mV	6.74 ft	200.0 ml/min
2/8/2026 10:25 AM	45:00	6.981 pH	14.69 °C	479.0 µS/cm	0.134 mg/L	5.410 NTU	-18.8 mV	6.74 ft	200.0 ml/min
2/8/2026 10:30 AM	50:00	6.976 pH	14.68 °C	478.7 µS/cm	0.129 mg/L	4.990 NTU	-19.5 mV	6.74 ft	200.0 ml/min
2/8/2026 10:35 AM	55:00	6.983 pH	14.61 °C	478.6 µS/cm	0.129 mg/L	4.830 NTU	-19.1 mV	6.74 ft	200.0 ml/min
2/8/2026 10:40 AM	01:00:00	6.984 pH	14.90 °C	478.0 µS/cm	0.125 mg/L	4.520 NTU	-19.2 mV	6.74 ft	200.0 ml/min

Samples

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

Low-Flow Test Report:

Test Date / Time: 2/8/2026 11:36:18 AM
Project: GP-Plant Hammond
Operator Name: Z. Webb

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: 4.66 ft**	**Pump Type: Peristaltic** **Tubing Type: Polyethylene** **Pump Intake From TOC: 16.09 ft** **Estimated Total Volume Pumped: 20 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.56 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1283101**

Test Notes:
Five bottles: Metals, Inorganics, TDS.

Weather Conditions:
Clear, 41 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	
2/8/2026 11:36 AM	00:00	7.198 pH	12.25 °C	588.0 µS/cm	5.792 mg/L	1.910 NTU	79.5 mV	5.09 ft	200.0 ml/min
2/8/2026 11:41 AM	05:00	7.159 pH	12.60 °C	598.8 µS/cm	4.497 mg/L	1.680 NTU	62.9 mV	5.12 ft	200.0 ml/min
2/8/2026 11:46 AM	10:00	7.096 pH	12.67 °C	589.5 µS/cm	3.465 mg/L	1.260 NTU	54.6 mV	5.13 ft	200.0 ml/min
2/8/2026 11:51 AM	15:00	7.059 pH	12.86 °C	589.8 µS/cm	2.915 mg/L	1.870 NTU	50.5 mV	5.15 ft	200.0 ml/min
2/8/2026 11:56 AM	20:00	7.026 pH	12.99 °C	584.8 µS/cm	2.553 mg/L	1.080 NTU	46.1 mV	5.16 ft	200.0 ml/min
2/8/2026 12:01 PM	25:00	7.002 pH	13.04 °C	583.2 µS/cm	2.215 mg/L	0.720 NTU	43.1 mV	5.18 ft	200.0 ml/min
2/8/2026 12:06 PM	30:00	6.973 pH	12.96 °C	571.3 µS/cm	1.989 mg/L	0.920 NTU	38.7 mV	5.18 ft	200.0 ml/min
2/8/2026 12:11 PM	35:00	6.975 pH	13.08 °C	572.8 µS/cm	1.900 mg/L	0.850 NTU	37.7 mV	5.19 ft	200.0 ml/min
2/8/2026 12:16 PM	40:00	6.954 pH	13.22 °C	569.3 µS/cm	1.605 mg/L	0.790 NTU	35.3 mV	5.19 ft	200.0 ml/min
2/8/2026 12:21 PM	45:00	6.962 pH	13.13 °C	578.0 µS/cm	1.473 mg/L	0.810 NTU	32.7 mV	5.20 ft	200.0 ml/min
2/8/2026 12:26 PM	50:00	6.923 pH	13.17 °C	566.4 µS/cm	1.299 mg/L	0.840 NTU	31.5 mV	5.20 ft	200.0 ml/min
2/8/2026 12:31 PM	55:00	6.917 pH	13.22 °C	566.3 µS/cm	1.286 mg/L	0.930 NTU	31.3 mV	5.21 ft	200.0 ml/min
2/8/2026 12:36 PM	01:00:00	6.972 pH	13.19 °C	581.2 µS/cm	1.394 mg/L	0.860 NTU	31.9 mV	5.21 ft	200.0 ml/min

2/8/2026 12:41 PM	01:05:00	6.895 pH	13.15 °C	559.7 µS/cm	1.176 mg/L	0.850 NTU	30.0 mV	5.22 ft	200.0 ml/min
2/8/2026 12:46 PM	01:10:00	6.922 pH	13.11 °C	570.4 µS/cm	1.277 mg/L	0.770 NTU	29.0 mV	5.22 ft	200.0 ml/min
2/8/2026 12:51 PM	01:15:00	6.898 pH	13.22 °C	566.0 µS/cm	1.124 mg/L	0.780 NTU	28.3 mV	5.22 ft	200.0 ml/min
2/8/2026 12:56 PM	01:20:00	6.898 pH	13.15 °C	567.5 µS/cm	1.032 mg/L	0.860 NTU	27.1 mV	5.22 ft	200.0 ml/min
2/8/2026 1:01 PM	01:25:00	6.863 pH	13.15 °C	554.0 µS/cm	0.982 mg/L	0.890 NTU	26.9 mV	5.22 ft	200.0 ml/min
2/8/2026 1:06 PM	01:30:00	6.852 pH	13.18 °C	548.8 µS/cm	0.847 mg/L	0.820 NTU	27.6 mV	5.22 ft	200.0 ml/min
2/8/2026 1:11 PM	01:35:00	6.869 pH	13.22 °C	552.6 µS/cm	0.867 mg/L	0.710 NTU	26.8 mV	5.22 ft	200.0 ml/min

Samples

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

Low-Flow Test Report:

Test Date / Time: 2/7/2026 2:03:43 PM
Project: GP-Plant Hammond
Operator Name: Z. Webb

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: 9.65 ft**	**Pump Type: Peristaltic** **Tubing Type: Polyethylene** **Pump Intake From TOC: 16.39 ft** **Estimated Total Volume Pumped: 16 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.78 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1283101**

Test Notes:
Five bottles: Metals, Inorganics, TDS.
Pump failure from 2:33 to 2:48.

Weather Conditions:
Clear, 50 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/7/2026 2:03 PM	00:00	7.383 pH	15.61 °C	707.6 µS/cm	4.182 mg/L	0.930 NTU	56.1 mV	9.93 ft	200.0 ml/min
2/7/2026 2:08 PM	05:00	7.151 pH	14.67 °C	744.8 µS/cm	2.934 mg/L	1.060 NTU	96.7 mV	10.00 ft	200.0 ml/min
2/7/2026 2:13 PM	10:00	7.101 pH	15.00 °C	742.4 µS/cm	2.607 mg/L	0.920 NTU	57.8 mV	10.08 ft	200.0 ml/min
2/7/2026 2:18 PM	15:00	7.018 pH	15.16 °C	757.2 µS/cm	2.194 mg/L	0.680 NTU	53.0 mV	10.13 ft	200.0 ml/min
2/7/2026 2:23 PM	20:00	6.991 pH	14.80 °C	771.3 µS/cm	2.012 mg/L	0.970 NTU	45.0 mV	10.17 ft	200.0 ml/min
2/7/2026 2:28 PM	25:00	6.921 pH	14.76 °C	783.2 µS/cm	1.841 mg/L	0.890 NTU	42.6 mV	10.20 ft	200.0 ml/min
2/7/2026 2:33 PM	30:00	--	--	--	--	--	--	--	--
2/7/2026 2:38 PM	35:00	--	--	--	--	--	--	--	--
2/7/2026 2:43 PM	40:00	--	--	--	--	--	--	--	--
2/7/2026 2:48 PM	45:00	--	--	--	--	--	--	--	--
2/7/2026 2:53 PM	50:00	6.892 pH	14.59 °C	784.9 µS/cm	1.823 mg/L	0.830 NTU	38.7 mV	10.23 ft	200.0 ml/min
2/7/2026 2:58 PM	55:00	6.858 pH	14.59 °C	786.5 µS/cm	1.684 mg/L	0.790 NTU	34.6 mV	10.26 ft	200.0 ml/min
2/7/2026 3:03 PM	01:00:00	6.850 pH	14.44 °C	786.4 µS/cm	1.531 mg/L	0.850 NTU	30.1 mV	10.29 ft	200.0 ml/min

2/7/2026 3:08 PM	01:05:00	6.837 pH	14.49 °C	785.5 µS/cm	1.531 mg/L	0.720 NTU	31.3 mV	10.31 ft	200.0 ml/min
2/7/2026 3:13 PM	01:10:00	6.808 pH	14.55 °C	788.8 µS/cm	1.485 mg/L	0.790 NTU	29.6 mV	10.33 ft	200.0 ml/min
2/7/2026 3:18 PM	01:15:00	6.781 pH	14.58 °C	782.0 µS/cm	1.313 mg/L	0.690 NTU	28.9 mV	10.36 ft	200.0 ml/min
2/7/2026 3:23 PM	01:20:00	6.769 pH	14.53 °C	788.9 µS/cm	1.299 mg/L	0.700 NTU	28.8 mV	10.40 ft	200.0 ml/min
2/7/2026 3:28 PM	01:25:00	6.758 pH	14.67 °C	786.7 µS/cm	1.251 mg/L	0.660 NTU	27.1 mV	10.42 ft	200.0 ml/min
2/7/2026 3:33 PM	01:30:00	6.756 pH	14.89 °C	778.8 µS/cm	1.142 mg/L	0.720 NTU	26.8 mV	10.43 ft	200.0 ml/min

Samples

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

Low-Flow Test Report:

Test Date / Time: 2/8/2026 11:30:57 AM
Project: GP-Plant Hammond
Operator Name: S. Weatherly

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: 16.64 ft**	**Pump Type: Peristaltic** **Tubing Type: Polyethylene** **Pump Intake From TOC: 30.9 ft** **Estimated Total Volume Pumped: 18 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.16 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1283118**

Test Notes:
Five bottles: Metals, Inorganics, TDS.

Weather Conditions:
Clear, 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	
2/8/2026 11:30 AM	00:00	7.069 pH	13.54 °C	191.7 µS/cm	1.039 mg/L	++++	-44.0 mV	16.64 ft	200.0 ml/min
2/8/2026 11:35 AM	05:00	7.069 pH	14.44 °C	189.8 µS/cm	1.371 mg/L	48.00 NTU	-44.3 mV	16.79 ft	200.0 ml/min
2/8/2026 11:40 AM	10:00	7.061 pH	14.58 °C	190.0 µS/cm	1.102 mg/L	18.00 NTU	-46.4 mV	16.81 ft	200.0 ml/min
2/8/2026 11:45 AM	15:00	7.036 pH	14.68 °C	190.4 µS/cm	0.942 mg/L	13.90 NTU	-46.9 mV	16.82 ft	200.0 ml/min
2/8/2026 11:50 AM	20:00	7.036 pH	14.80 °C	190.8 µS/cm	1.005 mg/L	12.50 NTU	-46.4 mV	16.83 ft	200.0 ml/min
2/8/2026 11:55 AM	25:00	7.026 pH	14.87 °C	191.0 µS/cm	0.957 mg/L	10.90 NTU	-46.8 mV	16.81 ft	200.0 ml/min
2/8/2026 12:00 PM	30:00	7.025 pH	14.96 °C	190.8 µS/cm	0.917 mg/L	11.20 NTU	-47.0 mV	16.80 ft	200.0 ml/min
2/8/2026 12:05 PM	35:00	7.017 pH	14.85 °C	191.1 µS/cm	1.321 mg/L	10.94 NTU	-49.1 mV	16.83 ft	200.0 ml/min
2/8/2026 12:10 PM	40:00	7.005 pH	15.01 °C	191.9 µS/cm	0.966 mg/L	9.120 NTU	-42.1 mV	16.83 ft	200.0 ml/min
2/8/2026 12:15 PM	45:00	7.005 pH	14.98 °C	191.7 µS/cm	1.047 mg/L	10.10 NTU	-42.2 mV	16.81 ft	200.0 ml/min
2/8/2026 12:20 PM	50:00	6.985 pH	14.94 °C	192.1 µS/cm	0.874 mg/L	8.920 NTU	-43.1 mV	16.81 ft	200.0 ml/min
2/8/2026 12:25 PM	55:00	6.984 pH	15.05 °C	191.4 µS/cm	0.781 mg/L	8.310 NTU	-43.8 mV	16.80 ft	200.0 ml/min
2/8/2026 12:30 PM	01:00:00	6.999 pH	15.11 °C	191.6 µS/cm	0.819 mg/L	8.600 NTU	-43.7 mV	16.80 ft	200.0 ml/min

2/8/2026 12:35 PM	01:05:00	6.986 pH	15.35 °C	191.6 µS/cm	0.791 mg/L	7.200 NTU	-44.4 mV	16.82 ft	200.0 ml/min
2/8/2026 12:40 PM	01:10:00	6.976 pH	15.27 °C	191.3 µS/cm	0.780 mg/L	6.640 NTU	-44.4 mV	16.81 ft	200.0 ml/min
2/8/2026 12:45 PM	01:15:00	6.983 pH	15.26 °C	190.7 µS/cm	0.813 mg/L	5.680 NTU	-44.1 mV	16.81 ft	200.0 ml/min
2/8/2026 12:50 PM	01:20:00	6.985 pH	15.41 °C	191.2 µS/cm	0.722 mg/L	5.340 NTU	-45.2 mV	16.80 ft	200.0 ml/min
2/8/2026 12:55 PM	01:25:00	6.989 pH	15.52 °C	191.2 µS/cm	0.764 mg/L	4.850 NTU	-45.4 mV	16.80 ft	200.0 ml/min
2/8/2026 1:00 PM	01:30:00	6.972 pH	15.78 °C	190.9 µS/cm	0.749 mg/L	4.170 NTU	-45.7 mV	16.80 ft	200.0 ml/min

Samples

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

Low-Flow Test Report:

Test Date / Time: 2/8/2026 3:48:33 PM
Project: GP-Plant Hammond
Operator Name: A. Ullrich

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: 5.30 ft**	**Pump Type: Peristaltic** **Tubing Type: Poly** **Pump Intake From TOC: 16.41 ft** **Estimated Total Volume Pumped: 17 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.01 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1283501**

Test Notes:
Five bottles: Metals, Inorganics, TDS.

Weather Conditions:
Clear, 56 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/8/2026 3:48 PM	00:00	7.023 pH	13.99 °C	556.9 µS/cm	3.696 mg/L	0.630 NTU	67.1 mV	5.30 ft	200.0 ml/min
2/8/2026 3:53 PM	05:00	6.964 pH	13.87 °C	596.0 µS/cm	3.398 mg/L	0.810 NTU	47.7 mV	5.30 ft	200.0 ml/min
2/8/2026 3:58 PM	10:00	6.946 pH	14.11 °C	590.3 µS/cm	2.910 mg/L	0.710 NTU	26.7 mV	5.31 ft	200.0 ml/min
2/8/2026 4:03 PM	15:00	6.932 pH	14.25 °C	593.4 µS/cm	2.629 mg/L	0.620 NTU	20.8 mV	5.31 ft	200.0 ml/min
2/8/2026 4:08 PM	20:00	6.932 pH	14.26 °C	595.8 µS/cm	2.429 mg/L	0.550 NTU	18.1 mV	5.31 ft	200.0 ml/min
2/8/2026 4:13 PM	25:00	6.924 pH	14.29 °C	594.7 µS/cm	2.230 mg/L	0.690 NTU	15.1 mV	5.30 ft	200.0 ml/min
2/8/2026 4:18 PM	30:00	6.921 pH	14.32 °C	603.1 µS/cm	1.934 mg/L	0.590 NTU	10.3 mV	5.30 ft	200.0 ml/min
2/8/2026 4:23 PM	35:00	6.926 pH	14.30 °C	600.4 µS/cm	1.888 mg/L	0.540 NTU	9.9 mV	5.30 ft	200.0 ml/min
2/8/2026 4:28 PM	40:00	6.920 pH	14.29 °C	600.8 µS/cm	1.682 mg/L	1.380 NTU	7.6 mV	5.30 ft	200.0 ml/min
2/8/2026 4:33 PM	45:00	6.921 pH	14.38 °C	603.5 µS/cm	1.775 mg/L	0.470 NTU	5.3 mV	5.30 ft	200.0 ml/min
2/8/2026 4:38 PM	50:00	6.930 pH	14.17 °C	603.8 µS/cm	1.625 mg/L	0.880 NTU	5.1 mV	5.30 ft	200.0 ml/min
2/8/2026 4:43 PM	55:00	6.935 pH	14.29 °C	606.7 µS/cm	1.198 mg/L	0.340 NTU	0.9 mV	5.30 ft	200.0 ml/min
2/8/2026 4:48 PM	01:00:00	6.934 pH	14.20 °C	603.4 µS/cm	1.266 mg/L	0.370 NTU	1.4 mV	5.30 ft	200.0 ml/min

2/8/2026 4:53 PM	01:05:00	6.942 pH	14.25 °C	604.7 µS/cm	1.051 mg/L	0.530 NTU	-1.4 mV	5.30 ft	200.0 ml/min
2/8/2026 4:58 PM	01:10:00	6.939 pH	14.29 °C	607.8 µS/cm	0.957 mg/L	0.430 NTU	-3.2 mV	5.30 ft	200.0 ml/min
2/8/2026 5:03 PM	01:15:00	6.941 pH	14.37 °C	605.6 µS/cm	0.908 mg/L	0.380 NTU	-3.8 mV	5.30 ft	200.0 ml/min
2/8/2026 5:08 PM	01:20:00	6.938 pH	14.25 °C	606.1 µS/cm	0.939 mg/L	0.390 NTU	-3.4 mV	5.30 ft	200.0 ml/min
2/8/2026 5:13 PM	01:25:00	6.938 pH	14.23 °C	607.4 µS/cm	0.804 mg/L	0.460 NTU	-5.5 mV	5.31 ft	200.0 ml/min

Samples

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

Low-Flow Test Report:

Test Date / Time: 2/9/2026 12:36:29 PM
Project: GP-Plant Hammond
Operator Name: S. Weatherly

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: 16.21 ft**	**Pump Type: Peristaltic** **Tubing Type: Polyethylene 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: 0.02 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1283118**

Test Notes:
Five bottles: Metals, Inorganics, TDS.

Weather Conditions:
Clear, 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	
2/9/2026 12:36 PM	00:00	7.361 pH	15.83 °C	516.3 µS/cm	1.906 mg/L	8.570 NTU	-98.1 mV	16.24 ft	200.0 ml/min
2/9/2026 12:41 PM	05:00	7.355 pH	16.51 °C	508.0 µS/cm	0.697 mg/L	7.470 NTU	-106.5 mV	16.23 ft	200.0 ml/min
2/9/2026 12:46 PM	10:00	7.356 pH	16.63 °C	508.0 µS/cm	0.775 mg/L	5.440 NTU	-106.7 mV	16.24 ft	200.0 ml/min
2/9/2026 12:51 PM	15:00	7.348 pH	16.74 °C	507.5 µS/cm	0.700 mg/L	0.760 NTU	-107.2 mV	16.23 ft	200.0 ml/min
2/9/2026 12:56 PM	20:00	7.350 pH	16.75 °C	509.4 µS/cm	0.640 mg/L	0.290 NTU	-106.9 mV	16.24 ft	200.0 ml/min
2/9/2026 1:01 PM	25:00	7.345 pH	16.86 °C	509.9 µS/cm	0.635 mg/L	0.540 NTU	-106.5 mV	16.23 ft	200.0 ml/min
2/9/2026 1:06 PM	30:00	7.345 pH	16.83 °C	509.7 µS/cm	0.635 mg/L	0.000 NTU	-105.9 mV	16.23 ft	200.0 ml/min

Samples

Sample ID:	Description:
HAM-HLF-ABE-GWC-6	Grab.
HAM-HLF-ABE-FD-01	Grab.

Low-Flow Test Report:

Test Date / Time: 2/9/2026 9:59:40 AM
Project: GP-Plant Hammond
Operator Name: A. Ullrich

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: 16.10 ft**	**Pump Type: Peristaltic** **Tubing Type: Poly** **Pump Intake From TOC: 26.91 ft** **Estimated Total Volume Pumped: 4.5 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 0.00 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1283501**

Test Notes:
Five bottles: Metals, Inorganics, TDS.

Weather Conditions:
Clear, 42 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	
2/9/2026 10:00 AM	00:20	5.579 pH	15.11 °C	322.5 µS/cm	1.476 mg/L	4.430 NTU	95.2 mV	16.10 ft	150.0 ml/min
2/9/2026 10:05 AM	05:20	5.592 pH	14.97 °C	322.1 µS/cm	1.400 mg/L	4.360 NTU	86.5 mV	16.05 ft	150.0 ml/min
2/9/2026 10:10 AM	10:20	5.595 pH	14.95 °C	322.6 µS/cm	1.344 mg/L	4.780 NTU	86.6 mV	16.05 ft	150.0 ml/min
2/9/2026 10:15 AM	15:20	5.596 pH	14.88 °C	320.9 µS/cm	1.320 mg/L	4.720 NTU	88.3 mV	16.05 ft	150.0 ml/min
2/9/2026 10:20 AM	20:20	5.625 pH	15.07 °C	324.6 µS/cm	1.256 mg/L	4.470 NTU	84.7 mV	16.05 ft	150.0 ml/min
2/9/2026 10:25 AM	25:20	5.657 pH	15.10 °C	327.3 µS/cm	1.300 mg/L	4.080 NTU	81.8 mV	16.05 ft	150.0 ml/min
2/9/2026 10:30 AM	30:20	5.685 pH	14.95 °C	331.1 µS/cm	1.291 mg/L	4.050 NTU	78.0 mV	16.05 ft	150.0 ml/min

Samples

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

Low-Flow Test Report:

Test Date / Time: 2/9/2026 10:19:52 AM
Project: GP-Plant Hammond
Operator Name: S. Weatherly

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: 12.95 ft**	**Pump Type: Peristaltic** **Tubing Type: Polyethylene** **Pump Intake From TOC: 22.13 ft** **Estimated Total Volume Pumped: 17 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 3.65 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1283118**

Test Notes:
Five bottles: Metals, Inorganics, TDS.

Weather Conditions:
Clear, 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	
2/9/2026 10:19 AM	00:00	7.016 pH	13.30 °C	629.3 µS/cm	5.223 mg/L	33.10 NTU	155.7 mV	14.05 ft	200.0 ml/min
2/9/2026 10:24 AM	05:00	7.258 pH	14.11 °C	597.1 µS/cm	2.876 mg/L	18.80 NTU	100.3 mV	14.78 ft	200.0 ml/min
2/9/2026 10:29 AM	10:00	7.275 pH	14.31 °C	585.5 µS/cm	2.773 mg/L	12.60 NTU	9.8 mV	15.33 ft	200.0 ml/min
2/9/2026 10:34 AM	15:00	7.302 pH	14.23 °C	579.8 µS/cm	2.592 mg/L	11.80 NTU	-6.3 mV	15.67 ft	200.0 ml/min
2/9/2026 10:39 AM	20:00	7.296 pH	14.63 °C	575.5 µS/cm	2.337 mg/L	11.00 NTU	-18.6 mV	15.97 ft	200.0 ml/min
2/9/2026 10:44 AM	25:00	7.329 pH	14.76 °C	557.9 µS/cm	2.025 mg/L	9.410 NTU	-31.4 mV	16.18 ft	200.0 ml/min
2/9/2026 10:49 AM	30:00	7.324 pH	14.86 °C	559.8 µS/cm	1.933 mg/L	8.030 NTU	-36.0 mV	16.32 ft	200.0 ml/min
2/9/2026 10:54 AM	35:00	7.346 pH	14.62 °C	548.8 µS/cm	1.681 mg/L	6.580 NTU	-45.7 mV	16.44 ft	200.0 ml/min
2/9/2026 10:59 AM	40:00	7.357 pH	14.61 °C	545.3 µS/cm	1.588 mg/L	5.760 NTU	-52.4 mV	16.51 ft	200.0 ml/min
2/9/2026 11:04 AM	45:00	7.373 pH	14.60 °C	529.1 µS/cm	1.330 mg/L	2.970 NTU	-57.7 mV	16.59 ft	200.0 ml/min
2/9/2026 11:09 AM	50:00	7.367 pH	14.89 °C	529.2 µS/cm	0.972 mg/L	4.060 NTU	-62.9 mV	16.60 ft	200.0 ml/min
2/9/2026 11:14 AM	55:00	7.381 pH	15.05 °C	516.7 µS/cm	0.719 mg/L	3.290 NTU	-69.4 mV	16.59 ft	200.0 ml/min
2/9/2026 11:19 AM	01:00:00	7.389 pH	14.97 °C	524.3 µS/cm	1.076 mg/L	2.960 NTU	-68.6 mV	16.59 ft	200.0 ml/min

2/9/2026 11:24 AM	01:05:00	7.388 pH	14.99 °C	524.6 µS/cm	1.120 mg/L	2.380 NTU	-69.6 mV	16.60 ft	200.0 ml/min
2/9/2026 11:29 AM	01:10:00	7.407 pH	14.87 °C	517.7 µS/cm	1.067 mg/L	2.530 NTU	-72.7 mV	16.59 ft	200.0 ml/min
2/9/2026 11:34 AM	01:15:00	7.413 pH	15.15 °C	511.7 µS/cm	0.930 mg/L	2.250 NTU	-77.8 mV	16.59 ft	200.0 ml/min
2/9/2026 11:39 AM	01:20:00	7.398 pH	15.21 °C	521.8 µS/cm	1.005 mg/L	1.960 NTU	-75.2 mV	16.60 ft	200.0 ml/min

Samples

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

Low-Flow Test Report:

Test Date / Time: 2/9/2026 11:50:04 AM
Project: GP-Plant Hammond
Operator Name: A. Ullrich

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: 15.15 ft**	**Pump Type: Peristaltic** **Tubing Type: Poly** **Pump Intake From TOC: 46.91 ft** **Estimated Total Volume Pumped: 6 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.00 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1283501**

Test Notes:
Five Bottles: Metals, Inorganics, TDS.

Weather Conditions:
Clear, 53 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	
2/9/2026 11:50 AM	00:00	7.105 pH	15.19 °C	353.7 µS/cm	0.366 mg/L	2.220 NTU	-72.0 mV	15.15 ft	200.0 ml/min
2/9/2026 11:55 AM	05:00	7.125 pH	15.15 °C	354.7 µS/cm	0.266 mg/L	1.640 NTU	-74.2 mV	15.15 ft	200.0 ml/min
2/9/2026 12:00 PM	10:00	7.137 pH	15.28 °C	356.1 µS/cm	0.220 mg/L	1.490 NTU	-77.6 mV	15.15 ft	200.0 ml/min
2/9/2026 12:05 PM	15:00	7.152 pH	15.35 °C	352.9 µS/cm	0.189 mg/L	1.570 NTU	-78.8 mV	15.15 ft	200.0 ml/min
2/9/2026 12:10 PM	20:00	7.151 pH	15.36 °C	357.3 µS/cm	0.171 mg/L	2.300 NTU	-86.1 mV	15.15 ft	200.0 ml/min
2/9/2026 12:15 PM	25:00	7.176 pH	15.34 °C	358.5 µS/cm	0.160 mg/L	0.840 NTU	-97.3 mV	15.15 ft	200.0 ml/min
2/9/2026 12:20 PM	30:00	7.179 pH	15.45 °C	357.7 µS/cm	0.151 mg/L	1.790 NTU	-100.6 mV	15.15 ft	200.0 ml/min

Samples

Sample ID:	Description:
HAM-GWC-9	Grab.
HAM-HLF-ABE-FD-02	Grab.

Low-Flow Test Report:

Test Date / Time: 2/8/2026 3:14:40 PM
Project: GP-Plant Hammond
Operator Name: S. Weatherly

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: 15.03 ft**	**Pump Type: Peristaltic** **Tubing Type: Polyethylene** **Pump Intake From TOC: 28.98 ft** **Estimated Total Volume Pumped: 21 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: -0.01 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1283118**

Test Notes:
Five Bottles: Metals, Inorganics, TDS.

Weather Conditions:
Clear, 60 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/8/2026 3:14 PM	00:00	7.577 pH	15.67 °C	333.4 µS/cm	0.955 mg/L	49.90 NTU	-54.9 mV	15.03 ft	200.0 ml/min
2/8/2026 3:19 PM	05:00	7.578 pH	15.66 °C	330.6 µS/cm	0.801 mg/L	46.10 NTU	-83.0 mV	15.01 ft	200.0 ml/min
2/8/2026 3:24 PM	10:00	7.575 pH	15.65 °C	329.5 µS/cm	0.716 mg/L	46.90 NTU	-72.6 mV	15.02 ft	200.0 ml/min
2/8/2026 3:29 PM	15:00	7.580 pH	15.57 °C	329.8 µS/cm	0.644 mg/L	36.40 NTU	-79.8 mV	15.03 ft	200.0 ml/min
2/8/2026 3:34 PM	20:00	7.581 pH	15.53 °C	329.9 µS/cm	0.498 mg/L	24.70 NTU	-91.5 mV	15.02 ft	200.0 ml/min
2/8/2026 3:39 PM	25:00	7.588 pH	15.52 °C	328.9 µS/cm	0.499 mg/L	21.10 NTU	-90.0 mV	15.03 ft	200.0 ml/min
2/8/2026 3:44 PM	30:00	7.587 pH	15.49 °C	329.3 µS/cm	0.473 mg/L	20.20 NTU	-91.3 mV	15.03 ft	200.0 ml/min
2/8/2026 3:49 PM	35:00	7.583 pH	15.51 °C	330.8 µS/cm	0.452 mg/L	18.70 NTU	-95.8 mV	15.03 ft	200.0 ml/min
2/8/2026 3:54 PM	40:00	7.583 pH	15.52 °C	330.7 µS/cm	0.336 mg/L	11.90 NTU	-102.7 mV	15.02 ft	200.0 ml/min
2/8/2026 3:59 PM	45:00	7.598 pH	15.57 °C	330.1 µS/cm	0.338 mg/L	10.00 NTU	-103.2 mV	15.02 ft	200.0 ml/min
2/8/2026 4:04 PM	50:00	7.595 pH	15.54 °C	329.2 µS/cm	0.431 mg/L	12.30 NTU	-98.0 mV	15.03 ft	200.0 ml/min
2/8/2026 4:09 PM	55:00	7.585 pH	15.54 °C	328.6 µS/cm	0.336 mg/L	9.390 NTU	-102.6 mV	15.03 ft	200.0 ml/min
2/8/2026 4:14 PM	01:00:00	7.587 pH	15.53 °C	328.2 µS/cm	0.404 mg/L	10.00 NTU	-96.5 mV	15.03 ft	200.0 ml/min

2/8/2026 4:19 PM	01:05:00	7.599 pH	15.54 °C	329.3 µS/cm	0.407 mg/L	9.350 NTU	-98.8 mV	15.02 ft	200.0 ml/min
2/8/2026 4:24 PM	01:10:00	7.590 pH	15.57 °C	329.3 µS/cm	0.384 mg/L	8.650 NTU	-99.7 mV	15.03 ft	200.0 ml/min
2/8/2026 4:29 PM	01:15:00	7.598 pH	15.58 °C	328.5 µS/cm	0.326 mg/L	6.600 NTU	-103.9 mV	15.02 ft	200.0 ml/min
2/8/2026 4:34 PM	01:20:00	7.591 pH	15.57 °C	327.9 µS/cm	0.333 mg/L	6.130 NTU	-102.6 mV	15.02 ft	200.0 ml/min
2/8/2026 4:39 PM	01:25:00	7.602 pH	15.57 °C	326.9 µS/cm	0.315 mg/L	6.670 NTU	-103.1 mV	15.03 ft	200.0 ml/min
2/8/2026 4:44 PM	01:30:00	7.589 pH	15.53 °C	327.8 µS/cm	0.308 mg/L	6.330 NTU	-103.8 mV	15.02 ft	200.0 ml/min
2/8/2026 4:49 PM	01:35:00	7.596 pH	15.52 °C	327.9 µS/cm	0.301 mg/L	5.240 NTU	-103.5 mV	15.03 ft	200.0 ml/min
2/8/2026 4:54 PM	01:40:00	7.592 pH	15.53 °C	327.2 µS/cm	0.300 mg/L	4.830 NTU	-103.2 mV	15.02 ft	200.0 ml/min

Samples

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

Low-Flow Test Report:

Test Date / Time: 2/10/2026 11:45:04 AM
Project: GP-Plant Hammond
Operator Name: Z. Webb

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: 13.27 ft**	**Pump Type: Peristaltic** **Tubing Type: Polyethylene** **Pump Intake From TOC: 52.02 ft** **Estimated Total Volume Pumped: 50 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 0.89 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1283118**

Test Notes:
Five bottles: Metals, Inorganics, TDS.

Weather Conditions:
Clear, 64 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	
2/10/2026 11:45 AM	00:00	7.771 pH	16.78 °C	328.4 µS/cm	0.353 mg/L	1.150 NTU	15.0 mV	13.27 ft	200.0 ml/min
2/10/2026 11:50 AM	05:00	7.774 pH	16.96 °C	329.7 µS/cm	0.271 mg/L	1.290 NTU	-16.6 mV	13.27 ft	200.0 ml/min
2/10/2026 11:55 AM	10:00	7.785 pH	17.01 °C	327.9 µS/cm	0.238 mg/L	1.040 NTU	-24.4 mV	15.14 ft	200.0 ml/min
2/10/2026 12:00 PM	15:00	7.796 pH	17.10 °C	328.2 µS/cm	0.237 mg/L	0.920 NTU	-27.5 mV	15.14 ft	200.0 ml/min
2/10/2026 12:05 PM	20:00	7.797 pH	17.18 °C	326.9 µS/cm	0.249 mg/L	0.800 NTU	-26.2 mV	15.14 ft	200.0 ml/min
2/10/2026 12:10 PM	25:00	7.796 pH	17.22 °C	325.8 µS/cm	0.237 mg/L	0.960 NTU	-27.5 mV	15.14 ft	200.0 ml/min
2/10/2026 12:15 PM	30:00	7.800 pH	17.28 °C	324.6 µS/cm	0.223 mg/L	1.070 NTU	-28.5 mV	15.14 ft	200.0 ml/min
2/10/2026 12:20 PM	35:00	7.804 pH	17.27 °C	322.4 µS/cm	0.206 mg/L	1.020 NTU	-29.1 mV	15.14 ft	200.0 ml/min
2/10/2026 12:25 PM	40:00	7.809 pH	17.65 °C	330.4 µS/cm	1.821 mg/L	1.710 NTU	-19.4 mV	14.61 ft	100.0 ml/min
2/10/2026 12:30 PM	45:00	7.804 pH	17.60 °C	330.6 µS/cm	0.258 mg/L	1.110 NTU	-41.1 mV	14.32 ft	100.0 ml/min
2/10/2026 12:35 PM	50:00	7.804 pH	17.71 °C	329.9 µS/cm	0.249 mg/L	0.920 NTU	-25.6 mV	14.23 ft	100.0 ml/min
2/10/2026 12:40 PM	55:00	7.805 pH	17.57 °C	329.0 µS/cm	0.260 mg/L	0.820 NTU	-23.4 mV	14.19 ft	100.0 ml/min
2/10/2026 12:45 PM	01:00:00	7.805 pH	17.72 °C	328.3 µS/cm	0.272 mg/L	1.010 NTU	-23.0 mV	14.18 ft	100.0 ml/min

2/10/2026 12:50 PM	01:05:00	7.808 pH	17.71 °C	327.3 µS/cm	0.286 mg/L	0.930 NTU	-18.6 mV	14.17 ft	100.0 ml/min
2/10/2026 12:55 PM	01:10:00	7.804 pH	17.81 °C	330.0 µS/cm	0.335 mg/L	1.190 NTU	-14.8 mV	14.16 ft	100.0 ml/min
2/10/2026 1:00 PM	01:15:00	7.809 pH	17.72 °C	328.0 µS/cm	0.348 mg/L	1.060 NTU	-10.6 mV	14.16 ft	100.0 ml/min

Samples

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

Low-Flow Test Report:

Test Date / Time: 2/8/2026 3:02:00 PM
Project: GP-Plant Hammond
Operator Name: Z. Webb

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: 19.86 ft**	**Pump Type: Peristaltic** **Tubing Type: Polyethylene** **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: 0.64 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1283101**

Test Notes:
Five bottles: Metals, Inorganics, TDS.

Weather Conditions:
Clear, 56 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/8/2026 3:02 PM	00:00	7.589 pH	17.18 °C	397.5 µS/cm	0.332 mg/L	2.320 NTU	-75.9 mV	20.09 ft	200.0 ml/min
2/8/2026 3:07 PM	05:00	7.587 pH	16.94 °C	401.2 µS/cm	0.248 mg/L	2.110 NTU	-73.3 mV	20.35 ft	200.0 ml/min
2/8/2026 3:12 PM	10:00	7.592 pH	16.77 °C	400.5 µS/cm	0.211 mg/L	1.850 NTU	-71.7 mV	20.41 ft	200.0 ml/min
2/8/2026 3:17 PM	15:00	7.598 pH	16.68 °C	398.6 µS/cm	0.182 mg/L	1.820 NTU	-73.0 mV	20.46 ft	200.0 ml/min
2/8/2026 3:22 PM	20:00	7.600 pH	16.57 °C	396.7 µS/cm	0.161 mg/L	1.680 NTU	-71.8 mV	20.47 ft	200.0 ml/min
2/8/2026 3:27 PM	25:00	7.600 pH	16.54 °C	396.7 µS/cm	0.150 mg/L	1.400 NTU	-71.0 mV	20.48 ft	200.0 ml/min
2/8/2026 3:32 PM	30:00	7.598 pH	16.51 °C	393.7 µS/cm	0.140 mg/L	1.550 NTU	-69.8 mV	20.50 ft	200.0 ml/min

Samples

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

Low-Flow Test Report:

Test Date / Time: 2/9/2026 2:34:33 PM
Project: GP-Plant Hammond
Operator Name: S. Weatherly

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: 3.68 ft**	**Pump Type: Peristaltic** **Tubing Type: Polyethylene** **Pump Intake From TOC: 29.18 ft** **Estimated Total Volume Pumped: 22 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 1.20 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1283118**

Test Notes:
Five bottles: Metals, Inorganics, TDS.

Weather Conditions:
Clear, 60 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/9/2026 2:34 PM	00:00	8.131 pH	14.66 °C	433.6 µS/cm	3.603 mg/L	41.00 NTU	39.7 mV	4.48 ft	200.0 ml/min
2/9/2026 2:39 PM	05:00	7.561 pH	14.29 °C	445.1 µS/cm	4.822 mg/L	0.000 NTU	-47.0 mV	4.53 ft	200.0 ml/min
2/9/2026 2:44 PM	10:00	7.528 pH	14.31 °C	455.1 µS/cm	1.928 mg/L	31.20 NTU	-53.5 mV	4.69 ft	200.0 ml/min
2/9/2026 2:49 PM	15:00	7.540 pH	14.49 °C	455.3 µS/cm	1.668 mg/L	24.40 NTU	-61.4 mV	4.73 ft	200.0 ml/min
2/9/2026 2:54 PM	20:00	7.537 pH	14.42 °C	456.7 µS/cm	1.661 mg/L	20.70 NTU	-70.3 mV	4.75 ft	200.0 ml/min
2/9/2026 2:59 PM	25:00	7.541 pH	14.62 °C	459.7 µS/cm	1.445 mg/L	17.90 NTU	-73.9 mV	4.76 ft	200.0 ml/min
2/9/2026 3:04 PM	30:00	7.555 pH	14.71 °C	460.5 µS/cm	1.174 mg/L	16.90 NTU	-79.4 mV	4.83 ft	200.0 ml/min
2/9/2026 3:09 PM	35:00	7.564 pH	14.67 °C	462.7 µS/cm	1.050 mg/L	14.00 NTU	-83.0 mV	4.83 ft	200.0 ml/min
2/9/2026 3:14 PM	40:00	7.563 pH	14.71 °C	462.1 µS/cm	1.016 mg/L	13.70 NTU	-85.8 mV	4.81 ft	200.0 ml/min
2/9/2026 3:19 PM	45:00	7.544 pH	14.73 °C	463.7 µS/cm	1.070 mg/L	10.50 NTU	-85.7 mV	4.81 ft	200.0 ml/min
2/9/2026 3:24 PM	50:00	7.541 pH	14.87 °C	465.0 µS/cm	1.016 mg/L	10.40 NTU	-86.5 mV	4.81 ft	200.0 ml/min
2/9/2026 3:29 PM	55:00	7.567 pH	14.76 °C	464.7 µS/cm	1.030 mg/L	11.90 NTU	-89.6 mV	4.80 ft	200.0 ml/min
2/9/2026 3:34 PM	01:00:00	7.552 pH	14.81 °C	465.0 µS/cm	0.982 mg/L	9.800 NTU	-89.4 mV	4.80 ft	200.0 ml/min

2/9/2026 3:39 PM	01:05:00	7.543 pH	14.90 °C	467.1 µS/cm	0.902 mg/L	9.670 NTU	-90.3 mV	4.82 ft	200.0 ml/min
2/9/2026 3:44 PM	01:10:00	7.548 pH	14.89 °C	467.5 µS/cm	0.898 mg/L	8.510 NTU	-94.7 mV	4.81 ft	200.0 ml/min
2/9/2026 3:49 PM	01:15:00	7.545 pH	14.89 °C	467.4 µS/cm	0.884 mg/L	9.900 NTU	-96.9 mV	4.85 ft	200.0 ml/min
2/9/2026 3:54 PM	01:20:00	7.544 pH	14.94 °C	467.9 µS/cm	0.845 mg/L	17.60 NTU	-96.7 mV	4.87 ft	200.0 ml/min
2/9/2026 3:59 PM	01:25:00	7.564 pH	14.97 °C	468.8 µS/cm	0.763 mg/L	--	-95.7 mV	4.87 ft	200.0 ml/min
2/9/2026 4:04 PM	01:30:00	7.552 pH	14.94 °C	469.0 µS/cm	0.712 mg/L	9.000 NTU	-96.8 mV	4.87 ft	200.0 ml/min
2/9/2026 4:09 PM	01:35:00	7.552 pH	14.97 °C	469.4 µS/cm	0.716 mg/L	6.730 NTU	-100.0 mV	4.86 ft	200.0 ml/min
2/9/2026 4:14 PM	01:40:00	7.572 pH	14.99 °C	469.6 µS/cm	0.705 mg/L	6.230 NTU	-100.6 mV	4.85 ft	200.0 ml/min
2/9/2026 4:19 PM	01:45:00	7.585 pH	14.94 °C	470.1 µS/cm	0.690 mg/L	4.900 NTU	-101.8 mV	4.88 ft	200.0 ml/min

Samples

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

Low-Flow Test Report:

Test Date / Time: 2/9/2026 10:15:49 AM
Project: GP-Plant Hammond
Operator Name: Z. Webb

Location Name: GWC-21 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 8.23 ft** **Total Depth: 18.23 ft** **Initial Depth to Water: 4.95 ft**	**Pump Type: Peristaltic** **Tubing Type: Polyethylene** **Pump Intake From TOC: 13.23 ft** **Estimated Total Volume Pumped: 14 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.27 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1283101**

Test Notes:
Five bottles: Metals, Inorganics, TDS.

Weather Conditions:
Clear, 41 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	
2/9/2026 10:15 AM	00:00	7.238 pH	9.887 °C	344.4 µS/cm	4.542 mg/L	2.480 NTU	66.5 mV	5.16 ft	200.0 ml/min
2/9/2026 10:20 AM	05:00	6.991 pH	9.723 °C	320.9 µS/cm	3.167 mg/L	2.230 NTU	16.7 mV	5.19 ft	200.0 ml/min
2/9/2026 10:25 AM	10:00	6.907 pH	9.762 °C	290.1 µS/cm	2.559 mg/L	1.750 NTU	12.9 mV	5.20 ft	200.0 ml/min
2/9/2026 10:30 AM	15:00	6.715 pH	9.539 °C	275.4 µS/cm	1.652 mg/L	1.250 NTU	16.3 mV	5.20 ft	200.0 ml/min
2/9/2026 10:35 AM	20:00	6.648 pH	9.517 °C	255.8 µS/cm	1.363 mg/L	1.220 NTU	17.5 mV	5.21 ft	200.0 ml/min
2/9/2026 10:40 AM	25:00	6.609 pH	9.536 °C	233.0 µS/cm	1.203 mg/L	1.140 NTU	20.3 mV	5.21 ft	200.0 ml/min
2/9/2026 10:45 AM	30:00	6.566 pH	9.512 °C	224.0 µS/cm	0.967 mg/L	1.030 NTU	21.3 mV	5.22 ft	200.0 ml/min
2/9/2026 10:50 AM	35:00	6.557 pH	9.464 °C	226.7 µS/cm	0.882 mg/L	0.980 NTU	22.2 mV	5.22 ft	200.0 ml/min
2/9/2026 10:55 AM	40:00	6.571 pH	9.560 °C	223.8 µS/cm	0.881 mg/L	1.250 NTU	20.8 mV	5.22 ft	200.0 ml/min
2/9/2026 11:00 AM	45:00	6.550 pH	9.457 °C	218.5 µS/cm	0.610 mg/L	1.170 NTU	21.2 mV	5.22 ft	200.0 ml/min
2/9/2026 11:05 AM	50:00	6.570 pH	9.607 °C	224.9 µS/cm	0.729 mg/L	1.280 NTU	20.2 mV	5.22 ft	200.0 ml/min
2/9/2026 11:10 AM	55:00	6.540 pH	9.621 °C	216.7 µS/cm	0.634 mg/L	1.010 NTU	21.1 mV	5.22 ft	200.0 ml/min
2/9/2026 11:15 AM	01:00:00	6.558 pH	9.606 °C	224.4 µS/cm	0.567 mg/L	0.980 NTU	20.4 mV	5.22 ft	200.0 ml/min

2/9/2026 11:20 AM	01:05:00	6.546 pH	9.543 °C	226.5 µS/cm	0.497 mg/L	0.950 NTU	21.5 mV	5.22 ft	200.0 ml/min

Samples

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

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/9/2026 12:11:29 PM
Project: GP-Plant Hammond
Operator Name: Z. Webb

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: 2.73 ft**	**Pump Type: Peristaltic** **Tubing Type: Polyethylene** **Pump Intake From TOC: 36.91 ft** **Estimated Total Volume Pumped: 7 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 1.10 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1283101**

Test Notes:
Five bottles: Metals, Inorganics, TDS.

Weather Conditions:
Clear, 54 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/9/2026 12:11 PM	00:00	7.785 pH	13.64 °C	335.9 µS/cm	1.106 mg/L	7.470 NTU	-111.3 mV	3.50 ft	200.0 ml/min
2/9/2026 12:16 PM	05:00	7.887 pH	14.27 °C	334.1 µS/cm	1.054 mg/L	4.400 NTU	-109.7 mV	3.66 ft	200.0 ml/min
2/9/2026 12:21 PM	10:00	7.890 pH	14.46 °C	332.4 µS/cm	0.816 mg/L	3.790 NTU	-107.5 mV	3.71 ft	200.0 ml/min
2/9/2026 12:26 PM	15:00	7.881 pH	14.62 °C	331.2 µS/cm	0.704 mg/L	4.190 NTU	-106.7 mV	3.75 ft	200.0 ml/min
2/9/2026 12:31 PM	20:00	7.894 pH	14.76 °C	331.0 µS/cm	0.683 mg/L	4.720 NTU	-107.6 mV	3.79 ft	200.0 ml/min
2/9/2026 12:36 PM	25:00	7.896 pH	14.85 °C	330.1 µS/cm	0.774 mg/L	3.850 NTU	-107.0 mV	3.82 ft	200.0 ml/min
2/9/2026 12:41 PM	30:00	7.900 pH	14.89 °C	329.3 µS/cm	0.792 mg/L	3.920 NTU	-104.9 mV	3.83 ft	200.0 ml/min

Samples

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

Low-Flow Test Report:

Test Date / Time: 2/9/2026 5:26:13 PM
Project: GP-Plant Hammond
Operator Name: A. Ullrich

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: 10.25 ft**	**Pump Type: Peristaltic** **Tubing Type: Poly** **Pump Intake From TOC: 44.73 ft** **Estimated Total Volume Pumped: 4.75 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 0.09 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1283118**

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

Weather Conditions:
Clear, 67 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	
2/9/2026 5:26 PM	00:00	7.202 pH	15.92 °C	303.1 µS/cm	0.706 mg/L	3.870 NTU	-82.9 mV	10.25 ft	200.0 ml/min
2/9/2026 5:31 PM	05:00	7.242 pH	16.18 °C	302.0 µS/cm	0.584 mg/L	2.740 NTU	-90.7 mV	10.35 ft	200.0 ml/min
2/9/2026 5:36 PM	10:00	7.253 pH	16.04 °C	301.3 µS/cm	0.490 mg/L	2.480 NTU	-94.3 mV	10.35 ft	150.0 ml/min
2/9/2026 5:41 PM	15:00	7.254 pH	16.02 °C	301.8 µS/cm	0.408 mg/L	1.500 NTU	-95.2 mV	10.30 ft	150.0 ml/min
2/9/2026 5:46 PM	20:00	7.256 pH	15.89 °C	301.4 µS/cm	0.403 mg/L	2.190 NTU	-95.4 mV	10.34 ft	150.0 ml/min
2/9/2026 5:51 PM	25:00	7.265 pH	15.82 °C	300.8 µS/cm	0.427 mg/L	1.730 NTU	-96.4 mV	10.34 ft	150.0 ml/min
2/9/2026 5:56 PM	30:00	7.253 pH	15.75 °C	300.1 µS/cm	0.378 mg/L	1.820 NTU	-95.7 mV	10.34 ft	150.0 ml/min

Samples

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

Low-Flow Test Report:

Test Date / Time: 2/17/2026 12:12:35 PM
Project: GP-Plant Hammond
Operator Name: A. Ullrich

Location Name: GWC-21A **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 13.93 ft** **Total Depth: 23.93 ft** **Initial Depth to Water: 5.68 ft**	**Pump Type: Peristaltic** **Tubing Type: Polyethylene** **Pump Intake From TOC: 18.93 ft** **Estimated Total Volume Pumped: 6.00 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.06 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 883530**

Test Notes:
Six bottles: Full App. III & IV and Metals.

Weather Conditions:
Clear, 63 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	
2/17/2026 12:12 PM	00:00	7.392 pH	14.18 °C	421.7 µS/cm	0.328 mg/L	2.55 NTU	-91.4 mV	5.68 ft	200.0 ml/min
2/17/2026 12:17 PM	05:00	7.452 pH	14.06 °C	415.3 µS/cm	0.242 mg/L	2.61 NTU	-26.3 mV	5.69 ft	200.0 ml/min
2/17/2026 12:22 PM	10:00	7.480 pH	14.27 °C	415.7 µS/cm	0.198 mg/L	1.80 NTU	-21.4 mV	5.70 ft	200.0 ml/min
2/17/2026 12:27 PM	15:00	7.499 pH	14.31 °C	414.4 µS/cm	0.167 mg/L	2.04 NTU	-19.7 mV	5.71 ft	200.0 ml/min
2/17/2026 12:32 PM	20:00	7.512 pH	14.63 °C	412.4 µS/cm	0.153 mg/L	1.90 NTU	-13.6 mV	5.73 ft	200.0 ml/min
2/17/2026 12:37 PM	25:00	7.519 pH	14.77 °C	410.5 µS/cm	0.139 mg/L	1.17 NTU	-6.9 mV	5.74 ft	200.0 ml/min
2/17/2026 12:42 PM	30:00	7.514 pH	14.68 °C	410.7 µS/cm	0.123 mg/L	2.16 NTU	8.4 mV	5.73 ft	200.0 ml/min

Samples

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

Low-Flow Test Report:

Test Date / Time: 2/17/2026 2:52:49 PM
Project: GP-Plant Hammond
Operator Name: A. Ullrich

Location Name: GWC-42 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 12.86 ft** **Total Depth: 22.86 ft** **Initial Depth to Water: 6.43 ft**	**Pump Type: Peristaltic** **Tubing Type: Polyethylene** **Pump Intake From TOC: 17.86 ft** **Estimated Total Volume Pumped: 6.00 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.00 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 883530**

Test Notes:
Six bottles: Full App. III & IV and Metals.

Weather Conditions:
Cloudy, 67 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	
2/17/2026 2:52 PM	00:00	6.808 pH	18.17 °C	465.8 µS/cm	0.839 mg/L	4.44 NTU	-83.9 mV	6.43 ft	200.0 ml/min
2/17/2026 2:57 PM	05:00	6.787 pH	18.08 °C	465.2 µS/cm	0.729 mg/L	4.42 NTU	-27.2 mV	6.43 ft	200.0 ml/min
2/17/2026 3:02 PM	10:00	6.782 pH	18.00 °C	464.6 µS/cm	1.321 mg/L	3.18 NTU	-38.5 mV	6.43 ft	200.0 ml/min
2/17/2026 3:07 PM	15:00	6.789 pH	17.99 °C	462.8 µS/cm	1.263 mg/L	3.85 NTU	-36.7 mV	6.43 ft	200.0 ml/min
2/17/2026 3:12 PM	20:00	6.788 pH	17.99 °C	462.3 µS/cm	1.126 mg/L	3.88 NTU	-35.4 mV	6.43 ft	200.0 ml/min
2/17/2026 3:17 PM	25:00	6.784 pH	18.17 °C	460.9 µS/cm	1.107 mg/L	3.46 NTU	-35.4 mV	6.43 ft	200.0 ml/min
2/17/2026 3:22 PM	30:00	6.791 pH	18.39 °C	458.6 µS/cm	0.976 mg/L	3.16 NTU	-34.2 mV	6.43 ft	200.0 ml/min

Samples

Sample ID:	Description:
HAM-GWC-42	Grab.

Low-Flow Test Report:

Test Date / Time: 2/18/2026 8:30:04 AM
Project: GP-Plant Hammond
Operator Name: A. Ullrich

Location Name: GWC-43 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 18.35 ft** **Total Depth: 28.35 ft** **Initial Depth to Water: 11.85 ft**	**Pump Type: Peristaltic** **Tubing Type: Polyethylene** **Pump Intake From TOC: 23.35 ft** **Estimated Total Volume Pumped: 5.75 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.07 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 883530**

Test Notes:
Six bottles: Full App. III & IV and Metals.

Weather Conditions:
Cloudy, 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	
2/18/2026 8:30 AM	00:00	7.165 pH	14.51 °C	371.6 µS/cm	0.163 mg/L	3.56 NTU	-111.8 mV	11.85 ft	150.0 ml/min
2/18/2026 8:35 AM	05:00	7.184 pH	14.50 °C	371.2 µS/cm	0.140 mg/L	4.13 NTU	-76.1 mV	11.85 ft	150.0 ml/min
2/18/2026 8:40 AM	10:00	7.188 pH	14.62 °C	372.8 µS/cm	0.115 mg/L	2.64 NTU	-71.6 mV	11.90 ft	200.0 ml/min
2/18/2026 8:45 AM	15:00	7.204 pH	14.77 °C	370.7 µS/cm	0.097 mg/L	3.36 NTU	-70.1 mV	11.90 ft	200.0 ml/min
2/18/2026 8:50 AM	20:00	7.213 pH	14.77 °C	371.2 µS/cm	0.086 mg/L	2.75 NTU	-68.3 mV	11.92 ft	200.0 ml/min
2/18/2026 8:55 AM	25:00	7.218 pH	14.84 °C	370.1 µS/cm	0.077 mg/L	2.32 NTU	-68.1 mV	11.92 ft	200.0 ml/min
2/18/2026 9:00 AM	30:00	7.221 pH	14.89 °C	370.6 µS/cm	0.075 mg/L	2.14 NTU	-67.7 mV	11.92 ft	200.0 ml/min

Samples

Sample ID:	Description:
HAM-GWC-43	Grab.

Low-Flow Test Report:

Test Date / Time: 2/17/2026 4:31:53 PM
Project: GP-Plant Hammond
Operator Name: A. Ullrich

Location Name: GWC-44 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 43.21 ft** **Total Depth: 53.21 ft** **Initial Depth to Water: 18.50 ft**	**Pump Type: Peristaltic** **Tubing Type: Polyethylene** **Pump Intake From TOC: 48.21 ft** **Estimated Total Volume Pumped: 4.00 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: -0.02 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 883530**

Test Notes:
Six bottles: Full App. III & IV and Metals.

Weather Conditions:
Cloudy, 71 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/17/2026 4:31 PM	00:00	7.326 pH	17.75 °C	734.4 µS/cm	0.780 mg/L	7.54 NTU	-103.5 mV	18.50 ft	100.0 ml/min
2/17/2026 4:36 PM	05:00	7.341 pH	17.77 °C	736.3 µS/cm	0.574 mg/L	7.70 NTU	-60.4 mV	18.45 ft	100.0 ml/min
2/17/2026 4:41 PM	10:00	7.335 pH	17.85 °C	733.9 µS/cm	0.407 mg/L	7.72 NTU	-63.2 mV	18.45 ft	100.0 ml/min
2/17/2026 4:46 PM	15:00	7.341 pH	17.67 °C	729.9 µS/cm	0.361 mg/L	7.55 NTU	-65.4 mV	18.46 ft	100.0 ml/min
2/17/2026 4:51 PM	20:00	7.343 pH	17.57 °C	730.8 µS/cm	0.337 mg/L	6.26 NTU	-67.3 mV	18.46 ft	100.0 ml/min
2/17/2026 4:56 PM	25:00	7.340 pH	17.64 °C	731.1 µS/cm	0.333 mg/L	6.33 NTU	-69.2 mV	18.48 ft	100.0 ml/min
2/17/2026 5:01 PM	30:00	7.338 pH	17.49 °C	732.0 µS/cm	0.294 mg/L	4.45 NTU	-65.8 mV	18.48 ft	100.0 ml/min
2/17/2026 5:06 PM	35:00	7.329 pH	17.55 °C	730.5 µS/cm	0.279 mg/L	3.34 NTU	-61.2 mV	18.50 ft	100.0 ml/min
2/17/2026 5:11 PM	40:00	7.323 pH	17.50 °C	731.5 µS/cm	0.268 mg/L	2.88 NTU	-58.0 mV	18.50 ft	100.0 ml/min

Samples

Sample ID:	Description:
HAM-GWC-44	Grab.

Low-Flow Test Report:

Test Date / Time: 2/16/2026 3:26:30 PM
Project: GP-Plant Hammond
Operator Name: Z. Webb

Location Name: GWA-24 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 38.55 ft** **Total Depth: 48.55 ft** **Initial Depth to Water: 36.01 ft**	**Pump Type: Bladder** **Tubing Type: Poly** **Pump Intake From TOC: 43.55 ft** **Estimated Total Volume Pumped: 6.00 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 3.41 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 883553**

Test Notes:
Six bottles: Full App. III & IV and Metals.

Weather Conditions:
Clear, 65 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	
2/16/2026 3:26 PM	00:00	5.846 pH	20.57 °C	58.83 µS/cm	2.727 mg/L	3.79 NTU	157.0 mV	36.40 ft	100.0 ml/min
2/16/2026 3:31 PM	05:00	5.775 pH	19.44 °C	57.23 µS/cm	2.134 mg/L	3.46 NTU	113.9 mV	37.22 ft	100.0 ml/min
2/16/2026 3:36 PM	10:00	5.760 pH	19.32 °C	56.84 µS/cm	2.078 mg/L	3.28 NTU	137.4 mV	37.78 ft	100.0 ml/min
2/16/2026 3:41 PM	15:00	5.754 pH	19.34 °C	56.34 µS/cm	2.042 mg/L	3.09 NTU	126.7 mV	38.16 ft	100.0 ml/min
2/16/2026 3:46 PM	20:00	5.749 pH	19.33 °C	56.06 µS/cm	2.058 mg/L	2.87 NTU	123.5 mV	38.49 ft	100.0 ml/min
2/16/2026 3:51 PM	25:00	5.738 pH	19.34 °C	55.63 µS/cm	2.085 mg/L	2.41 NTU	120.1 mV	38.77 ft	100.0 ml/min
2/16/2026 3:56 PM	30:00	5.733 pH	19.34 °C	55.20 µS/cm	2.171 mg/L	2.10 NTU	117.9 mV	38.98 ft	100.0 ml/min
2/16/2026 4:01 PM	35:00	5.730 pH	19.33 °C	55.17 µS/cm	2.280 mg/L	2.03 NTU	116.0 mV	39.00 ft	100.0 ml/min
2/16/2026 4:06 PM	40:00	5.727 pH	19.25 °C	54.93 µS/cm	2.391 mg/L	1.89 NTU	113.1 mV	39.09 ft	100.0 ml/min
2/16/2026 4:11 PM	45:00	5.734 pH	19.09 °C	54.82 µS/cm	2.444 mg/L	1.97 NTU	111.5 mV	39.20 ft	100.0 ml/min
2/16/2026 4:16 PM	50:00	5.735 pH	18.97 °C	54.97 µS/cm	2.545 mg/L	1.69 NTU	110.1 mV	39.31 ft	100.0 ml/min
2/16/2026 4:21 PM	55:00	5.744 pH	18.84 °C	55.28 µS/cm	2.622 mg/L	1.52 NTU	107.7 mV	39.42 ft	100.0 ml/min

Samples

Sample ID:	Description:
HAM-GWA-24	Grab.

Low-Flow Test Report:

Test Date / Time: 2/17/2026 9:14:57 AM
Project: GP-Plant Hammond
Operator Name: Z. Webb

Location Name: GWA-25 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 37.95 ft** **Total Depth: 47.95 ft** **Initial Depth to Water: 31.54 ft**	**Pump Type: Bladder** **Tubing Type: Poly** **Pump Intake From TOC: 42.95 ft** **Estimated Total Volume Pumped: 24.00 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 1.17 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 883553**

Test Notes:
Six bottles: Full App. III & IV and Metals.

Weather Conditions:
Clear, 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	
2/17/2026 9:14 AM	00:00	6.027 pH	16.66 °C	64.56 µS/cm	5.423 mg/L	13.90 NTU	538.5 mV	32.71 ft	200.0 ml/min
2/17/2026 9:19 AM	05:00	5.942 pH	16.72 °C	59.46 µS/cm	5.131 mg/L	12.10 NTU	562.0 mV	32.71 ft	200.0 ml/min
2/17/2026 9:24 AM	10:00	5.765 pH	16.87 °C	50.72 µS/cm	4.763 mg/L	11.40 NTU	515.9 mV	32.71 ft	200.0 ml/min
2/17/2026 9:29 AM	15:00	5.723 pH	17.10 °C	49.49 µS/cm	4.716 mg/L	11.00 NTU	354.8 mV	32.71 ft	200.0 ml/min
2/17/2026 9:34 AM	20:00	5.636 pH	17.10 °C	45.15 µS/cm	4.573 mg/L	9.63 NTU	386.1 mV	32.71 ft	200.0 ml/min
2/17/2026 9:39 AM	25:00	5.621 pH	17.19 °C	44.46 µS/cm	4.583 mg/L	8.48 NTU	360.9 mV	32.71 ft	200.0 ml/min
2/17/2026 9:44 AM	30:00	5.603 pH	17.37 °C	43.75 µS/cm	4.542 mg/L	7.03 NTU	311.4 mV	32.71 ft	200.0 ml/min
2/17/2026 9:49 AM	35:00	5.539 pH	17.36 °C	40.87 µS/cm	4.518 mg/L	6.17 NTU	291.1 mV	32.71 ft	200.0 ml/min
2/17/2026 9:54 AM	40:00	5.557 pH	17.54 °C	41.83 µS/cm	4.485 mg/L	5.99 NTU	314.1 mV	32.71 ft	200.0 ml/min
2/17/2026 9:59 AM	45:00	5.506 pH	17.52 °C	39.48 µS/cm	4.489 mg/L	5.52 NTU	286.4 mV	32.71 ft	200.0 ml/min
2/17/2026 10:04 AM	50:00	5.524 pH	17.53 °C	40.16 µS/cm	4.502 mg/L	4.87 NTU	278.4 mV	32.71 ft	200.0 ml/min
2/17/2026 10:09 AM	55:00	5.523 pH	17.74 °C	39.99 µS/cm	4.491 mg/L	4.58 NTU	303.3 mV	32.71 ft	200.0 ml/min
2/17/2026 10:14 AM	01:00:00	5.532 pH	17.75 °C	40.17 µS/cm	4.522 mg/L	4.05 NTU	258.0 mV	32.71 ft	200.0 ml/min

2/17/2026 10:19 AM	01:05:00	5.465 pH	17.83 °C	37.76 µS/cm	4.553 mg/L	4.220 NTU	251.2 mV	32.71 ft	200.0 ml/min
2/17/2026 10:24 AM	01:10:00	5.452 pH	17.90 °C	37.13 µS/cm	4.577 mg/L	3.98 NTU	242.6 mV	32.71 ft	200.0 ml/min
2/17/2026 10:29 AM	01:15:00	5.445 pH	18.01 °C	36.77 µS/cm	4.588 mg/L	3.30 NTU	224.9 mV	32.71 ft	200.0 ml/min
2/17/2026 10:34 AM	01:20:00	5.502 pH	17.99 °C	39.07 µS/cm	4.640 mg/L	3.41 NTU	223.2 mV	32.71 ft	200.0 ml/min
2/17/2026 10:39 AM	01:25:00	5.483 pH	18.08 °C	38.30 µS/cm	4.683 mg/L	3.86 NTU	238.1 mV	32.71 ft	200.0 ml/min
2/17/2026 10:44 AM	01:30:00	5.492 pH	18.12 °C	38.97 µS/cm	4.660 mg/L	3.79 NTU	214.1 mV	32.71 ft	200.0 ml/min
2/17/2026 10:49 AM	01:35:00	5.465 pH	18.10 °C	37.96 µS/cm	4.641 mg/L	4.21 NTU	221.4 mV	32.71 ft	200.0 ml/min
2/17/2026 10:54 AM	01:40:00	5.441 pH	18.03 °C	37.00 µS/cm	4.677 mg/L	3.98 NTU	237.8 mV	32.71 ft	200.0 ml/min
2/17/2026 10:59 AM	01:45:00	5.429 pH	18.13 °C	36.42 µS/cm	4.643 mg/L	3.71 NTU	196.7 mV	32.71 ft	200.0 ml/min
2/17/2026 11:04 AM	01:50:00	5.409 pH	18.26 °C	35.78 µS/cm	4.653 mg/L	4.13 NTU	197.2 mV	32.71 ft	200.0 ml/min
2/17/2026 11:09 AM	01:55:00	5.417 pH	18.26 °C	36.30 µS/cm	4.656 mg/L	4.01 NTU	197.1 mV	32.71 ft	200.0 ml/min

Samples

Sample ID:	Description:
HAM-GWA-25	Grab.

Low-Flow Test Report:

Test Date / Time: 2/17/2026 8:31:55 AM
Project: GP-Plant Hammond
Operator Name: A. Ullrich

Location Name: GWA-26 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 29.14 ft** **Total Depth: 39.14 ft** **Initial Depth to Water: 18.97 ft**	**Pump Type: Peristaltic** **Tubing Type: Polyethylene** **Pump Intake From TOC: 34.14 ft** **Estimated Total Volume Pumped: 8.50 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 0.01 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 883530**

Test Notes:
Six bottles: Full App. III & IV and Metals.

Weather Conditions:
Clear, 46 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/17/2026 8:31 AM	00:00	6.305 pH	11.34 °C	104.7 µS/cm	1.278 mg/L	24.70 NTU	33.2 mV	18.97 ft	100.0 ml/min
2/17/2026 8:36 AM	05:00	6.067 pH	11.50 °C	102.4 µS/cm	0.868 mg/L	18.00 NTU	48.9 mV	18.98 ft	100.0 ml/min
2/17/2026 8:41 AM	10:00	6.145 pH	11.66 °C	104.4 µS/cm	0.640 mg/L	19.70 NTU	52.0 mV	18.97 ft	100.0 ml/min
2/17/2026 8:46 AM	15:00	6.187 pH	12.09 °C	104.2 µS/cm	0.382 mg/L	12.70 NTU	51.6 mV	18.97 ft	100.0 ml/min
2/17/2026 8:51 AM	20:00	6.187 pH	12.13 °C	105.4 µS/cm	0.349 mg/L	12.60 NTU	51.1 mV	18.97 ft	100.0 ml/min
2/17/2026 8:56 AM	25:00	6.215 pH	12.31 °C	109.3 µS/cm	0.294 mg/L	9.850 NTU	48.4 mV	18.98 ft	100.0 ml/min
2/17/2026 9:01 AM	30:00	6.276 pH	12.49 °C	114.7 µS/cm	0.290 mg/L	8.76 NTU	42.8 mV	18.97 ft	100.0 ml/min
2/17/2026 9:06 AM	35:00	6.333 pH	12.95 °C	129.1 µS/cm	0.299 mg/L	8.00 NTU	31.3 mV	18.98 ft	100.0 ml/min
2/17/2026 9:11 AM	40:00	6.415 pH	13.39 °C	140.0 µS/cm	0.298 mg/L	6.02 NTU	25.5 mV	18.97 ft	100.0 ml/min
2/17/2026 9:16 AM	45:00	6.500 pH	13.92 °C	147.2 µS/cm	0.279 mg/L	6.31 NTU	16.4 mV	18.98 ft	100.0 ml/min
2/17/2026 9:21 AM	50:00	6.522 pH	14.24 °C	151.5 µS/cm	0.275 mg/L	6.74 NTU	10.8 mV	18.97 ft	100.0 ml/min
2/17/2026 9:26 AM	55:00	6.560 pH	14.64 °C	154.1 µS/cm	0.251 mg/L	6.52 NTU	4.9 mV	18.98 ft	100.0 ml/min
2/17/2026 9:31 AM	01:00:00	6.580 pH	14.99 °C	154.9 µS/cm	0.254 mg/L	7.56 NTU	0.9 mV	18.98 ft	100.0 ml/min

2/17/2026 9:36 AM	01:05:00	6.584 pH	15.15 °C	152.8 µS/cm	0.252 mg/L	5.580 NTU	1.6 mV	18.98 ft	100.0 ml/min
2/17/2026 9:41 AM	01:10:00	6.591 pH	15.44 °C	157.2 µS/cm	0.234 mg/L	6.87 NTU	-6.1 mV	18.98 ft	100.0 ml/min
2/17/2026 9:46 AM	01:15:00	6.596 pH	15.58 °C	156.8 µS/cm	0.236 mg/L	4.77 NTU	-7.7 mV	18.98 ft	100.0 ml/min
2/17/2026 9:51 AM	01:20:00	6.604 pH	15.94 °C	155.9 µS/cm	0.223 mg/L	3.85 NTU	-14.9 mV	18.98 ft	100.0 ml/min
2/17/2026 9:56 AM	01:25:00	6.602 pH	16.03 °C	156.0 µS/cm	0.226 mg/L	3.91 NTU	-17.7 mV	18.98 ft	100.0 ml/min

Samples

Sample ID:	Description:
HAM-GWA-26	Grab.

Low-Flow Test Report:

Test Date / Time: 2/16/2026 4:10:03 PM
Project: GP-Plant Hammond
Operator Name: A. Ullrich

Location Name: GWA-27 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 28.17 ft** **Total Depth: 38.17 ft** **Initial Depth to Water: 23.10 ft**	**Pump Type: Peristaltic** **Tubing Type: Polyethylene** **Pump Intake From TOC: 33.17 ft** **Estimated Total Volume Pumped: 5.00 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 0.15 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 883530**

Test Notes:
Six bottles: Full App. III & IV and Metals.

Weather Conditions:
Clear, 68 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	
2/16/2026 4:10 PM	00:00	5.896 pH	19.86 °C	73.27 µS/cm	1.733 mg/L	2.70 NTU	243.2 mV	23.10 ft	100.0 ml/min
2/16/2026 4:15 PM	05:00	5.925 pH	19.86 °C	75.22 µS/cm	1.738 mg/L	2.02 NTU	658.4 mV	23.18 ft	100.0 ml/min
2/16/2026 4:20 PM	10:00	5.889 pH	20.00 °C	74.63 µS/cm	1.692 mg/L	2.25 NTU	649.4 mV	23.20 ft	100.0 ml/min
2/16/2026 4:25 PM	15:00	5.941 pH	20.04 °C	79.01 µS/cm	1.706 mg/L	2.46 NTU	634.0 mV	23.20 ft	100.0 ml/min
2/16/2026 4:30 PM	20:00	5.937 pH	20.24 °C	76.99 µS/cm	1.726 mg/L	2.42 NTU	617.3 mV	23.20 ft	100.0 ml/min
2/16/2026 4:35 PM	25:00	5.891 pH	20.22 °C	75.92 µS/cm	1.672 mg/L	2.14 NTU	597.8 mV	23.21 ft	100.0 ml/min
2/16/2026 4:40 PM	30:00	5.903 pH	19.46 °C	66.79 µS/cm	1.634 mg/L	2.01 NTU	571.6 mV	23.21 ft	100.0 ml/min
2/16/2026 4:45 PM	35:00	5.879 pH	19.15 °C	68.45 µS/cm	1.635 mg/L	1.87 NTU	546.0 mV	23.22 ft	100.0 ml/min
2/16/2026 4:50 PM	40:00	5.911 pH	19.33 °C	69.34 µS/cm	1.621 mg/L	2.06 NTU	531.8 mV	23.23 ft	100.0 ml/min
2/16/2026 4:55 PM	45:00	5.912 pH	19.49 °C	69.75 µS/cm	1.595 mg/L	2.17 NTU	520.3 mV	23.23 ft	100.0 ml/min
2/16/2026 5:00 PM	50:00	5.925 pH	19.54 °C	71.73 µS/cm	1.593 mg/L	2.00 NTU	515.4 mV	23.25 ft	100.0 ml/min

Samples

Sample ID:	Description:
HAM-GWA-27	Grab.

Low-Flow Test Report:

Test Date / Time: 2/18/2026 3:36:34 PM
Project: GP-Plant Hammond
Operator Name: Z. Webb

Location Name: GWC-28 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 50.89 ft** **Total Depth: 60.89 ft** **Initial Depth to Water: 30.45 ft**	**Pump Type: Bladder** **Tubing Type: Poly** **Pump Intake From TOC: 55.89 ft** **Estimated Total Volume Pumped: 10.00 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 0.94 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 883553**

Test Notes:
Six bottles: Full App. III & IV and Metals.

Weather Conditions:
Light rain, 70 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	
2/18/2026 3:36 PM	00:00	6.455 pH	16.29 °C	125.8 µS/cm	4.175 mg/L	19.20 NTU	-50.6 mV	30.79 ft	100.0 ml/min
2/18/2026 3:41 PM	05:00	6.499 pH	16.22 °C	123.9 µS/cm	5.505 mg/L	17.40 NTU	-37.1 mV	31.09 ft	100.0 ml/min
2/18/2026 3:46 PM	10:00	6.516 pH	16.29 °C	123.7 µS/cm	5.822 mg/L	16.90 NTU	-37.2 mV	31.37 ft	100.0 ml/min
2/18/2026 3:51 PM	15:00	6.539 pH	16.27 °C	124.6 µS/cm	5.727 mg/L	16.20 NTU	-37.3 mV	31.31 ft	100.0 ml/min
2/18/2026 3:56 PM	20:00	6.527 pH	16.15 °C	126.4 µS/cm	4.922 mg/L	15.40 NTU	-39.9 mV	31.29 ft	100.0 ml/min
2/18/2026 4:01 PM	25:00	6.514 pH	16.20 °C	123.9 µS/cm	4.606 mg/L	14.70 NTU	-35.0 mV	31.37 ft	100.0 ml/min
2/18/2026 4:06 PM	30:00	6.502 pH	16.20 °C	123.2 µS/cm	4.176 mg/L	13.50 NTU	-39.6 mV	31.36 ft	100.0 ml/min
2/18/2026 4:11 PM	35:00	6.493 pH	16.16 °C	123.1 µS/cm	3.841 mg/L	11.90 NTU	-39.6 mV	31.39 ft	100.0 ml/min
2/18/2026 4:16 PM	40:00	6.496 pH	16.13 °C	123.7 µS/cm	3.560 mg/L	10.86 NTU	-40.3 mV	31.39 ft	100.0 ml/min
2/18/2026 4:21 PM	45:00	6.492 pH	16.15 °C	122.9 µS/cm	3.174 mg/L	10.32 NTU	-40.8 mV	31.39 ft	100.0 ml/min
2/18/2026 4:26 PM	50:00	6.465 pH	16.13 °C	121.1 µS/cm	2.827 mg/L	9.74 NTU	-40.1 mV	31.39 ft	100.0 ml/min
2/18/2026 4:31 PM	55:00	6.464 pH	16.12 °C	120.4 µS/cm	2.641 mg/L	9.29 NTU	-39.8 mV	31.39 ft	100.0 ml/min
2/18/2026 4:36 PM	01:00:00	6.473 pH	16.11 °C	120.8 µS/cm	2.603 mg/L	8.56 NTU	-39.6 mV	31.39 ft	100.0 ml/min

2/18/2026 4:41 PM	01:05:00	6.478 pH	16.14 °C	120.4 µS/cm	2.631 mg/L	8.160 NTU	-38.7 mV	31.39 ft	100.0 ml/min
2/18/2026 4:46 PM	01:10:00	6.477 pH	16.14 °C	120.2 µS/cm	2.608 mg/L	7.72 NTU	-39.0 mV	31.39 ft	100.0 ml/min
2/18/2026 4:51 PM	01:15:00	6.475 pH	16.16 °C	119.6 µS/cm	2.631 mg/L	6.96 NTU	-38.2 mV	31.39 ft	100.0 ml/min
2/18/2026 4:56 PM	01:20:00	6.473 pH	16.20 °C	119.1 µS/cm	2.534 mg/L	6.17 NTU	-34.5 mV	31.39 ft	100.0 ml/min
2/18/2026 5:01 PM	01:25:00	6.458 pH	16.21 °C	118.0 µS/cm	2.440 mg/L	6.24 NTU	-37.1 mV	31.39 ft	100.0 ml/min
2/18/2026 5:06 PM	01:30:00	6.455 pH	16.25 °C	118.8 µS/cm	2.358 mg/L	5.54 NTU	-36.6 mV	31.39 ft	100.0 ml/min
2/18/2026 5:11 PM	01:35:00	6.448 pH	16.24 °C	118.2 µS/cm	2.318 mg/L	4.96 NTU	-32.5 mV	31.39 ft	100.0 ml/min

Samples

Sample ID:	Description:
HAM-GWC-28	Grab.

Low-Flow Test Report:

Test Date / Time: 2/20/2026 2:14:25 PM
Project: GP-Plant Hammond
Operator Name: Z. Webb

Location Name: GWC-29 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 31.84 ft** **Total Depth: 41.84 ft** **Initial Depth to Water: 24.66 ft**	**Pump Type: Peristaltic** **Tubing Type: Poly** **Pump Intake From TOC: 36.84 ft** **Estimated Total Volume Pumped: 8.00 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.40 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 883553**

Test Notes:
Six bottles: Full App. III & IV and Metals.

Weather Conditions:
Clear, 76 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/20/2026 2:14 PM	00:00	6.680 pH	17.47 °C	139.2 µS/cm	0.286 mg/L	16.70 NTU	-29.9 mV	24.98 ft	200.0 ml/min
2/20/2026 2:19 PM	05:00	6.675 pH	17.37 °C	138.4 µS/cm	0.443 mg/L	11.30 NTU	-27.7 mV	25.00 ft	200.0 ml/min
2/20/2026 2:24 PM	10:00	6.654 pH	17.30 °C	136.9 µS/cm	0.768 mg/L	9.51 NTU	-27.5 mV	25.02 ft	200.0 ml/min
2/20/2026 2:29 PM	15:00	6.629 pH	17.37 °C	136.3 µS/cm	0.408 mg/L	6.22 NTU	-25.2 mV	25.02 ft	200.0 ml/min
2/20/2026 2:34 PM	20:00	6.623 pH	17.50 °C	136.4 µS/cm	0.337 mg/L	4.34 NTU	-24.7 mV	25.03 ft	200.0 ml/min
2/20/2026 2:39 PM	25:00	6.627 pH	17.63 °C	135.7 µS/cm	0.243 mg/L	4.18 NTU	-24.7 mV	25.04 ft	200.0 ml/min
2/20/2026 2:44 PM	30:00	6.594 pH	17.53 °C	135.4 µS/cm	0.244 mg/L	3.31 NTU	-21.5 mV	25.05 ft	200.0 ml/min
2/20/2026 2:49 PM	35:00	6.587 pH	17.56 °C	135.2 µS/cm	0.310 mg/L	2.40 NTU	-20.5 mV	25.06 ft	200.0 ml/min

Samples

Sample ID:	Description:
HAM-GWC-29	Grab.

Low-Flow Test Report:

Test Date / Time: 2/22/2026 11:42:35 AM
Project: GP-Plant Hammond
Operator Name: Z. Webb

Location Name: GWC-30 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 43.52 ft** **Total Depth: 53.52 ft** **Initial Depth to Water: 10.79 ft**	**Pump Type: Peristaltic** **Tubing Type: Poly** **Pump Intake From TOC: 48.52 ft** **Estimated Total Volume Pumped: 16.00 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.84 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 883553**

Test Notes:
Six bottles: Full App. III & IV and Metals.

Weather Conditions:
Clear, 40 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/22/2026 11:42 AM	00:00	7.054 pH	13.74 °C	219.7 µS/cm	0.269 mg/L	83.50 NTU	-40.1 mV	11.45 ft	200.0 ml/min
2/22/2026 11:47 AM	05:00	7.006 pH	14.04 °C	215.3 µS/cm	0.098 mg/L	72.00 NTU	-49.3 mV	11.49 ft	200.0 ml/min
2/22/2026 11:52 AM	10:00	7.001 pH	14.04 °C	216.0 µS/cm	0.040 mg/L	72.20 NTU	-39.6 mV	11.51 ft	200.0 ml/min
2/22/2026 11:57 AM	15:00	7.008 pH	14.01 °C	217.4 µS/cm	0.019 mg/L	71.70 NTU	-42.8 mV	11.53 ft	200.0 ml/min
2/22/2026 12:02 PM	20:00	7.014 pH	14.10 °C	220.2 µS/cm	0.012 mg/L	72.90 NTU	-49.0 mV	11.54 ft	200.0 ml/min
2/22/2026 12:07 PM	25:00	7.024 pH	14.42 °C	222.0 µS/cm	0.006 mg/L	71.40 NTU	-53.8 mV	11.55 ft	200.0 ml/min
2/22/2026 12:12 PM	30:00	7.040 pH	14.37 °C	222.2 µS/cm	-0.004 mg/L	67.10 NTU	-57.0 mV	11.56 ft	200.0 ml/min
2/22/2026 12:17 PM	35:00	7.048 pH	14.23 °C	224.4 µS/cm	-0.007 mg/L	62.20 NTU	-60.7 mV	11.60 ft	200.0 ml/min
2/22/2026 12:22 PM	40:00	7.059 pH	14.19 °C	226.2 µS/cm	-0.010 mg/L	68.80 NTU	-64.3 mV	11.61 ft	200.0 ml/min
2/22/2026 12:27 PM	45:00	7.057 pH	14.08 °C	226.3 µS/cm	-0.016 mg/L	69.40 NTU	-66.0 mV	11.61 ft	200.0 ml/min
2/22/2026 12:32 PM	50:00	7.072 pH	14.18 °C	228.2 µS/cm	-0.014 mg/L	68.10 NTU	-70.4 mV	11.62 ft	200.0 ml/min
2/22/2026 12:37 PM	55:00	7.076 pH	14.18 °C	228.7 µS/cm	-0.021 mg/L	68.50 NTU	-73.1 mV	11.62 ft	200.0 ml/min
2/22/2026 12:42 PM	01:00:00	7.087 pH	14.48 °C	229.6 µS/cm	-0.025 mg/L	69.10 NTU	-75.9 mV	11.63 ft	200.0 ml/min

Samples

Sample ID:	Description:
HAM-GWC-30	Grab.
HAM-GWC-30 - Filtered	Grab.

Low-Flow Test Report:

Test Date / Time: 2/18/2026 2:32:57 PM
Project: GP-Plant Hammond
Operator Name: A. Ullrich

Location Name: GWC-31 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 33.26 ft** **Total Depth: 43.26 ft** **Initial Depth to Water: 12.48 ft**	**Pump Type: Peristaltic** **Tubing Type: Polyethylene** **Pump Intake From TOC: 38.26 ft** **Estimated Total Volume Pumped: 6.00 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.03 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 883530**

Test Notes:
Six bottles: Full App. III & IV and Metals.

Weather Conditions:
Cloudy, 64 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	
2/18/2026 2:32 PM	00:00	7.250 pH	16.03 °C	442.7 µS/cm	0.146 mg/L	0.360 NTU	-11.4 mV	12.48 ft	200.0 ml/min
2/18/2026 2:37 PM	05:00	7.284 pH	16.02 °C	439.0 µS/cm	0.128 mg/L	0.77 NTU	389.0 mV	12.48 ft	200.0 ml/min
2/18/2026 2:42 PM	10:00	7.279 pH	15.90 °C	441.3 µS/cm	0.135 mg/L	2.05 NTU	278.9 mV	12.49 ft	200.0 ml/min
2/18/2026 2:47 PM	15:00	7.289 pH	15.86 °C	439.9 µS/cm	0.126 mg/L	1.98 NTU	282.2 mV	12.50 ft	200.0 ml/min
2/18/2026 2:52 PM	20:00	7.292 pH	15.85 °C	439.0 µS/cm	0.117 mg/L	0.61 NTU	287.8 mV	12.50 ft	200.0 ml/min
2/18/2026 2:57 PM	25:00	7.293 pH	15.90 °C	437.3 µS/cm	0.111 mg/L	1.06 NTU	291.1 mV	12.51 ft	200.0 ml/min
2/18/2026 3:02 PM	30:00	7.294 pH	16.08 °C	435.1 µS/cm	0.107 mg/L	0.65 NTU	301.5 mV	12.51 ft	200.0 ml/min

Samples

Sample ID:	Description:
HAM-GWC-31	Grab.

Low-Flow Test Report:

Test Date / Time: 2/17/2026 3:41:56 PM
Project: GP-Plant Hammond
Operator Name: Z. Webb

Location Name: GWC-32 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 43.20 ft** **Total Depth: 53.20 ft** **Initial Depth to Water: 23.09 ft**	**Pump Type: Peristaltic** **Tubing Type: Poly** **Pump Intake From TOC: 48.20 ft** **Estimated Total Volume Pumped: 3.50 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 2.51 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 883553**

Test Notes:
Six bottles: Full App. III & IV and Metals.

Weather Conditions:
Clear, 70 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	
2/17/2026 3:41 PM	00:00	7.319 pH	18.70 °C	613.1 µS/cm	1.130 mg/L	5.25 NTU	95.7 mV	24.74 ft	200.0 ml/min
2/17/2026 3:46 PM	05:00	7.318 pH	18.58 °C	611.1 µS/cm	0.358 mg/L	5.18 NTU	77.3 mV	24.95 ft	200.0 ml/min
2/17/2026 3:51 PM	10:00	7.325 pH	18.77 °C	608.4 µS/cm	0.261 mg/L	5.04 NTU	44.4 mV	25.11 ft	200.0 ml/min
2/17/2026 3:56 PM	15:00	7.324 pH	19.13 °C	610.3 µS/cm	0.244 mg/L	4.68 NTU	40.9 mV	25.25 ft	200.0 ml/min
2/17/2026 4:01 PM	20:00	7.325 pH	19.11 °C	613.4 µS/cm	0.225 mg/L	3.50 NTU	38.0 mV	25.32 ft	200.0 ml/min
2/17/2026 4:06 PM	25:00	7.306 pH	18.75 °C	614.2 µS/cm	0.217 mg/L	3.41 NTU	33.9 mV	25.46 ft	200.0 ml/min
2/17/2026 4:11 PM	30:00	7.312 pH	18.48 °C	617.5 µS/cm	0.180 mg/L	3.23 NTU	30.9 mV	25.60 ft	200.0 ml/min

Samples

Sample ID:	Description:
HAM-GWC-32	Grab.

Low-Flow Test Report:

Test Date / Time: 2/19/2026 11:20:15 AM
Project: GP-Plant Hammond
Operator Name: J. Tracy

Location Name: GWC-33 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 37.96 ft** **Total Depth: 47.96 ft** **Initial Depth to Water: 24.02 ft**	**Pump Type: Peristaltic** **Tubing Type: Polyethylene** **Pump Intake From TOC: 42.96 ft** **Estimated Total Volume Pumped: 7.00 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.03 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 883530**

Test Notes:
Six bottles: Full App. III & IV and Metals.

Weather Conditions:
Cloudy, 40 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/19/2026 11:20 AM	00:00	6.965 pH	18.39 °C	572.8 µS/cm	0.184 mg/L	2.46 NTU	-218.3 mV	24.05 ft	200.0 ml/min
2/19/2026 11:25 AM	05:00	6.951 pH	18.35 °C	566.9 µS/cm	0.139 mg/L	2.42 NTU	-84.2 mV	24.05 ft	200.0 ml/min
2/19/2026 11:30 AM	10:00	6.948 pH	18.26 °C	570.3 µS/cm	0.128 mg/L	2.29 NTU	-133.2 mV	24.05 ft	200.0 ml/min
2/19/2026 11:35 AM	15:00	6.961 pH	18.52 °C	569.4 µS/cm	0.116 mg/L	2.32 NTU	-147.4 mV	24.05 ft	200.0 ml/min
2/19/2026 11:40 AM	20:00	6.978 pH	18.44 °C	569.0 µS/cm	0.106 mg/L	2.14 NTU	-157.5 mV	24.05 ft	200.0 ml/min
2/19/2026 11:45 AM	25:00	6.983 pH	18.35 °C	570.5 µS/cm	0.103 mg/L	2.16 NTU	-169.4 mV	24.05 ft	200.0 ml/min
2/19/2026 11:50 AM	30:00	6.983 pH	18.28 °C	569.8 µS/cm	0.095 mg/L	1.45 NTU	-175.2 mV	24.05 ft	200.0 ml/min

Samples

Sample ID:	Description:
HAM-GWC-33	Grab.

Low-Flow Test Report:

Test Date / Time: 2/19/2026 9:35:36 AM
Project: GP-Plant Hammond
Operator Name: J. Tracy

Location Name: GWC-34 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 32.88 ft** **Total Depth: 42.88 ft** **Initial Depth to Water: 6.31 ft**	**Pump Type: Peristaltic** **Tubing Type: Polyethylene** **Pump Intake From TOC: 37.88 ft** **Estimated Total Volume Pumped: 7.00 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.30 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 883530**

Test Notes:
Six bottles: Full App. III & IV and Metals.

Weather Conditions:
Cloudy, 40 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/19/2026 9:35 AM	00:00	6.729 pH	16.42 °C	529.3 µS/cm	0.789 mg/L	5.87 NTU	-189.0 mV	6.55 ft	200.0 ml/min
2/19/2026 9:40 AM	05:00	6.714 pH	16.61 °C	525.7 µS/cm	0.360 mg/L	3.19 NTU	-98.5 mV	6.55 ft	200.0 ml/min
2/19/2026 9:45 AM	10:00	6.704 pH	16.66 °C	523.2 µS/cm	0.444 mg/L	3.17 NTU	7.7 mV	6.55 ft	200.0 ml/min
2/19/2026 9:50 AM	15:00	6.704 pH	16.81 °C	520.1 µS/cm	0.317 mg/L	2.27 NTU	93.3 mV	6.61 ft	200.0 ml/min
2/19/2026 9:55 AM	20:00	6.697 pH	16.68 °C	517.4 µS/cm	0.085 mg/L	2.32 NTU	171.9 mV	6.61 ft	200.0 ml/min
2/19/2026 10:00 AM	25:00	6.691 pH	16.70 °C	514.4 µS/cm	0.081 mg/L	2.32 NTU	206.4 mV	6.61 ft	200.0 ml/min
2/19/2026 10:05 AM	30:00	6.684 pH	16.66 °C	513.6 µS/cm	0.069 mg/L	2.11 NTU	236.8 mV	6.61 ft	200.0 ml/min

Samples

Sample ID:	Description:
HAM-GWC-34	Grab.

Low-Flow Test Report:

Test Date / Time: 2/19/2026 3:51:06 PM
Project: GP-Plant Hammond
Operator Name: J. Tracy

Location Name: GWC-35 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 48.08 ft** **Total Depth: 58.08 ft** **Initial Depth to Water: 22.83 ft**	**Pump Type: Peristaltic** **Tubing Type: Polyethylene** **Pump Intake From TOC: 53.08 ft** **Estimated Total Volume Pumped: 3.50 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 2.62 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 883530**

Test Notes:
Six bottles: Full App. III & IV and Metals.

Weather Conditions:
Cloudy, 40 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/19/2026 3:51 PM	00:00	6.450 pH	20.35 °C	569.2 µS/cm	0.382 mg/L	5.33 NTU	-217.9 mV	24.25 ft	200.0 ml/min
2/19/2026 3:56 PM	05:00	6.438 pH	20.22 °C	566.4 µS/cm	0.292 mg/L	5.37 NTU	-194.8 mV	24.62 ft	200.0 ml/min
2/19/2026 4:01 PM	10:00	6.393 pH	20.31 °C	568.9 µS/cm	0.236 mg/L	2.52 NTU	-181.2 mV	24.83 ft	200.0 ml/min
2/19/2026 4:06 PM	15:00	6.334 pH	20.42 °C	562.7 µS/cm	0.197 mg/L	2.48 NTU	-162.9 mV	25.03 ft	200.0 ml/min
2/19/2026 4:11 PM	20:00	6.302 pH	20.25 °C	563.2 µS/cm	0.191 mg/L	1.71 NTU	-147.1 mV	25.17 ft	200.0 ml/min
2/19/2026 4:16 PM	25:00	6.270 pH	20.40 °C	566.9 µS/cm	0.176 mg/L	3.70 NTU	-135.4 mV	25.32 ft	200.0 ml/min
2/19/2026 4:21 PM	30:00	6.253 pH	20.35 °C	558.1 µS/cm	0.179 mg/L	2.20 NTU	-113.8 mV	25.45 ft	200.0 ml/min

Samples

Sample ID:	Description:
HAM-GWC-35	Grab.
HAM-HLF-F-FD-02	Grab.

Low-Flow Test Report:

Test Date / Time: 2/19/2026 1:01:44 PM
Project: GP-Plant Hammond
Operator Name: J. Tracy

Location Name: GWC-36 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 33.73 ft** **Total Depth: 43.73 ft** **Initial Depth to Water: 15.60 ft**	**Pump Type: Peristaltic** **Tubing Type: Polyethylene** **Pump Intake From TOC: 38.73 ft** **Estimated Total Volume Pumped: 7.00 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.11 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 883530**

Test Notes:
Six bottles: Full App. III & IV and Metals.

Weather Conditions:
Cloudy, 40 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/19/2026 1:01 PM	00:00	6.947 pH	19.42 °C	362.4 µS/cm	0.284 mg/L	7.59 NTU	-249.5 mV	15.71 ft	200.0 ml/min
2/19/2026 1:06 PM	05:00	6.881 pH	19.51 °C	354.4 µS/cm	0.127 mg/L	6.98 NTU	-210.3 mV	15.71 ft	200.0 ml/min
2/19/2026 1:11 PM	10:00	6.849 pH	19.15 °C	352.5 µS/cm	0.090 mg/L	6.20 NTU	-207.8 mV	15.71 ft	200.0 ml/min
2/19/2026 1:16 PM	15:00	6.846 pH	18.86 °C	351.5 µS/cm	0.079 mg/L	5.85 NTU	-207.4 mV	15.71 ft	200.0 ml/min
2/19/2026 1:21 PM	20:00	6.829 pH	19.17 °C	349.2 µS/cm	0.070 mg/L	4.42 NTU	-207.8 mV	15.71 ft	200.0 ml/min
2/19/2026 1:26 PM	25:00	6.812 pH	19.27 °C	348.9 µS/cm	0.065 mg/L	4.21 NTU	-204.5 mV	15.71 ft	200.0 ml/min
2/19/2026 1:31 PM	30:00	6.806 pH	19.24 °C	349.9 µS/cm	0.059 mg/L	3.29 NTU	-195.1 mV	15.71 ft	200.0 ml/min

Samples

Sample ID:	Description:
HAM-GWC-36	Grab.

Low-Flow Test Report:

Test Date / Time: 2/20/2026 12:50:06 PM
Project: GP-Plant Hammond
Operator Name: J. Tracy

Location Name: GWC-37 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 38.17 ft** **Total Depth: 43.17 ft** **Initial Depth to Water: 21.20 ft**	**Pump Type: Peristaltic** **Tubing Type: Polyethylene** **Pump Intake From TOC: 38.17 ft** **Estimated Total Volume Pumped: 7.00 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: Full App. III & IV and Metals.

Weather Conditions:
Clear, 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	
2/20/2026 12:50 PM	00:00	6.821 pH	19.73 °C	346.8 µS/cm	0.122 mg/L	6.92 NTU	-223.3 mV	21.22 ft	200.0 ml/min
2/20/2026 12:55 PM	05:00	6.848 pH	19.75 °C	346.7 µS/cm	0.100 mg/L	3.57 NTU	-192.1 mV	21.25 ft	200.0 ml/min
2/20/2026 1:00 PM	10:00	6.863 pH	19.79 °C	345.5 µS/cm	0.090 mg/L	0.09 NTU	-194.8 mV	21.25 ft	200.0 ml/min
2/20/2026 1:05 PM	15:00	6.866 pH	19.64 °C	345.1 µS/cm	0.083 mg/L	0.05 NTU	-200.2 mV	21.25 ft	200.0 ml/min
2/20/2026 1:10 PM	20:00	6.868 pH	19.69 °C	345.6 µS/cm	0.074 mg/L	0.61 NTU	-204.3 mV	21.25 ft	200.0 ml/min
2/20/2026 1:15 PM	25:00	6.876 pH	19.91 °C	346.2 µS/cm	0.078 mg/L	1.19 NTU	-207.2 mV	21.25 ft	200.0 ml/min
2/20/2026 1:20 PM	30:00	6.887 pH	19.93 °C	345.3 µS/cm	0.072 mg/L	1.10 NTU	-209.7 mV	21.25 ft	200.0 ml/min

Samples

Sample ID:	Description:
HAM-GWC-37	Grab.
HAM-HLF-F-FD-03	Grab.

Low-Flow Test Report:

Test Date / Time: 2/20/2026 3:49:36 PM
Project: GP-Plant Hammond
Operator Name: J. Tracy

Location Name: GWC-38 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 23.30 ft** **Total Depth: 33.30 ft** **Initial Depth to Water: 25.12 ft**	**Pump Type: Peristaltic** **Tubing Type: Polyethylene** **Pump Intake From TOC: 28.30 ft** **Estimated Total Volume Pumped: 9.70 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 0.76 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 883530**

Test Notes:
Six bottles: Full App. III & IV and Metals.

Weather Conditions:
Clear, 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	
2/20/2026 3:49 PM	00:00	6.480 pH	18.82 °C	246.2 µS/cm	4.839 mg/L	2.88 NTU	-31.5 mV	25.44 ft	100.0 ml/min
2/20/2026 3:54 PM	05:00	6.476 pH	19.02 °C	244.9 µS/cm	4.427 mg/L	0.86 NTU	82.7 mV	25.46 ft	100.0 ml/min
2/20/2026 3:59 PM	10:00	6.475 pH	19.27 °C	242.3 µS/cm	3.955 mg/L	0.73 NTU	117.8 mV	25.46 ft	100.0 ml/min
2/20/2026 4:04 PM	15:00	6.476 pH	18.88 °C	241.6 µS/cm	3.417 mg/L	0.42 NTU	237.6 mV	25.48 ft	100.0 ml/min
2/20/2026 4:09 PM	20:00	6.470 pH	18.91 °C	242.2 µS/cm	3.277 mg/L	0.13 NTU	155.0 mV	25.51 ft	100.0 ml/min
2/20/2026 4:14 PM	25:00	6.459 pH	19.11 °C	241.9 µS/cm	3.147 mg/L	0.10 NTU	161.9 mV	25.53 ft	100.0 ml/min
2/20/2026 4:19 PM	30:00	6.448 pH	19.35 °C	241.8 µS/cm	2.981 mg/L	0.16 NTU	173.8 mV	25.55 ft	100.0 ml/min
2/20/2026 4:24 PM	35:00	6.444 pH	19.17 °C	242.4 µS/cm	2.730 mg/L	0.09 NTU	173.1 mV	25.58 ft	100.0 ml/min
2/20/2026 4:29 PM	40:00	6.442 pH	18.94 °C	241.1 µS/cm	2.356 mg/L	0.33 NTU	167.3 mV	25.62 ft	150.0 ml/min
2/20/2026 4:34 PM	45:00	6.439 pH	18.80 °C	242.1 µS/cm	2.616 mg/L	0.56 NTU	172.3 mV	25.70 ft	150.0 ml/min
2/20/2026 4:39 PM	50:00	6.428 pH	18.71 °C	242.3 µS/cm	2.370 mg/L	0.03 NTU	190.7 mV	25.72 ft	150.0 ml/min
2/20/2026 4:44 PM	55:00	6.419 pH	18.71 °C	242.5 µS/cm	1.935 mg/L	0.06 NTU	205.8 mV	25.78 ft	150.0 ml/min
2/20/2026 4:49 PM	01:00:00	6.420 pH	18.71 °C	242.3 µS/cm	1.776 mg/L	0.05 NTU	223.9 mV	25.79 ft	150.0 ml/min

2/20/2026 4:54 PM	01:05:00	6.416 pH	18.71 °C	242.3 µS/cm	1.479 mg/L	0.080 NTU	241.5 mV	25.81 ft	150.0 ml/min
2/20/2026 4:57 PM	01:08:10	6.420 pH	18.74 °C	243.2 µS/cm	1.350 mg/L	0.04 NTU	180.4 mV	25.81 ft	150.0 ml/min
2/20/2026 5:02 PM	01:13:10	6.420 pH	18.75 °C	244.0 µS/cm	1.173 mg/L	0.00 NTU	254.2 mV	25.83 ft	150.0 ml/min
2/20/2026 5:07 PM	01:18:10	6.404 pH	18.66 °C	242.8 µS/cm	1.135 mg/L	0.02 NTU	264.5 mV	25.85 ft	150.0 ml/min
2/20/2026 5:12 PM	01:23:10	6.391 pH	18.60 °C	243.4 µS/cm	1.086 mg/L	0.00 NTU	276.0 mV	25.88 ft	150.0 ml/min

Samples

Sample ID:	Description:
HAM-GWC-38	Grab.

Low-Flow Test Report:

Test Date / Time: 2/17/2026 12:55:25 PM
Project: GP-Plant Hammond
Operator Name: Z. Webb

Location Name: GWC-39 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 37.45 ft** **Total Depth: 27.45 ft** **Initial Depth to Water: 8.39 ft**	**Pump Type: Peristaltic** **Tubing Type: Poly** **Pump Intake From TOC: 22.45 ft** **Estimated Total Volume Pumped: 12.00 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.68 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 883553**

Test Notes:
Six bottles: Full App. III & IV and Metals.

Weather Conditions:
Clear, 65 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	
2/17/2026 12:55 PM	00:00	7.625 pH	17.10 °C	302.1 µS/cm	0.512 mg/L	10.91 NTU	52.6 mV	8.88 ft	200.0 ml/min
2/17/2026 1:00 PM	05:00	7.433 pH	16.63 °C	305.9 µS/cm	0.317 mg/L	8.72 NTU	-37.7 mV	8.92 ft	200.0 ml/min
2/17/2026 1:05 PM	10:00	7.420 pH	16.74 °C	301.6 µS/cm	0.249 mg/L	7.67 NTU	-50.1 mV	8.97 ft	200.0 ml/min
2/17/2026 1:10 PM	15:00	7.374 pH	16.75 °C	294.0 µS/cm	0.227 mg/L	6.79 NTU	-50.8 mV	8.99 ft	200.0 ml/min
2/17/2026 1:15 PM	20:00	7.319 pH	16.72 °C	282.3 µS/cm	0.206 mg/L	5.58 NTU	-49.7 mV	9.01 ft	200.0 ml/min
2/17/2026 1:20 PM	25:00	7.251 pH	16.47 °C	272.3 µS/cm	0.179 mg/L	5.36 NTU	-59.5 mV	9.01 ft	200.0 ml/min
2/17/2026 1:25 PM	30:00	7.222 pH	16.56 °C	271.6 µS/cm	0.161 mg/L	5.10 NTU	-63.2 mV	9.03 ft	200.0 ml/min
2/17/2026 1:30 PM	35:00	7.206 pH	16.87 °C	263.8 µS/cm	0.160 mg/L	4.86 NTU	-61.2 mV	9.04 ft	200.0 ml/min
2/17/2026 1:35 PM	40:00	7.196 pH	16.71 °C	256.9 µS/cm	0.162 mg/L	3.88 NTU	-60.9 mV	9.05 ft	200.0 ml/min
2/17/2026 1:40 PM	45:00	7.169 pH	16.76 °C	260.4 µS/cm	0.146 mg/L	3.37 NTU	-61.2 mV	9.06 ft	200.0 ml/min
2/17/2026 1:45 PM	50:00	7.167 pH	16.87 °C	259.4 µS/cm	0.156 mg/L	3.12 NTU	-62.7 mV	9.06 ft	200.0 ml/min
2/17/2026 1:50 PM	55:00	7.136 pH	17.19 °C	254.2 µS/cm	0.155 mg/L	3.19 NTU	-63.2 mV	9.07 ft	200.0 ml/min

Samples

Sample ID:	Description:
HAM-GWC-39	Grab.

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/21/2026 9:02:51 AM
Project: GP-Plant Hammond
Operator Name: Z. Webb

Location Name: GWC-40 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 42.75 ft** **Total Depth: 52.75 ft** **Initial Depth to Water: 32.04 ft**	**Pump Type: Bladder** **Tubing Type: Poly** **Pump Intake From TOC: 47.75 ft** **Estimated Total Volume Pumped: 40.00 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.06 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 883553**

Test Notes:
Six bottles: Full App. III & IV and Metals.

Weather Conditions:
Cloudy, 53 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/21/2026 9:02 AM	00:00	7.897 pH	16.30 °C	240.4 µS/cm	2.618 mg/L	77.90 NTU	118.3 mV	32.10 ft	200.0 ml/min
2/21/2026 9:07 AM	05:00	7.893 pH	16.43 °C	232.2 µS/cm	3.234 mg/L	76.30 NTU	63.8 mV	32.10 ft	200.0 ml/min
2/21/2026 9:12 AM	10:00	7.911 pH	16.56 °C	227.2 µS/cm	3.739 mg/L	74.90 NTU	54.1 mV	32.10 ft	200.0 ml/min
2/21/2026 9:17 AM	15:00	7.924 pH	16.56 °C	225.7 µS/cm	3.845 mg/L	71.40 NTU	50.8 mV	32.10 ft	200.0 ml/min
2/21/2026 9:22 AM	20:00	7.939 pH	16.52 °C	223.0 µS/cm	3.988 mg/L	69.60 NTU	48.7 mV	32.10 ft	200.0 ml/min
2/21/2026 9:27 AM	25:00	7.947 pH	16.43 °C	223.4 µS/cm	3.896 mg/L	57.20 NTU	47.2 mV	32.10 ft	200.0 ml/min
2/21/2026 9:32 AM	30:00	7.946 pH	16.47 °C	223.6 µS/cm	3.874 mg/L	53.30 NTU	46.0 mV	32.10 ft	200.0 ml/min
2/21/2026 9:37 AM	35:00	7.958 pH	16.60 °C	224.3 µS/cm	3.780 mg/L	45.70 NTU	44.7 mV	32.10 ft	200.0 ml/min
2/21/2026 9:42 AM	40:00	7.954 pH	16.67 °C	224.8 µS/cm	3.749 mg/L	41.20 NTU	44.2 mV	32.10 ft	200.0 ml/min
2/21/2026 9:47 AM	45:00	7.954 pH	16.68 °C	224.5 µS/cm	3.683 mg/L	40.60 NTU	45.3 mV	32.10 ft	200.0 ml/min
2/21/2026 9:52 AM	50:00	7.955 pH	16.68 °C	224.6 µS/cm	3.686 mg/L	38.30 NTU	42.9 mV	32.10 ft	200.0 ml/min
2/21/2026 9:57 AM	55:00	7.954 pH	16.61 °C	224.5 µS/cm	3.683 mg/L	35.20 NTU	42.6 mV	32.10 ft	200.0 ml/min
2/21/2026 10:02 AM	01:00:00	7.955 pH	16.65 °C	224.0 µS/cm	3.687 mg/L	28.80 NTU	41.9 mV	32.10 ft	200.0 ml/min

2/21/2026 10:07 AM	01:05:00	7.955 pH	16.65 °C	223.9 µS/cm	3.705 mg/L	27.90 NTU	41.6 mV	32.10 ft	200.0 ml/min
2/21/2026 10:12 AM	01:10:00	7.945 pH	16.74 °C	223.2 µS/cm	3.767 mg/L	22.00 NTU	41.5 mV	32.10 ft	200.0 ml/min
2/21/2026 10:17 AM	01:15:00	7.949 pH	16.78 °C	223.0 µS/cm	3.775 mg/L	20.80 NTU	41.2 mV	32.10 ft	200.0 ml/min
2/21/2026 10:22 AM	01:20:00	7.954 pH	16.98 °C	222.3 µS/cm	3.880 mg/L	17.30 NTU	40.7 mV	32.10 ft	200.0 ml/min
2/21/2026 10:27 AM	01:25:00	7.949 pH	17.14 °C	221.1 µS/cm	3.969 mg/L	16.10 NTU	41.3 mV	32.10 ft	200.0 ml/min
2/21/2026 10:32 AM	01:30:00	7.946 pH	17.17 °C	220.5 µS/cm	4.039 mg/L	15.70 NTU	41.1 mV	32.10 ft	200.0 ml/min
2/21/2026 10:37 AM	01:35:00	7.935 pH	17.21 °C	220.1 µS/cm	4.070 mg/L	14.50 NTU	41.3 mV	32.10 ft	200.0 ml/min
2/21/2026 10:42 AM	01:40:00	7.932 pH	17.29 °C	219.8 µS/cm	4.117 mg/L	13.30 NTU	41.4 mV	32.10 ft	200.0 ml/min
2/21/2026 10:47 AM	01:45:00	7.928 pH	17.27 °C	219.7 µS/cm	4.155 mg/L	12.80 NTU	41.2 mV	32.10 ft	200.0 ml/min
2/21/2026 10:52 AM	01:50:00	7.926 pH	17.42 °C	219.7 µS/cm	4.141 mg/L	12.20 NTU	41.3 mV	32.10 ft	200.0 ml/min
2/21/2026 10:57 AM	01:55:00	7.923 pH	17.42 °C	219.5 µS/cm	4.182 mg/L	11.50 NTU	41.2 mV	32.10 ft	200.0 ml/min
2/21/2026 11:02 AM	02:00:00	7.933 pH	17.48 °C	219.6 µS/cm	4.183 mg/L	10.42 NTU	40.5 mV	32.10 ft	200.0 ml/min
2/21/2026 11:07 AM	02:05:00	7.929 pH	17.37 °C	219.5 µS/cm	4.174 mg/L	9.89 NTU	40.4 mV	32.10 ft	200.0 ml/min
2/21/2026 11:12 AM	02:10:00	7.936 pH	17.41 °C	219.5 µS/cm	4.196 mg/L	9.25 NTU	39.8 mV	32.10 ft	200.0 ml/min
2/21/2026 11:17 AM	02:15:00	7.936 pH	17.45 °C	219.4 µS/cm	4.235 mg/L	8.73 NTU	39.8 mV	32.10 ft	200.0 ml/min
2/21/2026 11:22 AM	02:20:00	7.935 pH	17.41 °C	219.2 µS/cm	4.248 mg/L	8.46 NTU	39.4 mV	32.10 ft	200.0 ml/min
2/21/2026 11:27 AM	02:25:00	7.930 pH	17.46 °C	219.4 µS/cm	4.246 mg/L	8.33 NTU	39.5 mV	32.10 ft	200.0 ml/min
2/21/2026 11:32 AM	02:30:00	7.929 pH	17.47 °C	219.3 µS/cm	4.274 mg/L	7.72 NTU	39.3 mV	32.10 ft	200.0 ml/min
2/21/2026 11:37 AM	02:35:00	7.932 pH	17.63 °C	219.5 µS/cm	4.286 mg/L	6.95 NTU	39.2 mV	32.10 ft	200.0 ml/min
2/21/2026 11:42 AM	02:40:00	7.930 pH	17.57 °C	219.7 µS/cm	4.259 mg/L	6.61 NTU	39.2 mV	32.10 ft	200.0 ml/min
2/21/2026 11:47 AM	02:45:00	7.925 pH	17.59 °C	219.7 µS/cm	4.249 mg/L	6.12 NTU	39.2 mV	32.10 ft	200.0 ml/min
2/21/2026 11:52 AM	02:50:00	7.921 pH	17.70 °C	220.2 µS/cm	4.249 mg/L	5.84 NTU	39.4 mV	32.10 ft	200.0 ml/min
2/21/2026 11:57 AM	02:55:00	7.926 pH	17.81 °C	220.1 µS/cm	4.277 mg/L	5.63 NTU	38.8 mV	32.10 ft	200.0 ml/min
2/21/2026 12:02 PM	03:00:00	7.923 pH	17.78 °C	219.7 µS/cm	4.267 mg/L	5.29 NTU	38.7 mV	32.10 ft	200.0 ml/min
2/21/2026 12:07 PM	03:05:00	7.911 pH	17.75 °C	220.1 µS/cm	4.263 mg/L	4.91 NTU	38.7 mV	32.10 ft	200.0 ml/min

Samples

Sample ID:	Description:

HAM-GWC-40	Grab.

Low-Flow Test Report:

Test Date / Time: 2/20/2026 10:46:06 AM
Project: GP-Plant Hammond
Operator Name: J. Tracy

Location Name: GWC-41 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 49.86 ft** **Total Depth: 59.86 ft** **Initial Depth to Water: 32.55 ft**	**Pump Type: Peristaltic** **Tubing Type: Polyethylene** **Pump Intake From TOC: 54.86 ft** **Estimated Total Volume Pumped: 7.00 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: 883530**

Test Notes:
Six bottles: Full App. III & IV and Metals.

Weather Conditions:
Clear, 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	
2/20/2026 10:46 AM	00:00	5.777 pH	17.50 °C	58.78 µS/cm	4.849 mg/L	26.90 NTU	156.1 mV	32.72 ft	200.0 ml/min
2/20/2026 10:51 AM	05:00	5.745 pH	17.44 °C	57.87 µS/cm	4.841 mg/L	20.80 NTU	383.4 mV	32.72 ft	200.0 ml/min
2/20/2026 10:56 AM	10:00	5.770 pH	17.41 °C	57.94 µS/cm	4.940 mg/L	13.50 NTU	399.9 mV	32.72 ft	200.0 ml/min
2/20/2026 11:01 AM	15:00	5.774 pH	17.37 °C	58.11 µS/cm	4.978 mg/L	9.25 NTU	526.7 mV	32.72 ft	200.0 ml/min
2/20/2026 11:06 AM	20:00	5.782 pH	17.41 °C	58.35 µS/cm	5.029 mg/L	7.08 NTU	533.1 mV	32.72 ft	200.0 ml/min
2/20/2026 11:11 AM	25:00	5.789 pH	17.42 °C	58.52 µS/cm	5.080 mg/L	6.43 NTU	539.2 mV	32.72 ft	200.0 ml/min
2/20/2026 11:16 AM	30:00	5.807 pH	17.49 °C	58.63 µS/cm	5.180 mg/L	4.77 NTU	544.2 mV	32.72 ft	200.0 ml/min

Samples

Sample ID:	Description:
HAM-GWC-41	Grab.

May 2026

Low-Flow Test Report:

Test Date / Time: 5/1/2026 10:28:04 AM
Project: GP-Plant Hammond (Resample)
Operator Name: Z. Webb

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: 13.65 ft**	**Pump Type: Peristaltic** **Tubing Type: Poly** **Pump Intake From TOC: 52.02 m** **Estimated Total Volume Pumped: 13 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 1.96 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 952637**

Test Notes:
No Sample.

Weather Conditions:
Overcast, 70 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	
5/1/2026 10:28 AM	00:00	6.895 pH	17.41 °C	340.7 µS/cm	3.781 mg/L	4.650 NTU	111.8 mV	13.65 ft	200.0 ml/min
5/1/2026 10:33 AM	05:00	7.350 pH	16.56 °C	344.5 µS/cm	2.666 mg/L	2.380 NTU	55.7 mV	15.29 ft	200.0 ml/min
5/1/2026 10:38 AM	10:00	7.487 pH	16.55 °C	340.9 µS/cm	2.390 mg/L	4.210 NTU	60.5 mV	15.40 ft	200.0 ml/min
5/1/2026 10:43 AM	15:00	7.551 pH	16.57 °C	336.8 µS/cm	1.781 mg/L	2.810 NTU	49.6 mV	15.49 ft	200.0 ml/min
5/1/2026 10:48 AM	20:00	7.593 pH	16.59 °C	330.6 µS/cm	1.109 mg/L	1.280 NTU	26.0 mV	15.54 ft	200.0 ml/min
5/1/2026 10:53 AM	25:00	7.621 pH	16.66 °C	321.5 µS/cm	0.646 mg/L	2.060 NTU	11.7 mV	15.57 ft	200.0 ml/min
5/1/2026 10:58 AM	30:00	7.639 pH	16.70 °C	317.1 µS/cm	0.659 mg/L	1.750 NTU	7.7 mV	15.59 ft	200.0 ml/min
5/1/2026 11:03 AM	35:00	7.655 pH	16.74 °C	310.3 µS/cm	0.602 mg/L	1.320 NTU	7.8 mV	15.60 ft	200.0 ml/min
5/1/2026 11:08 AM	40:00	7.665 pH	16.76 °C	308.5 µS/cm	0.518 mg/L	2.390 NTU	2.7 mV	15.61 ft	200.0 ml/min
5/1/2026 11:13 AM	45:00	7.670 pH	16.75 °C	301.4 µS/cm	0.457 mg/L	2.170 NTU	-2.5 mV	15.61 ft	200.0 ml/min
5/1/2026 11:18 AM	50:00	7.668 pH	16.76 °C	302.5 µS/cm	0.586 mg/L	2.980 NTU	1.8 mV	15.61 ft	200.0 ml/min
5/1/2026 11:23 AM	55:00	7.676 pH	16.79 °C	292.5 µS/cm	0.526 mg/L	1.660 NTU	2.6 mV	15.61 ft	200.0 ml/min
5/1/2026 11:28 AM	01:00:00	7.680 pH	16.83 °C	287.0 µS/cm	0.414 mg/L	2.040 NTU	-6.3 mV	15.61 ft	200.0 ml/min

Samples

Sample ID:	Description:
None	Not applicable, field parameters only.

Low-Flow Test Report:

Test Date / Time: 5/1/2026 9:03:48 AM
Project: GP-PLant Hammond (Resample)
Operator Name: Z. Webb

Location Name: GWC-21 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 8.48 ft** **Total Depth: 18.48 ft** **Initial Depth to Water: 5.35 ft**	**Pump Type: Peristaltic** **Tubing Type: Poly** **Pump Intake From TOC: 13.48 m** **Estimated Total Volume Pumped: 8 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: 952637**

Test Notes:
One bottle: Chloride.

Weather Conditions:
Cloudy, 65 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	
5/1/2026 9:03 AM	00:00	7.372 pH	13.88 °C	337.9 µS/cm	3.766 mg/L	13.30 NTU	176.8 mV	5.350 ft	200.0 ml/min
5/1/2026 9:08 AM	05:00	6.887 pH	14.65 °C	238.4 µS/cm	0.746 mg/L	8.520 NTU	33.2 mV	5.510 ft	200.0 ml/min
5/1/2026 9:13 AM	10:00	6.541 pH	14.74 °C	216.0 µS/cm	0.431 mg/L	4.690 NTU	4.8 mV	5.520 ft	200.0 ml/min
5/1/2026 9:18 AM	15:00	6.432 pH	14.79 °C	208.9 µS/cm	0.253 mg/L	3.150 NTU	-1.5 mV	5.520 ft	200.0 ml/min
5/1/2026 9:23 AM	20:00	6.396 pH	14.84 °C	208.0 µS/cm	0.229 mg/L	1.710 NTU	1.6 mV	5.520 ft	200.0 ml/min
5/1/2026 9:28 AM	25:00	6.384 pH	14.90 °C	212.3 µS/cm	0.219 mg/L	1.630 NTU	1.8 mV	5.520 ft	200.0 ml/min
5/1/2026 9:33 AM	30:00	6.388 pH	14.92 °C	216.3 µS/cm	0.207 mg/L	1.340 NTU	-4.0 mV	5.520 ft	200.0 ml/min
5/1/2026 9:38 AM	35:00	6.398 pH	14.96 °C	219.2 µS/cm	0.197 mg/L	1.470 NTU	-7.1 mV	5.520 ft	200.0 ml/min

Samples

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

Low-Flow Test Report:

Test Date / Time: 5/19/2026 2:58:03 PM
Project: GP-Plant Hammond
Operator Name: A. Ullrich

Location Name: GWC-21A **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 13.36 ft** **Total Depth: 23.36 ft** **Initial Depth to Water: 8.95 ft**	**Pump Type: Peristaltic** **Tubing Type: Poly** **Pump Intake From TOC: 18.36 ft** **Estimated Total Volume Pumped: 4.75 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 0.15 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1265019**

Test Notes:
6 bottles: App. I, III, and IV Permit Metals.

Weather Conditions:
Clear, 89 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	
5/19/2026 2:58 PM	00:00	7.324 pH	19.94 °C	403.4 µS/cm	0.545 mg/L	6.17 NTU	-79.8 mV	8.95 ft	200.0 ml/min
5/19/2026 3:03 PM	05:00	7.370 pH	18.88 °C	404.3 µS/cm	0.414 mg/L	4.21 NTU	-98.7 mV	9.20 ft	200.0 ml/min
5/19/2026 3:08 PM	10:00	7.440 pH	19.17 °C	407.1 µS/cm	0.407 mg/L	2.35 NTU	-99.4 mV	9.14 ft	200.0 ml/min
5/19/2026 3:13 PM	15:00	7.440 pH	19.44 °C	400.6 µS/cm	0.381 mg/L	2.31 NTU	-99.6 mV	9.10 ft	200.0 ml/min
5/19/2026 3:18 PM	20:00	7.464 pH	19.55 °C	397.9 µS/cm	0.378 mg/L	1.97 NTU	-98.9 mV	9.10 ft	200.0 ml/min
5/19/2026 3:23 PM	25:00	7.478 pH	19.16 °C	398.9 µS/cm	0.368 mg/L	2.36 NTU	-99.7 mV	9.10 ft	200.0 ml/min
5/19/2026 3:28 PM	30:00	7.477 pH	19.55 °C	394.0 µS/cm	0.408 mg/L	1.08 NTU	-96.5 mV	9.10 ft	200.0 ml/min

Samples

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

Low-Flow Test Report:

Test Date / Time: 5/19/2026 3:51:07 PM
Project: GP-Plant Hammond
Operator Name: Z. Webb

Location Name: GWC-42 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 12.16 ft** **Total Depth: 22.16 ft** **Initial Depth to Water: 6.97 ft**	**Pump Type: Peristaltic** **Tubing Type: Poly** **Pump Intake From TOC: 17.16 ft** **Estimated Total Volume Pumped: 8.00 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: 1283097**

Test Notes:
6 bottles: App. I, III, and IV Permit Metals.

Weather Conditions:
Clear, 95 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	
5/19/2026 3:51 PM	00:00	6.844 pH	21.42 °C	453.9 µS/cm	0.177 mg/L	6.94 NTU	-93.6 mV	6.97 ft	200.0 ml/min
5/19/2026 3:56 PM	05:00	6.823 pH	21.01 °C	452.6 µS/cm	0.139 mg/L	5.24 NTU	-79.3 mV	7.14 ft	200.0 ml/min
5/19/2026 4:01 PM	10:00	6.799 pH	21.05 °C	453.4 µS/cm	0.117 mg/L	4.86 NTU	-75.6 mV	7.14 ft	200.0 ml/min
5/19/2026 4:06 PM	15:00	6.776 pH	21.07 °C	450.2 µS/cm	0.108 mg/L	5.17 NTU	-71.2 mV	7.14 ft	200.0 ml/min
5/19/2026 4:16 PM	25:38	6.760 pH	20.94 °C	446.1 µS/cm	0.098 mg/L	3.97 NTU	-79.3 mV	7.14 ft	200.0 ml/min
5/19/2026 4:21 PM	30:38	6.757 pH	20.83 °C	446.5 µS/cm	0.101 mg/L	2.08 NTU	-68.8 mV	7.14 ft	200.0 ml/min
5/19/2026 4:26 PM	35:38	6.750 pH	20.71 °C	445.2 µS/cm	0.103 mg/L	1.65 NTU	-65.4 mV	7.14 ft	200.0 ml/min

Samples

Sample ID:	Description:
HAM-GWC-42	Grab.

Low-Flow Test Report:

Test Date / Time: 5/19/2026 11:34:05 AM
Project: GP-Plant Hammond
Operator Name: Z. Webb

Location Name: GWC-43 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 18.47 ft** **Total Depth: 28.47 ft** **Initial Depth to Water: 12.22 ft**	**Pump Type: Peristaltic** **Tubing Type: Poly** **Pump Intake From TOC: 23.47 ft** **Estimated Total Volume Pumped: 7.00 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: 1283097**

Test Notes:
6 bottles: App. I, III, and IV Permit Metals.

Weather Conditions:
Clear, 80 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
5/19/2026 11:34 AM	00:00	7.201 pH	21.32 °C	334.7 µS/cm	0.279 mg/L	4.51 NTU	-83.6 mV	12.22 ft	200.0 ml/min
5/19/2026 11:39 AM	05:00	7.249 pH	17.71 °C	356.0 µS/cm	0.155 mg/L	2.54 NTU	-113.1 mV	12.53 ft	200.0 ml/min
5/19/2026 11:44 AM	10:00	7.256 pH	17.44 °C	351.7 µS/cm	0.124 mg/L	2.23 NTU	-87.1 mV	12.55 ft	200.0 ml/min
5/19/2026 11:49 AM	15:00	7.236 pH	17.42 °C	341.8 µS/cm	0.120 mg/L	1.86 NTU	-113.4 mV	12.57 ft	200.0 ml/min
5/19/2026 11:54 AM	20:00	7.213 pH	17.72 °C	336.1 µS/cm	0.110 mg/L	1.17 NTU	-84.1 mV	12.58 ft	200.0 ml/min
5/19/2026 11:59 AM	25:00	7.183 pH	17.58 °C	325.9 µS/cm	0.104 mg/L	1.67 NTU	-107.0 mV	12.59 ft	200.0 ml/min
5/19/2026 12:04 PM	30:00	7.184 pH	17.45 °C	321.3 µS/cm	0.098 mg/L	1.87 NTU	-78.4 mV	12.59 ft	200.0 ml/min

Samples

Sample ID:	Description:
HAM-GWC-43	Grab.

Low-Flow Test Report:

Test Date / Time: 5/19/2026 1:35:48 PM
Project: GP-Plant Hammond
Operator Name: Z. Webb

Location Name: GWC-44 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 42.97 ft** **Total Depth: 52.97 ft** **Initial Depth to Water: 17.97 ft**	**Pump Type: Peristaltic** **Tubing Type: Poly** **Pump Intake From TOC: 47.97 ft** **Estimated Total Volume Pumped: 9.00 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 1.70 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1283097**

Test Notes:
6 bottles: App. I, III, and IV Permit Metals.

Weather Conditions:
Clear, 95 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	
5/19/2026 1:35 PM	00:00	7.220 pH	21.69 °C	656.9 µS/cm	0.476 mg/L	14.20 NTU	-85.3 mV	17.97 ft	200.0 ml/min
5/19/2026 1:40 PM	05:00	7.263 pH	21.55 °C	642.2 µS/cm	1.222 mg/L	13.00 NTU	-88.7 mV	19.23 ft	200.0 ml/min
5/19/2026 1:45 PM	10:00	7.208 pH	21.44 °C	645.5 µS/cm	0.711 mg/L	18.30 NTU	-66.0 mV	19.58 ft	200.0 ml/min
5/19/2026 1:50 PM	15:00	7.191 pH	21.55 °C	636.0 µS/cm	0.488 mg/L	5.53 NTU	-67.3 mV	19.62 ft	200.0 ml/min
5/19/2026 1:55 PM	20:00	7.184 pH	21.23 °C	650.8 µS/cm	0.335 mg/L	4.00 NTU	-67.4 mV	19.64 ft	200.0 ml/min
5/19/2026 2:00 PM	25:00	7.178 pH	21.12 °C	654.7 µS/cm	0.264 mg/L	3.38 NTU	-96.7 mV	19.65 ft	200.0 ml/min
5/19/2026 2:05 PM	30:00	7.186 pH	20.78 °C	669.9 µS/cm	0.226 mg/L	2.85 NTU	-98.1 mV	19.66 ft	200.0 ml/min
5/19/2026 2:10 PM	35:00	7.179 pH	21.06 °C	683.8 µS/cm	0.210 mg/L	2.48 NTU	-68.4 mV	19.67 ft	200.0 ml/min
5/19/2026 2:15 PM	40:00	7.186 pH	21.10 °C	685.2 µS/cm	0.183 mg/L	2.16 NTU	-68.9 mV	19.67 ft	200.0 ml/min

Samples

Sample ID:	Description:
HAM-GWC-44	Grab.

Low-Flow Test Report:

Test Date / Time: 5/18/2026 1:25:36 PM
Project: GP-Plant Hammond
Operator Name: Z. Webb

Location Name: GWA-24 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 38.42 ft** **Total Depth: 48.42 ft** **Initial Depth to Water: 35.88 ft**	**Pump Type: Bladder** **Tubing Type: Poly** **Pump Intake From TOC: 43.42 ft** **Estimated Total Volume Pumped: 9.00 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 3.21 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1283097**

Test Notes:
6 bottles: App. I, III, and IV Permit Metals.

Weather Conditions:
Clear, 80 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
5/18/2026 1:25 PM	00:00	5.782 pH	28.31 °C	52.97 µS/cm	1.450 mg/L	19.60 NTU	118.1 mV	35.88 ft	100.0 ml/min
5/18/2026 1:30 PM	05:00	5.787 pH	28.35 °C	52.03 µS/cm	1.977 mg/L	23.70 NTU	143.5 mV	36.77 ft	100.0 ml/min
5/18/2026 1:35 PM	10:00	5.804 pH	28.25 °C	50.95 µS/cm	2.502 mg/L	34.20 NTU	149.1 mV	37.61 ft	100.0 ml/min
5/18/2026 1:40 PM	15:00	5.810 pH	27.63 °C	51.14 µS/cm	2.849 mg/L	20.60 NTU	157.5 mV	37.92 ft	100.0 ml/min
5/18/2026 1:45 PM	20:00	5.810 pH	28.19 °C	50.65 µS/cm	3.085 mg/L	21.80 NTU	157.1 mV	38.17 ft	100.0 ml/min
5/18/2026 1:50 PM	25:00	5.807 pH	28.86 °C	50.38 µS/cm	3.218 mg/L	17.20 NTU	157.5 mV	38.36 ft	100.0 ml/min
5/18/2026 1:55 PM	30:00	5.829 pH	28.54 °C	49.99 µS/cm	3.319 mg/L	13.90 NTU	156.3 mV	38.50 ft	100.0 ml/min
5/18/2026 2:00 PM	35:00	5.839 pH	28.91 °C	49.68 µS/cm	3.359 mg/L	11.40 NTU	156.6 mV	38.71 ft	100.0 ml/min
5/18/2026 2:05 PM	40:00	5.853 pH	27.29 °C	49.22 µS/cm	3.526 mg/L	9.86 NTU	157.1 mV	38.88 ft	100.0 ml/min
5/18/2026 2:10 PM	45:00	5.863 pH	27.39 °C	49.41 µS/cm	3.581 mg/L	8.47 NTU	122.6 mV	38.91 ft	100.0 ml/min
5/18/2026 2:15 PM	50:00	5.878 pH	28.56 °C	49.26 µS/cm	3.553 mg/L	9.07 NTU	149.3 mV	38.91 ft	100.0 ml/min
5/18/2026 2:20 PM	55:00	5.894 pH	27.36 °C	48.77 µS/cm	3.695 mg/L	8.39 NTU	152.6 mV	38.92 ft	100.0 ml/min
5/18/2026 2:25 PM	01:00:00	5.909 pH	27.06 °C	48.25 µS/cm	3.771 mg/L	7.85 NTU	153.3 mV	38.93 ft	100.0 ml/min

5/18/2026 2:30 PM	01:05:00	5.905 pH	26.62 °C	48.58 µS/cm	3.886 mg/L	7.49 NTU	153.0 mV	38.96 ft	100.0 ml/min
5/18/2026 2:35 PM	01:10:00	5.920 pH	27.70 °C	48.31 µS/cm	3.827 mg/L	6.75 NTU	152.6 mV	39.00 ft	100.0 ml/min
5/18/2026 2:40 PM	01:15:00	5.929 pH	25.83 °C	47.96 µS/cm	3.994 mg/L	6.10 NTU	153.0 mV	39.03 ft	100.0 ml/min
5/18/2026 2:45 PM	01:20:00	5.935 pH	26.78 °C	47.52 µS/cm	3.948 mg/L	5.46 NTU	151.2 mV	39.07 ft	100.0 ml/min
5/18/2026 2:50 PM	01:25:00	5.940 pH	25.77 °C	47.58 µS/cm	4.005 mg/L	4.71 NTU	151.3 mV	39.09 ft	100.0 ml/min

Samples

Sample ID:	Description:
HAM-GWA-24	Grab.

Low-Flow Test Report:

Test Date / Time: 5/18/2026 4:40:27 PM
Project: GP-Plant Hammond
Operator Name: Z. Webb

Location Name: GWA-25 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 38.02 ft** **Total Depth: 48.02 ft** **Initial Depth to Water: 30.94 ft**	**Pump Type: Bladder** **Tubing Type: Poly** **Pump Intake From TOC: 43.02 ft** **Estimated Total Volume Pumped: 14.00 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 1.17 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1283097**

Test Notes:
6 bottles: App. I, III, and IV Permit Metals.

Weather Conditions:
Clear, 80 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
5/18/2026 4:40 PM	00:00	5.312 pH	21.06 °C	41.61 µS/cm	4.162 mg/L	20.50 NTU	108.1 mV	30.94 ft	200.0 ml/min
5/18/2026 4:45 PM	05:00	5.286 pH	20.17 °C	36.38 µS/cm	4.829 mg/L	15.60 NTU	134.0 mV	31.91 ft	200.0 ml/min
5/18/2026 4:50 PM	10:00	5.262 pH	20.54 °C	32.77 µS/cm	5.048 mg/L	13.50 NTU	137.3 mV	31.98 ft	200.0 ml/min
5/18/2026 4:55 PM	15:00	5.247 pH	20.84 °C	32.98 µS/cm	4.963 mg/L	11.40 NTU	138.1 mV	32.01 ft	200.0 ml/min
5/18/2026 5:00 PM	20:00	5.251 pH	20.66 °C	32.02 µS/cm	5.218 mg/L	9.73 NTU	136.8 mV	32.04 ft	200.0 ml/min
5/18/2026 5:05 PM	25:00	5.261 pH	20.65 °C	31.68 µS/cm	5.319 mg/L	8.90 NTU	136.7 mV	32.07 ft	200.0 ml/min
5/18/2026 5:10 PM	30:00	5.274 pH	20.57 °C	31.68 µS/cm	5.434 mg/L	7.14 NTU	136.7 mV	32.09 ft	200.0 ml/min
5/18/2026 5:15 PM	35:00	5.262 pH	19.91 °C	30.98 µS/cm	5.686 mg/L	6.72 NTU	137.0 mV	32.10 ft	200.0 ml/min
5/18/2026 5:20 PM	40:00	5.265 pH	20.12 °C	30.25 µS/cm	5.722 mg/L	7.21 NTU	173.1 mV	32.10 ft	200.0 ml/min
5/18/2026 5:25 PM	45:00	5.272 pH	20.30 °C	29.98 µS/cm	5.742 mg/L	6.59 NTU	178.5 mV	32.11 ft	200.0 ml/min
5/18/2026 5:30 PM	50:00	5.264 pH	20.30 °C	29.31 µS/cm	5.756 mg/L	5.95 NTU	143.2 mV	32.11 ft	200.0 ml/min
5/18/2026 5:35 PM	55:00	5.270 pH	20.31 °C	29.04 µS/cm	5.806 mg/L	5.19 NTU	173.0 mV	32.11 ft	200.0 ml/min
5/18/2026 5:40 PM	01:00:00	5.236 pH	20.37 °C	29.02 µS/cm	5.830 mg/L	5.07 NTU	180.3 mV	32.11 ft	200.0 ml/min

5/18/2026 5:45 PM	01:05:00	5.253 pH	20.35 °C	29.00 µS/cm	5.905 mg/L	4.57 NTU	182.2 mV	32.11 ft	200.0 ml/min

Samples

Sample ID:	Description:
HAM-GWA-25	Grab.

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 5/18/2026 1:55:08 PM
Project: GP-Plant Hammond
Operator Name: A. Ullrich

Location Name: GWA-26 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 29.14 ft** **Total Depth: 39.14 ft** **Initial Depth to Water: 20.29 ft**	**Pump Type: Peristaltic** **Tubing Type: Poly** **Pump Intake From TOC: 34.14 ft** **Estimated Total Volume Pumped: 37.75 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: -0.14 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1265019**

Test Notes:
6 bottles: App. I, III, and IV Permit Metals.

Weather Conditions:
Clear, 87 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	
5/18/2026 1:55 PM	00:00	6.256 pH	22.65 °C	117.8 µS/cm	0.654 mg/L	49.40 NTU	-37.7 mV	20.29 ft	200.0 ml/min
5/18/2026 2:00 PM	05:00	6.334 pH	22.01 °C	129.4 µS/cm	0.321 mg/L	38.30 NTU	-43.4 mV	20.19 ft	200.0 ml/min
5/18/2026 2:05 PM	10:00	6.344 pH	21.39 °C	127.5 µS/cm	0.220 mg/L	31.20 NTU	-48.4 mV	20.19 ft	200.0 ml/min
5/18/2026 2:10 PM	15:00	6.374 pH	21.99 °C	125.0 µS/cm	0.201 mg/L	28.80 NTU	-54.2 mV	20.20 ft	200.0 ml/min
5/18/2026 2:15 PM	20:00	6.398 pH	22.26 °C	137.0 µS/cm	0.182 mg/L	26.40 NTU	-51.8 mV	20.20 ft	200.0 ml/min
5/18/2026 2:20 PM	25:00	6.420 pH	21.72 °C	138.7 µS/cm	0.167 mg/L	30.10 NTU	-59.1 mV	20.20 ft	200.0 ml/min
5/18/2026 2:25 PM	30:00	6.414 pH	21.39 °C	138.0 µS/cm	0.171 mg/L	29.50 NTU	-50.6 mV	20.20 ft	200.0 ml/min
5/18/2026 2:30 PM	35:00	6.457 pH	21.10 °C	142.3 µS/cm	0.206 mg/L	28.10 NTU	-45.5 mV	20.20 ft	200.0 ml/min
5/18/2026 2:35 PM	40:00	6.466 pH	21.95 °C	143.4 µS/cm	0.332 mg/L	27.10 NTU	-40.1 mV	20.20 ft	200.0 ml/min
5/18/2026 2:40 PM	45:00	6.502 pH	21.23 °C	145.8 µS/cm	0.231 mg/L	24.80 NTU	-46.9 mV	20.20 ft	200.0 ml/min
5/18/2026 2:45 PM	50:00	6.499 pH	21.73 °C	146.5 µS/cm	0.224 mg/L	22.50 NTU	-47.1 mV	20.20 ft	200.0 ml/min
5/18/2026 2:50 PM	55:00	6.509 pH	21.64 °C	144.9 µS/cm	0.219 mg/L	22.00 NTU	-51.7 mV	20.20 ft	200.0 ml/min
5/18/2026 2:55 PM	01:00:00	6.512 pH	21.94 °C	146.2 µS/cm	0.219 mg/L	22.70 NTU	-50.6 mV	20.20 ft	200.0 ml/min

5/18/2026 3:00 PM	01:05:00	6.517 pH	22.18 °C	147.5 µS/cm	0.214 mg/L	21.00 NTU	-55.8 mV	20.20 ft	200.0 ml/min
5/18/2026 3:05 PM	01:10:00	6.523 pH	22.67 °C	144.8 µS/cm	0.213 mg/L	20.10 NTU	-52.7 mV	20.20 ft	150.0 ml/min
5/18/2026 3:10 PM	01:15:00	6.546 pH	22.47 °C	147.7 µS/cm	0.219 mg/L	18.70 NTU	-58.9 mV	20.20 ft	150.0 ml/min
5/18/2026 3:15 PM	01:20:00	6.551 pH	22.43 °C	146.0 µS/cm	0.242 mg/L	19.20 NTU	-62.4 mV	20.20 ft	150.0 ml/min
5/18/2026 3:20 PM	01:25:00	6.566 pH	22.98 °C	148.1 µS/cm	0.233 mg/L	19.00 NTU	-64.3 mV	20.20 ft	150.0 ml/min
5/18/2026 3:25 PM	01:30:00	6.568 pH	23.25 °C	150.2 µS/cm	0.242 mg/L	17.20 NTU	-59.7 mV	20.20 ft	150.0 ml/min
5/18/2026 3:30 PM	01:35:00	6.567 pH	23.26 °C	149.7 µS/cm	0.226 mg/L	17.40 NTU	-56.8 mV	20.20 ft	150.0 ml/min
5/18/2026 3:35 PM	01:40:00	6.555 pH	23.56 °C	146.1 µS/cm	0.188 mg/L	17.00 NTU	-58.4 mV	20.21 ft	150.0 ml/min
5/18/2026 3:40 PM	01:45:00	6.575 pH	23.43 °C	147.1 µS/cm	0.189 mg/L	16.00 NTU	-60.5 mV	20.21 ft	150.0 ml/min
5/18/2026 3:45 PM	01:50:00	6.598 pH	23.07 °C	149.6 µS/cm	0.216 mg/L	14.50 NTU	-62.6 mV	20.18 ft	150.0 ml/min
5/18/2026 3:50 PM	01:55:00	6.575 pH	22.72 °C	146.0 µS/cm	0.219 mg/L	15.10 NTU	-58.2 mV	20.18 ft	150.0 ml/min
5/18/2026 3:55 PM	02:00:00	6.579 pH	22.71 °C	147.9 µS/cm	0.221 mg/L	15.10 NTU	-57.3 mV	20.18 ft	150.0 ml/min
5/18/2026 4:00 PM	02:05:00	6.599 pH	23.59 °C	148.8 µS/cm	0.222 mg/L	13.40 NTU	-62.7 mV	20.18 ft	150.0 ml/min
5/18/2026 4:05 PM	02:10:00	6.594 pH	23.79 °C	145.6 µS/cm	0.214 mg/L	13.00 NTU	-62.0 mV	20.18 ft	150.0 ml/min
5/18/2026 4:10 PM	02:15:00	6.591 pH	24.10 °C	145.4 µS/cm	0.222 mg/L	14.10 NTU	-59.5 mV	20.16 ft	150.0 ml/min
5/18/2026 4:15 PM	02:20:00	6.573 pH	24.39 °C	143.0 µS/cm	0.217 mg/L	14.20 NTU	-58.1 mV	20.16 ft	150.0 ml/min
5/18/2026 4:20 PM	02:25:00	6.580 pH	24.62 °C	144.2 µS/cm	0.228 mg/L	13.50 NTU	-58.2 mV	20.16 ft	100.0 ml/min
5/18/2026 4:25 PM	02:30:00	6.598 pH	24.84 °C	146.2 µS/cm	0.225 mg/L	12.30 NTU	-62.5 mV	20.16 ft	100.0 ml/min
5/18/2026 4:30 PM	02:35:00	6.628 pH	24.87 °C	145.5 µS/cm	0.224 mg/L	11.50 NTU	-64.6 mV	20.16 ft	100.0 ml/min
5/18/2026 4:35 PM	02:40:00	6.603 pH	23.61 °C	145.6 µS/cm	0.217 mg/L	12.00 NTU	-58.4 mV	20.16 ft	100.0 ml/min
5/18/2026 4:40 PM	02:45:00	6.610 pH	22.68 °C	146.6 µS/cm	0.222 mg/L	10.70 NTU	-56.8 mV	20.16 ft	100.0 ml/min
5/18/2026 4:45 PM	02:50:00	6.610 pH	22.59 °C	146.3 µS/cm	0.222 mg/L	10.40 NTU	-56.5 mV	20.15 ft	100.0 ml/min
5/18/2026 4:50 PM	02:55:00	6.634 pH	23.03 °C	146.4 µS/cm	0.228 mg/L	9.82 NTU	-60.9 mV	20.15 ft	100.0 ml/min
5/18/2026 4:55 PM	03:00:00	6.654 pH	24.04 °C	150.4 µS/cm	0.224 mg/L	9.84 NTU	-62.5 mV	20.15 ft	100.0 ml/min
5/18/2026 5:00 PM	03:05:00	6.641 pH	24.51 °C	148.1 µS/cm	0.224 mg/L	9.03 NTU	-62.6 mV	20.15 ft	100.0 ml/min
5/18/2026 5:05 PM	03:10:00	6.627 pH	24.70 °C	148.7 µS/cm	0.221 mg/L	9.05 NTU	-62.6 mV	20.15 ft	100.0 ml/min
5/18/2026 5:10 PM	03:15:00	6.619 pH	24.80 °C	147.3 µS/cm	0.249 mg/L	8.54 NTU	-59.3 mV	20.14 ft	100.0 ml/min
5/18/2026 5:15 PM	03:20:00	6.591 pH	23.69 °C	145.7 µS/cm	0.244 mg/L	9.83 NTU	-53.6 mV	20.14 ft	100.0 ml/min
5/18/2026 5:20 PM	03:25:00	6.595 pH	23.34 °C	146.0 µS/cm	0.247 mg/L	9.74 NTU	-52.6 mV	20.14 ft	100.0 ml/min

5/18/2026 5:25 PM	03:30:00	6.600 pH	23.61 °C	147.3 µS/cm	0.247 mg/L	9.83 NTU	-51.8 mV	20.14 ft	100.0 ml/min
5/18/2026 5:30 PM	03:35:00	6.621 pH	23.71 °C	148.5 µS/cm	0.241 mg/L	8.20 NTU	-56.6 mV	20.14 ft	100.0 ml/min
5/18/2026 5:35 PM	03:40:00	6.611 pH	23.74 °C	145.9 µS/cm	0.238 mg/L	8.15 NTU	-57.0 mV	20.14 ft	100.0 ml/min
5/18/2026 5:40 PM	03:45:00	6.603 pH	23.88 °C	145.0 µS/cm	0.238 mg/L	7.94 NTU	-52.3 mV	20.14 ft	100.0 ml/min
5/18/2026 5:45 PM	03:50:00	6.643 pH	23.95 °C	147.4 µS/cm	0.234 mg/L	7.89 NTU	-57.3 mV	20.14 ft	100.0 ml/min
5/18/2026 5:50 PM	03:55:00	6.640 pH	23.83 °C	148.2 µS/cm	0.234 mg/L	7.50 NTU	-57.4 mV	20.14 ft	100.0 ml/min
5/18/2026 5:55 PM	04:00:00	6.657 pH	24.15 °C	150.8 µS/cm	0.230 mg/L	6.77 NTU	-58.7 mV	20.14 ft	100.0 ml/min
5/18/2026 6:00 PM	04:05:00	6.643 pH	23.89 °C	150.1 µS/cm	0.226 mg/L	6.04 NTU	-57.1 mV	20.14 ft	100.0 ml/min
5/18/2026 6:05 PM	04:10:00	6.648 pH	23.98 °C	149.7 µS/cm	0.186 mg/L	5.69 NTU	-60.0 mV	20.15 ft	100.0 ml/min
5/18/2026 6:10 PM	04:15:00	6.628 pH	23.97 °C	147.1 µS/cm	0.188 mg/L	5.24 NTU	-54.2 mV	20.15 ft	100.0 ml/min
5/18/2026 6:15 PM	04:20:00	6.639 pH	23.45 °C	150.2 µS/cm	0.187 mg/L	4.26 NTU	-54.3 mV	20.15 ft	100.0 ml/min
5/18/2026 6:20 PM	04:25:00	6.658 pH	23.43 °C	148.9 µS/cm	0.175 mg/L	4.85 NTU	-54.4 mV	20.15 ft	100.0 ml/min
5/18/2026 6:25 PM	04:30:00	6.655 pH	23.51 °C	149.7 µS/cm	0.179 mg/L	4.16 NTU	-56.8 mV	20.15 ft	100.0 ml/min

Samples

Sample ID:	Description:
HAM-GWA-26	Grab.

Low-Flow Test Report:

Test Date / Time: 5/19/2026 9:22:30 AM
Project: GP-Plant Hammond
Operator Name: Z. Webb

Location Name: GWA-27 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 28.17 ft** **Total Depth: 38.17 ft** **Initial Depth to Water: 24.28 ft**	**Pump Type: Peristaltic** **Tubing Type: Poly** **Pump Intake From TOC: 33.17 ft** **Estimated Total Volume Pumped: 10.00 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 3.95 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1283097**

Test Notes:
6 bottles: App. I, III, and IV Permit Metals.

Weather Conditions:
Clear, 75 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
5/19/2026 9:22 AM	00:00	6.000 pH	19.91 °C	64.04 µS/cm	1.288 mg/L	2.78 NTU	152.2 mV	24.28 ft	200.0 ml/min
5/19/2026 9:27 AM	05:00	5.984 pH	19.41 °C	61.38 µS/cm	1.248 mg/L	2.14 NTU	174.2 mV	25.12 ft	200.0 ml/min
5/19/2026 9:32 AM	10:00	5.980 pH	19.42 °C	61.29 µS/cm	1.086 mg/L	1.83 NTU	168.0 mV	26.09 ft	200.0 ml/min
5/19/2026 9:37 AM	15:00	5.986 pH	19.75 °C	60.71 µS/cm	1.056 mg/L	1.76 NTU	163.0 mV	26.92 ft	200.0 ml/min
5/19/2026 9:42 AM	20:00	5.974 pH	19.75 °C	59.42 µS/cm	0.974 mg/L	1.91 NTU	159.9 mV	27.32 ft	200.0 ml/min
5/19/2026 9:47 AM	25:00	5.950 pH	19.70 °C	57.46 µS/cm	0.904 mg/L	1.43 NTU	158.7 mV	27.60 ft	200.0 ml/min
5/19/2026 9:52 AM	30:00	5.923 pH	19.86 °C	56.88 µS/cm	0.898 mg/L	0.95 NTU	157.0 mV	27.81 ft	200.0 ml/min
5/19/2026 9:57 AM	35:00	5.967 pH	19.96 °C	57.29 µS/cm	0.879 mg/L	1.82 NTU	153.3 mV	27.99 ft	200.0 ml/min
5/19/2026 10:02 AM	40:00	5.984 pH	20.16 °C	56.20 µS/cm	0.834 mg/L	1.45 NTU	151.4 mV	28.16 ft	200.0 ml/min
5/19/2026 10:07 AM	45:00	5.921 pH	20.28 °C	55.05 µS/cm	0.697 mg/L	1.02 NTU	152.8 mV	28.23 ft	200.0 ml/min

Samples

Sample ID:	Description:

HAM-GWA-27	Grab.

Low-Flow Test Report:

Test Date / Time: 5/21/2026 9:36:53 AM
Project: GP-Plant Hammond
Operator Name: Z. Webb

Location Name: GWC-28 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 51.30 ft** **Total Depth: 61.30 ft** **Initial Depth to Water: 30.04 ft**	**Pump Type: Bladder** **Tubing Type: Poly** **Pump Intake From TOC: 56.30 ft** **Estimated Total Volume Pumped: 21.25 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 2.92 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1283097**

Test Notes:
6 bottles: App. I, III, and IV Permit Metals.

Weather Conditions:
Rain, 70 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	
5/21/2026 9:37 AM	00:00	6.469 pH	19.00 °C	117.5 µS/cm	6.175 mg/L	39.70 NTU	-27.2 mV	30.04 ft	100.0 ml/min
5/21/2026 9:42 AM	05:00	6.500 pH	18.96 °C	117.5 µS/cm	6.414 mg/L	34.10 NTU	-31.5 mV	31.64 ft	100.0 ml/min
5/21/2026 9:47 AM	10:00	6.520 pH	18.88 °C	118.1 µS/cm	6.801 mg/L	29.40 NTU	-33.1 mV	31.85 ft	100.0 ml/min
5/21/2026 9:52 AM	15:00	6.531 pH	18.74 °C	118.1 µS/cm	6.842 mg/L	26.90 NTU	-33.1 mV	31.97 ft	100.0 ml/min
5/21/2026 9:57 AM	20:00	6.541 pH	18.82 °C	116.9 µS/cm	7.180 mg/L	25.20 NTU	-32.8 mV	32.05 ft	100.0 ml/min
5/21/2026 10:02 AM	25:00	6.534 pH	18.96 °C	115.9 µS/cm	7.156 mg/L	22.90 NTU	-31.5 mV	32.10 ft	100.0 ml/min
5/21/2026 10:07 AM	30:00	6.526 pH	18.99 °C	114.7 µS/cm	7.041 mg/L	20.10 NTU	-30.2 mV	32.17 ft	100.0 ml/min
5/21/2026 10:12 AM	35:00	6.511 pH	18.97 °C	113.4 µS/cm	7.002 mg/L	18.10 NTU	-28.6 mV	32.20 ft	100.0 ml/min
5/21/2026 10:17 AM	40:00	6.518 pH	19.26 °C	113.3 µS/cm	6.706 mg/L	17.00 NTU	-28.6 mV	32.21 ft	100.0 ml/min
5/21/2026 10:22 AM	45:00	6.527 pH	19.13 °C	112.1 µS/cm	6.218 mg/L	15.50 NTU	-27.5 mV	32.22 ft	100.0 ml/min
5/21/2026 10:27 AM	50:00	6.497 pH	19.30 °C	112.3 µS/cm	5.754 mg/L	13.80 NTU	-28.1 mV	32.21 ft	100.0 ml/min
5/21/2026 10:32 AM	55:00	6.512 pH	19.14 °C	112.1 µS/cm	5.250 mg/L	12.20 NTU	-28.6 mV	32.21 ft	150.0 ml/min
5/21/2026 10:37AM	01:00:00	6.503 pH	19.41 °C	113.7 µS/cm	4.740 mg/L	11.30 NTU	-30.5 mV	32.11 ft	150.0 ml/min

5/21/2026 10:42 AM	01:05:00	6.512 pH	19.45 °C	112.6 µS/cm	4.192 mg/L	10.70 NTU	-31.0 mV	32.09 ft	150.0 ml/min
5/21/2026 10:47 AM	01:10:00	6.514 pH	19.46 °C	112.7 µS/cm	3.696 mg/L	10.50 NTU	-31.0 mV	32.06 ft	150.0 ml/min
5/21/2026 10:52 AM	01:15:00	6.516 pH	19.90 °C	112.9 µS/cm	3.339 mg/L	9.81 NTU	-32.9 mV	32.12 ft	150.0 ml/min
5/21/2026 10:57 AM	01:20:00	6.507 pH	20.48 °C	114.8 µS/cm	2.984 mg/L	9.37 NTU	-35.5 mV	32.16 ft	150.0 ml/min
5/21/2026 11:02 AM	01:25:00	6.517 pH	20.25 °C	113.4 µS/cm	2.640 mg/L	8.23 NTU	-35.1 mV	32.21 ft	150.0 ml/min
5/21/2026 11:07 AM	01:30:00	6.521 pH	20.48 °C	114.0 µS/cm	2.440 mg/L	10.40 NTU	-36.1 mV	32.25 ft	150.0 ml/min
5/21/2026 11:12 AM	01:35:00	6.508 pH	18.87 °C	111.5 µS/cm	2.304 mg/L	10.70 NTU	-33.2 mV	32.38 ft	150.0 ml/min
5/21/2026 11:17AM	01:40:00	6.486 pH	18.79 °C	111.7 µS/cm	2.034 mg/L	9.78 NTU	-32.1 mV	32.59 ft	150.0 ml/min
5/21/2026 11:22 AM	01:45:00	6.503 pH	18.80 °C	111.3 µS/cm	2.072 mg/L	9.29 NTU	-32.4 mV	32.77 ft	150.0 ml/min
5/21/2026 11:27 AM	01:50:00	6.503 pH	18.98 °C	110.5 µS/cm	2.239 mg/L	8.94 NTU	-31.8 mV	32.93 ft	150.0 ml/min
5/21/2026 11:32 AM	01:55:00	6.510 pH	19.24 °C	111.9 µS/cm	2.050 mg/L	7.33 NTU	-34.1 mV	33.04 ft	150.0 ml/min
5/21/2026 11:37 AM	02:00:00	6.508 pH	19.64 °C	112.8 µS/cm	1.796 mg/L	6.63 NTU	-36.2 mV	32.98 ft	150.0 ml/min
5/21/2026 11:42 AM	02:05:00	6.516 pH	19.76 °C	114.1 µS/cm	1.596 mg/L	6.11 NTU	-38.0 mV	32.98 ft	150.0 ml/min
5/21/2026 11:47 AM	02:10:00	6.518 pH	19.81 °C	114.2 µS/cm	1.446 mg/L	5.79 NTU	-38.9 mV	32.99 ft	150.0 ml/min
5/21/2026 11:52 AM	02:15:00	6.517 pH	19.89 °C	113.8 µS/cm	1.271 mg/L	5.69 NTU	-39.5 mV	32.96 ft	150.0 ml/min
5/21/2026 11:57 AM	02:20:00	6.516 pH	20.19 °C	115.0 µS/cm	1.135 mg/L	5.10 NTU	-41.1 mV	32.96 ft	150.0 ml/min
5/21/2026 12:02 PM	02:25:00	6.510 pH	20.08 °C	114.1 µS/cm	1.092 mg/L	5.23 NTU	-40.2 mV	32.95 ft	150.0 ml/min
5/21/2026 12:07 PM	02:30:00	6.506 pH	20.24 °C	114.2 µS/cm	1.005 mg/L	4.93 NTU	-41.5 mV	32.96 ft	150.0 ml/min
5/21/2026 12:12 PM	02:35:00	6.509 pH	20.20 °C	113.2 µS/cm	0.963 mg/L	4.77 NTU	-40.8 mV	32.96 ft	150.0 ml/min

Samples

Sample ID:	Description:
HAM-GWC-28	Grab.

Low-Flow Test Report:

Test Date / Time: 5/21/2026 4:39:48 PM
Project: GP-Plant Hammond
Operator Name: Z. Webb

Location Name: GWC-29 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 32.21 ft** **Total Depth: 42.11 ft** **Initial Depth to Water: 24.42 ft**	**Pump Type: Peristaltic** **Tubing Type: Poly** **Pump Intake From TOC: 37.11 ft** **Estimated Total Volume Pumped: 8.50 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.49 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1283097**

Test Notes:
6 bottles: App. I, III, and IV Permit Metals.

Weather Conditions:
Cloudy, 85 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
5/21/2026 4:39 PM	00:00	6.937 pH	24.01 °C	145.7 µS/cm	0.993 mg/L	99.40 NTU	-71.6 mV	24.42 ft	200.0 ml/min
5/21/2026 4:44 PM	05:00	6.625 pH	18.97 °C	156.3 µS/cm	0.341 mg/L	17.20 NTU	-60.2 mV	24.86 ft	200.0 ml/min
5/21/2026 4:49 PM	10:00	6.588 pH	18.78 °C	156.7 µS/cm	0.325 mg/L	10.90 NTU	-52.4 mV	24.88 ft	200.0 ml/min
5/21/2026 4:54 PM	15:00	6.584 pH	19.22 °C	157.6 µS/cm	0.266 mg/L	8.95 NTU	-52.7 mV	24.89 ft	200.0 ml/min
5/21/2026 4:59 PM	20:00	6.577 pH	18.85 °C	156.7 µS/cm	0.269 mg/L	6.68 NTU	-49.6 mV	24.90 ft	200.0 ml/min
5/21/2026 5:04 PM	25:00	6.577 pH	18.70 °C	156.8 µS/cm	0.240 mg/L	5.85 NTU	-48.8 mV	24.91 ft	200.0 ml/min
5/21/2026 5:09 PM	30:00	6.584 pH	18.96 °C	157.5 µS/cm	0.246 mg/L	5.66 NTU	-48.5 mV	24.91 ft	200.0 ml/min
5/21/2026 5:14 PM	35:00	6.583 pH	18.83 °C	156.2 µS/cm	0.218 mg/L	4.08 NTU	-47.0 mV	24.91 ft	200.0 ml/min

Samples

Sample ID:	Description:
HAM-GWC-29	Grab.
HAM-HLF-F-FD-02	Grab.

Low-Flow Test Report:

Test Date / Time: 5/22/2026 12:27:30 PM
Project: GP-Plant Hammond
Operator Name: Z. Webb

Location Name: GWC-30 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 43.15 ft** **Total Depth: 53.15 ft** **Initial Depth to Water: 6.94 ft**	**Pump Type: Peristaltic** **Tubing Type: Poly** **Pump Intake From TOC: 48.15 ft** **Estimated Total Volume Pumped: 18.00 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 3.36 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1283097**

Test Notes:
6 bottles: App. I, III, and IV Permit Metals.

Weather Conditions:
Cloudy, 85 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
5/22/2026 12:27 PM	00:00	6.830 pH	26.66 °C	253.8 µS/cm	0.117 mg/L	21.80 NTU	-18.0 mV	6.94 ft	200.0 ml/min
5/22/2026 12:32 PM	05:00	6.906 pH	20.70 °C	286.2 µS/cm	0.122 mg/L	20.60 NTU	-37.8 mV	10.30 ft	200.0 ml/min
5/22/2026 12:37 PM	10:00	6.932 pH	19.76 °C	292.2 µS/cm	0.118 mg/L	18.50 NTU	-48.8 mV	10.30 ft	200.0 ml/min
5/22/2026 12:42 PM	15:00	6.945 pH	19.46 °C	299.3 µS/cm	0.118 mg/L	15.90 NTU	-56.3 mV	10.30 ft	200.0 ml/min
5/22/2026 12:47 PM	20:00	6.950 pH	19.46 °C	300.4 µS/cm	0.111 mg/L	12.30 NTU	-63.7 mV	10.30 ft	200.0 ml/min
5/22/2026 12:52 PM	25:00	6.972 pH	19.40 °C	306.1 µS/cm	0.106 mg/L	9.30 NTU	-68.4 mV	10.30 ft	200.0 ml/min
5/22/2026 12:57 PM	30:00	6.980 pH	19.20 °C	308.6 µS/cm	0.107 mg/L	8.12 NTU	-70.6 mV	10.30 ft	200.0 ml/min
5/22/2026 1:02 PM	35:00	6.994 pH	19.02 °C	310.9 µS/cm	0.106 mg/L	7.34 NTU	-74.1 mV	10.30 ft	200.0 ml/min
5/22/2026 1:07 PM	40:00	7.007 pH	18.92 °C	312.5 µS/cm	0.104 mg/L	5.99 NTU	-76.9 mV	10.30 ft	200.0 ml/min
5/22/2026 1:12 PM	45:00	7.012 pH	18.88 °C	314.7 µS/cm	0.103 mg/L	6.37 NTU	-71.7 mV	10.30 ft	200.0 ml/min
5/22/2026 1:17 PM	50:00	7.018 pH	18.88 °C	314.7 µS/cm	0.100 mg/L	5.70 NTU	-73.1 mV	10.30 ft	200.0 ml/min
5/22/2026 1:22 PM	55:00	7.028 pH	19.00 °C	317.1 µS/cm	0.099 mg/L	5.51 NTU	-76.1 mV	10.30 ft	200.0 ml/min
5/22/2026 1:27 PM	01:00:00	7.037 pH	18.73 °C	317.5 µS/cm	0.097 mg/L	5.24 NTU	-84.7 mV	10.30 ft	200.0 ml/min

5/22/2026 1:32 PM	01:05:00	7.040 pH	18.85 °C	318.6 µS/cm	0.096 mg/L	5.52 NTU	-87.1 mV	10.30 ft	200.0 ml/min
5/22/2026 1:37 PM	01:10:00	7.047 pH	19.05 °C	319.7 µS/cm	0.095 mg/L	5.18 NTU	-90.0 mV	10.30 ft	200.0 ml/min
5/22/2026 1:42 PM	01:15:00	7.051 pH	19.01 °C	320.3 µS/cm	0.097 mg/L	4.87 NTU	-84.2 mV	10.30 ft	200.0 ml/min

Samples

Sample ID:	Description:
HAM-GWC-30	Grab.

Low-Flow Test Report:

Test Date / Time: 5/22/2026 10:55:36 AM
Project: GP-Plant Hammond
Operator Name: A. Ullrich

Location Name: GWC-31 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 33.03 ft** **Total Depth: 43.03 ft** **Initial Depth to Water: 12.07 ft**	**Pump Type: Peristaltic** **Tubing Type: Poly** **Pump Intake From TOC: 38.03 ft** **Estimated Total Volume Pumped: 9.00 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 0.05 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1265019**

Test Notes:
6 bottles: App. I, III, and IV Permit Metals.

Weather Conditions:
Cloudy, 78 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
5/22/2026 10:55 AM	00:00	7.221 pH	20.45 °C	465.3 µS/cm	0.381 mg/L	1.71 NTU	139.2 mV	12.07 ft	150.0 ml/min
5/22/2026 11:00 AM	05:00	7.249 pH	20.39 °C	450.7 µS/cm	0.316 mg/L	1.33 NTU	107.3 mV	12.07 ft	150.0 ml/min
5/22/2026 11:05 AM	10:00	7.264 pH	20.86 °C	451.1 µS/cm	0.250 mg/L	3.14 NTU	33.9 mV	12.10 ft	150.0 ml/min
5/22/2026 11:10 AM	15:00	7.270 pH	20.75 °C	444.4 µS/cm	0.214 mg/L	3.34 NTU	7.6 mV	12.10 ft	150.0 ml/min
5/22/2026 11:15 AM	20:00	7.262 pH	21.09 °C	437.7 µS/cm	0.206 mg/L	2.54 NTU	-15.2 mV	12.10 ft	150.0 ml/min
5/22/2026 11:20 AM	25:00	7.275 pH	20.44 °C	429.0 µS/cm	0.202 mg/L	0.73 NTU	-31.2 mV	12.11 ft	150.0 ml/min
5/22/2026 11:25 AM	30:00	7.263 pH	20.49 °C	423.8 µS/cm	0.202 mg/L	2.08 NTU	-39.8 mV	12.11 ft	150.0 ml/min
5/22/2026 11:30 AM	35:00	7.266 pH	20.78 °C	426.6 µS/cm	0.198 mg/L	1.71 NTU	-40.6 mV	12.11 ft	150.0 ml/min
5/22/2026 11:35 AM	40:00	7.266 pH	21.32 °C	422.4 µS/cm	0.187 mg/L	2.27 NTU	-47.9 mV	12.12 ft	150.0 ml/min
5/22/2026 11:40 AM	45:00	7.268 pH	21.37 °C	419.7 µS/cm	0.181 mg/L	4.30 NTU	-52.0 mV	12.12 ft	150.0 ml/min
5/22/2026 11:45 AM	50:00	7.268 pH	21.15 °C	431.4 µS/cm	0.170 mg/L	2.39 NTU	-45.2 mV	12.12 ft	150.0 ml/min
5/22/2026 11:50 AM	55:00	7.275 pH	21.24 °C	423.5 µS/cm	0.160 mg/L	1.96 NTU	-46.3 mV	12.12 ft	150.0 ml/min
5/22/2026 11:55 AM	01:00:00	7.267 pH	21.46 °C	424.8 µS/cm	0.162 mg/L	3.29 NTU	-53.2 mV	12.12 ft	150.0 ml/min

Samples

Sample ID:	Description:
HAM-GWC-31	Grab.

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 5/21/2026 2:02:31 PM
Project: GP-Plant Hammond
Operator Name: Z. Webb

Location Name: GWC-32 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 43.41 ft** **Total Depth: 53.41 ft** **Initial Depth to Water: 21.55 ft**	**Pump Type: Peristaltic** **Tubing Type: Poly** **Pump Intake From TOC: 48.41 ft** **Estimated Total Volume Pumped: 3.50 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 2.87 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1283097**

Test Notes:
6 bottles: App. I, III, and IV Permit Metals.

Weather Conditions:
Cloudy, 85 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
5/21/2026 2:02 PM	00:00	7.284 pH	19.14 °C	571.8 µS/cm	0.265 mg/L	7.58 NTU	60.9 mV	21.55 ft	100.0 ml/min
5/21/2026 2:07 PM	05:00	7.283 pH	20.33 °C	567.6 µS/cm	0.323 mg/L	2.97 NTU	69.1 mV	23.98 ft	100.0 ml/min
5/21/2026 2:12 PM	10:00	7.270 pH	20.59 °C	563.6 µS/cm	0.306 mg/L	3.21 NTU	60.4 mV	24.09 ft	100.0 ml/min
5/21/2026 2:17 PM	15:00	7.264 pH	20.61 °C	559.7 µS/cm	0.305 mg/L	3.06 NTU	60.0 mV	24.20 ft	100.0 ml/min
5/21/2026 2:22 PM	20:00	7.264 pH	21.01 °C	564.4 µS/cm	0.302 mg/L	1.79 NTU	19.1 mV	24.28 ft	100.0 ml/min
5/21/2026 2:27 PM	25:00	7.257 pH	21.34 °C	563.5 µS/cm	0.274 mg/L	1.84 NTU	-2.7 mV	24.36 ft	100.0 ml/min
5/21/2026 2:32 PM	30:00	7.262 pH	21.06 °C	566.9 µS/cm	0.275 mg/L	1.43 NTU	-8.3 mV	24.42 ft	100.0 ml/min

Samples

Sample ID:	Description:
HAM-GWC-32	Grab.

Low-Flow Test Report:

Test Date / Time: 5/19/2026 4:50:03 PM
Project: GP-Plant Hammond
Operator Name: A. Ullrich

Location Name: GWC-33 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 37.82 ft** **Total Depth: 47.82 ft** **Initial Depth to Water: 23.68 ft**	**Pump Type: Peristaltic** **Tubing Type: Poly** **Pump Intake From TOC: 42.82 ft** **Estimated Total Volume Pumped: 6.00 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.00 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1265019**

Test Notes:
6 bottles: App. I, III, and IV Permit Metals.

Weather Conditions:
Clear, 89 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	
5/19/2026 4:50 PM	00:00	6.945 pH	23.02 °C	562.7 µS/cm	0.810 mg/L	5.39 NTU	-99.0 mV	23.68 ft	200.0 ml/min
5/19/2026 4:55 PM	05:00	6.969 pH	21.65 °C	566.9 µS/cm	0.522 mg/L	3.55 NTU	-100.8 mV	23.68 ft	200.0 ml/min
5/19/2026 5:00 PM	10:00	6.968 pH	21.72 °C	573.1 µS/cm	0.259 mg/L	3.35 NTU	-98.3 mV	23.68 ft	200.0 ml/min
5/19/2026 5:05 PM	15:00	6.966 pH	22.18 °C	552.5 µS/cm	0.223 mg/L	3.92 NTU	-98.1 mV	23.68 ft	200.0 ml/min
5/19/2026 5:10 PM	20:00	6.967 pH	22.14 °C	563.2 µS/cm	0.210 mg/L	2.65 NTU	-98.1 mV	23.68 ft	200.0 ml/min
5/19/2026 5:15 PM	25:00	6.976 pH	20.99 °C	570.3 µS/cm	0.182 mg/L	3.06 NTU	-95.6 mV	23.68 ft	200.0 ml/min
5/19/2026 5:20 PM	30:00	6.968 pH	22.16 °C	563.7 µS/cm	0.188 mg/L	3.47 NTU	-97.1 mV	23.68 ft	200.0 ml/min

Samples

Sample ID:	Description:
HAM-GWC-33	Grab.

Low-Flow Test Report:

Test Date / Time: 5/20/2026 8:51:08 AM
Project: GP-Plant Hammond
Operator Name: A. Ullrich

Location Name: GWC-34 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 33.23 ft** **Total Depth: 43.23 ft** **Initial Depth to Water: 6.30 ft**	**Pump Type: Peristaltic** **Tubing Type: Poly** **Pump Intake From TOC: 38.23 ft** **Estimated Total Volume Pumped: 6.00 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.02 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1265019**

Test Notes:
6 bottles: App. I, III, and IV Permit Metals.

Weather Conditions:
Clear, 87 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	
5/20/2026 8:51 AM	00:00	6.693 pH	20.17 °C	475.8 µS/cm	0.320 mg/L	0.98 NTU	-82.8 mV	6.30 ft	200.0 ml/min
5/20/2026 8:56 AM	05:00	6.737 pH	20.22 °C	473.9 µS/cm	0.271 mg/L	1.41 NTU	-80.9 mV	6.30 ft	200.0 ml/min
5/20/2026 9:01 AM	10:00	6.740 pH	20.44 °C	474.0 µS/cm	0.237 mg/L	2.04 NTU	-79.9 mV	6.30 ft	200.0 ml/min
5/20/2026 9:06 AM	15:00	6.753 pH	20.48 °C	473.2 µS/cm	0.211 mg/L	1.08 NTU	-79.4 mV	6.31 ft	200.0 ml/min
5/20/2026 9:11 AM	20:00	6.769 pH	20.61 °C	471.8 µS/cm	0.193 mg/L	0.62 NTU	-79.7 mV	6.31 ft	200.0 ml/min
5/20/2026 9:16 AM	25:00	6.771 pH	20.58 °C	470.7 µS/cm	0.180 mg/L	0.45 NTU	-77.1 mV	6.32 ft	200.0 ml/min
5/20/2026 9:21 AM	30:00	6.782 pH	20.62 °C	468.9 µS/cm	0.173 mg/L	0.67 NTU	-72.8 mV	6.32 ft	200.0 ml/min

Samples

Sample ID:	Description:
HAM-GWC-34	Grab.

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 5/20/2026 10:26:46 AM
Project: GP-Plant Hammond
Operator Name: A. Ullrich

Location Name: GWC-35 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 48.30 ft** **Total Depth: 58.30 ft** **Initial Depth to Water: 24.82 ft**	**Pump Type: Peristaltic** **Tubing Type: Poly** **Pump Intake From TOC: 53.30 ft** **Estimated Total Volume Pumped: 39.00 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.66 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1265019**

Test Notes:
6 bottles: App. I, III, and IV Permit Metals.

Weather Conditions:
Clear, 89 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	
5/20/2026 10:26 AM	00:00	6.581 pH	21.94 °C	466.7 µS/cm	0.453 mg/L	22.70 NTU	-97.8 mV	24.82 ft	200.0 ml/min
5/20/2026 10:31 AM	05:00	6.548 pH	21.98 °C	470.1 µS/cm	0.364 mg/L	9.33 NTU	-95.2 mV	25.65 ft	200.0 ml/min
5/20/2026 10:36 AM	10:00	6.501 pH	22.56 °C	471.2 µS/cm	0.336 mg/L	7.89 NTU	-89.7 mV	25.87 ft	200.0 ml/min
5/20/2026 10:41 AM	15:00	6.484 pH	22.89 °C	471.5 µS/cm	0.293 mg/L	5.65 NTU	-88.1 mV	26.04 ft	200.0 ml/min
5/20/2026 10:46 AM	20:00	6.464 pH	23.07 °C	486.6 µS/cm	0.300 mg/L	3.95 NTU	-85.7 mV	26.05 ft	200.0 ml/min
5/20/2026 10:51 AM	25:00	6.451 pH	23.45 °C	481.4 µS/cm	0.321 mg/L	7.29 NTU	-84.0 mV	26.03 ft	200.0 ml/min
5/20/2026 10:56 AM	30:00	6.435 pH	23.82 °C	479.3 µS/cm	0.308 mg/L	14.40 NTU	-81.9 mV	25.98 ft	200.0 ml/min
5/20/2026 11:01 AM	35:00	6.430 pH	24.35 °C	479.3 µS/cm	0.308 mg/L	19.20 NTU	-81.9 mV	25.95 ft	200.0 ml/min
5/20/2026 11:06 AM	40:00	6.423 pH	24.24 °C	477.7 µS/cm	0.315 mg/L	28.40 NTU	-80.7 mV	25.95 ft	200.0 ml/min
5/20/2026 11:11 AM	45:00	6.255 pH	24.20 °C	476.6 µS/cm	0.281 mg/L	28.00 NTU	-58.9 mV	25.95 ft	200.0 ml/min
5/20/2026 11:16 AM	50:00	6.164 pH	24.67 °C	471.2 µS/cm	0.276 mg/L	28.10 NTU	-49.6 mV	25.94 ft	200.0 ml/min
5/20/2026 11:21 AM	55:00	6.131 pH	24.84 °C	465.1 µS/cm	0.283 mg/L	26.80 NTU	-44.6 mV	25.94 ft	200.0 ml/min
5/20/2026 11:26 AM	01:00:00	6.117 pH	24.51 °C	464.7 µS/cm	0.292 mg/L	24.40 NTU	-43.0 mV	25.91 ft	200.0 ml/min

5/20/2026 11:31 AM	01:05:00	6.120 pH	24.69 °C	460.7 µS/cm	0.300 mg/L	21.80 NTU	-42.6 mV	25.91 ft	200.0 ml/min
5/20/2026 11:36 AM	01:10:00	6.118 pH	24.69 °C	457.7 µS/cm	0.295 mg/L	22.00 NTU	-42.1 mV	25.86 ft	200.0 ml/min
5/20/2026 11:41 AM	01:15:00	6.102 pH	24.56 °C	463.0 µS/cm	0.297 mg/L	17.80 NTU	-41.8 mV	25.83 ft	200.0 ml/min
5/20/2026 11:46 AM	01:20:00	6.112 pH	25.71 °C	460.9 µS/cm	0.289 mg/L	18.40 NTU	-42.6 mV	25.83 ft	200.0 ml/min
5/20/2026 11:51 AM	01:25:00	6.110 pH	25.60 °C	459.3 µS/cm	0.293 mg/L	17.50 NTU	-41.5 mV	25.83 ft	200.0 ml/min
5/20/2026 11:56 AM	01:30:00	6.104 pH	25.82 °C	456.3 µS/cm	0.291 mg/L	17.10 NTU	-41.4 mV	25.83 ft	200.0 ml/min
5/20/2026 12:01 PM	01:35:00	6.095 pH	25.23 °C	458.2 µS/cm	0.293 mg/L	14.60 NTU	-39.8 mV	25.83 ft	200.0 ml/min
5/20/2026 12:06 PM	01:40:00	6.100 pH	26.21 °C	459.7 µS/cm	0.291 mg/L	13.90 NTU	-41.2 mV	25.75 ft	200.0 ml/min
5/20/2026 12:11 PM	01:45:00	6.102 pH	26.01 °C	453.8 µS/cm	0.290 mg/L	13.40 NTU	-39.9 mV	25.69 ft	200.0 ml/min
5/20/2026 12:16 PM	01:50:00	6.097 pH	25.91 °C	451.8 µS/cm	0.285 mg/L	14.60 NTU	-36.0 mV	25.67 ft	200.0 ml/min
5/20/2026 12:21 PM	01:55:00	6.102 pH	26.10 °C	449.7 µS/cm	0.299 mg/L	12.10 NTU	-39.5 mV	25.67 ft	200.0 ml/min
5/20/2026 12:26 PM	02:00:00	6.092 pH	26.06 °C	451.3 µS/cm	0.294 mg/L	11.40 NTU	-39.0 mV	25.67 ft	200.0 ml/min
5/20/2026 12:31 PM	02:05:00	6.093 pH	26.84 °C	450.1 µS/cm	0.292 mg/L	6.67 NTU	-39.9 mV	25.64 ft	200.0 ml/min
5/20/2026 12:36 PM	02:10:00	6.091 pH	27.10 °C	448.4 µS/cm	0.294 mg/L	8.58 NTU	-39.4 mV	25.64 ft	200.0 ml/min
5/20/2026 12:41 PM	02:15:00	6.094 pH	26.32 °C	447.2 µS/cm	0.296 mg/L	9.81 NTU	-38.3 mV	25.64 ft	200.0 ml/min
5/20/2026 12:46 PM	02:20:00	6.087 pH	26.39 °C	447.5 µS/cm	0.291 mg/L	9.33 NTU	-37.6 mV	25.60 ft	200.0 ml/min
5/20/2026 12:51 PM	02:25:00	6.091 pH	26.51 °C	446.3 µS/cm	0.292 mg/L	8.87 NTU	-37.8 mV	25.60 ft	200.0 ml/min
5/20/2026 12:56 PM	02:30:00	6.087 pH	26.51 °C	445.9 µS/cm	0.297 mg/L	8.26 NTU	-37.4 mV	25.60 ft	200.0 ml/min
5/20/2026 1:01 PM	02:35:00	6.090 pH	26.63 °C	441.5 µS/cm	0.294 mg/L	7.29 NTU	-36.6 mV	25.58 ft	200.0 ml/min
5/20/2026 1:06 PM	02:40:00	6.087 pH	26.77 °C	449.2 µS/cm	0.287 mg/L	7.16 NTU	-37.6 mV	25.58 ft	200.0 ml/min
5/20/2026 1:11 PM	02:45:00	6.084 pH	25.60 °C	443.9 µS/cm	0.293 mg/L	6.75 NTU	-34.4 mV	25.58 ft	200.0 ml/min
5/20/2026 1:16 PM	02:50:00	6.076 pH	25.20 °C	444.1 µS/cm	0.298 mg/L	8.29 NTU	-32.8 mV	25.57 ft	200.0 ml/min
5/20/2026 1:21 PM	02:55:00	6.090 pH	26.60 °C	448.6 µS/cm	0.297 mg/L	6.26 NTU	-36.2 mV	25.50 ft	200.0 ml/min
5/20/2026 1:26 PM	03:00:00	6.086 pH	27.03 °C	443.3 µS/cm	0.290 mg/L	5.64 NTU	-35.7 mV	25.48 ft	200.0 ml/min
5/20/2026 1:31 PM	03:05:00	6.089 pH	26.87 °C	444.6 µS/cm	0.289 mg/L	5.89 NTU	-36.0 mV	25.48 ft	200.0 ml/min
5/20/2026 1:36 PM	03:10:00	6.085 pH	25.89 °C	443.3 µS/cm	0.289 mg/L	4.87 NTU	-34.0 mV	25.48 ft	200.0 ml/min
5/20/2026 1:41 PM	03:15:00	6.083 pH	25.98 °C	443.5 µS/cm	0.291 mg/L	4.70 NTU	-33.9 mV	25.45 ft	200.0 ml/min

Samples

Sample ID:	Description:
HAM-GWC-35	Grab.

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 5/20/2026 4:25:30 PM
Project: GP-Plant Hammond
Operator Name: A. Ullrich

Location Name: GWC-36 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 33.20 ft** **Total Depth: 43.20 ft** **Initial Depth to Water: 15.59 ft**	**Pump Type: Peristaltic** **Tubing Type: Poly** **Pump Intake From TOC: 38.20 ft** **Estimated Total Volume Pumped: 16.00 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.03 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1265019**

Test Notes:
6 bottles: App. I, III, and IV Permit Metals.

Weather Conditions:
Partly Cloudy, 89 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	
5/20/2026 4:25 PM	00:00	6.696 pH	21.60 °C	341.8 µS/cm	0.290 mg/L	19.60 NTU	-93.8 mV	15.59 ft	200.0 ml/min
5/20/2026 4:30 PM	05:00	6.690 pH	21.43 °C	342.2 µS/cm	0.263 mg/L	9.31 NTU	-90.4 mV	15.59 ft	200.0 ml/min
5/20/2026 4:35 PM	10:00	6.685 pH	21.36 °C	337.4 µS/cm	0.226 mg/L	10.80 NTU	-88.7 mV	15.59 ft	200.0 ml/min
5/20/2026 4:40 PM	15:00	6.691 pH	21.27 °C	336.0 µS/cm	0.209 mg/L	5.44 NTU	-88.3 mV	15.59 ft	200.0 ml/min
5/20/2026 4:45 PM	20:00	6.695 pH	21.73 °C	331.6 µS/cm	0.189 mg/L	5.94 NTU	-88.3 mV	15.59 ft	200.0 ml/min
5/20/2026 4:50 PM	25:00	6.685 pH	22.30 °C	328.8 µS/cm	0.454 mg/L	7.48 NTU	-87.1 mV	15.59 ft	200.0 ml/min
5/20/2026 4:55 PM	30:00	6.707 pH	22.38 °C	325.6 µS/cm	0.466 mg/L	7.65 NTU	-84.9 mV	15.59 ft	200.0 ml/min
5/20/2026 5:00 PM	35:00	6.732 pH	22.31 °C	325.0 µS/cm	0.445 mg/L	7.33 NTU	-89.9 mV	15.59 ft	200.0 ml/min
5/20/2026 5:05 PM	40:00	6.757 pH	22.40 °C	319.9 µS/cm	0.403 mg/L	7.84 NTU	-88.9 mV	15.60 ft	200.0 ml/min
5/20/2026 5:10 PM	45:00	6.772 pH	22.36 °C	320.4 µS/cm	0.352 mg/L	7.83 NTU	-88.9 mV	15.60 ft	200.0 ml/min
5/20/2026 5:15 PM	50:00	6.771 pH	21.68 °C	316.9 µS/cm	0.283 mg/L	8.82 NTU	-87.7 mV	15.60 ft	200.0 ml/min
5/20/2026 5:20 PM	55:00	6.770 pH	22.44 °C	317.2 µS/cm	0.233 mg/L	7.09 NTU	-87.5 mV	15.60 ft	200.0 ml/min
5/20/2026 5:25 PM	01:00:00	6.776 pH	22.37 °C	315.8 µS/cm	0.217 mg/L	5.88 NTU	-88.2 mV	15.60 ft	200.0 ml/min

5/20/2026 5:30 PM	01:05:00	6.800 pH	22.35 °C	311.8 µS/cm	0.198 mg/L	7.05 NTU	-88.0 mV	15.62 ft	200.0 ml/min
5/20/2026 5:35 PM	01:10:00	6.793 pH	22.46 °C	314.5 µS/cm	0.184 mg/L	7.69 NTU	-87.9 mV	15.62 ft	200.0 ml/min
5/20/2026 5:40 PM	01:15:00	6.798 pH	22.20 °C	314.4 µS/cm	0.180 mg/L	5.64 NTU	-87.7 mV	15.62 ft	200.0 ml/min
5/20/2026 5:45 PM	01:20:00	6.802 pH	22.86 °C	310.5 µS/cm	0.178 mg/L	4.64 NTU	-88.6 mV	15.62 ft	200.0 ml/min

Samples

Sample ID:	Description:
HAM-GWC-36	Grab.

Low-Flow Test Report:

Test Date / Time: 5/21/2026 9:10:03 AM
Project: GP-Plant Hammond
Operator Name: A. Ullrich

Location Name: GWC-37 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 33.32 ft** **Total Depth: 43.32 ft** **Initial Depth to Water: 22.31 ft**	**Pump Type: Peristaltic** **Tubing Type: Poly** **Pump Intake From TOC: 38.32 ft** **Estimated Total Volume Pumped: 17.50 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 0.02 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1265019**

Test Notes:
6 bottles: App. I, III, and IV Permit Metals.

Weather Conditions:
Rainy, 79 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	
5/21/2026 9:10 AM	00:00	6.778 pH	20.17 °C	352.1 µS/cm	3.751 mg/L	94.40 NTU	-75.3 mV	22.31 ft	100.0 ml/min
5/21/2026 9:15 AM	05:00	6.784 pH	20.01 °C	352.8 µS/cm	4.287 mg/L	50.20 NTU	-74.8 mV	22.31 ft	100.0 ml/min
5/21/2026 9:20 AM	10:00	6.793 pH	19.96 °C	349.2 µS/cm	4.050 mg/L	25.30 NTU	-75.5 mV	22.31 ft	100.0 ml/min
5/21/2026 9:25 AM	15:00	6.815 pH	19.98 °C	348.7 µS/cm	3.284 mg/L	22.90 NTU	-77.4 mV	22.31 ft	100.0 ml/min
5/21/2026 9:30 AM	20:00	6.839 pH	20.09 °C	345.7 µS/cm	3.211 mg/L	22.40 NTU	-78.6 mV	22.31 ft	100.0 ml/min
5/21/2026 9:35 AM	25:00	6.825 pH	20.12 °C	344.7 µS/cm	3.101 mg/L	20.30 NTU	-77.2 mV	22.31 ft	100.0 ml/min
5/21/2026 9:40 AM	30:00	6.860 pH	20.11 °C	339.5 µS/cm	2.904 mg/L	16.90 NTU	-82.0 mV	22.32 ft	100.0 ml/min
5/21/2026 9:45 AM	35:00	6.844 pH	20.17 °C	337.1 µS/cm	2.701 mg/L	18.90 NTU	-82.3 mV	22.32 ft	100.0 ml/min
5/21/2026 9:50 AM	40:00	6.882 pH	20.25 °C	338.3 µS/cm	2.496 mg/L	17.20 NTU	-84.5 mV	22.32 ft	100.0 ml/min
5/21/2026 9:55 AM	45:00	6.869 pH	20.18 °C	336.8 µS/cm	2.381 mg/L	17.50 NTU	-83.6 mV	22.32 ft	100.0 ml/min
5/21/2026 10:00 AM	50:00	6.857 pH	20.38 °C	339.0 µS/cm	2.151 mg/L	17.70 NTU	-83.3 mV	22.33 ft	100.0 ml/min
5/21/2026 10:05 AM	55:00	6.875 pH	20.41 °C	337.5 µS/cm	2.294 mg/L	24.70 NTU	-84.1 mV	22.33 ft	100.0 ml/min
5/21/2026 10:10 AM	01:00:00	6.880 pH	20.53 °C	336.0 µS/cm	2.180 mg/L	16.30 NTU	-84.5 mV	22.33 ft	100.0 ml/min

5/21/2026 10:15 AM	01:05:00	6.869 pH	20.67 °C	332.5 µS/cm	2.102 mg/L	11.90 NTU	-84.6 mV	22.33 ft	100.0 ml/min
5/21/2026 10:20 AM	01:10:00	6.878 pH	20.84 °C	329.6 µS/cm	2.050 mg/L	11.80 NTU	-84.8 mV	22.33 ft	100.0 ml/min
5/21/2026 10:25 AM	01:15:00	6.871 pH	20.75 °C	329.4 µS/cm	1.989 mg/L	10.70 NTU	-84.1 mV	22.33 ft	100.0 ml/min
5/21/2026 10:30 AM	01:20:00	6.876 pH	20.77 °C	328.4 µS/cm	1.939 mg/L	10.00 NTU	-84.1 mV	22.33 ft	100.0 ml/min
5/21/2026 10:35 AM	01:25:00	6.880 pH	20.84 °C	329.3 µS/cm	1.813 mg/L	11.30 NTU	-84.0 mV	22.33 ft	100.0 ml/min
5/21/2026 10:40 AM	01:30:00	6.871 pH	21.00 °C	328.9 µS/cm	1.718 mg/L	10.80 NTU	-84.0 mV	22.33 ft	100.0 ml/min
5/21/2026 10:45 AM	01:35:00	6.875 pH	21.02 °C	328.9 µS/cm	1.642 mg/L	8.78 NTU	-83.9 mV	22.33 ft	100.0 ml/min
5/21/2026 10:50 AM	01:40:00	6.876 pH	21.30 °C	330.0 µS/cm	1.574 mg/L	8.00 NTU	-84.7 mV	22.33 ft	100.0 ml/min
5/21/2026 10:55 AM	01:45:00	6.874 pH	21.46 °C	328.9 µS/cm	1.519 mg/L	6.84 NTU	-84.5 mV	22.33 ft	100.0 ml/min
5/21/2026 11:00 AM	01:50:00	6.871 pH	21.78 °C	329.7 µS/cm	1.472 mg/L	10.20 NTU	-84.7 mV	22.33 ft	100.0 ml/min
5/21/2026 11:05 AM	01:55:00	6.878 pH	21.90 °C	328.2 µS/cm	1.417 mg/L	10.50 NTU	-84.5 mV	22.33 ft	100.0 ml/min
5/21/2026 11:10 AM	02:00:00	6.868 pH	21.70 °C	329.7 µS/cm	1.336 mg/L	9.47 NTU	-83.8 mV	22.33 ft	100.0 ml/min
5/21/2026 11:15 AM	02:05:00	6.868 pH	21.84 °C	328.3 µS/cm	1.253 mg/L	9.61 NTU	-84.0 mV	22.33 ft	100.0 ml/min
5/21/2026 11:20 AM	02:10:00	6.865 pH	21.88 °C	326.7 µS/cm	1.223 mg/L	9.22 NTU	-83.5 mV	22.33 ft	100.0 ml/min
5/21/2026 11:25 AM	02:15:00	6.863 pH	22.04 °C	324.5 µS/cm	1.197 mg/L	8.42 NTU	-83.7 mV	22.33 ft	100.0 ml/min
5/21/2026 11:30 AM	02:20:00	6.878 pH	22.07 °C	327.1 µS/cm	1.145 mg/L	8.14 NTU	-83.9 mV	22.33 ft	100.0 ml/min
5/21/2026 11:35 AM	02:25:00	6.866 pH	22.44 °C	326.7 µS/cm	1.097 mg/L	6.30 NTU	-83.5 mV	22.33 ft	100.0 ml/min
5/21/2026 11:40 AM	02:30:00	6.870 pH	22.38 °C	329.5 µS/cm	1.054 mg/L	9.36 NTU	-83.7 mV	22.33 ft	100.0 ml/min
5/21/2026 11:45 AM	02:35:00	6.853 pH	22.62 °C	327.9 µS/cm	1.015 mg/L	8.38 NTU	-82.8 mV	22.33 ft	100.0 ml/min
5/21/2026 11:50 AM	02:40:00	6.859 pH	22.82 °C	329.6 µS/cm	0.982 mg/L	7.23 NTU	-84.0 mV	22.33 ft	100.0 ml/min
5/21/2026 11:55 AM	02:45:00	6.853 pH	22.81 °C	329.6 µS/cm	0.946 mg/L	5.38 NTU	-84.8 mV	22.33 ft	100.0 ml/min
5/21/2026 12:00 PM	02:50:00	6.854 pH	23.07 °C	325.2 µS/cm	0.909 mg/L	5.29 NTU	-84.5 mV	22.33 ft	100.0 ml/min
5/21/2026 12:05 PM	02:55:00	6.848 pH	23.49 °C	327.4 µS/cm	0.874 mg/L	4.52 NTU	-84.9 mV	22.33 ft	100.0 ml/min

Samples

Sample ID:	Description:
HAM-GWC-37	Grab.

Low-Flow Test Report:

Test Date / Time: 5/22/2026 1:15:30 PM
Project: GP-Plant Hammond
Operator Name: A. Ullrich

Location Name: GWC-38 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 23.42 ft** **Total Depth: 33.42 ft** **Initial Depth to Water: 27.00 ft**	**Pump Type: Peristaltic** **Tubing Type: Poly** **Pump Intake From TOC: 28.42 ft** **Estimated Total Volume Pumped: 9.00 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 0.20 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1265019**

Test Notes:
6 bottles: App. I, III, and IV Permit Metals.

Weather Conditions:
Cloudy, 77 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	
5/22/2026 1:15 PM	00:00	6.371 pH	21.37 °C	240.5 µS/cm	3.180 mg/L	2.14 NTU	132.8 mV	27.00 ft	150.0 ml/min
5/22/2026 1:20 PM	05:00	6.355 pH	20.97 °C	237.5 µS/cm	3.258 mg/L	2.75 NTU	151.8 mV	27.10 ft	150.0 ml/min
5/22/2026 1:25 PM	10:00	6.377 pH	21.06 °C	238.8 µS/cm	3.092 mg/L	3.74 NTU	204.8 mV	27.10 ft	150.0 ml/min
5/22/2026 1:30 PM	15:00	6.372 pH	21.20 °C	239.3 µS/cm	3.155 mg/L	2.94 NTU	156.2 mV	27.22 ft	150.0 ml/min
5/22/2026 1:35 PM	20:00	6.368 pH	21.18 °C	238.8 µS/cm	2.926 mg/L	1.47 NTU	141.0 mV	27.20 ft	150.0 ml/min
5/22/2026 1:40 PM	25:00	6.376 pH	21.37 °C	239.2 µS/cm	2.211 mg/L	0.95 NTU	118.8 mV	27.19 ft	150.0 ml/min
5/22/2026 1:45 PM	30:00	6.396 pH	21.77 °C	237.9 µS/cm	2.285 mg/L	1.45 NTU	110.2 mV	27.19 ft	150.0 ml/min
5/22/2026 1:50 PM	35:00	6.416 pH	21.64 °C	239.2 µS/cm	2.127 mg/L	1.54 NTU	100.6 mV	27.19 ft	150.0 ml/min
5/22/2026 1:55 PM	40:00	6.408 pH	22.08 °C	238.4 µS/cm	2.035 mg/L	1.17 NTU	91.5 mV	27.20 ft	150.0 ml/min
5/22/2026 2:00 PM	45:00	6.404 pH	22.10 °C	238.8 µS/cm	1.861 mg/L	1.14 NTU	90.3 mV	27.20 ft	150.0 ml/min
5/22/2026 2:05 PM	50:00	6.401 pH	21.73 °C	236.7 µS/cm	1.865 mg/L	1.28 NTU	92.3 mV	27.20 ft	150.0 ml/min
5/22/2026 2:10 PM	55:00	6.393 pH	21.62 °C	239.7 µS/cm	1.946 mg/L	1.69 NTU	99.5 mV	27.20 ft	150.0 ml/min
5/22/2026 2:15 PM	01:00:00	6.402 pH	21.87 °C	238.7 µS/cm	2.002 mg/L	1.64 NTU	100.6 mV	27.20 ft	150.0 ml/min

Samples

Sample ID:	Description:
HAM-GWC-38	Grab.
HAM-HLF-F-FD-03	Grab.

Low-Flow Test Report:

Test Date / Time: 5/21/2026 3:40:57 PM
Project: GP-Plant Hammond
Operator Name: A. Ullrich

Location Name: GWC-39 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 17.31 ft** **Total Depth: 27.31 ft** **Initial Depth to Water: 8.86 ft**	**Pump Type: Peristaltic** **Tubing Type: Poly** **Pump Intake From TOC: 22.31 ft** **Estimated Total Volume Pumped: 20.25 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 0.11 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1265019**

Test Notes:
6 bottles: App. I, III, and IV Permit Metals.

Weather Conditions:
Cloudy, 89 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	
5/21/2026 3:40 PM	00:00	11.28 pH	21.77 °C	221.1 µS/cm	0.879 mg/L	4.68 NTU	-43.0 mV	8.86 ft	150.0 ml/min
5/21/2026 3:45 PM	05:00	11.18 pH	21.28 °C	181.2 µS/cm	0.755 mg/L	3.17 NTU	52.5 mV	8.87 ft	150.0 ml/min
5/21/2026 3:50 PM	10:00	10.54 pH	21.02 °C	136.4 µS/cm	0.543 mg/L	1.71 NTU	79.2 mV	8.87 ft	150.0 ml/min
5/21/2026 3:55 PM	15:00	10.23 pH	20.93 °C	144.3 µS/cm	0.433 mg/L	1.20 NTU	56.6 mV	8.87 ft	150.0 ml/min
5/21/2026 4:00 PM	20:00	9.872 pH	21.06 °C	161.8 µS/cm	0.367 mg/L	1.60 NTU	38.1 mV	8.93 ft	150.0 ml/min
5/21/2026 4:05 PM	25:00	9.527 pH	21.46 °C	179.7 µS/cm	0.314 mg/L	1.36 NTU	33.0 mV	8.93 ft	150.0 ml/min
5/21/2026 4:10 PM	30:00	9.561 pH	21.05 °C	188.8 µS/cm	0.284 mg/L	1.54 NTU	27.0 mV	8.92 ft	150.0 ml/min
5/21/2026 4:15 PM	35:00	9.355 pH	21.46 °C	197.0 µS/cm	0.259 mg/L	1.17 NTU	-18.4 mV	8.92 ft	150.0 ml/min
5/21/2026 4:20 PM	40:00	9.300 pH	21.10 °C	200.8 µS/cm	0.243 mg/L	1.60 NTU	-113.2 mV	8.92 ft	150.0 ml/min
5/21/2026 4:25 PM	45:00	8.788 pH	21.01 °C	215.8 µS/cm	0.222 mg/L	1.39 NTU	-197.2 mV	8.94 ft	150.0 ml/min
5/21/2026 4:30 PM	50:00	8.898 pH	21.15 °C	214.8 µS/cm	0.206 mg/L	2.13 NTU	-242.9 mV	8.94 ft	150.0 ml/min
5/21/2026 4:35 PM	55:00	8.745 pH	21.25 °C	218.9 µS/cm	0.190 mg/L	2.09 NTU	-245.2 mV	8.94 ft	150.0 ml/min
5/21/2026 4:40 PM	01:00:00	8.591 pH	21.84 °C	216.6 µS/cm	0.180 mg/L	1.54 NTU	-249.2 mV	8.94 ft	150.0 ml/min

5/21/2026 4:45 PM	01:05:00	8.679 pH	21.64 °C	215.5 µS/cm	0.166 mg/L	2.47 NTU	-259.0 mV	8.94 ft	150.0 ml/min
5/21/2026 4:50 PM	01:10:00	8.328 pH	21.32 °C	219.8 µS/cm	0.159 mg/L	1.57 NTU	-227.2 mV	8.94 ft	150.0 ml/min
5/21/2026 4:55 PM	01:15:00	8.050 pH	21.41 °C	222.6 µS/cm	0.157 mg/L	2.08 NTU	-197.3 mV	8.94 ft	150.0 ml/min
5/21/2026 5:00 PM	01:20:00	8.004 pH	21.69 °C	223.0 µS/cm	0.154 mg/L	1.84 NTU	-192.7 mV	8.94 ft	150.0 ml/min
5/21/2026 5:05 PM	01:25:00	8.006 pH	21.60 °C	218.6 µS/cm	0.145 mg/L	1.98 NTU	-196.3 mV	8.94 ft	150.0 ml/min
5/21/2026 5:10 PM	01:30:00	7.936 pH	21.78 °C	219.4 µS/cm	0.141 mg/L	3.61 NTU	-188.2 mV	8.96 ft	150.0 ml/min
5/21/2026 5:15 PM	01:35:00	7.696 pH	21.68 °C	224.8 µS/cm	0.142 mg/L	1.87 NTU	-161.7 mV	8.98 ft	150.0 ml/min
5/21/2026 5:20 PM	01:40:00	7.610 pH	21.34 °C	224.9 µS/cm	0.141 mg/L	3.35 NTU	-158.9 mV	8.98 ft	150.0 ml/min
5/21/2026 5:24 PM	01:43:41	7.641 pH	20.99 °C	222.9 µS/cm	0.140 mg/L	1.76 NTU	-164.1 mV	8.98 ft	150.0 ml/min
5/21/2026 5:29 PM	01:48:41	7.479 pH	20.13 °C	225.7 µS/cm	0.141 mg/L	1.74 NTU	-142.4 mV	8.96 ft	150.0 ml/min
5/21/2026 5:34 PM	01:53:41	7.539 pH	20.17 °C	225.0 µS/cm	0.141 mg/L	1.67 NTU	-149.1 mV	8.96 ft	150.0 ml/min
5/21/2026 5:39 PM	01:58:41	7.431 pH	20.06 °C	224.6 µS/cm	0.142 mg/L	1.81 NTU	-136.7 mV	8.96 ft	150.0 ml/min
5/21/2026 5:44 PM	02:03:41	7.507 pH	19.67 °C	222.4 µS/cm	0.145 mg/L	2.02 NTU	-140.8 mV	8.97 ft	150.0 ml/min
5/21/2026 5:49 PM	02:08:41	7.494 pH	19.61 °C	223.5 µS/cm	0.147 mg/L	2.04 NTU	-139.1 mV	8.97 ft	150.0 ml/min
5/21/2026 5:54 PM	02:13:41	7.506 pH	19.59 °C	222.3 µS/cm	0.147 mg/L	1.94 NTU	-140.3 mV	8.97 ft	150.0 ml/min
5/21/2026 5:59 PM	02:18:41	7.468 pH	19.23 °C	220.2 µS/cm	0.144 mg/L	2.36 NTU	-135.9 mV	8.97 ft	150.0 ml/min

Samples

Sample ID:	Description:
HAM-GWC-39	Grab.

Low-Flow Test Report:

Test Date / Time: 5/20/2026 11:19:40 AM
Project: GP-Plant Hammond
Operator Name: Z. Webb

Location Name: GWC-40 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 42.86 ft** **Total Depth: 52.86 ft** **Initial Depth to Water: 31.92 ft**	**Pump Type: Bladder** **Tubing Type: Poly** **Pump Intake From TOC: 47.86 ft** **Estimated Total Volume Pumped: 116.50 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min Final Draw Down: -0.04 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1283097**

Test Notes:
6 bottles: App. I, III, and IV Permit Metals.

Weather Conditions:
Clear, 85 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
5/20/2026 11:19 AM	00:00	7.658 pH	21.50 °C	258.7 µS/cm	4.590 mg/L	588.00 NTU	109.0 mV	31.92 ft	150.0 ml/min
5/20/2026 11:24 AM	05:00	7.711 pH	21.15 °C	255.7 µS/cm	5.155 mg/L	962.00 NTU	106.0 mV	31.88 ft	150.0 ml/min
5/20/2026 11:29 AM	10:00	7.725 pH	21.19 °C	255.8 µS/cm	5.498 mg/L	658.00 NTU	99.1 mV	31.88 ft	150.0 ml/min
5/20/2026 11:34 AM	15:00	7.752 pH	20.97 °C	250.6 µS/cm	5.759 mg/L	779.00 NTU	95.0 mV	31.88 ft	150.0 ml/min
5/20/2026 11:39 AM	20:00	7.775 pH	21.01 °C	247.1 µS/cm	5.913 mg/L	755.00 NTU	92.1 mV	31.88 ft	150.0 ml/min
5/20/2026 11:44 AM	25:00	7.785 pH	21.01 °C	245.3 µS/cm	6.044 mg/L	691.00 NTU	90.2 mV	31.88 ft	150.0 ml/min
5/20/2026 11:49 AM	30:00	7.799 pH	21.05 °C	243.1 µS/cm	6.149 mg/L	673.00 NTU	88.2 mV	31.88 ft	150.0 ml/min
5/20/2026 11:54 AM	35:00	7.811 pH	21.20 °C	240.6 µS/cm	6.205 mg/L	644.00 NTU	86.8 mV	31.88 ft	150.0 ml/min
5/20/2026 11:59 AM	40:00	7.824 pH	21.28 °C	239.3 µS/cm	6.236 mg/L	608.00 NTU	85.7 mV	31.88 ft	150.0 ml/min
5/20/2026 12:04 PM	45:00	7.829 pH	21.42 °C	238.0 µS/cm	6.210 mg/L	576.00 NTU	85.2 mV	31.88 ft	150.0 ml/min
5/20/2026 12:09 PM	50:00	7.837 pH	21.40 °C	236.3 µS/cm	6.218 mg/L	559.00 NTU	84.2 mV	31.88 ft	150.0 ml/min
5/20/2026 12:14 PM	55:00	7.837 pH	21.54 °C	234.7 µS/cm	6.199 mg/L	511.00 NTU	83.7 mV	31.88 ft	150.0 ml/min
5/20/2026 12:19 PM	01:00:00	7.842 pH	21.71 °C	233.2 µS/cm	6.177 mg/L	470.00 NTU	83.6 mV	31.88 ft	150.0 ml/min

5/20/2026 12:24 PM	01:05:00	7.853 pH	21.66 °C	231.5 µS/cm	6.177 mg/L	482.00 NTU	83.6 mV	31.88 ft	150.0 ml/min
5/20/2026 12:29 PM	01:10:00	7.851 pH	21.81 °C	230.4 µS/cm	6.130 mg/L	464.00 NTU	84.2 mV	31.88 ft	150.0 ml/min
5/20/2026 12:34 PM	01:15:00	7.857 pH	21.68 °C	229.2 µS/cm	6.159 mg/L	430.00 NTU	84.6 mV	31.88 ft	150.0 ml/min
5/20/2026 12:39 PM	01:20:00	7.861 pH	21.55 °C	227.4 µS/cm	6.144 mg/L	448.00 NTU	108.4 mV	31.88 ft	150.0 ml/min
5/20/2026 12:44 PM	01:25:00	7.871 pH	21.28 °C	226.4 µS/cm	6.193 mg/L	385.00 NTU	85.3 mV	31.88 ft	150.0 ml/min
5/20/2026 12:49 PM	01:30:00	7.868 pH	21.28 °C	227.2 µS/cm	6.192 mg/L	366.00 NTU	86.0 mV	31.88 ft	150.0 ml/min
5/20/2026 12:54 PM	01:35:00	7.881 pH	21.02 °C	224.1 µS/cm	6.237 mg/L	325.00 NTU	107.5 mV	31.88 ft	150.0 ml/min
5/20/2026 12:59 PM	01:40:00	7.884 pH	20.53 °C	225.8 µS/cm	6.252 mg/L	312.00 NTU	84.6 mV	31.88 ft	200.0 ml/min
5/20/2026 1:04 PM	01:45:00	7.879 pH	20.32 °C	222.7 µS/cm	6.234 mg/L	286.00 NTU	102.9 mV	31.88 ft	200.0 ml/min
5/20/2026 1:09 PM	01:50:00	7.889 pH	19.86 °C	221.7 µS/cm	6.345 mg/L	265.00 NTU	83.3 mV	31.88 ft	200.0 ml/min
5/20/2026 1:14 PM	01:55:00	7.883 pH	19.50 °C	221.3 µS/cm	6.408 mg/L	239.00 NTU	80.7 mV	31.88 ft	250.0 ml/min
5/20/2026 1:19 PM	02:00:00	7.884 pH	19.74 °C	218.4 µS/cm	6.380 mg/L	226.00 NTU	78.7 mV	31.88 ft	250.0 ml/min
5/20/2026 1:24 PM	02:05:00	7.875 pH	19.83 °C	215.9 µS/cm	6.401 mg/L	184.00 NTU	77.9 mV	31.88 ft	250.0 ml/min
5/20/2026 1:29 PM	02:10:00	7.879 pH	19.76 °C	213.3 µS/cm	6.410 mg/L	160.00 NTU	77.8 mV	31.88 ft	250.0 ml/min
5/20/2026 1:34 PM	02:15:00	7.875 pH	19.54 °C	209.0 µS/cm	6.512 mg/L	146.00 NTU	77.9 mV	31.88 ft	250.0 ml/min
5/20/2026 1:39 PM	02:20:00	7.878 pH	19.39 °C	210.4 µS/cm	6.560 mg/L	125.00 NTU	77.5 mV	31.88 ft	250.0 ml/min
5/20/2026 1:44 PM	02:25:00	7.876 pH	19.28 °C	211.0 µS/cm	6.738 mg/L	114.00 NTU	75.1 mV	31.88 ft	250.0 ml/min
5/20/2026 1:49 PM	02:30:00	7.878 pH	19.06 °C	210.3 µS/cm	6.728 mg/L	--	75.6 mV	31.88 ft	250.0 ml/min
5/20/2026 1:54 PM	02:35:00	7.881 pH	18.99 °C	210.2 µS/cm	6.719 mg/L	--	74.5 mV	31.88 ft	250.0 ml/min
5/20/2026 1:59 PM	02:40:00	7.882 pH	18.87 °C	209.7 µS/cm	6.758 mg/L	--	72.5 mV	31.88 ft	250.0 ml/min
5/20/2026 2:04 PM	02:45:00	7.879 pH	18.75 °C	210.7 µS/cm	6.786 mg/L	--	70.8 mV	31.88 ft	250.0 ml/min
5/20/2026 2:09 PM	02:50:00	7.880 pH	18.56 °C	207.2 µS/cm	6.829 mg/L	--	68.4 mV	31.88 ft	250.0 ml/min
5/20/2026 2:14 PM	02:55:00	7.881 pH	18.43 °C	205.3 µS/cm	6.869 mg/L	--	66.8 mV	31.88 ft	250.0 ml/min
5/20/2026 2:19 PM	03:00:00	7.885 pH	18.43 °C	203.0 µS/cm	6.778 mg/L	--	66.5 mV	31.88 ft	250.0 ml/min
5/20/2026 2:24 PM	03:05:00	7.882 pH	18.43 °C	202.2 µS/cm	6.970 mg/L	--	65.8 mV	31.88 ft	250.0 ml/min
5/20/2026 2:29 PM	03:10:00	7.887 pH	18.44 °C	200.9 µS/cm	6.907 mg/L	--	64.8 mV	31.88 ft	250.0 ml/min
5/20/2026 2:34 PM	03:15:00	7.883 pH	18.34 °C	204.2 µS/cm	6.876 mg/L	--	65.0 mV	31.88 ft	250.0 ml/min
5/20/2026 2:39 PM	03:20:00	7.886 pH	18.34 °C	203.1 µS/cm	6.897 mg/L	--	79.2 mV	31.88 ft	250.0 ml/min
5/20/2026 2:44 PM	03:25:00	7.878 pH	18.26 °C	201.5 µS/cm	6.895 mg/L	--	66.5 mV	31.88 ft	250.0 ml/min

5/20/2026 2:49 PM	03:30:00	7.882 pH	18.25 °C	199.7 µS/cm	6.949 mg/L	--	65.2 mV	31.88 ft	250.0 ml/min
5/20/2026 2:54 PM	03:35:00	7.878 pH	18.26 °C	205.1 µS/cm	6.937 mg/L	54.20 NTU	64.8 mV	31.88 ft	250.0 ml/min
5/20/2026 2:59 PM	03:40:00	7.882 pH	18.47 °C	205.6 µS/cm	6.873 mg/L	--	64.5 mV	31.88 ft	250.0 ml/min
5/20/2026 3:04 PM	03:45:00	7.883 pH	18.49 °C	205.8 µS/cm	6.903 mg/L	--	64.8 mV	31.88 ft	250.0 ml/min
5/20/2026 3:09 PM	03:50:00	7.883 pH	18.44 °C	205.3 µS/cm	6.879 mg/L	--	65.3 mV	31.88 ft	250.0 ml/min
5/20/2026 3:14 PM	03:55:00	7.886 pH	18.46 °C	207.1 µS/cm	6.906 mg/L	--	65.4 mV	31.88 ft	250.0 ml/min
5/20/2026 3:19 PM	04:00:00	7.881 pH	18.38 °C	208.0 µS/cm	6.880 mg/L	--	65.8 mV	31.88 ft	250.0 ml/min
5/20/2026 3:24 PM	04:05:00	7.876 pH	18.39 °C	207.4 µS/cm	6.883 mg/L	40.10 NTU	65.6 mV	31.88 ft	250.0 ml/min
5/20/2026 3:29 PM	04:10:00	7.885 pH	18.42 °C	210.5 µS/cm	6.947 mg/L	38.90 NTU	65.4 mV	31.88 ft	250.0 ml/min
5/20/2026 3:34 PM	04:15:00	7.883 pH	18.41 °C	211.7 µS/cm	6.955 mg/L	35.20 NTU	65.5 mV	31.88 ft	250.0 ml/min
5/20/2026 3:39 PM	04:20:00	7.883 pH	18.47 °C	213.9 µS/cm	6.920 mg/L	34.10 NTU	65.2 mV	31.88 ft	250.0 ml/min
5/20/2026 3:44 PM	04:25:00	7.885 pH	18.45 °C	212.7 µS/cm	6.941 mg/L	32.40 NTU	65.2 mV	31.88 ft	250.0 ml/min
5/20/2026 3:49 PM	04:30:00	7.881 pH	18.52 °C	211.7 µS/cm	6.902 mg/L	30.80 NTU	65.3 mV	31.88 ft	250.0 ml/min
5/20/2026 3:54 PM	04:35:00	7.884 pH	18.70 °C	211.2 µS/cm	6.845 mg/L	28.60 NTU	65.4 mV	31.88 ft	250.0 ml/min
5/20/2026 3:59 PM	04:40:00	7.882 pH	18.79 °C	214.3 µS/cm	6.899 mg/L	27.90 NTU	66.4 mV	31.88 ft	250.0 ml/min
5/20/2026 4:04 PM	04:45:00	7.880 pH	18.80 °C	217.4 µS/cm	6.870 mg/L	26.50 NTU	67.2 mV	31.88 ft	250.0 ml/min
5/20/2026 4:09 PM	04:50:00	7.876 pH	18.82 °C	219.1 µS/cm	6.915 mg/L	25.10 NTU	68.1 mV	31.88 ft	250.0 ml/min
5/20/2026 4:14 PM	04:55:00	7.871 pH	19.00 °C	218.2 µS/cm	6.874 mg/L	24.90 NTU	69.6 mV	31.88 ft	250.0 ml/min
5/20/2026 4:19 PM	05:00:00	7.873 pH	19.17 °C	216.7 µS/cm	6.920 mg/L	24.40 NTU	70.1 mV	31.88 ft	250.0 ml/min
5/20/2026 4:24 PM	05:05:00	7.878 pH	19.59 °C	214.7 µS/cm	6.813 mg/L	22.70 NTU	71.3 mV	31.88 ft	250.0 ml/min
5/20/2026 4:29 PM	05:10:00	7.876 pH	19.22 °C	217.9 µS/cm	6.838 mg/L	21.30 NTU	72.7 mV	31.88 ft	250.0 ml/min
5/20/2026 4:34 PM	05:15:00	7.881 pH	19.12 °C	215.3 µS/cm	6.870 mg/L	19.80 NTU	73.8 mV	31.88 ft	250.0 ml/min
5/20/2026 4:39 PM	05:20:00	7.880 pH	19.10 °C	214.4 µS/cm	6.856 mg/L	18.40 NTU	74.1 mV	31.88 ft	250.0 ml/min
5/20/2026 4:44 PM	05:25:00	7.882 pH	19.50 °C	212.3 µS/cm	6.784 mg/L	18.20 NTU	74.1 mV	31.88 ft	250.0 ml/min
5/20/2026 4:49 PM	05:30:00	7.881 pH	19.70 °C	211.3 µS/cm	6.784 mg/L	17.20 NTU	74.7 mV	31.88 ft	250.0 ml/min
5/20/2026 4:54 PM	05:35:00	7.873 pH	19.61 °C	211.3 µS/cm	6.762 mg/L	17.10 NTU	76.0 mV	31.88 ft	250.0 ml/min
5/20/2026 4:59 PM	05:40:00	7.870 pH	19.80 °C	211.2 µS/cm	6.738 mg/L	16.50 NTU	78.0 mV	31.88 ft	250.0 ml/min
5/20/2026 5:04 PM	05:45:00	7.881 pH	19.81 °C	212.2 µS/cm	6.749 mg/L	15.80 NTU	79.0 mV	31.88 ft	250.0 ml/min
5/20/2026 5:09 PM	05:50:00	7.877 pH	19.55 °C	211.4 µS/cm	6.770 mg/L	15.60 NTU	80.7 mV	31.88 ft	250.0 ml/min

5/20/2026 5:14 PM	05:55:00	7.877 pH	19.41 °C	210.1 µS/cm	6.786 mg/L	15.70 NTU	81.0 mV	31.88 ft	250.0 ml/min
5/20/2026 5:19 PM	06:00:00	7.875 pH	20.08 °C	211.4 µS/cm	6.691 mg/L	14.40 NTU	81.7 mV	31.88 ft	250.0 ml/min
5/20/2026 5:24 PM	06:05:00	7.880 pH	20.12 °C	215.6 µS/cm	6.690 mg/L	13.80 NTU	82.2 mV	31.88 ft	250.0 ml/min
5/20/2026 5:29 PM	06:10:00	7.881 pH	20.03 °C	214.7 µS/cm	6.708 mg/L	13.20 NTU	82.8 mV	31.88 ft	250.0 ml/min
5/20/2026 5:34 PM	06:15:00	7.877 pH	20.13 °C	212.5 µS/cm	6.678 mg/L	13.00 NTU	83.5 mV	31.88 ft	250.0 ml/min
5/20/2026 5:39 PM	06:20:00	7.868 pH	20.07 °C	213.0 µS/cm	6.715 mg/L	12.20 NTU	84.4 mV	31.88 ft	250.0 ml/min
5/20/2026 5:44 PM	06:25:00	7.874 pH	19.95 °C	212.6 µS/cm	6.772 mg/L	11.80 NTU	85.1 mV	31.88 ft	250.0 ml/min
5/20/2026 5:49 PM	06:30:00	7.875 pH	19.92 °C	212.8 µS/cm	6.787 mg/L	11.30 NTU	85.7 mV	31.88 ft	250.0 ml/min
5/20/2026 5:54 PM	06:35:00	7.881 pH	20.03 °C	212.6 µS/cm	6.771 mg/L	11.60 NTU	85.1 mV	31.88 ft	250.0 ml/min
5/20/2026 5:59 PM	06:40:00	7.878 pH	20.03 °C	210.4 µS/cm	6.759 mg/L	10.80 NTU	85.7 mV	31.88 ft	250.0 ml/min
5/20/2026 6:04 PM	06:45:00	7.877 pH	19.97 °C	209.5 µS/cm	6.857 mg/L	10.50 NTU	85.7 mV	31.88 ft	250.0 ml/min
5/20/2026 6:09 PM	06:50:00	7.880 pH	19.85 °C	209.5 µS/cm	6.856 mg/L	10.80 NTU	86.1 mV	31.88 ft	250.0 ml/min
5/20/2026 6:14 PM	06:55:00	7.877 pH	19.70 °C	209.2 µS/cm	6.913 mg/L	10.10 NTU	86.1 mV	31.88 ft	250.0 ml/min
5/20/2026 6:19 PM	07:00:00	7.876 pH	19.69 °C	209.1 µS/cm	6.852 mg/L	9.98 NTU	85.9 mV	31.88 ft	250.0 ml/min
5/20/2026 6:24 PM	07:05:00	7.874 pH	19.50 °C	211.7 µS/cm	6.854 mg/L	9.87 NTU	85.7 mV	31.88 ft	250.0 ml/min
5/20/2026 6:29 PM	07:10:00	7.863 pH	19.59 °C	212.4 µS/cm	6.880 mg/L	9.31 NTU	85.9 mV	31.88 ft	250.0 ml/min
5/20/2026 6:34 PM	07:15:00	7.884 pH	19.66 °C	211.1 µS/cm	6.862 mg/L	8.99 NTU	85.5 mV	31.88 ft	250.0 ml/min
5/20/2026 6:39 PM	07:20:00	7.877 pH	19.49 °C	210.9 µS/cm	6.862 mg/L	9.02 NTU	85.4 mV	31.88 ft	250.0 ml/min
5/20/2026 6:44 PM	07:25:00	7.879 pH	19.44 °C	210.1 µS/cm	6.903 mg/L	8.64 NTU	84.7 mV	31.88 ft	250.0 ml/min
5/20/2026 6:49 PM	07:30:00	7.881 pH	19.50 °C	216.5 µS/cm	6.969 mg/L	8.38 NTU	83.9 mV	31.88 ft	250.0 ml/min
5/20/2026 6:54 PM	07:35:00	7.877 pH	19.47 °C	216.8 µS/cm	6.940 mg/L	7.69 NTU	84.2 mV	31.88 ft	250.0 ml/min
5/20/2026 6:59 PM	07:40:00	7.880 pH	19.44 °C	216.2 µS/cm	7.012 mg/L	8.01 NTU	84.3 mV	31.88 ft	250.0 ml/min
5/20/2026 7:04 PM	07:45:00	7.882 pH	19.42 °C	215.2 µS/cm	7.098 mg/L	7.82 NTU	84.4 mV	31.88 ft	250.0 ml/min
5/20/2026 7:09 PM	07:50:00	7.881 pH	19.46 °C	214.0 µS/cm	7.004 mg/L	8.13 NTU	85.0 mV	31.88 ft	250.0 ml/min
5/20/2026 7:14 PM	07:55:00	7.873 pH	19.39 °C	212.3 µS/cm	6.965 mg/L	7.68 NTU	85.5 mV	31.88 ft	250.0 ml/min
5/20/2026 7:19 PM	08:00:00	7.880 pH	19.32 °C	214.9 µS/cm	6.958 mg/L	7.61 NTU	86.1 mV	31.88 ft	250.0 ml/min
5/20/2026 7:24 PM	08:05:00	7.881 pH	19.33 °C	211.9 µS/cm	6.949 mg/L	7.43 NTU	86.2 mV	31.88 ft	250.0 ml/min
5/20/2026 7:29 PM	08:10:00	7.883 pH	19.27 °C	211.2 µS/cm	6.923 mg/L	7.26 NTU	86.6 mV	31.88 ft	250.0 ml/min
5/20/2026 7:34 PM	08:15:00	7.883 pH	19.20 °C	212.1 µS/cm	6.985 mg/L	7.11 NTU	87.0 mV	31.88 ft	250.0 ml/min

5/20/2026 7:39 PM	08:20:00	7.881 pH	19.26 °C	219.6 µS/cm	6.954 mg/L	6.65 NTU	87.3 mV	31.88 ft	250.0 ml/min
5/20/2026 7:44 PM	08:25:00	7.880 pH	19.30 °C	221.4 µS/cm	6.986 mg/L	6.32 NTU	87.7 mV	31.88 ft	250.0 ml/min
5/20/2026 7:49 PM	08:30:00	7.879 pH	19.30 °C	220.5 µS/cm	6.939 mg/L	6.07 NTU	88.5 mV	31.88 ft	250.0 ml/min
5/20/2026 7:54 PM	08:35:00	7.880 pH	19.20 °C	219.0 µS/cm	6.969 mg/L	5.62 NTU	88.9 mV	31.88 ft	250.0 ml/min
5/20/2026 7:59 PM	08:40:00	7.878 pH	19.11 °C	218.7 µS/cm	6.991 mg/L	5.49 NTU	90.0 mV	31.88 ft	250.0 ml/min
5/20/2026 8:04 PM	08:45:00	7.882 pH	18.97 °C	223.0 µS/cm	6.997 mg/L	5.26 NTU	89.9 mV	31.88 ft	250.0 ml/min
5/20/2026 8:09 PM	08:50:00	7.882 pH	18.92 °C	223.2 µS/cm	6.954 mg/L	4.94 NTU	89.8 mV	31.88 ft	250.0 ml/min

Samples

Sample ID:	Description:
HAM-GWC-40	Grab.

Low-Flow Test Report:

Test Date / Time: 5/22/2026 10:05:02 AM
Project: GP-Plant Hammond
Operator Name: Z. Webb

Location Name: GWC-41 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 50.41 ft** **Total Depth: 60.41 ft** **Initial Depth to Water: 31.98 ft**	**Pump Type: Bladder** **Tubing Type: Poly** **Pump Intake From TOC: 55.41 ft** **Estimated Total Volume Pumped: 8.00 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: 1283097**

Test Notes:
6 bottles: App. I, III, and IV Permit Metals.

Weather Conditions:
Cloudy, 75 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
5/22/2026 10:05 AM	00:00	5.818 pH	20.18 °C	65.82 µS/cm	4.145 mg/L	7.31 NTU	155.7 mV	31.98 ft	200.0 ml/min
5/22/2026 10:10 AM	05:00	5.811 pH	20.16 °C	64.61 µS/cm	4.115 mg/L	5.51 NTU	164.3 mV	32.07 ft	200.0 ml/min
5/22/2026 10:15 AM	10:00	5.818 pH	20.32 °C	64.05 µS/cm	4.065 mg/L	4.70 NTU	165.7 mV	32.07 ft	200.0 ml/min
5/22/2026 10:20 AM	15:00	5.822 pH	20.34 °C	64.25 µS/cm	4.090 mg/L	3.48 NTU	164.5 mV	32.08 ft	200.0 ml/min
5/22/2026 10:25 AM	20:00	5.815 pH	20.75 °C	64.50 µS/cm	4.127 mg/L	2.95 NTU	210.3 mV	32.08 ft	200.0 ml/min
5/22/2026 10:30 AM	25:00	5.829 pH	20.83 °C	64.20 µS/cm	4.088 mg/L	3.08 NTU	165.7 mV	32.08 ft	200.0 ml/min
5/22/2026 10:35 AM	30:00	5.832 pH	20.11 °C	63.89 µS/cm	4.076 mg/L	2.73 NTU	164.0 mV	32.08 ft	200.0 ml/min

Samples

Sample ID:	Description:
HAM-GWC-41	Grab.

CALIBRATION REPORTS

February 2026

Site Name: Plant Hammond

Calibrated By: Z. Wolfe

Field Instrumentation Calibration Form

Date: 2-7-26

Field Conditions: Clear, 38°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	1283101
Turbidity Meter	LaMotte 2020we	1475-4011

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24021650	9/2026	AIR
pH (SU)	4.00	24021650	9/2026	AIR
pH (SU)	7.00	24021711	9/2026	AIR
pH (SU)	10.00	24022784	9/2026	AIR
D.O. (%)	N/A	—	—	—
ORP (mV)	228.0	24020598	9/2026	AIR

Calibration					
Time Start 0707		Time Finish 0732			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	8.283	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	8.422	± 0.1	GWMP
pH (SU)	7.00	7.00	8.755	± 0.1	GWMP
pH (SU)	10.00	10.00	8.856	± 0.1	GWMP
D.O. (%)	N/A	100%	6.532	± 10%	NA
ORP (mV)	228.0	228.0	8.554	± 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 1114		Time Finish 1127			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	14.20	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	14.39	± 0.1	GWMP
pH (SU)	7.00	7.00	13.67	± 0.1	GWMP
pH (SU)	10.00	10.00	12.14	± 0.1	GWMP

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

Notes: No comments.

ZW 2-7-26

Site Name: Plant Hammond

Calibrated By: Z. Webb

Field Instrumentation Calibration Form

Date: 2-8-26

Field Conditions: Clear, 26°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTrac 450	1283101
Turbidity Meter	LaMotte 2020we	1475-4011

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24021650	9/2026	AIR
pH (SU)	4.00	24021650	9/2026	AIR
pH (SU)	7.00	24021711	9/2026	AIR
pH (SU)	10.00	24022724	9/2026	AIR
D.O. (%)	N/A	—	—	—
ORP (mV)	228.0	24020598	9/2026	AIR

Calibration					
Time Start 0710		Time Finish 0735			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	4.349	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	4.435	± 0.1	GWMP
pH (SU)	7.00	7.00	4.398	± 0.1	GWMP
pH (SU)	10.00	10.00	4.956	± 0.1	GWMP
D.O. (%)	N/A	100%	3.555	± 10%	NA
ORP (mV)	228.0	228.0	4.859	± 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 1354		Time Finish ~~0280~~ ZW 1404			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	10.22	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	10.25	± 0.1	GWMP
pH (SU)	7.00	7.00	8.944	± 0.1	GWMP
pH (SU)	10.00	10.00	8.293	± 0.1	GWMP

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

Notes: Recalibrated DO during mid-day cal; 100%, 8.944°C

ZW 2-8-26

Site Name: Plant Hammond / Hurtaker **Field Instrumentation Calibration Form**

Date: 2/8/2026

Calibrated By: S. Weatherly

Field Conditions: Clear, 28°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AIR / AquaTroll 400	1783118
Turbidity Meter	LaMotte / 2023v	4139-2623

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24071650	09/2026	AIR
pH (SU)	4.00	24021650	09/2026	AIR
pH (SU)	7.00	24021711	09/2026	AIR
pH (SU)	10.00	24022784	09/2026	AIR
D.O. (%)	N/A			
ORP (mV)	228.0	24020598	09/2026	AIR

Calibration					
Time Start 0721		Time Finish 0735			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	8.689	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	8.844	± 0.1	GWMP
pH (SU)	7.00	7.00	8.822	± 0.1	GWMP
pH (SU)	10.00	10.00	8.733	± 0.1	GWMP
D.O. (%)	N/A	100%	6.337	± 10%	NA
ORP (mV)	228.0	228.0	8.567	± 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 1417		Time Finish 1431			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	20.14	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	19.99	± 0.1	GWMP
pH (SU)	7.00	7.00	18.39	± 0.1	GWMP
pH (SU)	10.00	10.00	16.89	± 0.1	GWMP

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

Notes: No comments.

SW 2/8/2026

Site Name: PLANT HAMMOND

Calibrated By: A. ULLRICH

Field Instrumentation Calibration Form

Date: 2/8/2026

Field Conditions: CLEAR, 26°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AQUATROLL	1283501
Turbidity Meter	LAMOTTE	1571-3019

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24021650	9/26	ATK
pH (SU)	4.00	24021650	↓	↓
pH (SU)	7.00	24021711		
pH (SU)	10.00	26022784		
D.O. (%)	N/A	—		
ORP (mV)	228.0	24020598	↓	↓

Calibration					
Time Start 0705		Time Finish 0720			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	9.393	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	8.639	± 0.1	GWMP
pH (SU)	7.00	7.00	9.066	± 0.1	GWMP
pH (SU)	10.00	10.00	9.403	± 0.1	GWMP
D.O. (%)	N/A	100.0	7.167	± 10%	NA
ORP (mV)	228.0	228	9.361	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0	± 10% of standard	EPA 2023
	1	1.0		
	10	10.0		
	—	—		

Calibration Check					
Time Start 1315		Time Finish 1330			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	16.70	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	17.19	± 0.1	GWMP
pH (SU)	7.00	7.00	17.17	± 0.1	GWMP
pH (SU)	10.00			± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0	± 10% of standard	EPA 2023
	1	1.1		
	10	10.00		
	—	—		

Notes: No comments

AU 2/8/26

Site Name: Plant Hammond

Calibrated By: Z. Webb

Field Instrumentation Calibration Form

Date: 2-9-26

Field Conditions: Clear, 36°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTrolL 400	1283101
Turbidity Meter	LaMotte 2020e	1475-4011

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4.490	24021650	9/2026	AIR
pH (SU)	4.00	24021650	9/2026	AIR
pH (SU)	7.00	24021711	9/2026	AIR
pH (SU)	10.00	24022784	9/2026	AIR
D.O. (%)	N/A	—		—
ORP (mV)	228.0	24020598	9/2026	AIR

Calibration					
Time Start 0714		Time Finish 0737			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	4.490	8.443	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	8.943	± 0.1	GWMP
pH (SU)	7.00	7.00	8.224	± 0.1	GWMP
pH (SU)	10.00	10.00	8.325	± 0.1	GWMP
D.O. (%)	N/A	100%	8.233	± 10%	NA
ORP (mV)	228.0	228.0	8.284	± 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 1323		Time Finish 1343			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	4.490	15.40	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	14.76	± 0.1	GWMP
pH (SU)	7.00	7.00	12.85	± 0.1	GWMP
pH (SU)	10.00	10.00	11.92	± 0.1	GWMP

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

Notes: Recalibrate DO during mid-day. DO=100% 13.76 °C

ZW 2-9-26

Site Name: Plant Hammond

Calibrated By: S. Weatherly

Field Instrumentation Calibration Form

Date: 2/9/2026

Field Conditions: Clear, 40°

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AIR/Aqua/Vq1400	1783118
Turbidity Meter	LaMotte/2021	4139-2623

Calibration Standard Information

Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24021650	09/2026	AIR
pH (SU)	4.00	24021650	09/2026	AIR
pH (SU)	7.00	24021711	09/2026	AIR
pH (SU)	10.00	24022784	09/2026	AIR
D.O. (%)	N/A			
ORP (mV)	228.0	24020598	09/2026	AIR

Calibration

Time Start 0732 Time Finish 0744

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	12.67	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	12.21	± 0.1	GWMP
pH (SU)	7.00	7.00	11.70	± 0.1	GWMP
pH (SU)	10.00	10.00	11.23	± 0.1	GWMP
D.O. (%)	N/A	100%	9.227	± 10%	NA
ORP (mV)	228.0	228.0	10.59	± 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 1408 Time Finish 1416

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	12.57	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	12.49	± 0.1	GWMP
pH (SU)	7.00	7.00	11.42	± 0.1	GWMP
pH (SU)	10.00	10.00	10.73	± 0.1	GWMP

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

Notes: No Comments.

SW 2/9/2026

Site Name: PLANT HAMMOND

Calibrated By: A. ULLRICH

Field Instrumentation Calibration Form

Date: 2/9/2026

Field Conditions: CLEAR

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AQUAPROLL	1283501
Turbidity Meter	LAMOTTE	1571-3019

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24021650	9/26	AIR
pH (SU)	4.00	24021650	↓	↓
pH (SU)	7.00	24021711	↓	↓
pH (SU)	10.00	24022784	↓	↓
D.O. (%)	N/A		↓	↓
ORP (mV)	228.0	24020598	↓	↓

Calibration					
Time Start 0720		Time Finish 0735			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	10.06	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	10.11	± 0.1	GWMP
pH (SU)	7.00	6.94	10.34	± 0.1	GWMP
pH (SU)	10.00	10.09	10.35	± 0.1	GWMP
D.O. (%)	N/A	100	9.760	± 10%	NA
ORP (mV)	228.0	226.8	9.531	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0.0	0.0	± 10% of standard	EPA 2023
	1.00	1.08		
	10.00	10.00		

Calibration Check					
Time Start 1305		Time Finish 1315			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4407	11.18	± 10% of standard	EPA 2023
pH (SU)	4.00	4.100	11.03	± 0.1	GWMP
pH (SU)	7.00	7.100	10.39	± 0.1	GWMP
pH (SU)	10.00	10.10	9.981	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0.0	0.0	± 10% of standard	EPA 2023
	1.0	1.1		
	10.0	10.0		

Notes: No comments

AU 2/9/26

Site Name: Plant Hammond

Calibrated By: Z. Webb

Field Instrumentation Calibration Form

Date: 2-10-26

Field Conditions: Clear, 41°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aqua Troll 400	1263118
Turbidity Meter	La Motte 2020we	1475-4011

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24021650	9/2026	AIR
pH (SU)	4.00	24021650	9/2026	AIR
pH (SU)	7.00	24021711	9/2026	AIR
pH (SU)	10.00	24022784	9/2026	AIR
D.O. (%)	N/A	—	~~9/2026~~ ZW	—
ORP (mV)	228.0	24020598	9/2026	AIR

Calibration					
Time Start 0705		Time Finish 0727			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	9.662	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	10.12	± 0.1	GWMP
pH (SU)	7.00	7.00	10.78	± 0.1	GWMP
pH (SU)	10.00	10.00	11.06	± 0.1	GWMP
D.O. (%)	N/A	100%	9.103	± 10%	NA
ORP (mV)	228.0	228.0	10.98	± 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 1335		Time Finish 1350			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	19.99	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	20.16	± 0.1	GWMP
pH (SU)	7.00	7.00	19.77	± 0.1	GWMP
pH (SU)	10.00	10.00	19.63	± 0.1	GWMP

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

Notes: No comments

ZW 2-10-26

Site Name: Huffaker LF

Calibrated By: Z. Webb

Field Instrumentation Calibration Form

Date: 2-16-26

Field Conditions: Clear, 58°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	883553
Turbidity Meter	LaMotte	1511-4111

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24021650	9/2026	AIR
pH (SU)	4.00	24021650	9/2026	AIR
pH (SU)	7.00	24021911	9/2026	AIR
pH (SU)	10.00	24022784	9/2026	AIR
D.O. (%)	N/A	—	—	—
ORP (mV)	228.0	24020598	9/2026	AIR

Calibration					
Time Start 1435		Time Finish 1511			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	20.53	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	20.50	± 0.1	GWMP
pH (SU)	7.00	7.00	18.52	± 0.1	GWMP
pH (SU)	10.00	10.00	18.15	± 0.1	GWMP
D.O. (%)	N/A	100%	25.03	± 10%	NA
ORP (mV)	228.0	228.0	18.29	± 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		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490			± 10% of standard	EPA 2023
pH (SU)	4.00			± 0.1	GWMP
pH (SU)	7.00			± 0.1	GWMP
pH (SU)	10.00			± 0.1	GWMP

ZW 2-16-26

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

Notes: DO % sat. took a long time to stabilize - possible issue w/ DO probe.

ZW 2-16-26

Site Name: PLANT HAMMOND

Calibrated By: A. ULRICH

Field Instrumentation Calibration Form

Date: 2/16/2026

Field Conditions: CLEAR, 58°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AQUATROLL	883530
Turbidity Meter	LAMOTTE	4123-2023

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24021650	9/26	AIR
pH (SU)	4.00	24021650	↓	↓
pH (SU)	7.00	24021711	↓	↓
pH (SU)	10.00	24022784	↓	↓
D.O. (%)	N/A	—	↓	↓
ORP (mV)	228.0	24020598	↓	↓

Calibration					
Time Start	1513	Time Finish	1530		
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	19.95	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	19.97	± 0.1	GWMP
pH (SU)	7.00	7.00	19.46	± 0.1	GWMP
pH (SU)	10.00	10.00	18.99	± 0.1	GWMP
D.O. (%)	N/A	100%	19.47	± 10%	NA
ORP (mV)	228.0	228	18.88	± 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		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490			± 10% of standard	EPA 2023
pH (SU)	4.00			± 0.1	GWMP
pH (SU)	7.00			± 0.1	GWMP
pH (SU)	10.00			± 0.1	GWMP

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

Notes: NO MIDDAY CALIBRATION.
SPONGES NOT INCLUDED IN AQUATROLL KIT. D/O CALIBRATED USING SATURATED CLOTH MATERIAL.

AU 2/16/26

Site Name: Huffaker LF

Calibrated By: Z. Webb

Field Instrumentation Calibration Form

Date: 2-17-26

Field Conditions: Clear 37°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	883553
Turbidity Meter	LaMotte 2020we	1511-4111

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24021650	9/2026	AIR
pH (SU)	4.00	24021650	9/2026	AIR
pH (SU)	7.00	24021711	9/2026	AIR
pH (SU)	10.00	24022787	9/2026	AIR
D.O. (%)	N/A	—	—	—
ORP (mV)	228.0	24020598	9/2026	AIR

Calibration					
Time Start 0720		Time Finish 0744			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	11.66	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	11.80	± 0.1	GWMP
pH (SU)	7.00	7.00	12.51	± 0.1	GWMP
pH (SU)	10.00	1000	12.99	± 0.1	GWMP
D.O. (%)	N/A	100%	11.48	± 10%	NA
ORP (mV)	228.0	228.0	13.03	± 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 1224		Time Finish 1238			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	18.61	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	18.28	± 0.1	GWMP
pH (SU)	7.00	7.00	16.11	± 0.1	GWMP
pH (SU)	10.00	10.00	15.15	± 0.1	GWMP

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

Notes: No comments.

ZW 2-17-26

Site Name: PLANT HAMMOND

Calibrated By: A. ULLRICH

Field Instrumentation Calibration Form

Date: 2/17/2026

Field Conditions: CLEAR, 39°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AQUATROLL	893530
Turbidity Meter	LAMOTTE	4123-2623

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24021650	9/26	AIR
pH (SU)	4.00	24021650	↓	↓
pH (SU)	7.00	24021711	↓	↓
pH (SU)	10.00	24022784	↓	↓
D.O. (%)	N/A	—	↓	↓
ORP (mV)	228.0	24020598	↓	↓

Calibration					
Time Start 0715		Time Finish 0730			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	13.58	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	13.58	± 0.1	GWMP
pH (SU)	7.00	7.00	13.93	± 0.1	GWMP
pH (SU)	10.00	10.00	14.36	± 0.1	GWMP
D.O. (%)	N/A	100	12.95	± 10%	NA
ORP (mV)	228.0	228	14.36	± 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 1400		Time Finish 1415			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	17.90	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	17.73	± 0.1	GWMP
pH (SU)	7.00	7.00	16.94	± 0.1	GWMP
pH (SU)	10.00	10.00	16.72	± 0.1	GWMP

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

Notes: NO COMMENTS.

AU 2/17/2026

Site Name: Huffaker

Calibrated By: Z. Weft

Field Instrumentation Calibration Form

Date: 2-18-26

Field Conditions: Cloudy, 54°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	803553
Turbidity Meter	La Motte 2020we	1511-4111

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24021650	9/2026	AIR
pH (SU)	4.00	24021650	9/2026	AIR
pH (SU)	7.00	24021911	9/2026	AIR
pH (SU)	10.00	24022784	9/2026	AIR
D.O. (%)	N/A	—	—	—
ORP (mV)	228.0	24020598	9/2026	AIR

Calibration					
Time Start 0752		Time Finish 0816			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	13.57	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	14.00	± 0.1	GWMP
pH (SU)	7.00	7.00	14.44	± 0.1	GWMP
pH (SU)	10.00	10.00	14.67	± 0.1	GWMP
D.O. (%)	N/A	100%	14.49	± 10%	NA
ORP (mV)	228.0	228.0	14.67	± 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		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490			± 10% of standard	EPA 2023
pH (SU)	4.00			± 0.1	GWMP
pH (SU)	7.00			± 0.1	GWMP
pH (SU)	10.00	ZW 2-18-26		± 0.1	GWMP

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

Notes:

~~No comments~~ ZW. No Mid-day calibration (only one sample).

ZW 2-18-26

Site Name: HUGEAKER

Calibrated By: A. ULLRICH

Field Instrumentation Calibration Form

Date: 2/18/2026

Field Conditions: CLOUDY, 55°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AQUATROLL	885530
Turbidity Meter	LAMOTTE	4123-7623

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24021650	9/26	AIR
pH (SU)	4.00	24021640	↓	↓
pH (SU)	7.00	24021711	↓	↓
pH (SU)	10.00	24022784	↓	↓
D.O. (%)	N/A	—	↓	↓
ORP (mV)	228.0	24020598	↓	↓

Calibration					
Time Start	0730	Time Finish	0745		
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	14.64	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	14.68	± 0.1	GWMP
pH (SU)	7.00	7.00	15.24	± 0.1	GWMP
pH (SU)	10.00	10.00	15.62	± 0.1	GWMP
D.O. (%)	N/A	100	14.35	± 10%	NA
ORP (mV)	228.0	228	15.75	± 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		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	AU		± 10% of standard	EPA 2023
pH (SU)	4.00			± 0.1	GWMP
pH (SU)	7.00			± 0.1	GWMP
pH (SU)	10.00			± 0.1	GWMP

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

Notes: NO MOODY CALIBRATION

AU 2/18/26

Site Name: Huffaker LF

Calibrated By: Z. Webb

Field Instrumentation Calibration Form

Date: 2-19-26

Field Conditions: Cloudy, 61°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	883553
Turbidity Meter	LaMotte 2020we	1511-4111

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24021650	9/2026	AIR
pH (SU)	4.00	24021650	9/2026	AIR
pH (SU)	7.00	24021711	9/2026	AIR
pH (SU)	10.00	24022784	9/2026	AIR
D.O. (%)	N/A	—	—	—
ORP (mV)	228.0	24020598	9/2026	AIR

Calibration					
Time Start 0708		Time Finish 0724			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	16.51	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	16.60	± 0.1	GWMP
pH (SU)	7.00	7.00	16.69	± 0.1	GWMP
pH (SU)	10.00	10.00	16.76	± 0.1	GWMP
D.O. (%)	N/A	100%	16.61	± 10%	NA
ORP (mV)	228.0	228.0	16.70	± 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		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490			± 10% of standard	EPA 2023
pH (SU)	4.00			± 0.1	GWMP
pH (SU)	7.00			± 0.1	GWMP
pH (SU)	10.00			± 0.1	GWMP

ZW 2-19-26

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

Notes: No Mid-day calibration.

ZW 2-19-26

SCS

Site Name: Huffville LF

Calibrated By: Jacob Tracy

Field Instrumentation Calibration Form

Date: 02/19/24

Field Conditions: Cloudy, 60s

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	In Situ	883530
Turbidity Meter	LaMotte	4123-2623

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24021650	09/2020	Aqua
pH (SU)	4.00	24021650	09/26	
pH (SU)	7.00	24021711	09/2026	
pH (SU)	10.00	24022724	09/2026	
D.O. (%)	N/A			
ORP (mV)	228.0	24020598	09/2026	

Calibration					
Time Start 0825		Time Finish 0855			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	18.27	± 10% of standard	EPA 2023
pH (SU)	4.00	4.09	18.31	± 0.1	GWMP
pH (SU)	7.00	7.00	18.17	± 0.1	GWMP
pH (SU)	10.00	10.0	18.18	± 0.1	GWMP
D.O. (%)	N/A	100		± 10%	NA
ORP (mV)	228.0	228	18.35	± 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		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	JT	02/19/2026	± 10% of standard	EPA 2023
pH (SU)	4.00			± 0.1	GWMP
pH (SU)	7.00			± 0.1	GWMP
pH (SU)	10.00			± 0.1	GWMP

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

Notes: NO Midday calibration JT 02/19/2026

Site Name: Huffaker LF

Calibrated By: J. Tracy

Field Instrumentation Calibration Form

Date: 02/20/2020

Field Conditions: Cloudy 60's

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	In Situ	883550
Turbidity Meter	LaMotte	4123-2023

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24021650	09/2026	AER
pH (SU)	4.00	24021630		
pH (SU)	7.00	24021711		
pH (SU)	10.00	24022700		
D.O. (%)	N/A			
ORP (mV)	228.0	24020598		

Calibration					
Time Start 0910		Time Finish 0935			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4492	20.22	± 10% of standard	EPA 2023
pH (SU)	4.00	4.02		± 0.1	GWMP
pH (SU)	7.00	7.026	20.40	± 0.1	GWMP
pH (SU)	10.00	9.995	20.53	± 0.1	GWMP
D.O. (%)	N/A	101	20.48	± 10%	NA
ORP (mV)	228.0	228	20.42	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.0	± 10% of standard	EPA 2023
	1	1.07		
	10	9.94		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490			± 10% of standard	EPA 2023
pH (SU)	4.00	JT 02/20/2026		± 0.1	GWMP
pH (SU)	7.00			± 0.1	GWMP
pH (SU)	10.00			± 0.1	GWMP

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

Notes: NO midday calibration

JT 02/20/26

Site Name: Huffaker LF

Calibrated By: Z. Webb

Field Instrumentation Calibration Form

Date: 2-20-26

Field Conditions: Cloudy, 63°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	883553
Turbidity Meter	La Motte 2020we	1511-4111

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24021650	9/2026	AIR
pH (SU)	4.00	24021650	9/2026	AIR
pH (SU)	7.00	24021711	9/2026	AIR
pH (SU)	10.00	24022784	9/2026	AIR
D.O. (%)	N/A	—	—	—
ORP (mV)	228.0	24020598	9/2026	AIR

Calibration					
Time Start 0708		Time Finish 0724			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	16.51	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	16.60	± 0.1	GWMP
pH (SU)	7.00	7.00	16.64	± 0.1	GWMP
pH (SU)	10.00	10.00	16.76	± 0.1	GWMP
D.O. (%)	N/A	100%	16.61	± 10%	NA
ORP (mV)	228.0	228.0	16.70	± 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		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490			± 10% of standard	EPA 2023
pH (SU)	4.00			± 0.1	GWMP
pH (SU)	7.00			± 0.1	GWMP
pH (SU)	10.00			± 0.1	GWMP

ZW 2-20-26

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

Notes: No Mid-day calibration.

ZW 2-20-26

Site Name: Plant Hammond

Calibrated By: Z. Webb

Field Instrumentation Calibration Form

Date: 2-21-26

Field Conditions: Clear, 60° F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aquaprobe 400	883553
Turbidity Meter	LaMotte 2020we	1511-4111

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24021650	9/2026	AIR
pH (SU)	4.00	24021650	9/2026	AIR
pH (SU)	7.00	24021711	9/2026	AIR
pH (SU)	10.00	24022784	9/2026	AIR
D.O. (%)	N/A	—	—	—
ORP (mV)	228.0	24020598	9/2026	AIR

Calibration					
Time Start 0800		Time Finish 0824			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	16.15	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	16.56	± 0.1	GWMP
pH (SU)	7.00	7.00	16.47	± 0.1	GWMP
pH (SU)	10.00	10.00	16.49	± 0.1	GWMP
D.O. (%)	N/A	100%	14.40	± 10%	NA
ORP (mV)	228.0	228.0	16.83	± 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 1337		Time Finish 1348			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	24.33	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	24.50	± 0.1	GWMP
pH (SU)	7.00	7.00	23.48	± 0.1	GWMP
pH (SU)	10.00	10.00	22.76	± 0.1	GWMP

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

Notes: No comments.

ZL 2-21-26

Site Name: Plant Hammond

Calibrated By: Z. Webb

Field Instrumentation Calibration Form

Date: 2-22-26

Field Conditions: Clear, 50°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTrolL400	883555
Turbidity Meter	LaMotte 2020we	1511-4111

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24021650	9/2026	AIR
pH (SU)	4.00	24021650	9/2026	AIR
pH (SU)	7.00	24021711	9/2026	AIR
pH (SU)	10.00	24022784	9/2026	AIR
D.O. (%)	N/A	—	—	—
ORP (mV)	228.0	24020598	9/2026	AIR

Calibration					
Time Start 1022		Time Finish 1058			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	~~13.90~~ 13.90	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	13.80	± 0.1	GWMP
pH (SU)	7.00	7.00	13.58	± 0.1	GWMP
pH (SU)	10.00	10.00	13.06	± 0.1	GWMP
D.O. (%)	N/A	100.2	9.609	± 10%	NA
ORP (mV)	228.0	228.0	12.67	± 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 1149		Time Finish 1459			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	11.77	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	11.94	± 0.1	GWMP
pH (SU)	7.00	7.00	11.57	± 0.1	GWMP
pH (SU)	10.00	10.00	10.75	± 0.1	GWMP

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

Notes: DO took longer than usual to stabilize.

ZW 2-22-26

May 2026

Site Name: Huffaker

Calibrated By: ZW

Field Instrumentation Calibration Form

Date: 5-1-26

Field Conditions: Cloudy, 50°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	952637
Turbidity Meter	Hach 2100Q	210300006.00

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24021650	9/26	AIR
pH (SU)	4.00	24021650	9/26	AIR
pH (SU)	7.00	24021711	9/26	AIR
pH (SU)	10.00	24022784	9/26	AIR
D.O. (%)	N/A	—	—	AIR
ORP (mV)	228.0	24020598	9/26	AIR

Calibration					
Time Start 0720		Time Finish 0744			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	18.93	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	18.97	± 0.1	GWMP
pH (SU)	7.00	7.00	19.08	± 0.1	GWMP
pH (SU)	10.00	10.00	19.10	± 0.1	GWMP
D.O. (%)	N/A	100%	18.34	± 10%	NA
ORP (mV)	228.0	228.0	17.01	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	20	± 10% of standard	EPA 2023
	100	100		
	800	800		
	—	—		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490			± 10% of standard	EPA 2023
pH (SU)	4.00			± 0.1	GWMP
pH (SU)	7.00			± 0.1	GWMP
pH (SU)	10.00	ZW 5-1-26		± 0.1	GWMP

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

Notes: No Midday cal.

Site Name: Huffaker

Calibrated By: Z. Weff

Field Instrumentation Calibration Form

Date: 5-18-26

Field Conditions: Clear, 72°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	1283097
Turbidity Meter	HACH 2100Q	22070D000853

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4.490	24021650	09/26	AIR
pH (SU)	4.00	24021650	09/26	AIR
pH (SU)	7.00	24021711	09/26	AIR
pH (SU)	10.00	24022784	09/26	AIR
D.O. (%)	N/A	—	—	—
ORP (mV)	228.0	24020598	09/26	AIR

Calibration					
Time Start 1025		Time Finish 1055			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	25.05	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	25.42	± 0.1	GWMP
pH (SU)	7.00	7.00	26.25	± 0.1	GWMP
pH (SU)	10.00	10.00	26.96	± 0.1	GWMP
D.O. (%)	N/A	100%	27.89	± 10%	NA
ORP (mV)	228.0	228.0	27.34	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	9.61	± 10% of standard	EPA 2023
	20	20.2		
	100	99.1		
	800	798		

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

ZW 5-18-26

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

Notes: No mid-day calibration.

ZW 5-18-26

Site Name: HUGGAKER

Calibrated By: A. ULLRICH

Field Instrumentation Calibration Form

Date: 5/18/2026

Field Conditions: CLEAR
H: 84, L: 64°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AQUATROLL	1265017
Turbidity Meter	HACH	24080D000336

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24071650	9/2026	ATR
pH (SU)	4.00	24071650	↓	↓
pH (SU)	7.00	24071711	↓	↓
pH (SU)	10.00	24022784	↓	↓
D.O. (%)	N/A	N/A	↓	↓
ORP (mV)	228.0	24020598	↓	↓

Calibration					
Time Start	1308	Time Finish	1330		
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4,664	32.91	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	32.77	± 0.1	GWMP
pH (SU)	7.00	7.09	31.54	± 0.1	GWMP
pH (SU)	10.00	10.00	32.01	± 0.1	GWMP
D.O. (%)	N/A	100	32.58	± 10%	NA
ORP (mV)	228.0	228	32.45	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	9.7	± 10% of standard	EPA 2023
	20	19.8		
	100	100		

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

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

Notes: No midday calibration.

AU 5/18/26

Site Name: Muffler

Calibrated By: ZW

Field Instrumentation Calibration Form

Date: 5-19-26

Field Conditions: Clear, 70°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aqua Troll 400	1283097
Turbidity Meter	HACH 2100Q	22070D00046 3

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24621650	09/26	AIR
pH (SU)	4.00	24621650	09/26	AIR
pH (SU)	7.00	24021711	09/26	AIR
pH (SU)	10.00	24022784	09/26	AIR
D.O. (%)	N/A	—	—	—
ORP (mV)	228.0	24020598	09/26	AIR

Calibration					
Time Start 0825		Time Finish 0854			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	25.23	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	25.51	± 0.1	GWMP
pH (SU)	7.00	7.00	25.88	± 0.1	GWMP
pH (SU)	10.00	10.00	26.26	± 0.1	GWMP
D.O. (%)	N/A	100%	26.21	± 10%	NA
ORP (mV)	228.0	228.0	26.28	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	9.49	± 10% of standard	EPA 2023
	20	20.3		
	100	108		
	800	796		

Calibration Check					
Time Start 1255		Time Finish 1321			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	35.22	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	34.97	± 0.1	GWMP
pH (SU)	7.00	7.00	33.49	± 0.1	GWMP
pH (SU)	10.00	10.00	33.39	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	9.72	± 10% of standard	EPA 2023
	20	20		
	100	100		
	800	800		

Notes: Mid-day cal - allow turbidity meter to cool down before full re-cal

ZW 5-19-26

Site Name: HUFFAKER

Calibrated By: A. ULLRICH

Field Instrumentation Calibration Form

Date: 5/19/2026

Field Conditions: CLEAR, H: 89°F L: 64°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AQUATROLL	1265019
Turbidity Meter	HACH	24080D20035 6

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24021650	9/2026	AIR
pH (SU)	4.00	24021650	↓	↓
pH (SU)	7.00	24021711	↓	↓
pH (SU)	10.00	24022786	↓	↓
D.O. (%)	N/A	—	↓	↓
ORP (mV)	228.0	24020598	↓	↓

Calibration					
Time Start 1426		Time Finish 1435			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	27.40	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	27.68	± 0.1	GWMP
pH (SU)	7.00	7.000	28.92	± 0.1	GWMP
pH (SU)	10.00	9.904	28.36	± 0.1	GWMP
D.O. (%)	N/A	100	28.29	± 10%	NA
ORP (mV)	228.0	223.0	28.15	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	10	± 10% of standard	EPA 2023
	20	20		
	100	100		
	—	—		

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

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

Notes: NO MIDDAY CALIBRATION.

AU 5/19/26

Site Name: Huffaker

Calibrated By: ZW

Field Instrumentation Calibration Form

Date: 5-20-26

Field Conditions: Clear, 65°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	1285097
Turbidity Meter	HACH 2100Q	22070D00463

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24021650	09/26	AIR
pH (SU)	4.00	24021650	09/26	AIR
pH (SU)	7.00	24021711	09/26	AIR
pH (SU)	10.00	24022784	09/26	AIR
D.O. (%)	N/A	—	—	—
ORP (mV)	228.0	24020598	09/26	AIR

Calibration					
Time Start 0800		Time Finish 0825			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	25.45	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	25.51	± 0.1	GWMP
pH (SU)	7.00	7.00	26.57	± 0.1	GWMP
pH (SU)	10.00	10.00	27.15	± 0.1	GWMP
D.O. (%)	N/A	100%	26.92	± 10%	NA
ORP (mV)	228.0	228.0	27.27	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	9.52	± 10% of standard	EPA 2023
	20	20.4		
	100	99.6		
	800	780		

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

ZW 5-20-26

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

Notes: No mid-day calibration.

ZW 5-20-26

Site Name: HUFFAKER

Calibrated By: A. ULRICH

Field Instrumentation Calibration Form

Date: 5/20/2026

Field Conditions: CLEAR, H: 89°F L: 65°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AQUATROL	1265019
Turbidity Meter	HACH	24080000236

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24021650	9/26	AIR
pH (SU)	4.00	24021650	↓	↓
pH (SU)	7.00	24021711	↓	↓
pH (SU)	10.00	24022784	↓	↓
D.O. (%)	N/A		↓	↓
ORP (mV)	228.0	24020598	↓	↓

Calibration					
Time Start 0810		Time Finish 0826			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	25.35	± 10% of standard	EPA 2023
pH (SU)	4.00	4.011	25.55	± 0.1	GWMP
pH (SU)	7.00	7.039	26.12	± 0.1	GWMP
pH (SU)	10.00	10.09	26.51	± 0.1	GWMP
D.O. (%)	N/A	100	25.59	± 10%	NA
ORP (mV)	228.0	228	26.22	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	10	± 10% of standard	EPA 2023
	20	21.4		
	100	99.6		

Calibration Check					
Time Start 1554		Time Finish 1608			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	29.85	± 10% of standard	EPA 2023
pH (SU)	4.00	4.008	30.09	± 0.1	GWMP
pH (SU)	7.00	6.958	31.31	± 0.1	GWMP
pH (SU)	10.00	10.20	31.96	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	10.0	± 10% of standard	EPA 2023
	20	20.0		
	100	99.5		

Notes: N/A

AU 5/20/2026

Site Name: Huffaker

Calibrated By: ZW

Field Instrumentation Calibration Form

Date: 5-21-26

Field Conditions: Cloudy, 68°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	1283097
Turbidity Meter	HACH 2100Q	22070D000463

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24021650	09/26	AIR
pH (SU)	4.00	24021650	09/26	AIR
pH (SU)	7.00	24021711	09/26	AIR
pH (SU)	10.00	24022784	09/26	AIR
D.O. (%)	N/A	—	—	—
ORP (mV)	228.0	24020598	09/26	AIR

Calibration

Time Start 0805 Time Finish 0835

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	24.63	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	24.61	± 0.1	GWMP
pH (SU)	7.00	7.00	25.14	± 0.1	GWMP
pH (SU)	10.00	10.00	25.51	± 0.1	GWMP
D.O. (%)	N/A	100%	24.80	± 10%	NA
ORP (mV)	228.0	228.0	25.34	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	9.79	± 10% of standard	EPA 2023
	20	20.4		
	100	99.5		
	800	781		

Calibration Check

Time Start 1535 Time Finish 1555

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4496	25.69	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	25.64	± 0.1	GWMP
pH (SU)	7.00	7.00	24.42	± 0.1	GWMP
pH (SU)	10.00	10.00	24.10	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	10.5	± 10% of standard	EPA 2023
	20	21.8		
	100	97.4		
	800	796		

Notes: No comments.

ZW 5-21-26

Site Name: HUNTSAKER

Calibrated By: A. ULLROYA

Field Instrumentation Calibration Form

Date: 5/21/2026

Field Conditions: CLOUDY, RAIN
H.: 89°F, L.: 65°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AQUATROLL	1265019
Turbidity Meter	HACH	

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24021650	9/26	AIR
pH (SU)	4.00	24021650	↓	↓
pH (SU)	7.00	24021711	↓	↓
pH (SU)	10.00	24027784	↓	↓
D.O. (%)	N/A	N/A	↓	↓
ORP (mV)	228.0	24020598	↓	↓

Calibration					
Time Start 0815		Time Finish 0825			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4797	25.78	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	25.78	± 0.1	GWMP
pH (SU)	7.00	7.036	25.89	± 0.1	GWMP
pH (SU)	10.00	10.06	26.14	± 0.1	GWMP
D.O. (%)	N/A	100	25.04	± 10%	NA
ORP (mV)	228.0	230.5	26.12	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	10	± 10% of standard	EPA 2023
	20	20		
	100	100		

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

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

Notes: No midday calibration.

AU 5/21/2026

Site Name: Huffaker

Calibrated By: ZW

Field Instrumentation Calibration Form

Date: 5-22-26

Field Conditions: Cloudy, 72°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTrolL400	12830919
Turbidity Meter	HACH 2100Q	22070P000463

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24021650	9/26	AIR
pH (SU)	4.00	24021650	9/26	AIR
pH (SU)	7.00	24021711	9/26	AIR
pH (SU)	10.00	24022784	9/26	AIR
D.O. (%)	N/A	—	—	—
ORP (mV)	228.0	24020598	9/26	AIR

Calibration					
Time Start 0937		Time Finish 0957			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	20.83	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	20.94	± 0.1	GWMP
pH (SU)	7.00	7.00	21.37	± 0.1	GWMP
pH (SU)	10.00	10.00	21.50	± 0.1	GWMP
D.O. (%)	N/A	100%	21.15	± 10%	NA
ORP (mV)	228.0	228.0	21.75	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	10.4	± 10% of standard	EPA 2023
	20	21.6		
	100	107		
	800	799		

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

ZW 5-22-26

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

Notes: No mid-day calibration.

ZW 5-22-26

Site Name: Huffaker

Calibrated By: A. Ullrich

Field Instrumentation Calibration Form

Date: 5/22/2026

Field Conditions: Cloudy, Hi: 77°F Lo: 66°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aquaprobe	1265019
Turbidity Meter	HACH	

Calibration Standard Information

Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24021650	9/26	A 1/2
pH (SU)	4.00	24021650		
pH (SU)	7.00	24021711		
pH (SU)	10.00	24022784		
D.O. (%)	N/A	N/A		
ORP (mV)	228.0	26020598		

Calibration

Time Start 0905 Time Finish

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	24.90	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	24.96	± 0.1	GWMP
pH (SU)	7.00	7.021	23.13	± 0.1	GWMP
pH (SU)	10.00	9.995	25.20	± 0.1	GWMP
D.O. (%)	N/A	100	24.85	± 10%	NA
ORP (mV)	228.0	227.9	25.24	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	10	± 10% of standard	EPA 2023
	20	20		
	100	100		

Calibration Check

Time Start Time Finish

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

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

Notes: No midday calibration.

AU 5/22/26

Geosyntec consultants

APPENDIX D

Statistical Analysis Report

GROUNDWATER STATS
CONSULTING

August 31, 2026

Southern Company Services
Attn: Mr. Chris Tidwell
241 Ralph McGill Blvd NE, Bin 10160
Atlanta, Georgia 30308

Re: Plant Hammond's Huffaker Road Landfill
Background Update and Statistical Analysis – February 2026

Dear Mr. Tidwell,

Groundwater Stats Consulting, formerly the statistical consulting division of Sanitas Technologies, is pleased to provide the background update and February 2026 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-2, GWA-3, GWA-4, and GWA-11
- **Downgradient**: GWC-5, GWC-6, GWC-7, GWC-8, GWC-9, GWC-10, GWC-18, GWC-19, GWC-20, GWC-21, GWC-22, and GWC-23

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 Andrew Collins, Project Manager of Groundwater Stats Consulting.

The following constituents were evaluated:

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

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

- No statistical analyses are required on wells and analytes containing 100% non-detects (USEPA Unified Guidance, 2009, Chapter 6).
- When data contain <15% non-detects, 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 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, 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 Spring 2026

Outlier Testing

Prior to updating background data, Tukey's outlier test and visual screening were used to evaluate Appendix I & III constituents for all wells through August 2025. Tukey's test identified potential outliers for arsenic, barium, boron, calcium, chloride, copper, fluoride, TDS, and zinc. Any values identified by Tukey's but not flagged in the database appeared similar to surrounding concentrations within the respective record or resulted in statistical limits representative of near-term and potentially future background. Visual screening and Tukey's outlier test confirmed previously flagged values, with the exception of a high value previously flagged for barium at downgradient well GWC-8 which was unflagged during this analysis since it is similar to more recent concentrations. While the highest values for boron and chloride at downgradient well GWC-21 and TDS at upgradient well GWA-2 and downgradient well GWC-22 through August 2025 were not identified by Tukey's test, these measurements were flagged during this update in order to maintain conservative statistical limits. Additionally, a low non-detect value for TDS at well GWC-8 was flagged as an outlier as it is substantially below the range of all surrounding measurements. 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 2023 for Appendix I and III constituents to the new compliance samples at each well through August 2025 (Figure D). 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 2025 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. The Mann-Whitney test identified statistically significant differences (either an increase or decrease) for the following well/constituent pairs:

Increase

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

Decrease

- Antimony: GWC-22
- Barium: GWA-3 (upgradient) and GWC-7
- Boron: GWC-7
- Calcium: GWC-7
- Vanadium: GWA-4 (upgradient)

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.

Most of the statistically significant differences for both Appendix I and Appendix III constituents resulted from either reported trace values compared to non-detect results within a given record, or the reported concentrations in compliance data were within the range of or similar to observations earlier in the record. Exceptions include sulfate at upgradient well GWA-2 and downgradient well GWC-19 and TDS in upgradient well GWA-2. In these cases, while an increasing trend was observed among compliance data, the records were updated as the concentrations at GWA-2 for sulfate and TDS represent concentrations unimpacted by practices at the facility, and the resulting limit for sulfate at GWC-19 yielded a marginal change. Therefore, all records were updated with data through August 2025.

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.

<u>Seasonality</u>

Seasonal patterns were observed among wells GWC-5, GWC-7, GWC-10, GWC-21, GWC-22, and GWC-23 for barium, boron, calcium, nickel, sulfate and TDS, and data were

evaluated using the Kruskal-Wallis test to determine whether seasonality is statistically significant at the 95% confidence level (Figure E). When the test identifies seasonality, data are deseasonalized so that the resulting statistical limits will correctly account for the seasonality as a predictable pattern rather than random variation or a release. This procedure includes subtracting the seasonal mean from each value within a given season and adding the overall mean to each observation. Statistically significant seasonality was identified in the following well/constituent pairs:

- Barium: GWC-10
- Boron: GWC-5, GWC-10, GWC-21, and GWC-23
- Sulfate: GWC-22 and GWC-23

Therefore, these records are deseasonalized prior to constructing intrawell prediction limits.

Evaluation of Georgia EPD Appendix I and CCR Appendix III Constituents – February 2026

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 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.

In the event of an initial exceedance of compliance well data, the 1-of-2 resample plan allows for collection of an additional sample to determine whether the initial exceedance is confirmed. When the resample confirms the initial exceedance, a statistically significant increase (SSI) is identified, and further research would be required to identify the cause of the exceedance (i.e., impact from the site, natural variation, or an off-site source). If the resample falls within the statistical limit, the initial exceedance is considered a false positive result, and no further action is necessary.

Evaluation of Georgia EPD Appendix I Parameters – February 2026

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 2025 (Figure F). The February 2026 compliance data were compared to these intrawell background limits. No statistical analyses were included for well/constituent pairs with 100% non-detects.

A summary of the Georgia EPD Appendix I prediction limits follows this report. An exceedance was identified for barium at upgradient well GWA-2. The prediction limits for the deseasonalized cases using seasonal cutoff dates of 1/1 and 7/1 are included separately after the rest of the plots. No exceedances were identified among deseasonalized prediction limits.

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 in downgradient wells, 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 in downgradient wells, no further action was required.

Evaluation of CCR Appendix III Parameters – February 2026

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 2025 (Figure G). The February 2026 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 CCR Appendix III prediction limits follows this report. Exceedances were identified for the following well/constituent pairs:

- Calcium: GWC-19
- Chloride: GWC-21
- pH (upper limit): GWC-18
- Sulfate: GWC-19

The prediction limits for the deseasonalized cases using seasonal cutoff dates of 1/1 and 7/1 are included separately after the rest of the plots. No exceedances were identified for deseasonalized prediction limits.

Two-Step Approach

Following the two-step analysis procedure, interwell prediction limits were then constructed using pooled upgradient well data through February 2026 to evaluate the initial intrawell prediction limit exceedances for the downgradient well/constituent pairs mentioned above (Figure H). Exceedances were identified for the following well/constituent pairs:

- Chloride: GWC-21
- pH (upper limit): GWC-18

Trend Tests

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

Increasing

- Calcium: GWA-2 (upgradient)
- pH: GWA-11 (upgradient)
- Sulfate: GWA-2 (upgradient) and GWC-19

Decreasing

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

Resample Reports – May 2026

Additional data were collected in May 2026 based on the results of the two-step approach for the initial prediction limit exceedance of chloride at downgradient well GWC-21 and pH at downgradient well GWC-18. Intrawell prediction limits were constructed using background data through August 2025 to compare the resamples (Figure J). The reported measurement of 10.3 mg/L exceeded its respective limit of 6.272 mg/L for chloride at well GWC-21.

In accordance with the two-step approach, an interwell prediction limit was constructed using pooled upgradient well data through February 2026 for chloride (Figure K). The May 2026 reported measurement of 10.3 mg/L exceeded the interwell prediction limit of 8.5 mg/L for chloride at well GWC-21; therefore, the initial exceedance of chloride at well GWC-21 was confirmed.

Summary

Georgia EPD Appendix I Constituents

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

CCR Appendix III Constituents

Based on the results of the Appendix III intrawell prediction limits, followed by the two-step approach as well as the resamples, the following statistically significant exceedance was identified:

- Chloride: GWC-21

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,

Easton Rayner
Groundwater Analyst

Andrew T. Collins
Project Manager

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Summary Tables

100% Non-Detects: Appendix I

Analysis Run 4/8/2026 12:54 PM 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-19, 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: 4/6/2026 1:45 PM

Plant Hammond Client: Southern Company Data: Huffaker Road LF

Barium (mg/L)
- GWA-2 background:4/13/2010-8/9/2025
- GWA-4 background:4/13/2010-8/9/2025
- GWC-6 background:4/13/2010-8/10/2025
- GWC-7 background:4/13/2010-8/9/2025
- GWC-9 background:4/13/2010-8/9/2025
- GWC-19 background:4/13/2010-8/10/2025
- GWC-22 background:4/13/2010-8/9/2025

Beryllium (mg/L)
- GWC-7 background:4/5/2011-8/9/2025

Cobalt (mg/L)
- GWC-7 background:3/12/2013-8/9/2025

Nickel (mg/L)
- GWC-7 background:3/12/2013-8/9/2025

Sulfate (mg/L)
- GWC-20 background:4/9/2019-8/10/2025

Zinc (mg/L)
- GWC-7 background:3/13/2013-8/9/2025

Outlier Summary

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 4/8/2026, 1:46 PM

	GWC-8 Antimony (mg/L)	GWC-7 Arsenic (mg/L)	GWC-9 Barium (mg/L)	GWC-7 Beryllium (mg/L)	GWC-6 Boron (mg/L)	GWC-21 Boron (mg/L)	GWC-23 Boron (mg/L)	GWC-7 Cadmium (mg/L)	GWC-8 Calcium (mg/L)	GWC-7 Chloride (mg/L)
5/9/2007		0.038 (O)		0.28 (O)				0.023 (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										
10/19/2016						0.087 (Jo)				
12/6/2016										
12/7/2016						0.127 (o)				
2/1/2017										
2/3/2017										
3/23/2017										
3/24/2017										
3/27/2017							0.125 (o)			
10/5/2017										
10/4/2018									264 (O)	
3/30/2020										9.2 (O)
3/31/2020					0.091 (JO)					
2/19/2024										
2/21/2024										
8/11/2024										

Outlier Summary

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 4/8/2026, 1:46 PM

	GWC-20 Chloride (mg/L)	GWC-21 Chloride (mg/L)	GWC-7 Chromium (mg/L)	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-2 TDS (mg/L)
5/9/2007			0.11 (O)	6.5 (O)	0.44 (O)	18 (O)				
7/6/2007				2.1 (O)		5.9 (O)				
8/28/2007				1.4 (O)		3.9 (O)				
11/6/2007				1.1 (O)		3.1 (O)				
5/8/2008						2.1 (O)				
4/5/2011										
3/22/2016										
7/6/2016										
10/19/2016										
12/6/2016							220 (O)			
12/7/2016										
2/1/2017							190 (O)	150 (O)		
2/3/2017									38 (o)	
3/23/2017								130 (O)		
3/24/2017										
3/27/2017									43 (o)	
10/5/2017	5.5 (o)									
10/4/2018										
3/30/2020										
3/31/2020										
2/19/2024										370 (o)
2/21/2024										
8/11/2024		10 (o)								

Outlier Summary

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 4/8/2026, 1:46 PM

	GWA-3 TDS (mg/L)	GWA-4 TDS (mg/L)	GWC-8 TDS (mg/L)	GWC-18 TDS (mg/L)	GWC-19 TDS (mg/L)	GWC-22 TDS (mg/L)	GWC-7 Zinc (mg/L)
5/9/2007							45 (O)
7/6/2007							16 (O)
8/28/2007							11 (O)
11/6/2007							
5/8/2008							
4/5/2011							
3/22/2016		686 (O)					
7/6/2016		646 (O)					
10/19/2016							
12/6/2016	653 (O)	597 (O)					
12/7/2016							
2/1/2017	615 (O)	638 (O)					
2/3/2017							
3/23/2017							
3/24/2017		579 (O)					
3/27/2017				427 (o)	393 (o)	324 (o)	
10/5/2017							
10/4/2018							
3/30/2020							
3/31/2020							
2/19/2024							
2/21/2024			<25 (o)				
8/11/2024							

Mann-Whitney - Significant Results

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 4/8/2026, 12:37 PM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Antimony (mg/L)	**GWC-22**	**-3.318**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	**GWA-2 (bg)**	**2.682**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	**GWA-3 (bg)**	**-3.047**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	**GWC-7**	**-2.676**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	**GWC-20**	**2.894**	**Yes**	**0.01**	**Yes**	**Mann-W**
Boron (mg/L)	**GWC-7**	**-2.78**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWA-2 (bg)**	**2.928**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWC-7**	**-2.736**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWC-9**	**2.78**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	**GWC-21**	**3.023**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	**GWA-2 (bg)**	**3.078**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	**GWC-9**	**2.81**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	**GWC-19**	**3.077**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	**GWC-20**	**2.774**	**Yes**	**0.01**	**Yes**	**Mann-W**
TDS (mg/L)	**GWA-2 (bg)**	**2.708**	**Yes**	**0.01**	**Yes**	**Mann-W**
TDS (mg/L)	**GWC-20**	**2.818**	**Yes**	**0.01**	**Yes**	**Mann-W**
Vanadium (mg/L)	**GWA-4 (bg)**	**-3.124**	**Yes**	**0.01**	**Yes**	**Mann-W**

Mann-Whitney - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 4/8/2026, 12:37 PM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Antimony (mg/L)	GWA-1 (bg)	0.1366	No	0.01	No	Mann-W
Antimony (mg/L)	GWA-2 (bg)	-0.2277	No	0.01	No	Mann-W
Antimony (mg/L)	GWA-3 (bg)	0.2315	No	0.01	No	Mann-W
Antimony (mg/L)	GWA-4 (bg)	0.3861	No	0.01	No	Mann-W
Antimony (mg/L)	GWA-11 (bg)	0.3861	No	0.01	No	Mann-W
Antimony (mg/L)	GWC-5	0.3861	No	0.01	No	Mann-W
Antimony (mg/L)	GWC-6	0.2315	No	0.01	No	Mann-W
Antimony (mg/L)	GWC-7	-1.503	No	0.01	No	Mann-W
Antimony (mg/L)	GWC-8	0.3909	No	0.01	No	Mann-W
Antimony (mg/L)	GWC-9	0.3861	No	0.01	No	Mann-W
Antimony (mg/L)	GWC-10	0.2315	No	0.01	No	Mann-W
Antimony (mg/L)	GWC-18	-0.05516	No	0.01	No	Mann-W
Antimony (mg/L)	GWC-19	0.2315	No	0.01	No	Mann-W
Antimony (mg/L)	**GWC-22**	**-3.318**	**Yes**	**0.01**	**Yes**	**Mann-W**
Arsenic (mg/L)	GWA-3 (bg)	-0.319	No	0.01	No	Mann-W
Arsenic (mg/L)	GWA-4 (bg)	-0.8659	No	0.01	No	Mann-W
Arsenic (mg/L)	GWA-11 (bg)	-2.096	No	0.01	No	Mann-W
Arsenic (mg/L)	GWC-5	0.3861	No	0.01	No	Mann-W
Arsenic (mg/L)	GWC-7	0.9921	No	0.01	No	Mann-W
Arsenic (mg/L)	GWC-8	0.02524	No	0.01	No	Mann-W
Arsenic (mg/L)	GWC-9	0.2315	No	0.01	No	Mann-W
Arsenic (mg/L)	GWC-18	0.5009	No	0.01	No	Mann-W
Arsenic (mg/L)	GWC-21	-0.3889	No	0.01	No	Mann-W
Arsenic (mg/L)	GWC-23	0.3815	No	0.01	No	Mann-W
Barium (mg/L)	GWA-1 (bg)	-1.191	No	0.01	No	Mann-W
Barium (mg/L)	**GWA-2 (bg)**	**2.682**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	**GWA-3 (bg)**	**-3.047**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	GWA-4 (bg)	-0.1959	No	0.01	No	Mann-W
Barium (mg/L)	GWA-11 (bg)	-1.555	No	0.01	No	Mann-W
Barium (mg/L)	GWC-5	-2.422	No	0.01	No	Mann-W
Barium (mg/L)	GWC-6	-1.055	No	0.01	No	Mann-W
Barium (mg/L)	**GWC-7**	**-2.676**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	GWC-8	1.666	No	0.01	No	Mann-W
Barium (mg/L)	GWC-9	2.267	No	0.01	No	Mann-W
Barium (mg/L)	GWC-10	0.01831	No	0.01	No	Mann-W
Barium (mg/L)	GWC-18	1.717	No	0.01	No	Mann-W
Barium (mg/L)	GWC-19	0.5495	No	0.01	No	Mann-W
Barium (mg/L)	**GWC-20**	**2.894**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	GWC-21	0.09974	No	0.01	No	Mann-W
Barium (mg/L)	GWC-22	-0.3189	No	0.01	No	Mann-W
Barium (mg/L)	GWC-23	1.201	No	0.01	No	Mann-W
Beryllium (mg/L)	GWA-3 (bg)	0.2315	No	0.01	No	Mann-W
Beryllium (mg/L)	GWC-7	-0.8697	No	0.01	No	Mann-W
Beryllium (mg/L)	GWC-19	0.2315	No	0.01	No	Mann-W
Boron (mg/L)	GWA-1 (bg)	-0.6691	No	0.01	No	Mann-W
Boron (mg/L)	GWA-2 (bg)	-0.9275	No	0.01	No	Mann-W
Boron (mg/L)	GWA-3 (bg)	-1.788	No	0.01	No	Mann-W
Boron (mg/L)	GWA-4 (bg)	-1.557	No	0.01	No	Mann-W
Boron (mg/L)	GWA-11 (bg)	0.5943	No	0.01	No	Mann-W
Boron (mg/L)	GWC-5	-0.482	No	0.01	No	Mann-W
Boron (mg/L)	GWC-6	2.242	No	0.01	No	Mann-W
Boron (mg/L)	**GWC-7**	**-2.78**	**Yes**	**0.01**	**Yes**	**Mann-W**
Boron (mg/L)	GWC-8	0.7468	No	0.01	No	Mann-W
Boron (mg/L)	GWC-9	0.8542	No	0.01	No	Mann-W
Boron (mg/L)	GWC-10	-0.1856	No	0.01	No	Mann-W
Boron (mg/L)	GWC-18	1.431	No	0.01	No	Mann-W
Boron (mg/L)	GWC-19	-1.907	No	0.01	No	Mann-W
Boron (mg/L)	GWC-20	0.9341	No	0.01	No	Mann-W
Boron (mg/L)	GWC-21	0.2435	No	0.01	No	Mann-W
Boron (mg/L)	GWC-22	1.075	No	0.01	No	Mann-W
Boron (mg/L)	GWC-23	-0.7368	No	0.01	No	Mann-W
Cadmium (mg/L)	GWA-4 (bg)	0.2315	No	0.01	No	Mann-W
Cadmium (mg/L)	GWC-5	-0.3858	No	0.01	No	Mann-W
Cadmium (mg/L)	GWC-7	-0.4815	No	0.01	No	Mann-W
Cadmium (mg/L)	GWC-8	0.2315	No	0.01	No	Mann-W
Cadmium (mg/L)	GWC-9	0.3861	No	0.01	No	Mann-W
Cadmium (mg/L)	GWC-10	0.2315	No	0.01	No	Mann-W
Cadmium (mg/L)	GWC-18	0.2315	No	0.01	No	Mann-W

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Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Cadmium (mg/L)	GWC-20	0.2343	No	0.01	No	Mann-W
Cadmium (mg/L)	GWC-21	0.391	No	0.01	No	Mann-W
Cadmium (mg/L)	GWC-23	0.2287	No	0.01	No	Mann-W
Calcium (mg/L)	GWA-1 (bg)	0	No	0.01	No	Mann-W
Calcium (mg/L)	**GWA-2 (bg)**	**2.928**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	GWA-3 (bg)	-1.928	No	0.01	No	Mann-W
Calcium (mg/L)	GWA-4 (bg)	0.1112	No	0.01	No	Mann-W
Calcium (mg/L)	GWA-11 (bg)	-0.3708	No	0.01	No	Mann-W
Calcium (mg/L)	GWC-5	0.4448	No	0.01	No	Mann-W
Calcium (mg/L)	GWC-6	0.3707	No	0.01	No	Mann-W
Calcium (mg/L)	**GWC-7**	**-2.736**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	GWC-8	1.805	No	0.01	No	Mann-W
Calcium (mg/L)	**GWC-9**	**2.78**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	GWC-10	0.1024	No	0.01	No	Mann-W
Calcium (mg/L)	GWC-18	0.462	No	0.01	No	Mann-W
Calcium (mg/L)	GWC-19	1.493	No	0.01	No	Mann-W
Calcium (mg/L)	GWC-20	2.168	No	0.01	No	Mann-W
Calcium (mg/L)	GWC-21	-1.674	No	0.01	No	Mann-W
Calcium (mg/L)	GWC-22	0.03717	No	0.01	No	Mann-W
Calcium (mg/L)	GWC-23	0.9596	No	0.01	No	Mann-W
Chloride (mg/L)	GWA-1 (bg)	1.03	No	0.01	No	Mann-W
Chloride (mg/L)	GWA-2 (bg)	1.864	No	0.01	No	Mann-W
Chloride (mg/L)	GWA-3 (bg)	-2.449	No	0.01	No	Mann-W
Chloride (mg/L)	GWA-4 (bg)	-1.781	No	0.01	No	Mann-W
Chloride (mg/L)	GWA-11 (bg)	-0.7574	No	0.01	No	Mann-W
Chloride (mg/L)	GWC-5	-0.5941	No	0.01	No	Mann-W
Chloride (mg/L)	GWC-6	-0.8609	No	0.01	No	Mann-W
Chloride (mg/L)	GWC-7	2.506	No	0.01	No	Mann-W
Chloride (mg/L)	GWC-8	0.4108	No	0.01	No	Mann-W
Chloride (mg/L)	GWC-9	-0.6334	No	0.01	No	Mann-W
Chloride (mg/L)	GWC-10	-1.545	No	0.01	No	Mann-W
Chloride (mg/L)	GWC-18	-1.304	No	0.01	No	Mann-W
Chloride (mg/L)	GWC-19	-1.241	No	0.01	No	Mann-W
Chloride (mg/L)	GWC-20	-0.8608	No	0.01	No	Mann-W
Chloride (mg/L)	**GWC-21**	**3.023**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	GWC-22	-0.7466	No	0.01	No	Mann-W
Chloride (mg/L)	GWC-23	-1.228	No	0.01	No	Mann-W
Chromium (mg/L)	GWA-1 (bg)	-0.05516	No	0.01	No	Mann-W
Chromium (mg/L)	GWA-2 (bg)	0.2315	No	0.01	No	Mann-W
Chromium (mg/L)	GWA-3 (bg)	0.3861	No	0.01	No	Mann-W
Chromium (mg/L)	GWA-4 (bg)	0.3861	No	0.01	No	Mann-W
Chromium (mg/L)	GWA-11 (bg)	-1.117	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-5	0.2315	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-6	0.2315	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-7	0.8535	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-8	0.3968	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-9	0.5009	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-10	-0.9018	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-18	0.3861	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-19	0.5009	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-20	0.1384	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-21	0.3909	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-22	0.5982	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-23	-0.0545	No	0.01	No	Mann-W
Cobalt (mg/L)	GWA-1 (bg)	-0.4896	No	0.01	No	Mann-W
Cobalt (mg/L)	GWA-2 (bg)	0.2315	No	0.01	No	Mann-W
Cobalt (mg/L)	GWA-3 (bg)	-1.717	No	0.01	No	Mann-W
Cobalt (mg/L)	GWA-4 (bg)	1.38	No	0.01	No	Mann-W
Cobalt (mg/L)	GWA-11 (bg)	-0.08265	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-5	-1.859	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-6	0.2315	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-7	0.08842	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-8	-2.363	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-9	-2.154	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-10	0.2315	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-21	-0.9814	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-23	0.5908	No	0.01	No	Mann-W
Copper (mg/L)	GWA-2 (bg)	0.5351	No	0.01	No	Mann-W

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Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Copper (mg/L)	GWA-3 (bg)	0.5351	No	0.01	No	Mann-W
Copper (mg/L)	GWA-4 (bg)	-0.2432	No	0.01	No	Mann-W
Copper (mg/L)	GWA-11 (bg)	0.5351	No	0.01	No	Mann-W
Copper (mg/L)	GWC-5	0.7342	No	0.01	No	Mann-W
Copper (mg/L)	GWC-6	0.2466	No	0.01	No	Mann-W
Copper (mg/L)	GWC-7	0.3744	No	0.01	No	Mann-W
Copper (mg/L)	GWC-8	-0.05885	No	0.01	No	Mann-W
Copper (mg/L)	GWC-9	0.4119	No	0.01	No	Mann-W
Copper (mg/L)	GWC-10	0.5277	No	0.01	No	Mann-W
Copper (mg/L)	GWC-18	0.5351	No	0.01	No	Mann-W
Copper (mg/L)	GWC-19	0.7342	No	0.01	No	Mann-W
Copper (mg/L)	GWC-20	0.4177	No	0.01	No	Mann-W
Copper (mg/L)	GWC-21	-0.1778	No	0.01	No	Mann-W
Copper (mg/L)	GWC-22	0.5351	No	0.01	No	Mann-W
Copper (mg/L)	GWC-23	0.806	No	0.01	No	Mann-W
Fluoride (mg/L)	GWA-1 (bg)	-0.07443	No	0.01	No	Mann-W
Fluoride (mg/L)	GWA-2 (bg)	-2.337	No	0.01	No	Mann-W
Fluoride (mg/L)	GWA-3 (bg)	-1.893	No	0.01	No	Mann-W
Fluoride (mg/L)	GWA-4 (bg)	-1.275	No	0.01	No	Mann-W
Fluoride (mg/L)	GWA-11 (bg)	-0.1115	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-5	-0.2605	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-6	-0.6675	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-7	-1.079	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-8	-1.039	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-9	-1.151	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-10	-1.486	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-18	-0.5989	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-19	-1.829	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-20	-2.003	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-21	-0.1898	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-22	-1.595	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-23	-0.07434	No	0.01	No	Mann-W
Lead (mg/L)	GWA-3 (bg)	0.3861	No	0.01	No	Mann-W
Lead (mg/L)	GWA-11 (bg)	0.2315	No	0.01	No	Mann-W
Lead (mg/L)	GWC-5	0.3861	No	0.01	No	Mann-W
Lead (mg/L)	GWC-6	0.2315	No	0.01	No	Mann-W
Lead (mg/L)	GWC-7	0.7598	No	0.01	No	Mann-W
Lead (mg/L)	GWC-8	-1.503	No	0.01	No	Mann-W
Lead (mg/L)	GWC-10	0.2315	No	0.01	No	Mann-W
Lead (mg/L)	GWC-18	0.2315	No	0.01	No	Mann-W
Lead (mg/L)	GWC-19	0.5009	No	0.01	No	Mann-W
Lead (mg/L)	GWC-20	0.2343	No	0.01	No	Mann-W
Lead (mg/L)	GWC-21	0.6059	No	0.01	No	Mann-W
Lead (mg/L)	GWC-22	0.5982	No	0.01	No	Mann-W
Lead (mg/L)	GWC-23	0.7561	No	0.01	No	Mann-W
Nickel (mg/L)	GWA-1 (bg)	0.9047	No	0.01	No	Mann-W
Nickel (mg/L)	GWA-2 (bg)	0.2466	No	0.01	No	Mann-W
Nickel (mg/L)	GWA-3 (bg)	0.9843	No	0.01	No	Mann-W
Nickel (mg/L)	GWA-4 (bg)	1.45	No	0.01	No	Mann-W
Nickel (mg/L)	GWA-11 (bg)	-0.1159	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-5	0.9047	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-6	0.5351	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-7	0.8889	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-8	0.4689	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-9	0.4444	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-10	0.2466	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-18	1.061	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-19	0.1459	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-20	0.4177	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-21	1.761	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-22	0.2466	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-23	1.191	No	0.01	No	Mann-W
pH, Field (SU)	GWA-1 (bg)	0.8534	No	0.01	No	Mann-W
pH, Field (SU)	GWA-2 (bg)	-1.968	No	0.01	No	Mann-W
pH, Field (SU)	GWA-3 (bg)	-0.1854	No	0.01	No	Mann-W
pH, Field (SU)	GWA-4 (bg)	1.522	No	0.01	No	Mann-W
pH, Field (SU)	GWA-11 (bg)	2.115	No	0.01	No	Mann-W
pH, Field (SU)	GWC-5	2.263	No	0.01	No	Mann-W

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Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
pH, Field (SU)	GWC-6	2.395	No	0.01	No	Mann-W
pH, Field (SU)	GWC-7	-2.246	No	0.01	No	Mann-W
pH, Field (SU)	GWC-8	0.4411	No	0.01	No	Mann-W
pH, Field (SU)	GWC-9	0.3757	No	0.01	No	Mann-W
pH, Field (SU)	GWC-10	2.122	No	0.01	No	Mann-W
pH, Field (SU)	GWC-18	2.461	No	0.01	No	Mann-W
pH, Field (SU)	GWC-19	0.987	No	0.01	No	Mann-W
pH, Field (SU)	GWC-20	0.9703	No	0.01	No	Mann-W
pH, Field (SU)	GWC-21	-1.336	No	0.01	No	Mann-W
pH, Field (SU)	GWC-22	-1.093	No	0.01	No	Mann-W
pH, Field (SU)	GWC-23	1.486	No	0.01	No	Mann-W
Selenium (mg/L)	GWA-4 (bg)	0.2315	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-9	0.2315	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-10	0.2315	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-21	0.3909	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-22	0.3861	No	0.01	No	Mann-W
Silver (mg/L)	GWC-21	-0.4167	No	0.01	No	Mann-W
Sulfate (mg/L)	GWA-1 (bg)	-1.414	No	0.01	No	Mann-W
Sulfate (mg/L)	**GWA-2 (bg)**	**3.078**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	GWA-3 (bg)	-1.176	No	0.01	No	Mann-W
Sulfate (mg/L)	GWA-4 (bg)	-1.112	No	0.01	No	Mann-W
Sulfate (mg/L)	GWA-11 (bg)	-2.491	No	0.01	No	Mann-W
Sulfate (mg/L)	GWC-5	1.866	No	0.01	No	Mann-W
Sulfate (mg/L)	GWC-6	-2.383	No	0.01	No	Mann-W
Sulfate (mg/L)	GWC-7	0.6682	No	0.01	No	Mann-W
Sulfate (mg/L)	GWC-8	0.8158	No	0.01	No	Mann-W
Sulfate (mg/L)	**GWC-9**	**2.81**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	GWC-10	-2.419	No	0.01	No	Mann-W
Sulfate (mg/L)	GWC-18	-2.484	No	0.01	No	Mann-W
Sulfate (mg/L)	**GWC-19**	**3.077**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	**GWC-20**	**2.774**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	GWC-21	-1.447	No	0.01	No	Mann-W
Sulfate (mg/L)	GWC-22	-0.9273	No	0.01	No	Mann-W
Sulfate (mg/L)	GWC-23	-0.7709	No	0.01	No	Mann-W
TDS (mg/L)	GWA-1 (bg)	1.335	No	0.01	No	Mann-W
TDS (mg/L)	**GWA-2 (bg)**	**2.708**	**Yes**	**0.01**	**Yes**	**Mann-W**
TDS (mg/L)	GWA-3 (bg)	-1.582	No	0.01	No	Mann-W
TDS (mg/L)	GWA-4 (bg)	-0.04726	No	0.01	No	Mann-W
TDS (mg/L)	GWA-11 (bg)	2.044	No	0.01	No	Mann-W
TDS (mg/L)	GWC-5	1.669	No	0.01	No	Mann-W
TDS (mg/L)	GWC-6	-0.4438	No	0.01	No	Mann-W
TDS (mg/L)	GWC-7	0.6304	No	0.01	No	Mann-W
TDS (mg/L)	GWC-8	2.007	No	0.01	No	Mann-W
TDS (mg/L)	GWC-9	2.115	No	0.01	No	Mann-W
TDS (mg/L)	GWC-10	0.7415	No	0.01	No	Mann-W
TDS (mg/L)	GWC-18	0.9301	No	0.01	No	Mann-W
TDS (mg/L)	GWC-19	2.403	No	0.01	No	Mann-W
TDS (mg/L)	**GWC-20**	**2.818**	**Yes**	**0.01**	**Yes**	**Mann-W**
TDS (mg/L)	GWC-21	-0.717	No	0.01	No	Mann-W
TDS (mg/L)	GWC-22	1.862	No	0.01	No	Mann-W
TDS (mg/L)	GWC-23	-0.1483	No	0.01	No	Mann-W
Thallium (mg/L)	GWA-1 (bg)	0.2343	No	0.01	No	Mann-W
Thallium (mg/L)	GWC-7	0.2343	No	0.01	No	Mann-W
Vanadium (mg/L)	GWA-1 (bg)	0.4119	No	0.01	No	Mann-W
Vanadium (mg/L)	**GWA-4 (bg)**	**-3.124**	**Yes**	**0.01**	**Yes**	**Mann-W**
Vanadium (mg/L)	GWC-5	0.2466	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-7	0.7342	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-8	-0.411	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-9	0.2466	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-21	0.4177	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-23	0.2433	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-1 (bg)	0.9844	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-2 (bg)	1.137	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-3 (bg)	-1.818	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-4 (bg)	2.014	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-11 (bg)	1.211	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-5	0.4419	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-6	1.062	No	0.01	No	Mann-W

Mann-Whitney - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 4/8/2026, 12:37 PM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Zinc (mg/L)	GWC-7	0.9275	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-8	0.9037	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-9	1.211	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-10	0.9047	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-18	1.137	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-19	1.144	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-20	0.8346	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-21	-0.5897	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-22	0.8218	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-23	0.5065	No	0.01	No	Mann-W

Seasonality Summary Table - Significant Results

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 4/6/2026, 2:41 PM

Constituent	Well	Sig.	K.-W.	Chi-Sq.	df	N	Alpha
Barium (mg/L)	**GWC-10**	**Yes**	**17.25**	**3.841**	**1**	**49**	**0.05**
Boron (mg/L)	**GWC-5**	**Yes**	**16.21**	**3.841**	**1**	**25**	**0.05**
Boron (mg/L)	**GWC-10**	**Yes**	**7.871**	**3.841**	**1**	**25**	**0.05**
Boron (mg/L)	**GWC-21**	**Yes**	**11.68**	**3.841**	**1**	**23**	**0.05**
Boron (mg/L)	**GWC-23**	**Yes**	**7.434**	**3.841**	**1**	**24**	**0.05**
Sulfate (mg/L)	**GWC-22**	**Yes**	**8.963**	**3.841**	**1**	**25**	**0.05**
Sulfate (mg/L)	**GWC-23**	**Yes**	**5.271**	**3.841**	**1**	**23**	**0.05**

Seasonality Summary Table - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 4/6/2026, 2:41 PM

Constituent	Well	Sig.	K.-W.	Chi-Sq.	df	N	Alpha
Barium (mg/L)	**GWC-10**	**Yes**	**17.25**	**3.841**	**1**	**49**	**0.05**
Boron (mg/L)	**GWC-5**	**Yes**	**16.21**	**3.841**	**1**	**25**	**0.05**
Boron (mg/L)	**GWC-10**	**Yes**	**7.871**	**3.841**	**1**	**25**	**0.05**
Boron (mg/L)	**GWC-21**	**Yes**	**11.68**	**3.841**	**1**	**23**	**0.05**
Boron (mg/L)	**GWC-23**	**Yes**	**7.434**	**3.841**	**1**	**24**	**0.05**
Calcium (mg/L)	GWC-21	No	3.481	3.841	1	28	0.05
Nickel (mg/L)	GWC-7	No	0.6259	3.841	1	36	0.05
Sulfate (mg/L)	**GWC-22**	**Yes**	**8.963**	**3.841**	**1**	**25**	**0.05**
Sulfate (mg/L)	**GWC-23**	**Yes**	**5.271**	**3.841**	**1**	**23**	**0.05**
TDS (mg/L)	GWC-23	No	2.844	3.841	1	25	0.05

Appendix I Intrawell Prediction Limits - Significant Results

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 4/8/2026, 1:01 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Barium (mg/L)	**GWA-2**	**0.2085**	**n/a**	**2/8/2026**	**0.21**	**Yes**	**37**	**0**	**No**	**0.0002926**	**Param Intra 1 of 2**

Appendix I Intrawell Prediction Limits - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 4/8/2026, 1:01 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Antimony (mg/L)	GWA-1	0.0028	n/a	2/8/2026	0.002ND	No	46	93.48	n/a	0.0009151	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-2	0.0023	n/a	2/8/2026	0.002ND	No	46	93.48	n/a	0.0009151	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-3	0.002	n/a	2/8/2026	0.002ND	No	46	97.83	n/a	0.0009151	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-4	0.002	n/a	2/7/2026	0.002ND	No	46	95.65	n/a	0.0009151	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-11	0.002	n/a	2/8/2026	0.002ND	No	46	95.65	n/a	0.0009151	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-5	0.002	n/a	2/8/2026	0.002ND	No	46	95.65	n/a	0.0009151	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-6	0.002	n/a	2/9/2026	0.002ND	No	46	97.83	n/a	0.0009151	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-7	0.002	n/a	2/9/2026	0.002ND	No	46	93.48	n/a	0.0009151	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-8	0.002	n/a	2/9/2026	0.002ND	No	45	95.56	n/a	0.0009557	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-9	0.002	n/a	2/9/2026	0.002ND	No	46	95.65	n/a	0.0009151	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-10	0.002	n/a	2/8/2026	0.002ND	No	46	97.83	n/a	0.0009151	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-18	0.0028	n/a	2/10/2026	0.002ND	No	46	95.65	n/a	0.0009151	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-19	0.002	n/a	2/8/2026	0.002ND	No	46	97.83	n/a	0.0009151	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-22	0.002	n/a	2/9/2026	0.002ND	No	46	97.83	n/a	0.0009151	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-3	0.005	n/a	2/8/2026	0.002ND	No	46	71.74	n/a	0.0009151	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-4	0.0065	n/a	2/7/2026	0.00046J	No	46	86.96	n/a	0.0009151	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-11	0.002	n/a	2/8/2026	0.002ND	No	46	95.65	n/a	0.0009151	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-5	0.002	n/a	2/8/2026	0.002ND	No	46	95.65	n/a	0.0009151	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-7	0.01147	n/a	2/9/2026	0.0051	No	46	32.61	x^(1/3)	0.0002926	Param Intra 1 of 2
Arsenic (mg/L)	GWC-8	0.005	n/a	2/9/2026	0.0014J	No	46	73.91	n/a	0.0009151	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-9	0.002	n/a	2/9/2026	0.002ND	No	46	97.83	n/a	0.0009151	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-18	0.002	n/a	2/10/2026	0.002ND	No	46	93.48	n/a	0.0009151	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-21	0.0034	n/a	2/9/2026	0.002ND	No	45	82.22	n/a	0.0009557	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-23	0.002	n/a	2/9/2026	0.002ND	No	47	95.74	n/a	0.0008745	NP Intra (NDs) 1 of 2
Barium (mg/L)	GWA-1	0.04904	n/a	2/8/2026	0.04	No	46	0	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	**GWA-2**	**0.2085**	**n/a**	**2/8/2026**	**0.21**	**Yes**	**37**	**0**	**No**	**0.0002926**	**Param Intra 1 of 2**
Barium (mg/L)	GWA-3	0.2241	n/a	2/8/2026	0.075	No	46	0	x^2	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWA-4	0.05996	n/a	2/7/2026	0.057	No	37	0	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWA-11	0.0425	n/a	2/8/2026	0.032	No	46	0	n/a	0.0009151	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-5	0.1322	n/a	2/8/2026	0.068	No	46	0	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWC-6	0.2038	n/a	2/9/2026	0.14	No	37	0	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWC-7	0.395	n/a	2/9/2026	0.038	No	37	0	sqrt(x)	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWC-8	0.23	n/a	2/9/2026	0.13	No	49	0	n/a	0.0007934	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-9	0.07494	n/a	2/9/2026	0.071	No	36	0	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWC-18	0.09145	n/a	2/10/2026	0.087	No	46	0	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWC-19	0.1664	n/a	2/8/2026	0.16	No	37	0	x^5	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWC-20	0.1647	n/a	2/9/2026	0.15	No	46	0	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWC-21	0.19	n/a	2/9/2026	0.063	No	45	0	n/a	0.0009557	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-22	0.121	n/a	2/9/2026	0.092	No	37	0	n/a	0.001361	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-23	0.09785	n/a	2/9/2026	0.065	No	47	0	No	0.0002926	Param Intra 1 of 2
Beryllium (mg/L)	GWA-3	0.0004	n/a	2/8/2026	0.0004ND	No	46	97.83	n/a	0.0009151	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-7	0.002426	n/a	2/9/2026	0.00036J	No	35	31.43	ln(x)	0.0002926	Param Intra 1 of 2
Beryllium (mg/L)	GWC-19	0.0004	n/a	2/8/2026	0.0004ND	No	46	97.83	n/a	0.0009151	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-4	0.0005	n/a	2/7/2026	0.0005ND	No	46	97.83	n/a	0.0009151	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-5	0.0015	n/a	2/8/2026	0.0005ND	No	46	97.83	n/a	0.0009151	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-7	0.0035	n/a	2/9/2026	0.0005ND	No	44	88.64	n/a	0.0009963	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-8	0.0005	n/a	2/9/2026	0.0005ND	No	46	97.83	n/a	0.0009151	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-9	0.0005	n/a	2/9/2026	0.0005ND	No	46	95.65	n/a	0.0009151	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-10	0.0005	n/a	2/8/2026	0.0005ND	No	46	97.83	n/a	0.0009151	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-18	0.0005	n/a	2/10/2026	0.0005ND	No	46	97.83	n/a	0.0009151	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-20	0.0005	n/a	2/9/2026	0.0005ND	No	45	97.78	n/a	0.0009557	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-21	0.0005	n/a	2/9/2026	0.0005ND	No	45	95.56	n/a	0.0009557	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-23	0.0005	n/a	2/9/2026	0.0005ND	No	47	97.87	n/a	0.0008745	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-1	0.016	n/a	2/8/2026	0.00027J	No	46	95.65	n/a	0.0009151	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-2	0.005	n/a	2/8/2026	0.005ND	No	46	97.83	n/a	0.0009151	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-3	0.005	n/a	2/8/2026	0.00028J	No	46	95.65	n/a	0.0009151	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-4	0.005	n/a	2/7/2026	0.00038J	No	46	95.65	n/a	0.0009151	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-11	0.005	n/a	2/8/2026	0.005ND	No	46	91.3	n/a	0.0009151	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-5	0.005	n/a	2/8/2026	0.005ND	No	46	97.83	n/a	0.0009151	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-6	0.005	n/a	2/9/2026	0.005ND	No	46	97.83	n/a	0.0009151	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-7	0.005	n/a	2/9/2026	0.005ND	No	45	84.44	n/a	0.0009557	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-8	0.033	n/a	2/9/2026	0.005ND	No	46	89.13	n/a	0.0009151	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-9	0.005	n/a	2/9/2026	0.005ND	No	46	93.48	n/a	0.0009151	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-10	0.005	n/a	2/8/2026	0.005ND	No	46	89.13	n/a	0.0009151	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-18	0.005	n/a	2/10/2026	0.0003J	No	46	95.65	n/a	0.0009151	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 4/8/2026, 1:01 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Chromium (mg/L)	GWC-19	0.005	n/a	2/8/2026	0.005ND	No	46	93.48	n/a	0.0009151	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-20	0.0064	n/a	2/9/2026	0.005ND	No	45	93.33	n/a	0.0009557	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-21	0.005	n/a	2/9/2026	0.005ND	No	45	95.56	n/a	0.0009557	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-22	0.005	n/a	2/9/2026	0.005ND	No	46	91.3	n/a	0.0009151	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-23	0.0051	n/a	2/9/2026	0.00035J	No	47	95.74	n/a	0.0008745	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-1	0.005	n/a	2/8/2026	0.00062J	No	46	54.35	n/a	0.0009151	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-2	0.005	n/a	2/8/2026	0.005ND	No	46	97.83	n/a	0.0009151	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-3	0.005	n/a	2/8/2026	0.00034J	No	46	80.43	n/a	0.0009151	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-4	0.005	n/a	2/7/2026	0.00057J	No	46	67.39	n/a	0.0009151	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-11	0.005	n/a	2/8/2026	0.00069J	No	46	47.83	n/a	0.0009151	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWC-5	0.005	n/a	2/8/2026	0.00037J	No	46	82.61	n/a	0.0009151	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-6	0.005	n/a	2/9/2026	0.005ND	No	46	97.83	n/a	0.0009151	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-7	0.07259	n/a	2/9/2026	0.02	No	31	0	sqrt(x)	0.0002926	Param Intra 1 of 2
Cobalt (mg/L)	GWC-8	0.0079	n/a	2/9/2026	0.00058J	No	46	67.39	n/a	0.0009151	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-9	0.005	n/a	2/9/2026	0.00043J	No	46	82.61	n/a	0.0009151	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-10	0.005	n/a	2/8/2026	0.005ND	No	46	97.83	n/a	0.0009151	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-18	0.005	n/a	2/10/2026	0.00021J	No	46	100	n/a	0.0009151	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-20	0.005	n/a	2/9/2026	0.00036J	No	45	100	n/a	0.0009557	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-21	0.01	n/a	2/9/2026	0.0018J	No	45	44.44	n/a	0.0009557	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWC-23	0.005	n/a	2/9/2026	0.00014J	No	47	91.49	n/a	0.0008745	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-2	0.005	n/a	2/8/2026	0.005ND	No	41	92.68	n/a	0.001118	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-3	0.005	n/a	2/8/2026	0.005ND	No	41	92.68	n/a	0.001118	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-4	0.0066	n/a	2/7/2026	0.005ND	No	41	92.68	n/a	0.001118	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-11	0.005	n/a	2/8/2026	0.005ND	No	41	92.68	n/a	0.001118	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-5	0.005	n/a	2/8/2026	0.00094J	No	41	87.8	n/a	0.001118	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-6	0.005	n/a	2/9/2026	0.005ND	No	41	97.56	n/a	0.001118	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-7	0.016	n/a	2/9/2026	0.005ND	No	40	82.5	n/a	0.001159	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-8	0.015	n/a	2/9/2026	0.005ND	No	41	95.12	n/a	0.001118	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-9	0.005	n/a	2/9/2026	0.005ND	No	41	95.12	n/a	0.001118	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-10	0.005	n/a	2/8/2026	0.005ND	No	42	92.86	n/a	0.001077	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-18	0.005	n/a	2/10/2026	0.005ND	No	41	92.68	n/a	0.001118	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-19	0.005	n/a	2/8/2026	0.005ND	No	41	87.8	n/a	0.001118	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-20	0.005	n/a	2/9/2026	0.005ND	No	40	95	n/a	0.001159	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-21	0.005	n/a	2/9/2026	0.005ND	No	40	75	n/a	0.001159	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-22	0.005	n/a	2/9/2026	0.005ND	No	41	92.68	n/a	0.001118	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-23	0.0084	n/a	2/9/2026	0.005ND	No	42	78.57	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-3	0.001	n/a	2/8/2026	0.001ND	No	46	95.65	n/a	0.0009151	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-11	0.001	n/a	2/8/2026	0.001ND	No	46	97.83	n/a	0.0009151	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-5	0.001	n/a	2/8/2026	0.001ND	No	46	95.65	n/a	0.0009151	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-6	0.001	n/a	2/9/2026	0.001ND	No	46	97.83	n/a	0.0009151	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-7	0.0016	n/a	2/9/2026	0.001ND	No	46	80.43	n/a	0.0009151	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-8	0.001	n/a	2/9/2026	0.001ND	No	46	93.48	n/a	0.0009151	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-10	0.001	n/a	2/8/2026	0.001ND	No	46	97.83	n/a	0.0009151	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-18	0.001	n/a	2/10/2026	0.001ND	No	46	97.83	n/a	0.0009151	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-19	0.001	n/a	2/8/2026	0.001ND	No	46	93.48	n/a	0.0009151	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-20	0.001	n/a	2/9/2026	0.001ND	No	45	97.78	n/a	0.0009557	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-21	0.001	n/a	2/9/2026	0.001ND	No	45	91.11	n/a	0.0009557	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-22	0.001	n/a	2/9/2026	0.001ND	No	46	91.3	n/a	0.0009151	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-23	0.001	n/a	2/9/2026	0.001ND	No	47	87.23	n/a	0.0008745	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-1	0.005	n/a	2/8/2026	0.005ND	No	41	82.93	n/a	0.001118	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-2	0.005	n/a	2/8/2026	0.005ND	No	41	97.56	n/a	0.001118	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-3	0.005	n/a	2/8/2026	0.0011J	No	41	80.49	n/a	0.001118	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-4	0.0055	n/a	2/7/2026	0.0011J	No	41	58.54	n/a	0.001118	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-11	0.005	n/a	2/8/2026	0.0023J	No	41	46.34	n/a	0.001118	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWC-5	0.005	n/a	2/8/2026	0.00098J	No	41	82.93	n/a	0.001118	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-6	0.005	n/a	2/9/2026	0.005ND	No	41	92.68	n/a	0.001118	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-7	0.2475	n/a	2/9/2026	0.12	No	26	0	No	0.0002926	Param Intra 1 of 2
Nickel (mg/L)	GWC-8	0.016	n/a	2/9/2026	0.005ND	No	42	80.95	n/a	0.001077	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-9	0.005	n/a	2/9/2026	0.0024J	No	41	48.78	n/a	0.001118	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWC-10	0.005	n/a	2/8/2026	0.005ND	No	41	97.56	n/a	0.001118	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-18	0.005	n/a	2/10/2026	0.005ND	No	41	78.05	n/a	0.001118	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-19	0.0062	n/a	2/8/2026	0.005ND	No	41	92.68	n/a	0.001118	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-20	0.005	n/a	2/9/2026	0.005ND	No	40	95	n/a	0.001159	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-21	0.00991	n/a	2/9/2026	0.0045J	No	41	14.63	sqrt(x)	0.0002926	Param Intra 1 of 2
Nickel (mg/L)	GWC-22	0.005	n/a	2/9/2026	0.005ND	No	41	97.56	n/a	0.001118	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 4/8/2026, 1:01 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Nickel (mg/L)	GWC-23	0.005	n/a	2/9/2026	0.005ND	No	42	73.81	n/a	0.001077	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-4	0.005	n/a	2/7/2026	0.005ND	No	46	97.83	n/a	0.0009151	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-9	0.005	n/a	2/9/2026	0.005ND	No	46	97.83	n/a	0.0009151	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-10	0.005	n/a	2/8/2026	0.005ND	No	46	97.83	n/a	0.0009151	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-21	0.005	n/a	2/9/2026	0.005ND	No	45	95.56	n/a	0.0009557	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-22	0.005	n/a	2/9/2026	0.005ND	No	46	95.65	n/a	0.0009151	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-21	0.0036	n/a	2/9/2026	0.001ND	No	40	97.5	n/a	0.001159	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-1	0.0005	n/a	2/8/2026	0.0005ND	No	45	97.78	n/a	0.0009557	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-7	0.0005	n/a	2/9/2026	0.0005ND	No	45	97.78	n/a	0.0009557	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-1	0.005	n/a	2/8/2026	0.005ND	No	41	95.12	n/a	0.001118	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-4	0.005	n/a	2/7/2026	0.005ND	No	41	97.56	n/a	0.001118	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-5	0.005	n/a	2/8/2026	0.005ND	No	41	97.56	n/a	0.001118	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-7	0.005	n/a	2/9/2026	0.005ND	No	41	87.8	n/a	0.001118	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-8	0.034	n/a	2/9/2026	0.005ND	No	41	97.56	n/a	0.001118	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-9	0.005	n/a	2/9/2026	0.005ND	No	41	97.56	n/a	0.001118	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-21	0.005	n/a	2/9/2026	0.005ND	No	40	95	n/a	0.001159	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-23	0.005	n/a	2/9/2026	0.005ND	No	42	97.62	n/a	0.001077	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-1	0.01	n/a	2/8/2026	0.01ND	No	41	80.49	n/a	0.001118	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-2	0.01	n/a	2/8/2026	0.01ND	No	41	75.61	n/a	0.001118	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-3	0.02	n/a	2/8/2026	0.0023J	No	41	58.54	n/a	0.001118	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-4	0.01	n/a	2/7/2026	0.0024J	No	41	46.34	n/a	0.001118	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWA-11	0.01	n/a	2/8/2026	0.01ND	No	41	73.17	n/a	0.001118	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-5	0.01	n/a	2/8/2026	0.0029J	No	41	65.85	n/a	0.001118	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-6	0.01	n/a	2/9/2026	0.01ND	No	41	78.05	n/a	0.001118	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-7	0.4628	n/a	2/9/2026	0.22	No	25	0	No	0.0002926	Param Intra 1 of 2
Zinc (mg/L)	GWC-8	0.045	n/a	2/9/2026	0.0017J	No	41	75.61	n/a	0.001118	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-9	0.01	n/a	2/9/2026	0.002J	No	41	73.17	n/a	0.001118	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-10	0.01	n/a	2/8/2026	0.01ND	No	41	82.93	n/a	0.001118	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-18	0.01	n/a	2/10/2026	0.01ND	No	41	75.61	n/a	0.001118	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-19	0.013	n/a	2/8/2026	0.01ND	No	41	68.29	n/a	0.001118	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-20	0.01	n/a	2/9/2026	0.01ND	No	40	85	n/a	0.001159	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-21	0.0108	n/a	2/9/2026	0.0041J	No	40	22.5	n/a	0.001159	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-22	0.01	n/a	2/9/2026	0.01ND	No	41	85.37	n/a	0.001118	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-23	0.01	n/a	2/9/2026	0.0015J	No	42	59.52	n/a	0.001077	NP Intra (NDs) 1 of 2

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

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 4/6/2026, 2:08 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Barium (mg/L)	GWC-10	0.2139	n/a	2/8/2026	0.1361	No	49	0	n/a	0.0007934	NP Intra (normality) 1 of 2

Appendix III Intrawell Prediction Limits - Significant Results

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 4/8/2026, 12:50 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Calcium (mg/L)	**GWC-19**	**51.67**	**n/a**	**2/8/2026**	**52.1**	**Yes**	**26**	**0**	**No**	**0.0006269**	**Param Intra 1 of 2**
Chloride (mg/L)	**GWC-21**	**6.272**	**n/a**	**2/9/2026**	**10.4**	**Yes**	**26**	**0**	**sqrt(x)**	**0.0006269**	**Param Intra 1 of 2**
pH, Field (SU)	**GWC-18**	**7.805**	**7.397**	**2/10/2026**	**7.81**	**Yes**	**27**	**0**	**No**	**0.0003135**	**Param Intra 1 of 2**
Sulfate (mg/L)	**GWC-19**	**27.83**	**n/a**	**2/8/2026**	**29.1**	**Yes**	**25**	**0**	**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 4/8/2026, 12:50 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Boron (mg/L)	GWA-1	0.049	n/a	2/8/2026	0.019J	No	25	12	n/a	0.002832	NP Intra (normality) 1 of 2
Boron (mg/L)	GWA-2	0.1015	n/a	2/8/2026	0.088	No	25	0	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWA-3	0.193	n/a	2/8/2026	0.1	No	25	0	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWA-4	0.1307	n/a	2/7/2026	0.081	No	25	0	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWA-11	0.04442	n/a	2/8/2026	0.036J	No	25	0	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-6	0.053	n/a	2/9/2026	0.047	No	26	0	n/a	0.002667	NP Intra (normality) 1 of 2
Boron (mg/L)	GWC-7	0.07546	n/a	2/9/2026	0.03J	No	25	0	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-8	0.08642	n/a	2/9/2026	0.042	No	26	0	sqrt(x)	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-9	0.02252	n/a	2/9/2026	0.017J	No	25	8	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-18	0.15	n/a	2/10/2026	0.15	No	25	0	n/a	0.002832	NP Intra (normality) 1 of 2
Boron (mg/L)	GWC-19	0.2045	n/a	2/8/2026	0.16	No	25	0	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-20	0.02477	n/a	2/9/2026	0.018J	No	25	8	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-22	0.07967	n/a	2/9/2026	0.071	No	25	0	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWA-1	20.68	n/a	2/8/2026	15.2	No	25	4	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWA-2	62.03	n/a	2/8/2026	55.5	No	25	0	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWA-3	91.74	n/a	2/8/2026	67.4	No	25	0	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWA-4	115	n/a	2/7/2026	110	No	25	0	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWA-11	24.9	n/a	2/8/2026	21.1	No	25	4	x^2	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-5	88.72	n/a	2/8/2026	85.5	No	25	0	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-6	76.32	n/a	2/9/2026	71	No	25	0	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-7	73.21	n/a	2/9/2026	18.2	No	26	0	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-8	106.2	n/a	2/9/2026	76.3	No	28	0	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-9	41.64	n/a	2/9/2026	40.7	No	25	0	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-10	58.09	n/a	2/8/2026	48.6	No	27	0	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-18	51.28	n/a	2/10/2026	38.5	No	26	0	sqrt(x)	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	**GWC-19**	**51.67**	**n/a**	**2/8/2026**	**52.1**	**Yes**	**26**	**0**	**No**	**0.0006269**	**Param Intra 1 of 2**
Calcium (mg/L)	GWC-20	73.21	n/a	2/9/2026	72.1	No	26	0	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-21	84.24	n/a	2/9/2026	33.8	No	28	0	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-22	53.67	n/a	2/9/2026	46.5	No	25	0	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-23	61.16	n/a	2/9/2026	43.3	No	26	0	sqrt(x)	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWA-1	1.527	n/a	2/8/2026	1.2	No	25	0	ln(x)	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWA-2	3.03	n/a	2/8/2026	2.7	No	25	0	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWA-3	5.01	n/a	2/8/2026	1.1	No	25	0	x^2	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWA-4	9.6	n/a	2/7/2026	4.3	No	25	0	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWA-11	1.921	n/a	2/8/2026	1.4	No	25	0	sqrt(x)	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-5	3.89	n/a	2/8/2026	2.4	No	25	0	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-6	2.314	n/a	2/9/2026	1.7	No	25	0	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-7	2.332	n/a	2/9/2026	2.1	No	25	0	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-8	3.29	n/a	2/9/2026	2	No	27	0	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-9	1.615	n/a	2/9/2026	0.82J	No	25	0	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-10	2.095	n/a	2/8/2026	1.4	No	27	0	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-18	1.787	n/a	2/10/2026	0.88J	No	25	0	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-19	2.462	n/a	2/8/2026	1.2	No	25	0	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-20	2.228	n/a	2/9/2026	1.5	No	26	0	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	**GWC-21**	**6.272**	**n/a**	**2/9/2026**	**10.4**	**Yes**	**26**	**0**	**sqrt(x)**	**0.0006269**	**Param Intra 1 of 2**
Chloride (mg/L)	GWC-22	1.989	n/a	2/9/2026	1.1	No	25	0	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-23	2.115	n/a	2/9/2026	1.1	No	25	4	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWA-1	0.1709	n/a	2/8/2026	0.1	No	25	4	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWA-2	0.2085	n/a	2/8/2026	0.094J	No	25	4	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWA-3	0.4763	n/a	2/8/2026	0.11	No	25	4	ln(x)	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWA-4	0.48	n/a	2/7/2026	0.1	No	25	0	n/a	0.002832	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWA-11	0.1422	n/a	2/8/2026	0.079J	No	25	16	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-5	0.33	n/a	2/8/2026	0.07J	No	25	20	n/a	0.002832	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-6	0.2495	n/a	2/9/2026	0.05J	No	25	8	x^(1/3)	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-7	0.4578	n/a	2/9/2026	0.087J	No	25	0	ln(x)	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-8	0.4	n/a	2/9/2026	0.11	No	26	0	n/a	0.002667	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-9	0.1563	n/a	2/9/2026	0.068J	No	25	4	sqrt(x)	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-10	0.1682	n/a	2/8/2026	0.097J	No	25	8	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-18	0.2045	n/a	2/10/2026	0.095J	No	25	4	sqrt(x)	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-19	0.2416	n/a	2/8/2026	0.096J	No	25	4	ln(x)	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-20	0.1681	n/a	2/9/2026	0.087J	No	25	4	x^(1/3)	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-21	0.199	n/a	2/9/2026	0.1ND	No	25	36	sqrt(x)	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-22	0.1386	n/a	2/9/2026	0.061J	No	25	4	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-23	0.1664	n/a	2/9/2026	0.075J	No	25	4	No	0.0006269	Param Intra 1 of 2
pH, Field (SU)	GWA-1	7.441	6.607	2/8/2026	7.28	No	25	0	No	0.0003135	Param Intra 1 of 2

Appendix III Intrawell Prediction Limits - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 4/8/2026, 12:50 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
pH, Field (SU)	GWA-2	7.188	6.586	2/8/2026	6.98	No	25	0	No	0.0003135	Param Intra 1 of 2
pH, Field (SU)	GWA-3	7.115	6.388	2/8/2026	6.87	No	25	0	No	0.0003135	Param Intra 1 of 2
pH, Field (SU)	GWA-4	7.164	6.433	2/7/2026	6.76	No	25	0	No	0.0003135	Param Intra 1 of 2
pH, Field (SU)	GWA-11	7.134	6.415	2/8/2026	6.97	No	25	0	No	0.0003135	Param Intra 1 of 2
pH, Field (SU)	GWC-5	7.216	6.527	2/8/2026	6.94	No	25	0	No	0.0003135	Param Intra 1 of 2
pH, Field (SU)	GWC-6	7.508	6.618	2/9/2026	7.34	No	32	0	No	0.0003135	Param Intra 1 of 2
pH, Field (SU)	GWC-7	6.71	5.475	2/9/2026	5.68	No	29	0	No	0.0003135	Param Intra 1 of 2
pH, Field (SU)	GWC-8	7.741	6.674	2/9/2026	7.4	No	35	0	No	0.0003135	Param Intra 1 of 2
pH, Field (SU)	GWC-9	7.344	6.421	2/9/2026	7.18	No	27	0	No	0.0003135	Param Intra 1 of 2
pH, Field (SU)	GWC-10	7.733	6.921	2/8/2026	7.59	No	29	0	No	0.0003135	Param Intra 1 of 2
pH, Field (SU)	**GWC-18**	**7.805**	**7.397**	**2/10/2026**	**7.81**	**Yes**	**27**	**0**	**No**	**0.0003135**	**Param Intra 1 of 2**
pH, Field (SU)	GWC-19	7.763	7.253	2/8/2026	7.6	No	28	0	No	0.0003135	Param Intra 1 of 2
pH, Field (SU)	GWC-20	7.689	6.949	2/9/2026	7.59	No	32	0	No	0.0003135	Param Intra 1 of 2
pH, Field (SU)	GWC-21	7.364	5.676	2/9/2026	6.55	No	30	0	No	0.0003135	Param Intra 1 of 2
pH, Field (SU)	GWC-22	7.92	7.322	2/9/2026	7.9	No	27	0	No	0.0003135	Param Intra 1 of 2
pH, Field (SU)	GWC-23	7.462	6.755	2/9/2026	7.25	No	25	0	No	0.0003135	Param Intra 1 of 2
Sulfate (mg/L)	GWA-1	5.999	n/a	2/8/2026	3.7	No	25	0	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWA-2	36.35	n/a	2/8/2026	34.6	No	25	0	x^(1/3)	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWA-3	152.6	n/a	2/8/2026	89	No	23	0	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWA-4	291.4	n/a	2/7/2026	177	No	25	0	sqrt(x)	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWA-11	14.94	n/a	2/8/2026	9.2	No	25	0	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-5	104	n/a	2/8/2026	90.8	No	23	0	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-6	138	n/a	2/9/2026	93.1	No	29	0	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-7	165	n/a	2/9/2026	103	No	25	0	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-8	58.36	n/a	2/9/2026	35.6	No	25	0	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-9	86.7	n/a	2/9/2026	79.8	No	26	0	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-10	33.9	n/a	2/8/2026	9.3	No	26	0	n/a	0.002667	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWC-18	13.73	n/a	2/10/2026	7.5	No	25	0	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	**GWC-19**	**27.83**	**n/a**	**2/8/2026**	**29.1**	**Yes**	**25**	**0**	**No**	**0.0006269**	**Param Intra 1 of 2**
Sulfate (mg/L)	GWC-20	86.47	n/a	2/9/2026	69.6	No	17	0	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-21	49.69	n/a	2/9/2026	22.6	No	25	0	No	0.0006269	Param Intra 1 of 2
TDS (mg/L)	GWA-1	158.2	n/a	2/8/2026	105	No	25	0	No	0.0006269	Param Intra 1 of 2
TDS (mg/L)	GWA-2	304.7	n/a	2/8/2026	281	No	24	0	No	0.0006269	Param Intra 1 of 2
TDS (mg/L)	GWA-3	536.2	n/a	2/8/2026	348	No	23	0	No	0.0006269	Param Intra 1 of 2
TDS (mg/L)	GWA-4	564.9	n/a	2/7/2026	533	No	20	0	No	0.0006269	Param Intra 1 of 2
TDS (mg/L)	GWA-11	181.6	n/a	2/8/2026	131	No	25	0	No	0.0006269	Param Intra 1 of 2
TDS (mg/L)	GWC-5	478.3	n/a	2/8/2026	393	No	25	0	x^(1/3)	0.0006269	Param Intra 1 of 2
TDS (mg/L)	GWC-6	412.1	n/a	2/9/2026	323	No	27	0	No	0.0006269	Param Intra 1 of 2
TDS (mg/L)	GWC-7	347.3	n/a	2/9/2026	236	No	25	0	No	0.0006269	Param Intra 1 of 2
TDS (mg/L)	GWC-8	431.9	n/a	2/9/2026	289	No	26	0	No	0.0006269	Param Intra 1 of 2
TDS (mg/L)	GWC-9	306.9	n/a	2/9/2026	241	No	25	0	No	0.0006269	Param Intra 1 of 2
TDS (mg/L)	GWC-10	253.9	n/a	2/8/2026	183	No	25	0	No	0.0006269	Param Intra 1 of 2
TDS (mg/L)	GWC-18	268.3	n/a	2/10/2026	187	No	24	0	No	0.0006269	Param Intra 1 of 2
TDS (mg/L)	GWC-19	291.4	n/a	2/8/2026	257	No	24	0	sqrt(x)	0.0006269	Param Intra 1 of 2
TDS (mg/L)	GWC-20	358.5	n/a	2/9/2026	294	No	25	0	No	0.0006269	Param Intra 1 of 2
TDS (mg/L)	GWC-21	375.7	n/a	2/9/2026	140	No	27	0	sqrt(x)	0.0006269	Param Intra 1 of 2
TDS (mg/L)	GWC-22	252	n/a	2/9/2026	212	No	24	0	No	0.0006269	Param Intra 1 of 2
TDS (mg/L)	GWC-23	282.5	n/a	2/9/2026	176	No	25	0	No	0.0006269	Param Intra 1 of 2

Appendix III Intrawell Prediction Limits - Deseasonalized - All Results (No Significant)

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 4/6/2026, 1:31 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Boron (mg/L)	GWC-5	0.07648	n/a	2/8/2026	0.05717	No	25	0	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-10	0.04127	n/a	2/8/2026	0.03662J	No	25	0	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-21	0.05359	n/a	2/9/2026	0.02863J	No	23	0	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-23	0.0837	n/a	2/9/2026	0.00838J	No	24	0	sqrt(x)	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-22	11.36	n/a	2/9/2026	6.389	No	25	0	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-23	16.89	n/a	2/9/2026	3.06	No	23	0	No	0.0006269	Param Intra 1 of 2

Appendix III Interwell Prediction Limits - Two-Step - Significant Results

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 4/6/2026, 2:12 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Chloride (mg/L)	**GWC-21**	**8.5**	**n/a**	**2/9/2026**	**10.4**	**Yes**	**130**	**0**	**n/a**	**0.0001169**	**NP Inter (normality) 1 of 2**
pH, Field (SU)	**GWC-18**	**7.229**	**6.475**	**2/10/2026**	**7.81**	**Yes**	**130**	**0**	**No**	**0.0003135**	**Param Inter 1 of 2**

Appendix III Interwell Prediction Limits - Two-Step - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 4/6/2026, 2:12 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Calcium (mg/L)	GWC-19	123	n/a	2/8/2026	52.1	No	130	1.538	n/a	0.0001169	NP Inter (normality) 1 of 2
Chloride (mg/L)	**GWC-21**	**8.5**	**n/a**	**2/9/2026**	**10.4**	**Yes**	**130**	**0**	**n/a**	**0.0001169**	**NP Inter (normality) 1 of 2**
pH, Field (SU)	**GWC-18**	**7.229**	**6.475**	**2/10/2026**	**7.81**	**Yes**	**130**	**0**	**No**	**0.0003135**	**Param Inter 1 of 2**
Sulfate (mg/L)	GWC-19	302.3	n/a	2/8/2026	29.1	No	128	0	n/a	0.0001204	NP Inter (normality) 1 of 2

Appendix III Trend Tests - Prediction Limit Exceedances - Significant Results

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 4/6/2026, 2:15 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Calcium (mg/L)	**GWA-2 (bg)**	**1.825**	**191**	**118**	**Yes**	**26**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWA-3 (bg)**	**-1.493**	**-140**	**-118**	**Yes**	**26**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWA-3 (bg)**	**-0.3414**	**-218**	**-118**	**Yes**	**26**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWA-4 (bg)**	**-0.4317**	**-136**	**-118**	**Yes**	**26**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	**GWA-11 (bg)**	**0.02888**	**122**	**118**	**Yes**	**26**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWA-2 (bg)**	**1.601**	**234**	**118**	**Yes**	**26**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWA-3 (bg)**	**-3.443**	**-119**	**-105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWA-11 (bg)**	**-0.345**	**-180**	**-118**	**Yes**	**26**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWC-19**	**1.063**	**165**	**118**	**Yes**	**26**	**0**	**n/a**	**n/a**	**0.01**	**NP**

Appendix III Trend Tests - Prediction Limit Exceedances - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 4/6/2026, 2:15 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Calcium (mg/L)	GWA-1 (bg)	0.03321	25	118	No	26	3.846	n/a	n/a	0.01	NP
Calcium (mg/L)	**GWA-2 (bg)**	**1.825**	**191**	**118**	**Yes**	**26**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWA-3 (bg)**	**-1.493**	**-140**	**-118**	**Yes**	**26**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	GWA-4 (bg)	-0.9709	-49	-118	No	26	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-11 (bg)	0.0414	16	118	No	26	3.846	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-19	0.4609	98	124	No	27	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-1 (bg)	0	15	118	No	26	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-2 (bg)	0.02522	71	118	No	26	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**GWA-3 (bg)**	**-0.3414**	**-218**	**-118**	**Yes**	**26**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWA-4 (bg)**	**-0.4317**	**-136**	**-118**	**Yes**	**26**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	GWA-11 (bg)	-0.01719	-81	-118	No	26	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-21	0.293	95	124	No	27	0	n/a	n/a	0.01	NP
pH, Field (SU)	GWA-1 (bg)	0.0269	105	118	No	26	0	n/a	n/a	0.01	NP
pH, Field (SU)	GWA-2 (bg)	-0.001577	-12	-118	No	26	0	n/a	n/a	0.01	NP
pH, Field (SU)	GWA-3 (bg)	0	0	118	No	26	0	n/a	n/a	0.01	NP
pH, Field (SU)	GWA-4 (bg)	0.01356	101	118	No	26	0	n/a	n/a	0.01	NP
pH, Field (SU)	**GWA-11 (bg)**	**0.02888**	**122**	**118**	**Yes**	**26**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	GWC-18	0.01361	100	131	No	28	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-1 (bg)	-0.07513	-88	-118	No	26	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	**GWA-2 (bg)**	**1.601**	**234**	**118**	**Yes**	**26**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWA-3 (bg)**	**-3.443**	**-119**	**-105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	GWA-4 (bg)	-6.033	-105	-118	No	26	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	**GWA-11 (bg)**	**-0.345**	**-180**	**-118**	**Yes**	**26**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWC-19**	**1.063**	**165**	**118**	**Yes**	**26**	**0**	**n/a**	**n/a**	**0.01**	**NP**

Appendix III Intrawell Prediction Limits - Significant Resample Results

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 6/5/2026, 11:59 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Chloride (mg/L)	**GWC-21**	**6.272**	**n/a**	**5/1/2026**	**10.3**	**Yes**	**26**	**0**	**sqrt(x)**	**0.0006269**	**Param Intra 1 of 2**

Appendix III Intrawell Prediction Limits - Resample Results

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 6/5/2026, 11:59 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Chloride (mg/L)	**GWC-21**	**6.272**	**n/a**	**5/1/2026**	**10.3**	**Yes**	**26**	**0**	**sqrt(x)**	**0.0006269**	**Param Intra 1 of 2**
pH, Field (SU)	GWC-18	7.805	7.397	5/1/2026	7.68	No	27	0	No	0.0003135	Param Intra 1 of 2

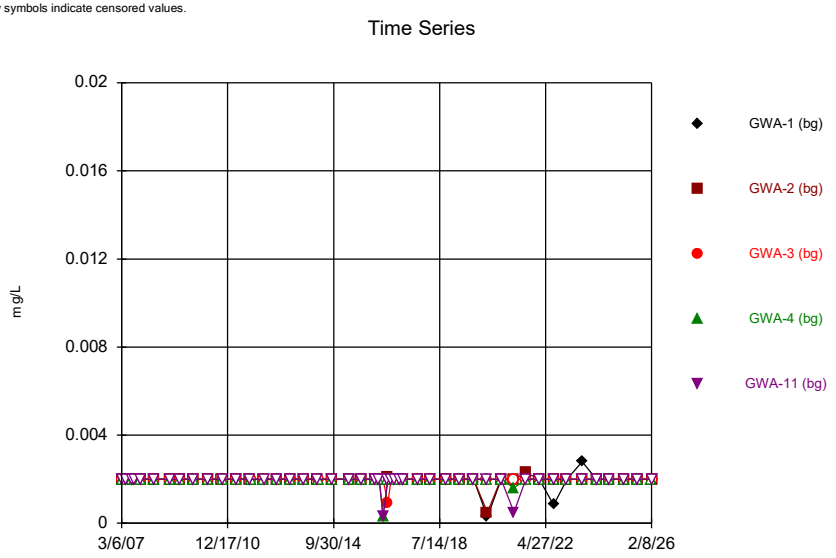
Appendix III Interwell Prediction Limits - Two-Step - Resample Results (All Significant)

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 6/5/2026, 12:01 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Chloride (mg/L)	**GWC-21**	**8.5**	**n/a**	**5/1/2026**	**10.3**	**Yes**	**130**	**0**	**n/a**	**0.0001169**	**NP Inter (normality) 1 of 2**

FIGURE A.

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



Constituent: Antimony Analysis Run 6/5/2026 12:01 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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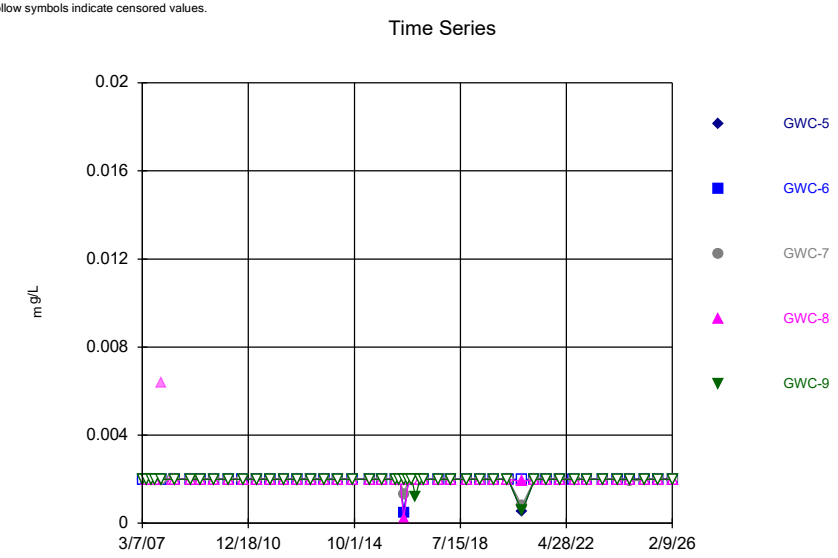
Hollow symbols indicate censored values.



Constituent: Antimony Analysis Run 6/5/2026 12:01 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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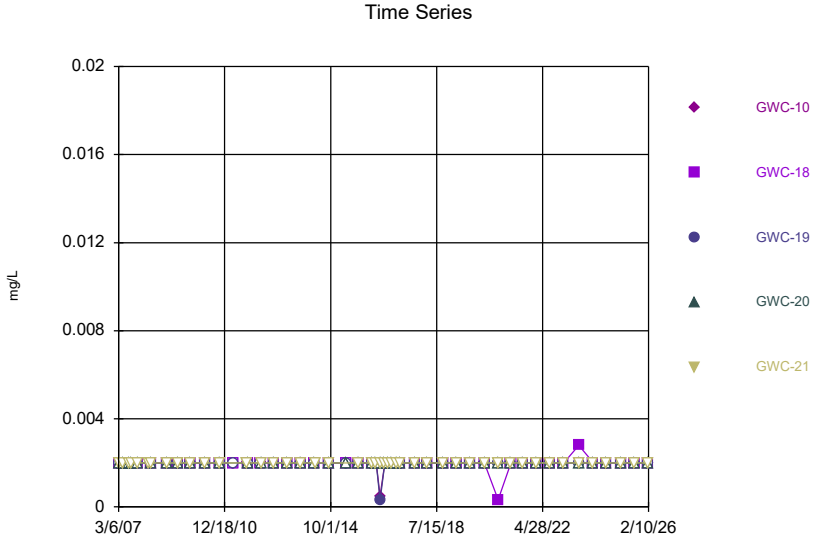
Hollow symbols indicate censored values.



Constituent: Antimony Analysis Run 6/5/2026 12:02 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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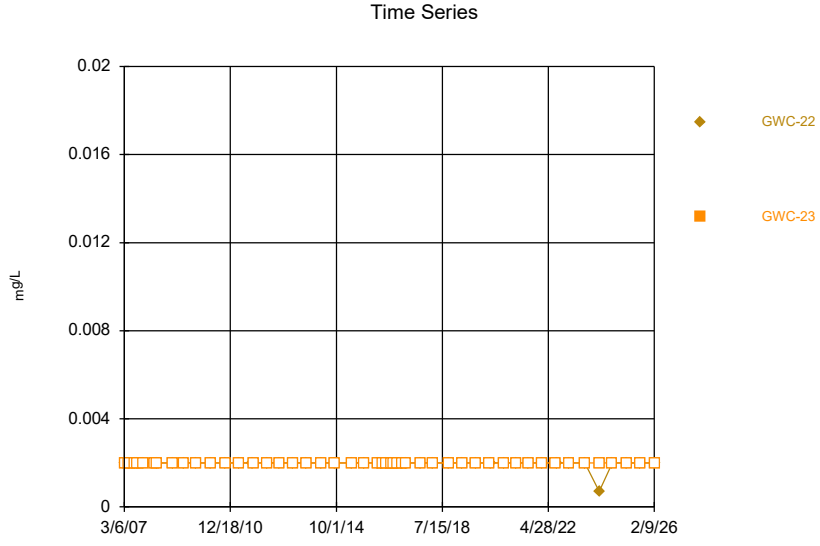
Hollow symbols indicate censored values.



Constituent: Antimony Analysis Run 6/5/2026 12:02 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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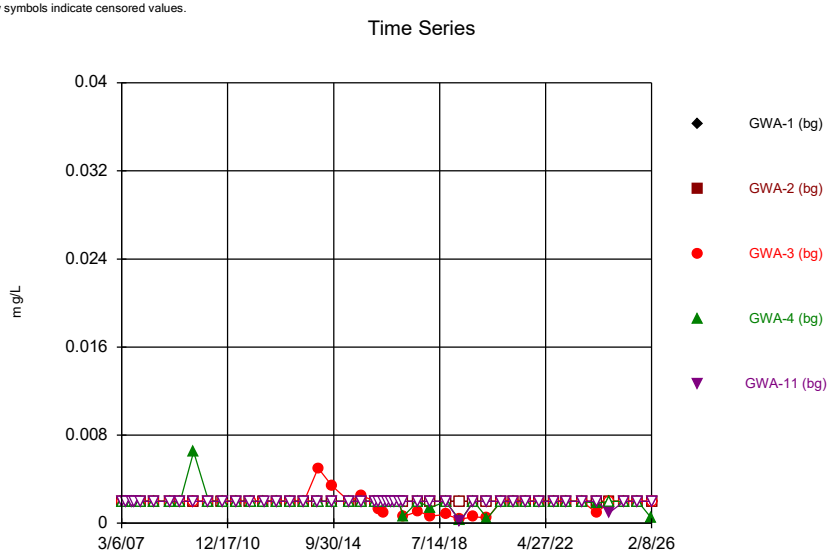
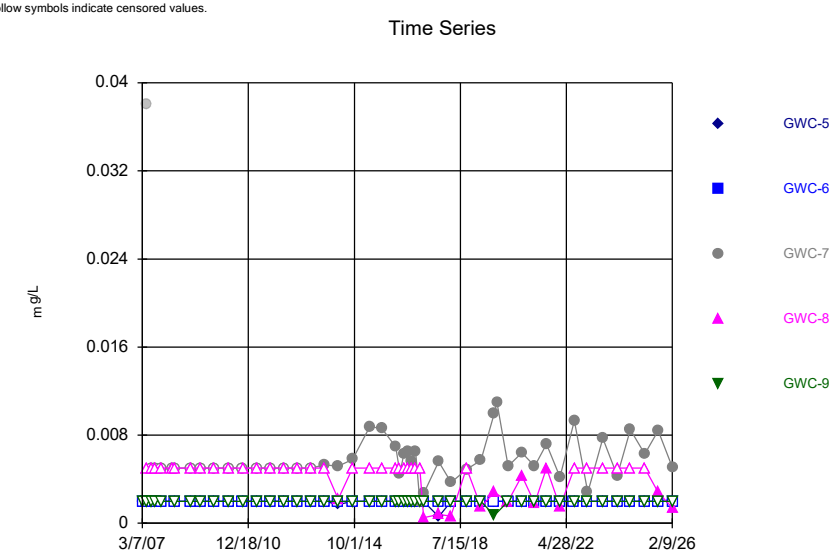
Hollow symbols indicate censored values.



Constituent: Arsenic Analysis Run 6/5/2026 12:02 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



Constituent: Arsenic Analysis Run 6/5/2026 12:02 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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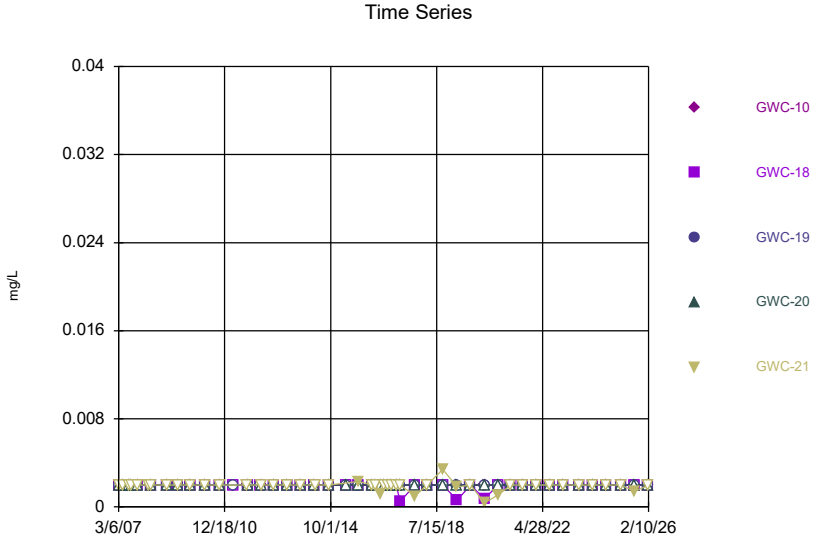
Hollow symbols indicate censored values.



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Plant Hammond Client: Southern Company Data: Huffaker Road LF

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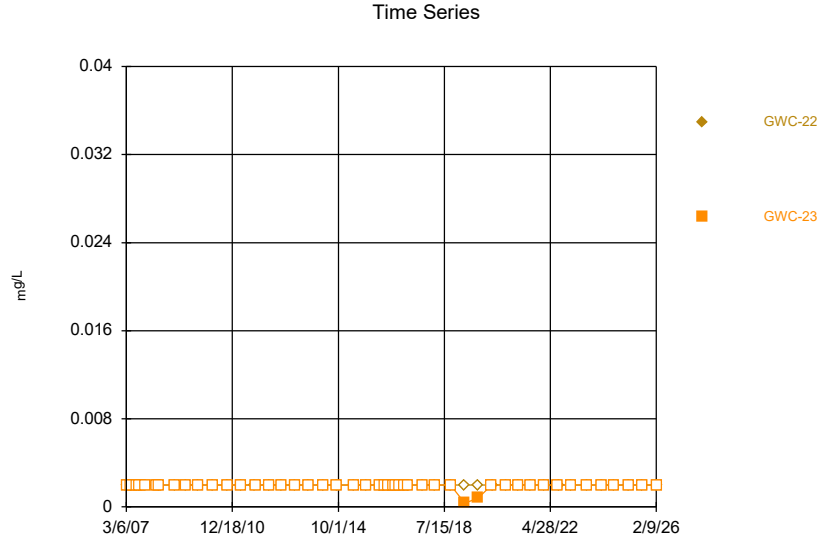

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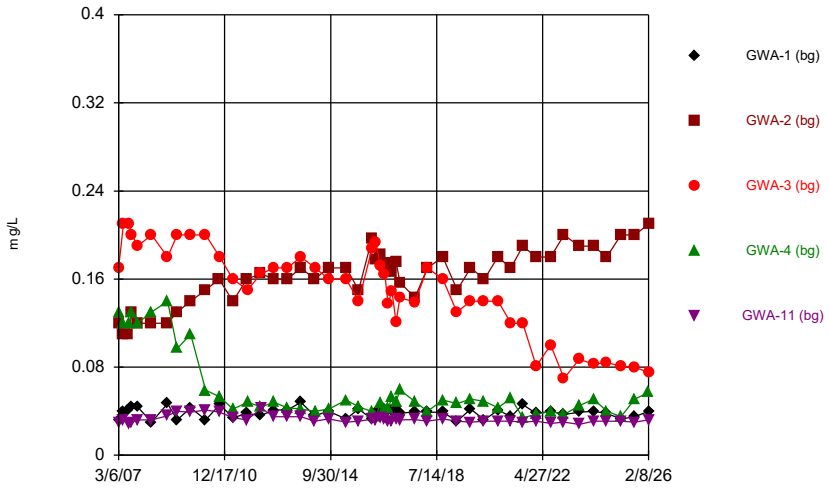
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Time Series



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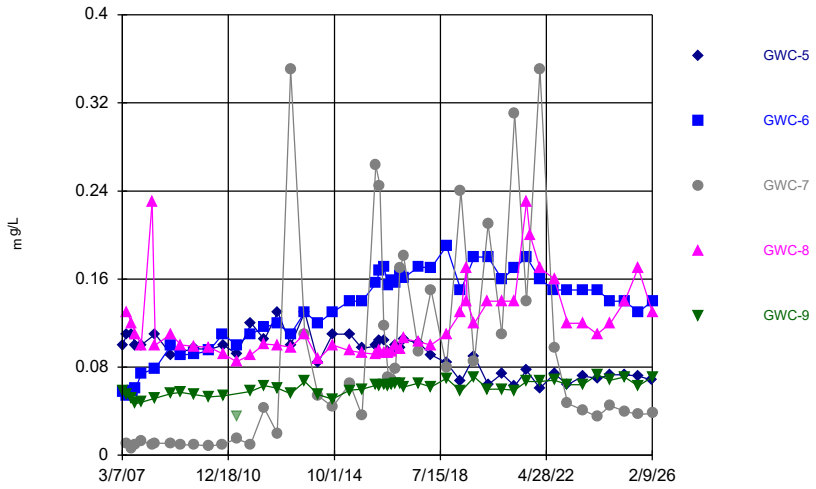
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Time Series



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Plant Hammond Client: Southern Company Data: Huffaker Road LF

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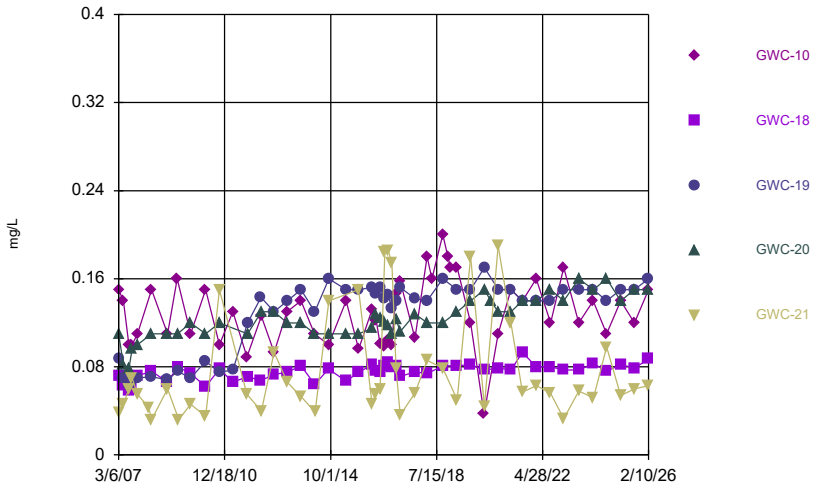
Time Series



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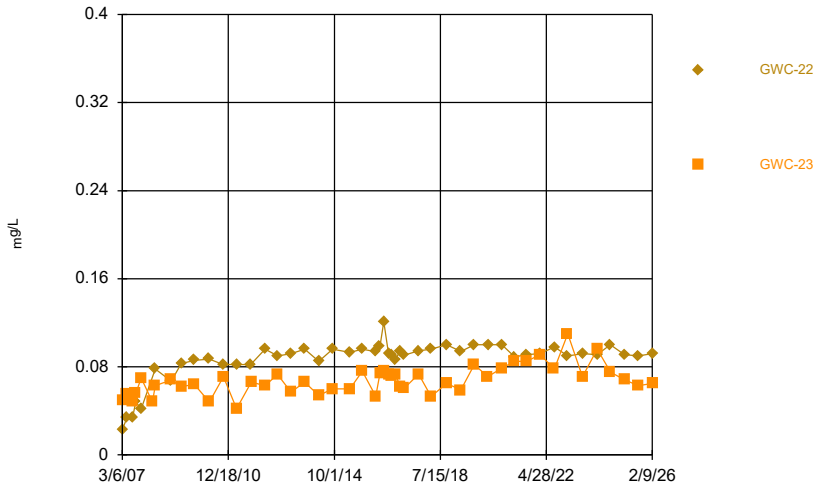
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Time Series



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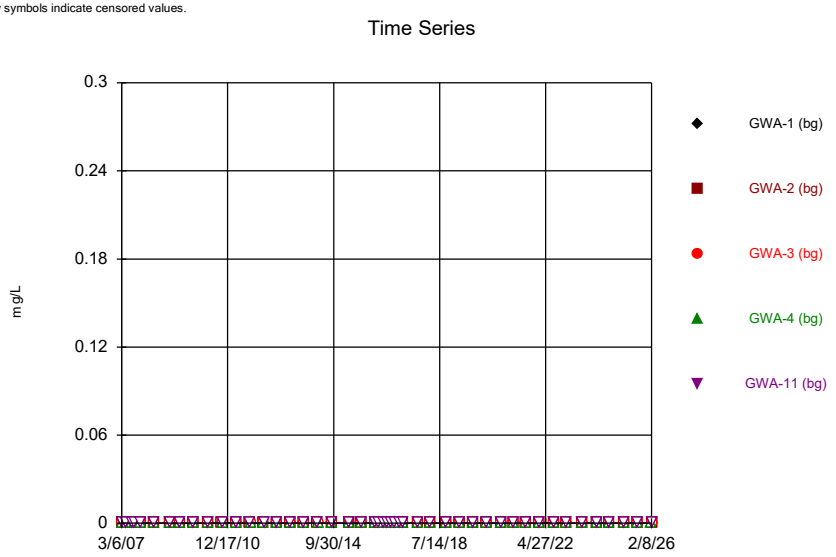
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



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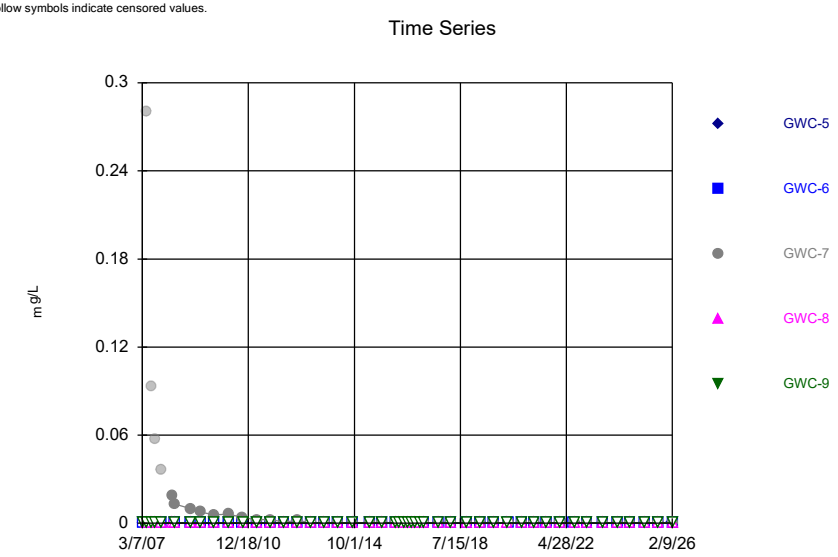
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



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Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
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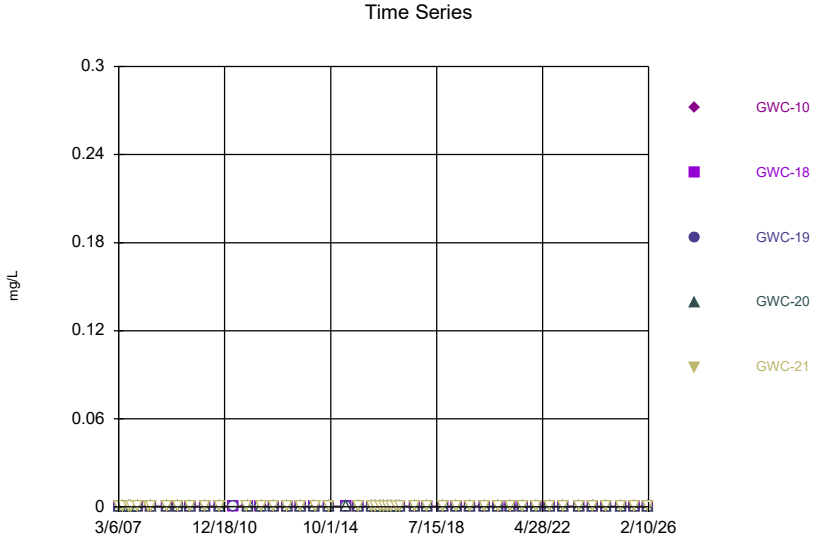

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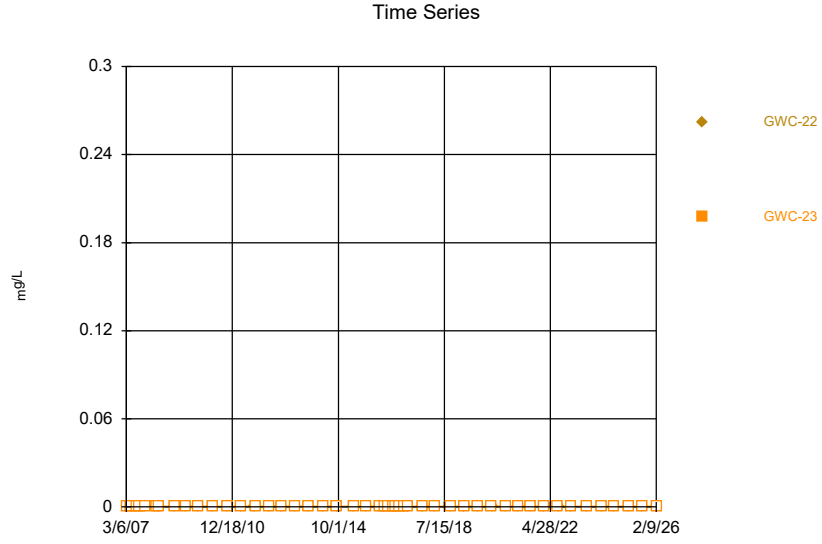

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Plant Hammond Client: Southern Company Data: Huffaker Road LF

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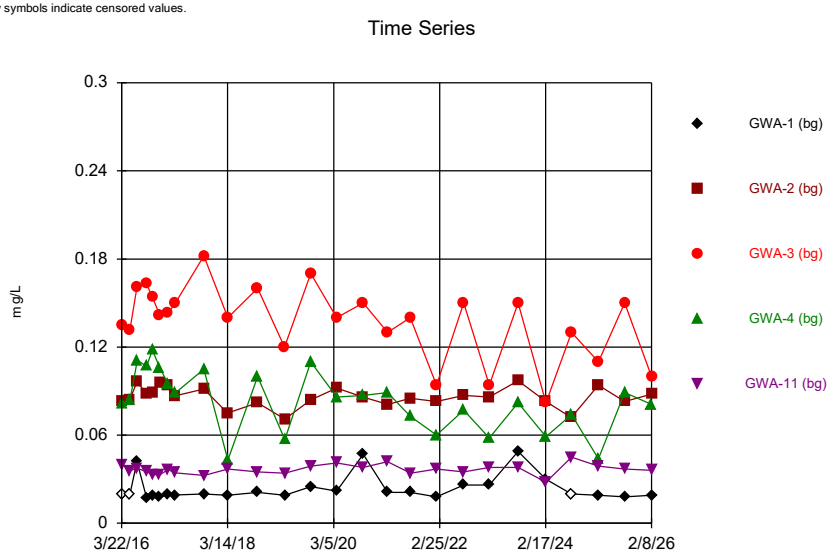

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Plant Hammond Client: Southern Company Data: Huffaker Road LF

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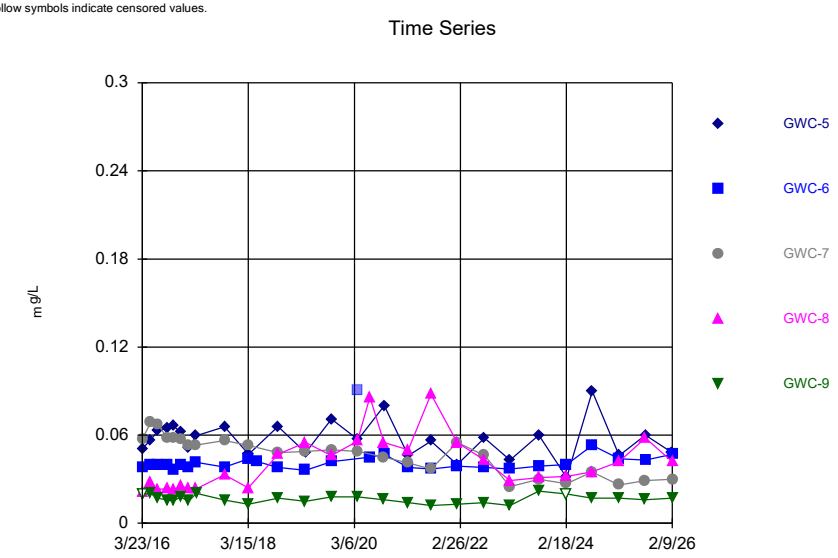

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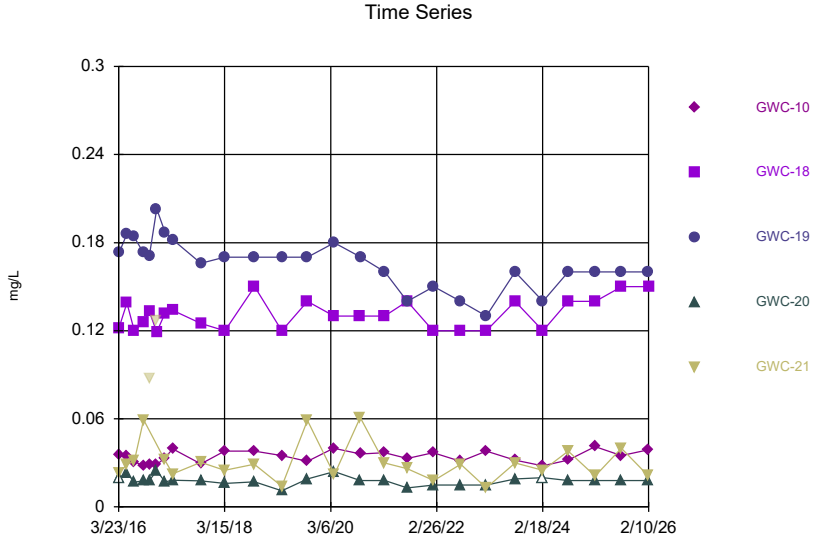

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Plant Hammond Client: Southern Company Data: Huffaker Road LF

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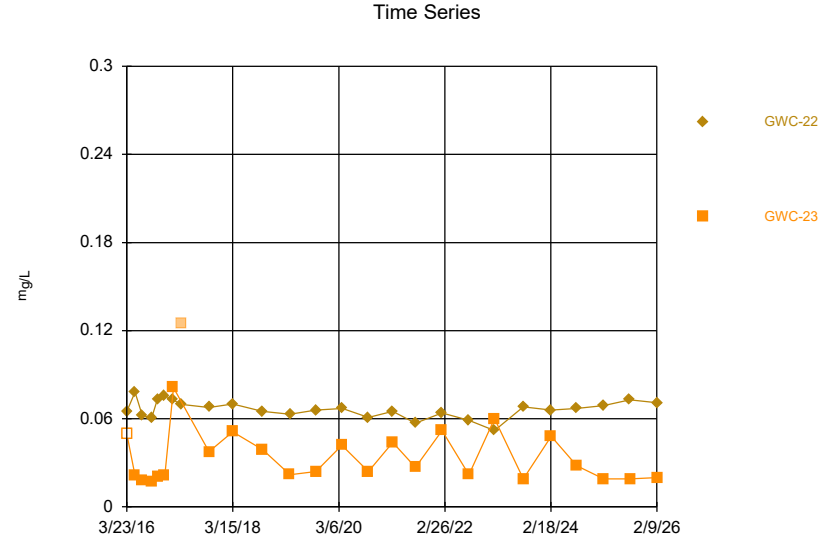

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Plant Hammond Client: Southern Company Data: Huffaker Road LF

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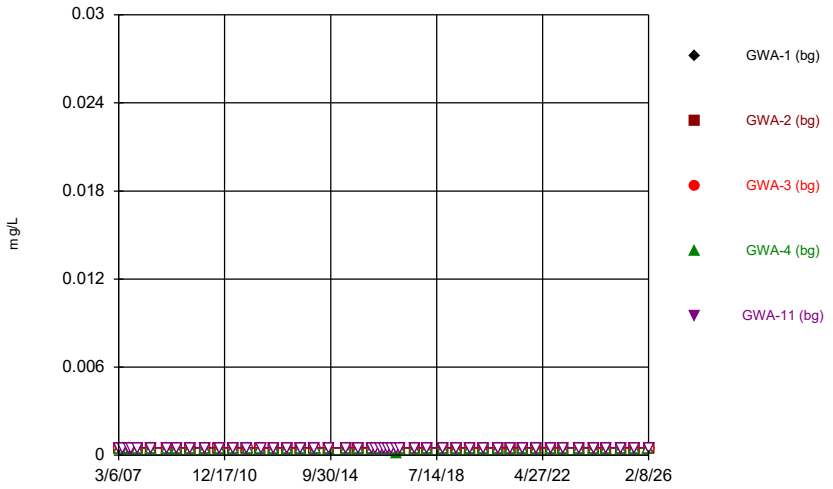
Time Series



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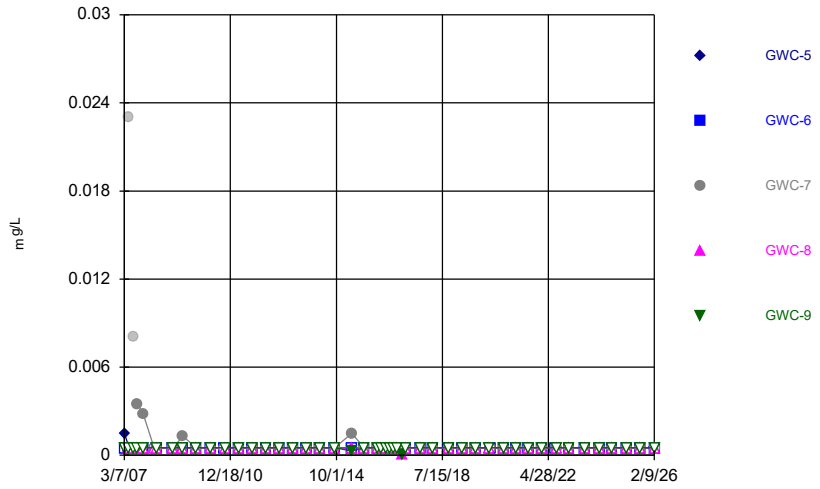
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



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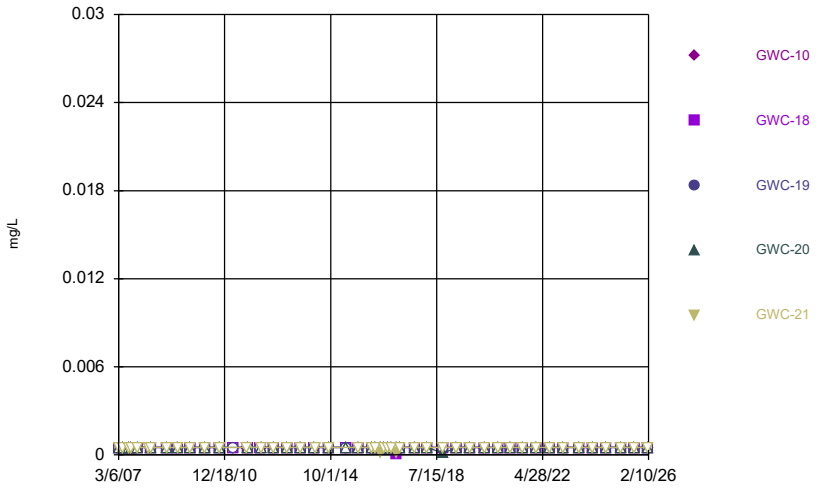
Time Series



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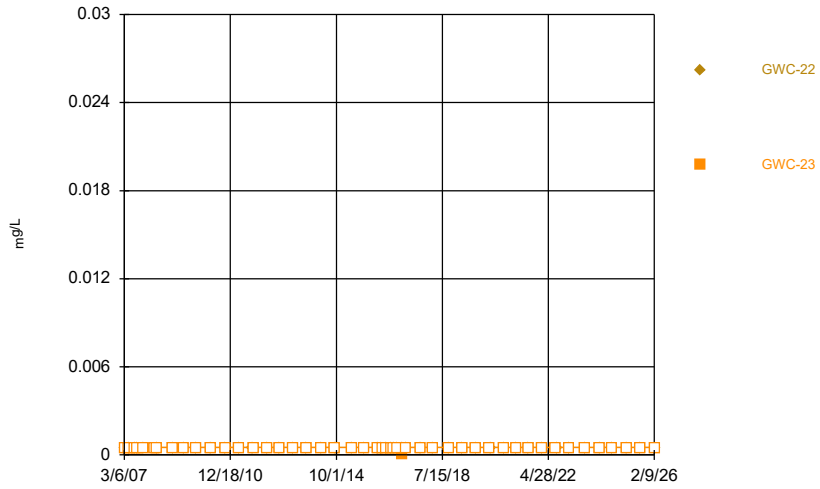

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Plant Hammond Client: Southern Company Data: Huffaker Road LF

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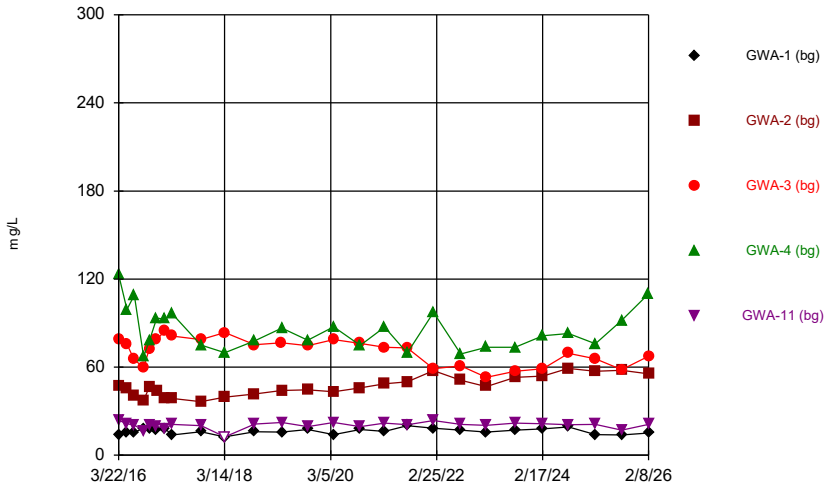
Hollow symbols indicate censored values.

Time Series



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Plant Hammond Client: Southern Company Data: Huffaker Road LF

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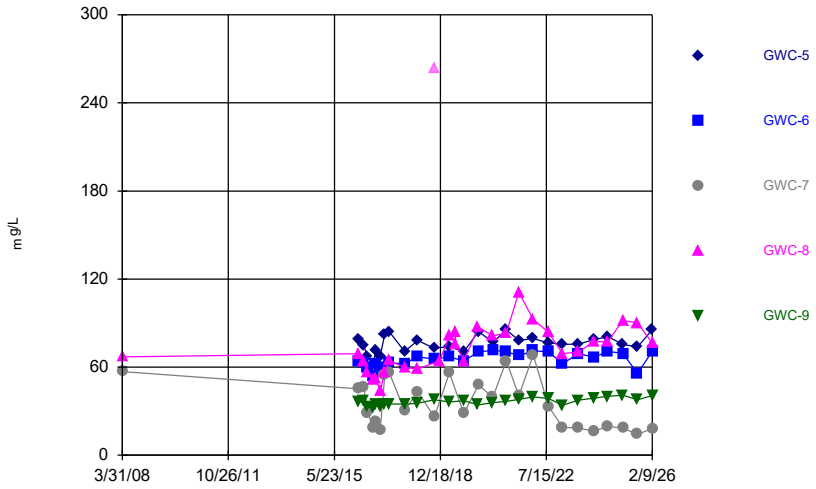
Time Series



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Plant Hammond Client: Southern Company Data: Huffaker Road LF

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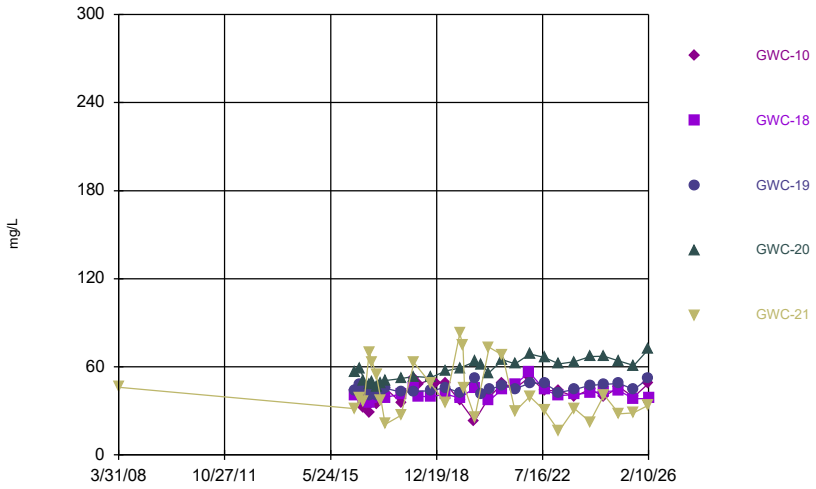
Time Series



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Plant Hammond Client: Southern Company Data: Huffaker Road LF

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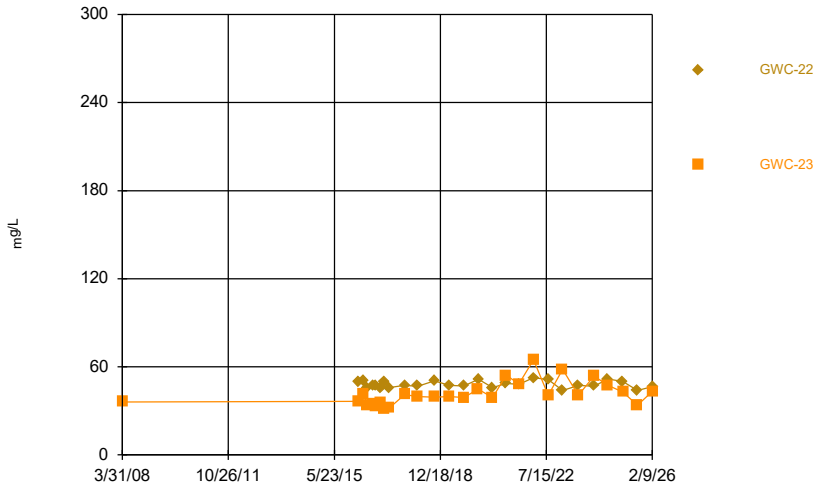
Time Series



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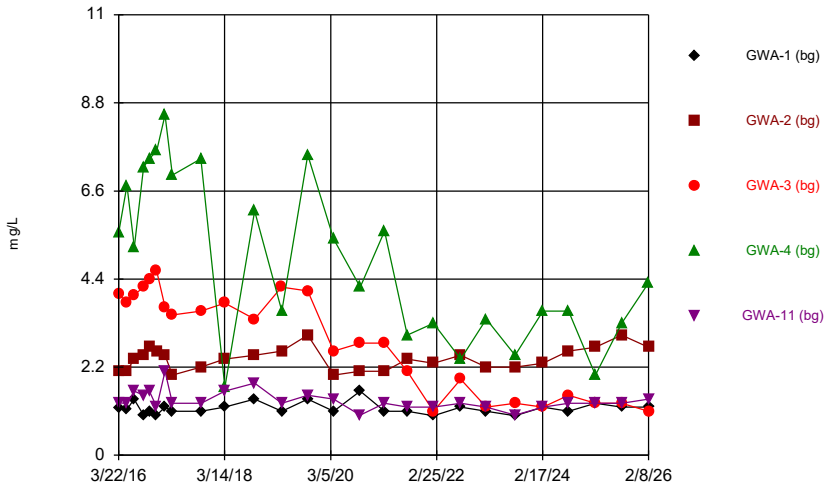
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

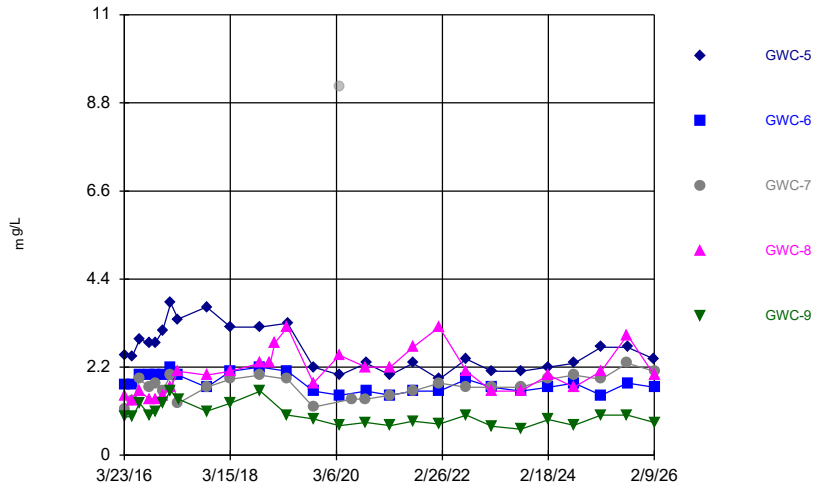
Time Series



Constituent: Chloride Analysis Run 6/5/2026 12:02 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Time Series



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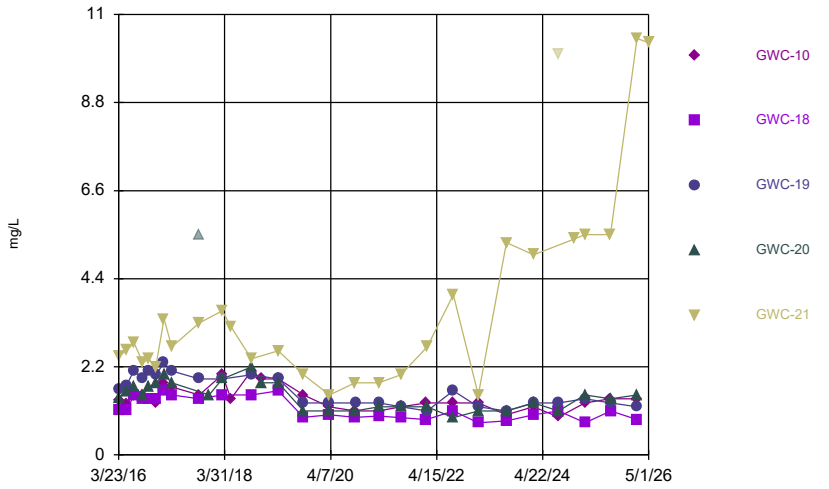
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Time Series



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Plant Hammond Client: Southern Company Data: Huffaker Road LF

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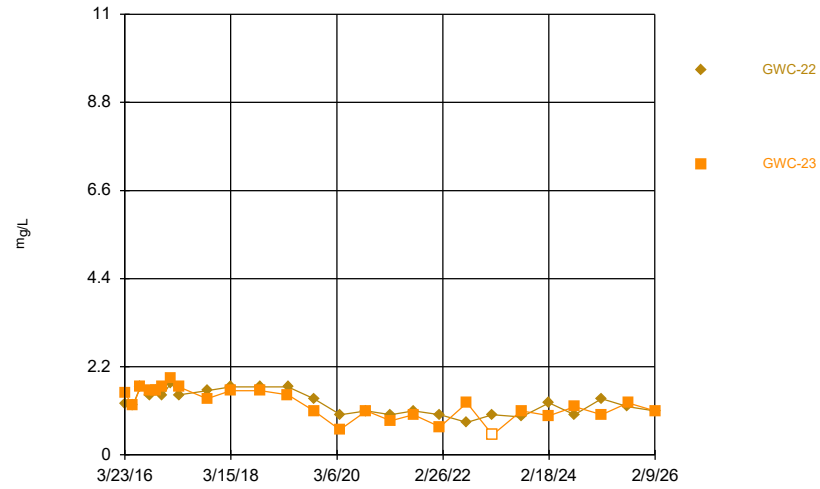
Hollow symbols indicate censored values.

Time Series



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Plant Hammond Client: Southern Company Data: Huffaker Road LF

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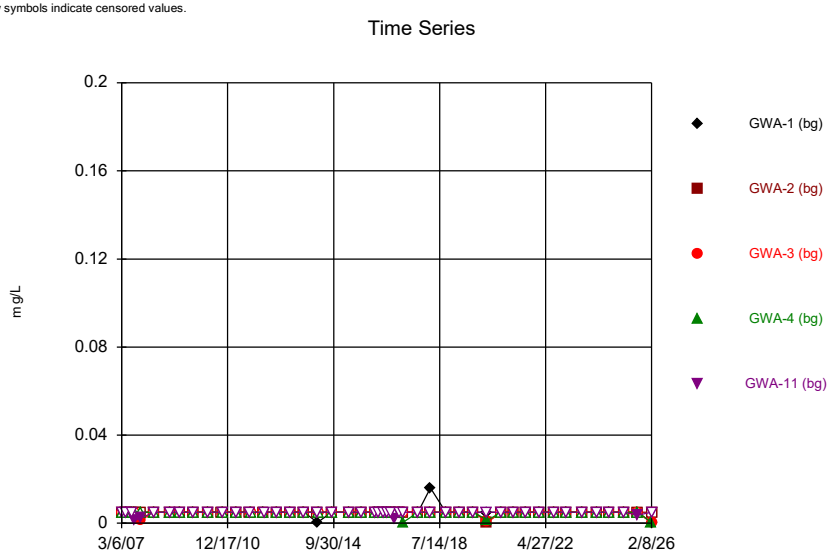

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Plant Hammond Client: Southern Company Data: Huffaker Road LF

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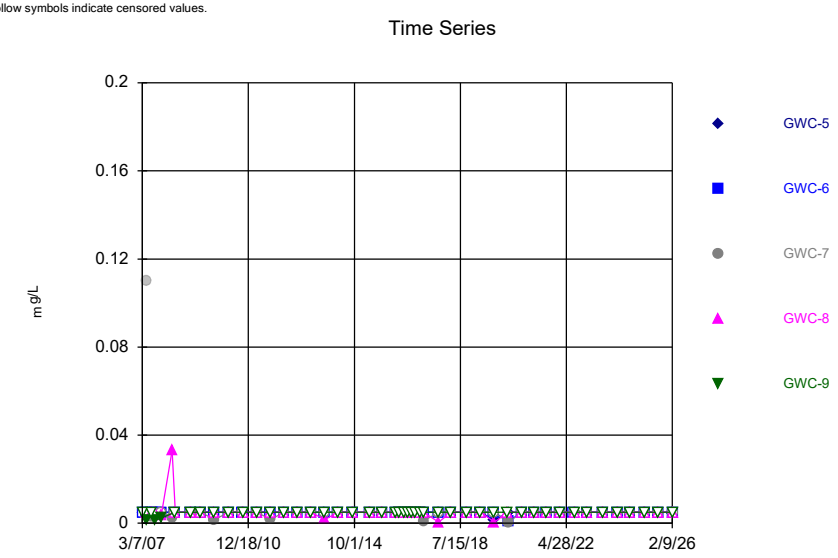

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Plant Hammond Client: Southern Company Data: Huffaker Road LF

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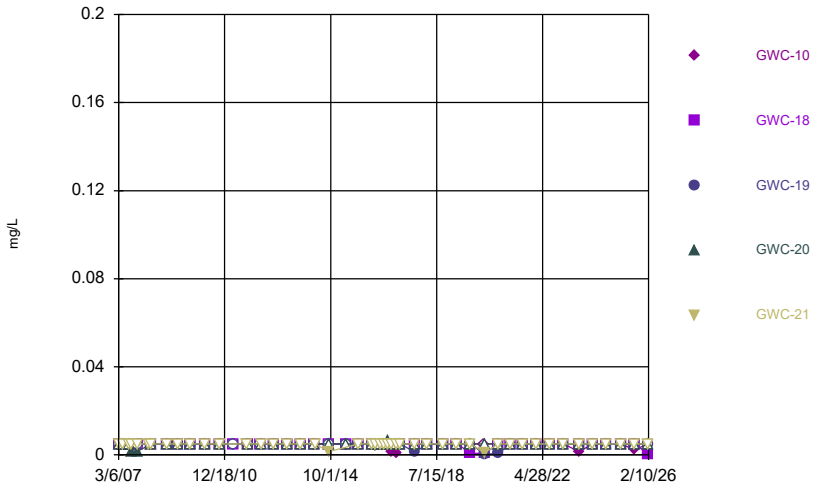

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Plant Hammond Client: Southern Company Data: Huffaker Road LF

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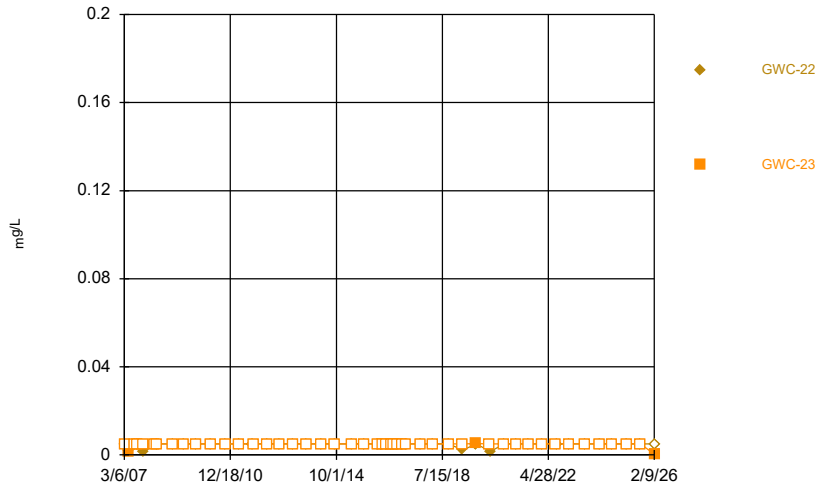

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Plant Hammond Client: Southern Company Data: Huffaker Road LF

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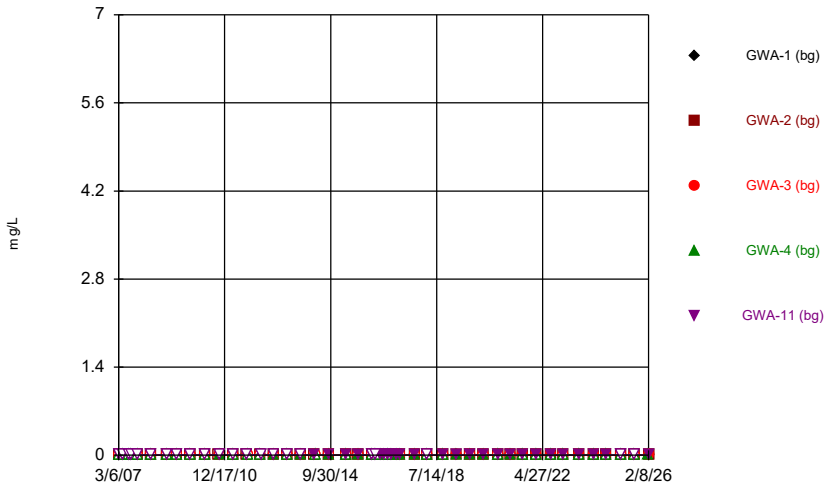
Time Series



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Plant Hammond Client: Southern Company Data: Huffaker Road LF

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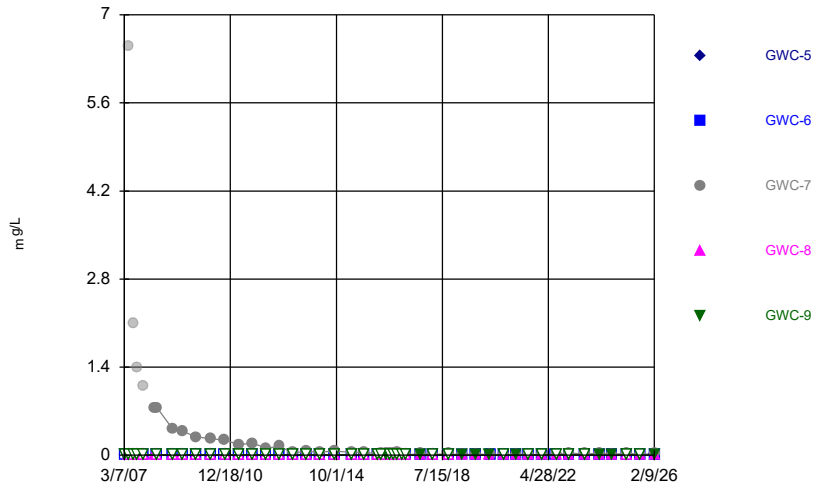
Time Series



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Plant Hammond Client: Southern Company Data: Huffaker Road LF

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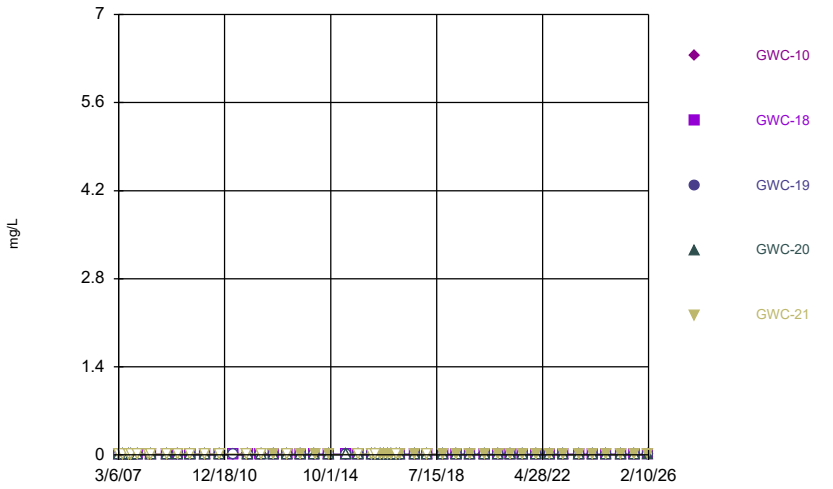
Time Series



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Plant Hammond Client: Southern Company Data: Huffaker Road LF

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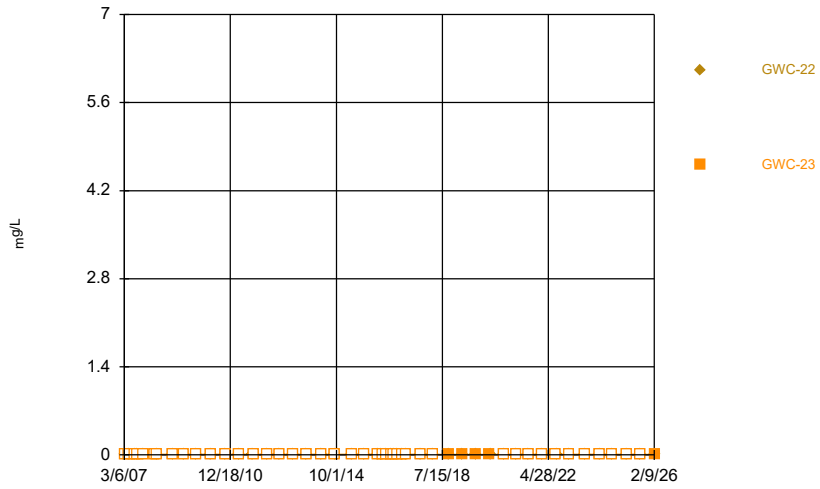

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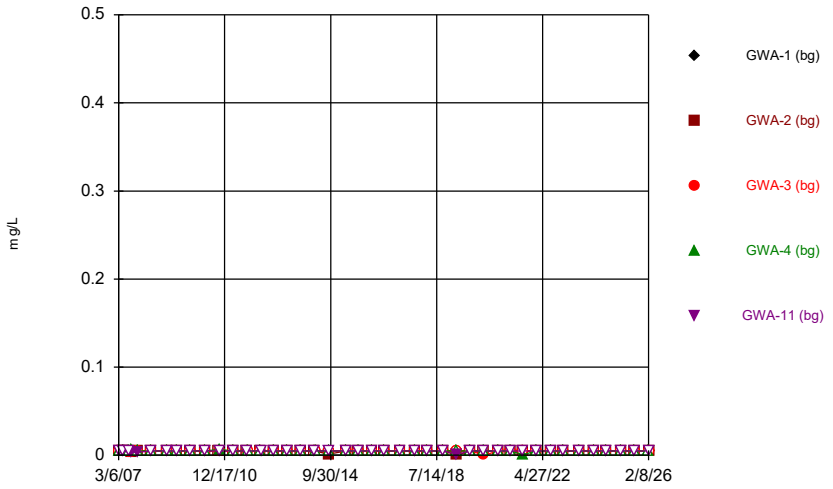
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

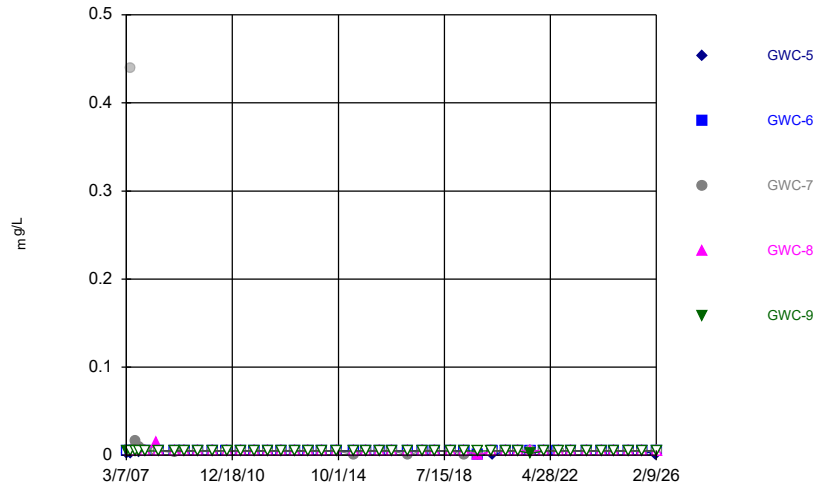
Time Series



Constituent: Copper Analysis Run 6/5/2026 12:02 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Copper Analysis Run 6/5/2026 12:02 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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Hollow symbols indicate censored values.

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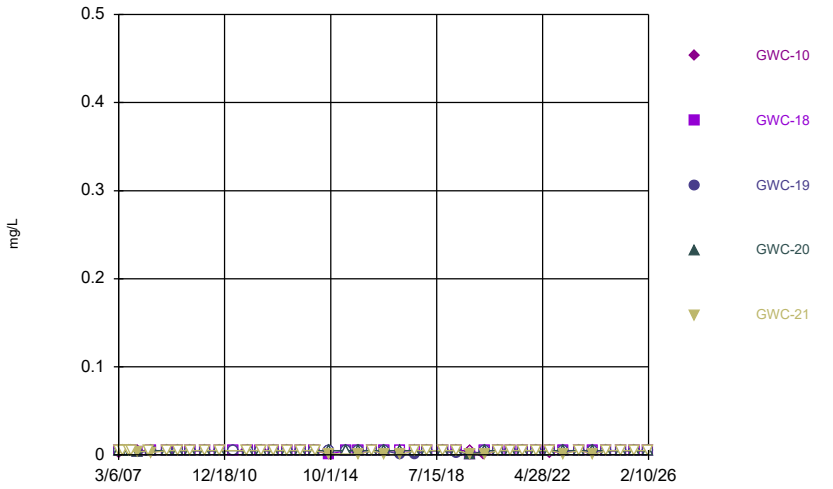

Constituent: Copper Analysis Run 6/5/2026 12:02 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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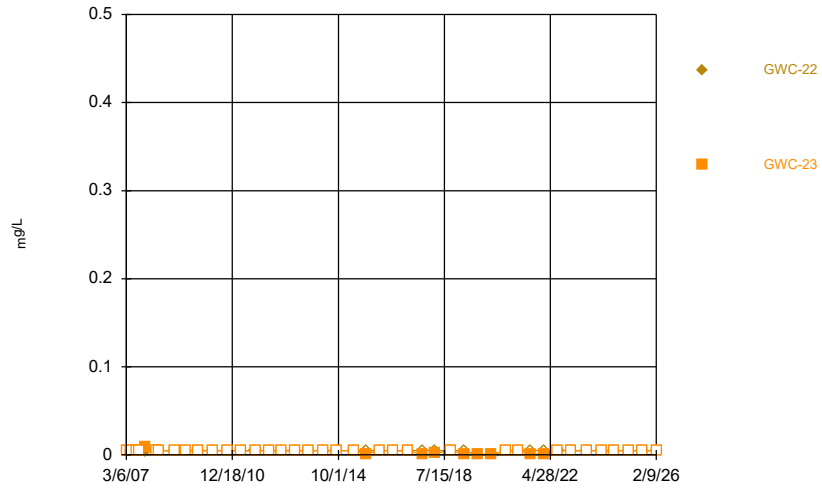
Hollow symbols indicate censored values.

Time Series



Constituent: Copper Analysis Run 6/5/2026 12:02 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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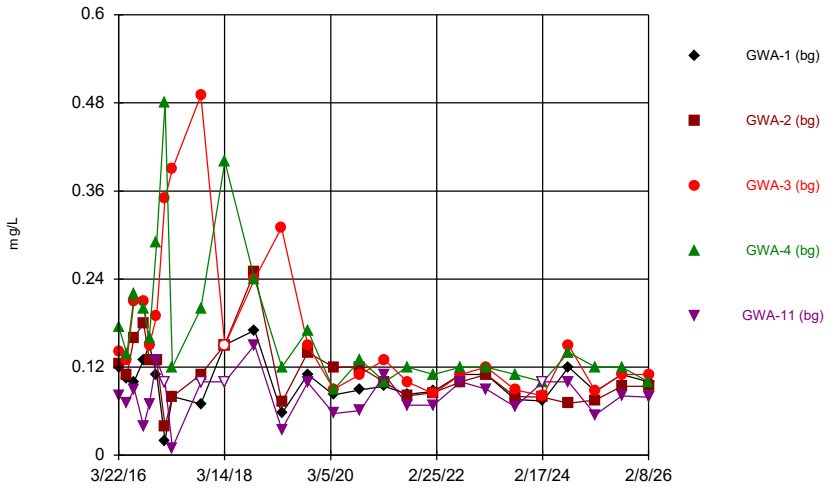
Hollow symbols indicate censored values.

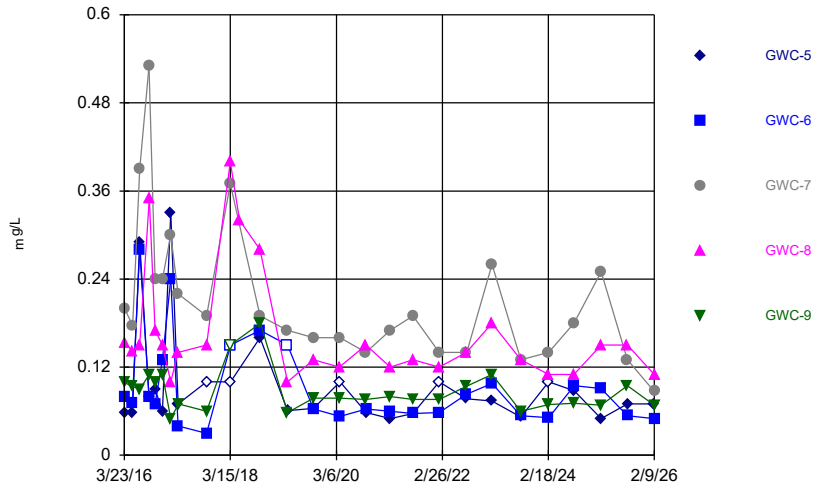
Time Series



Constituent: Fluoride Analysis Run 6/5/2026 12:03 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



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Plant Hammond Client: Southern Company Data: Huffaker Road LF

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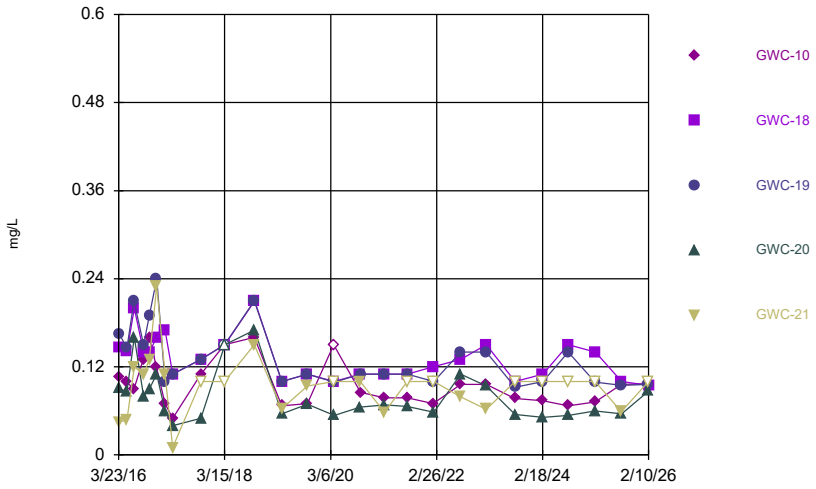
Time Series



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Plant Hammond Client: Southern Company Data: Huffaker Road LF

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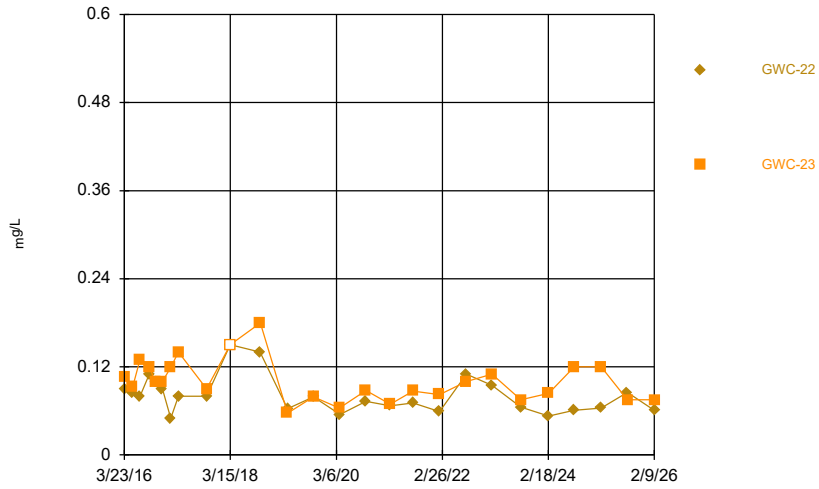
Time Series



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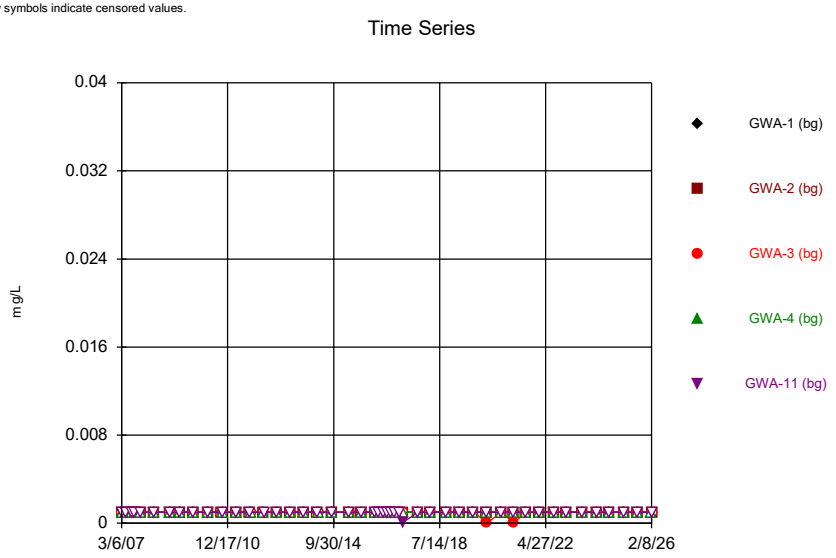
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



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Plant Hammond Client: Southern Company Data: Huffaker Road LF

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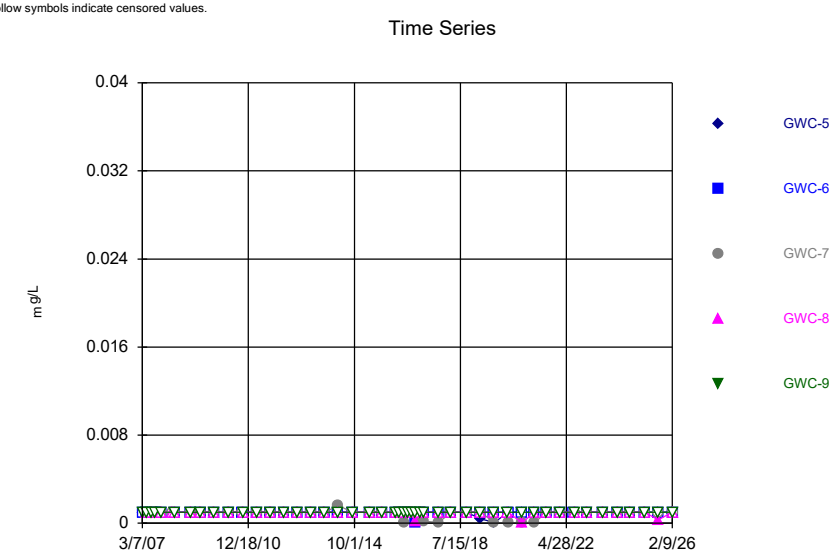
Hollow symbols indicate censored values.



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Plant Hammond Client: Southern Company Data: Huffaker Road LF

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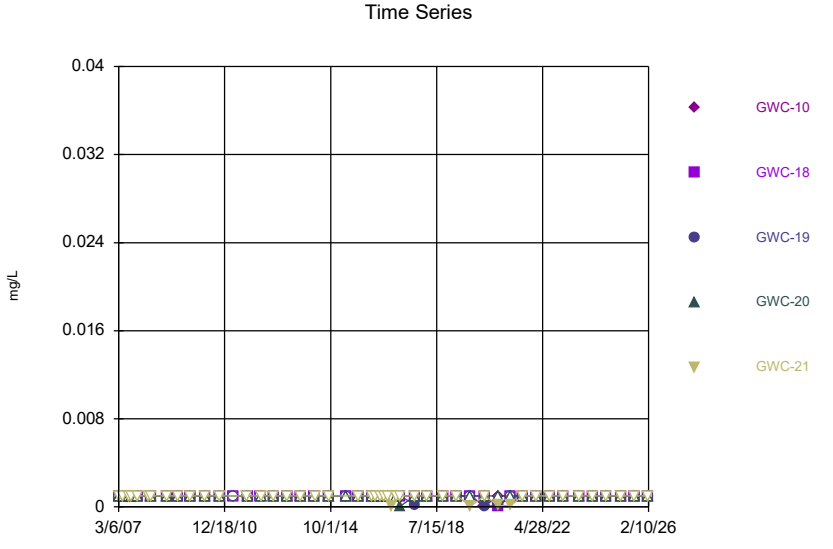
Hollow symbols indicate censored values.



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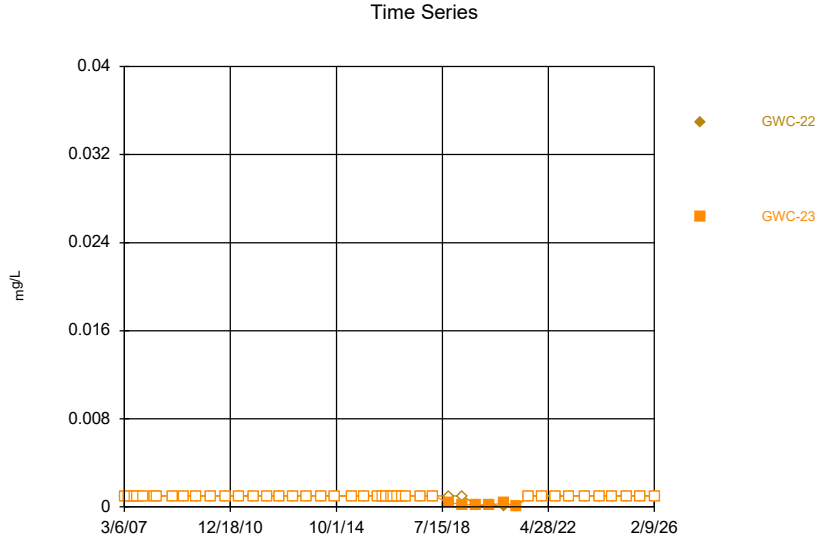
Plant Hammond Client: Southern Company Data: Huffaker Road LF

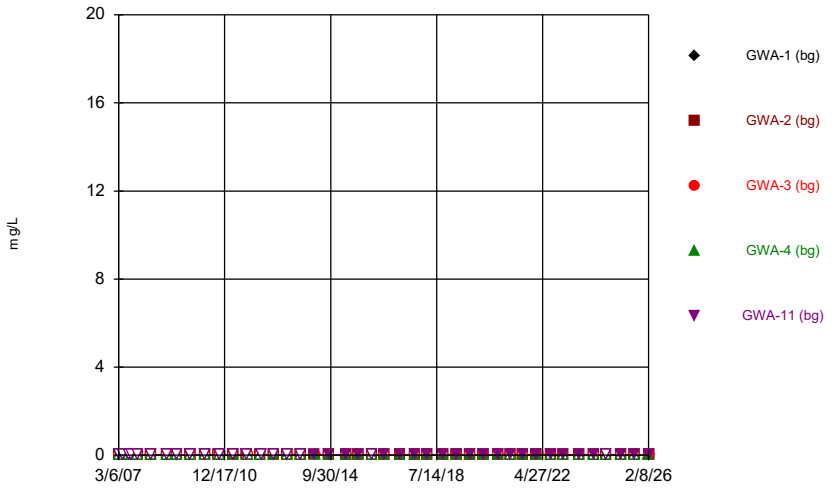
Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



Constituent: Lead Analysis Run 6/5/2026 12:03 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Nickel Analysis Run 6/5/2026 12:03 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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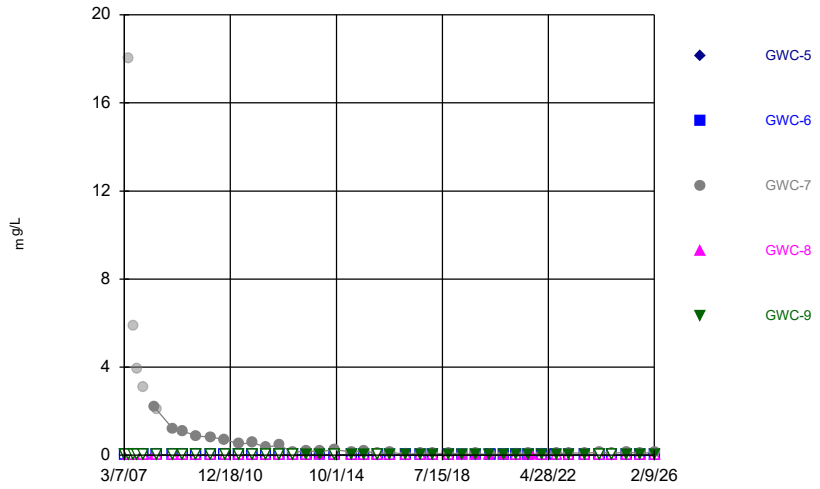
Hollow symbols indicate censored values.

Time Series



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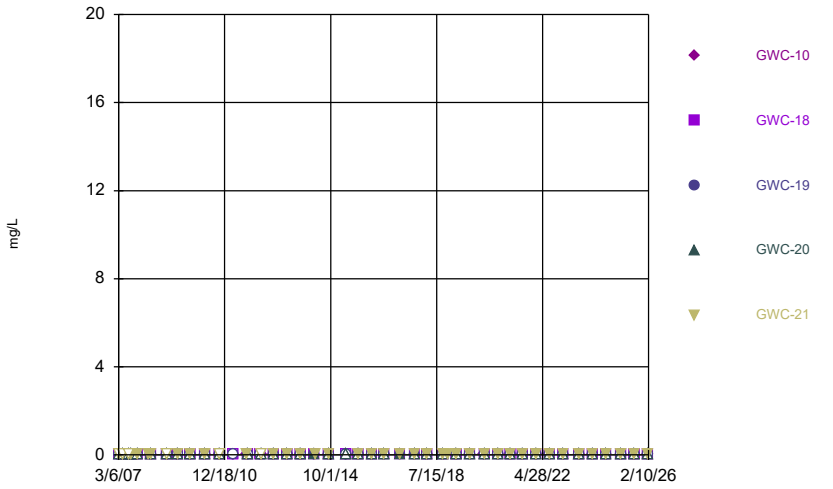
Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



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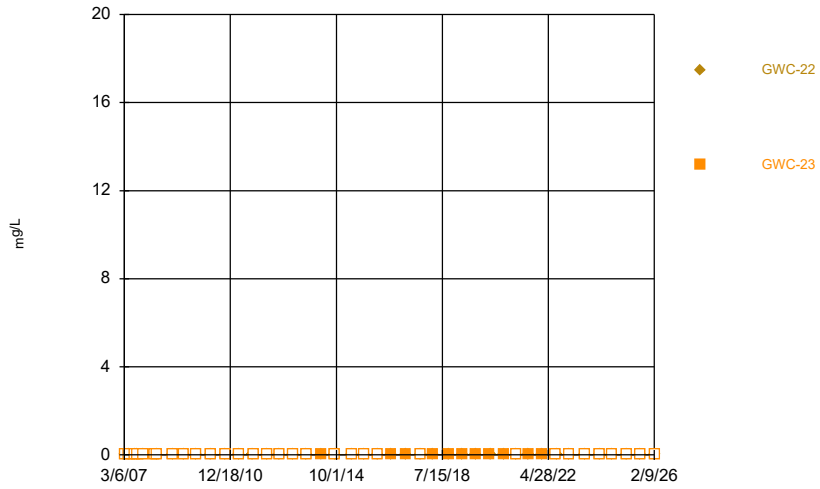
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



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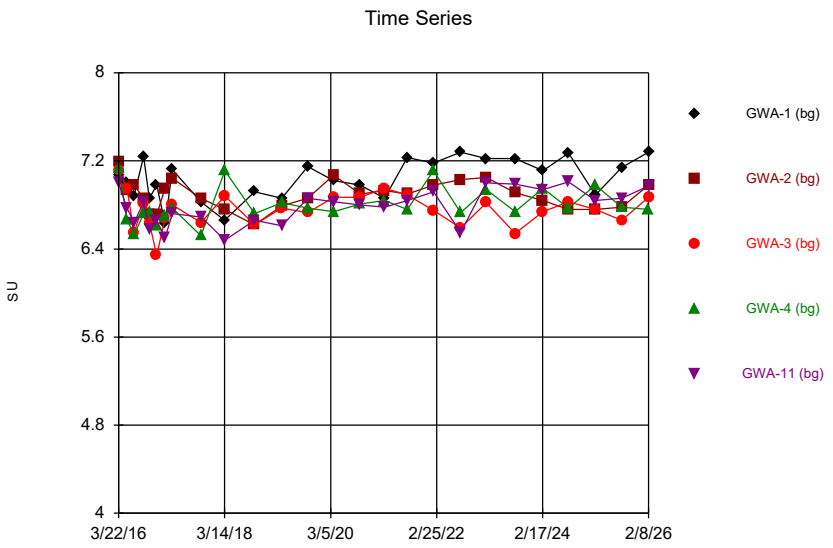
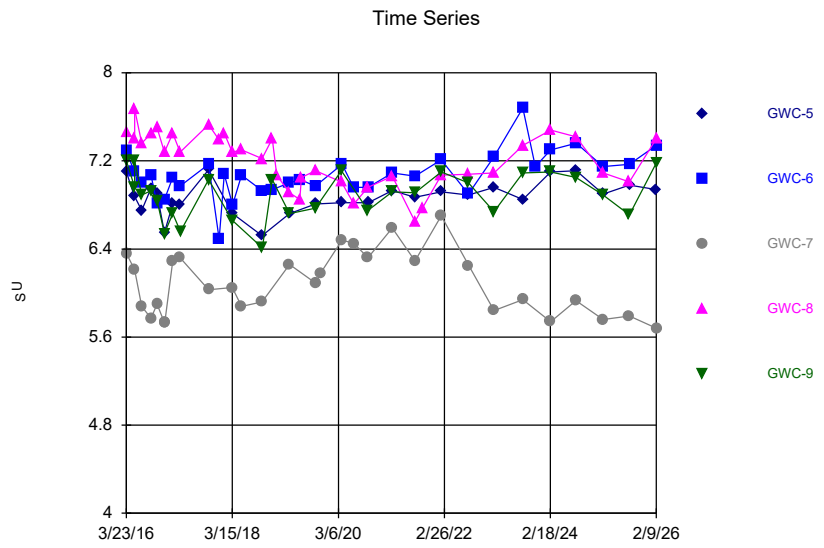
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG



Constituent: pH, Field Analysis Run 6/5/2026 12:03 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG



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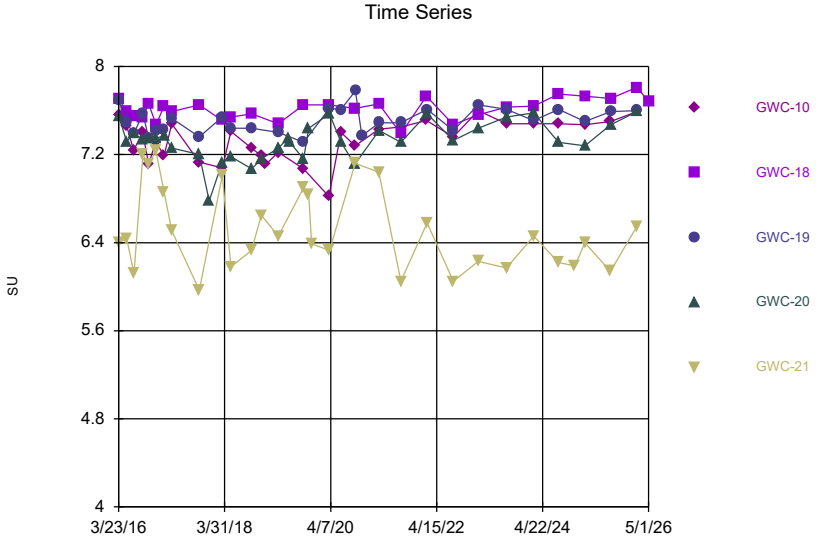
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG



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Plant Hammond Client: Southern Company Data: Huffaker Road LF

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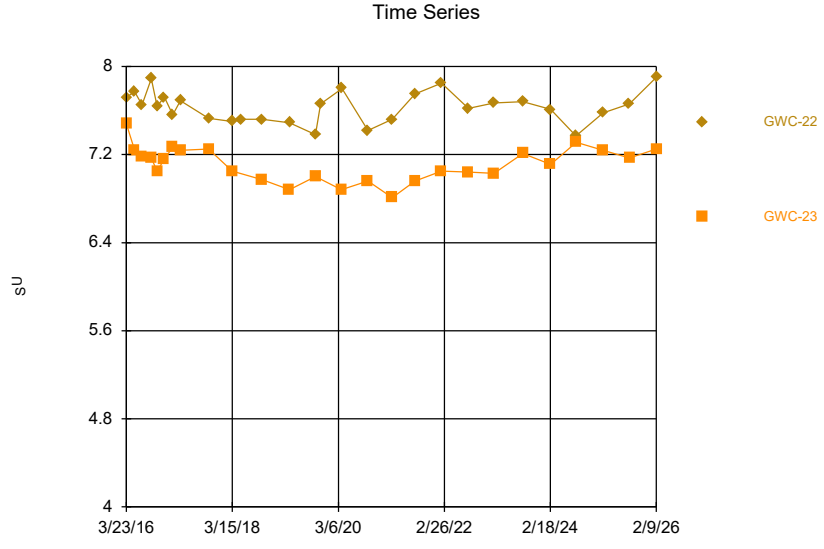

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Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
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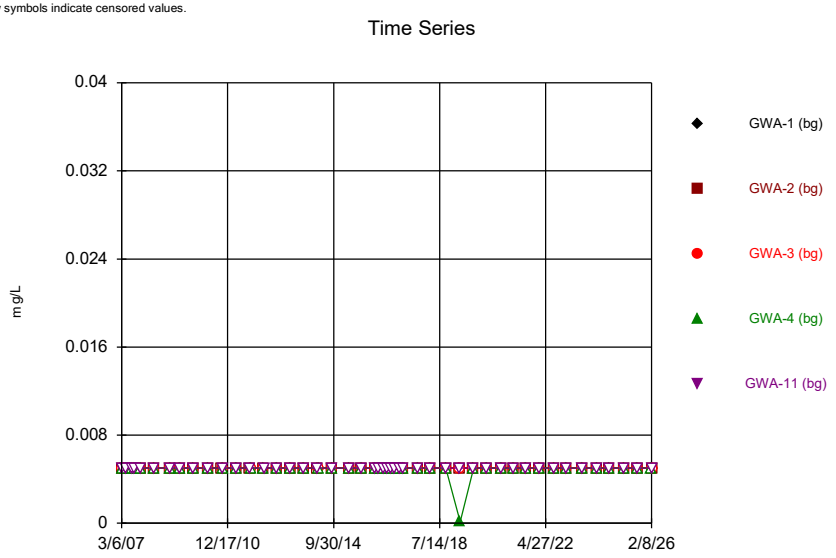

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Plant Hammond Client: Southern Company Data: Huffaker Road LF

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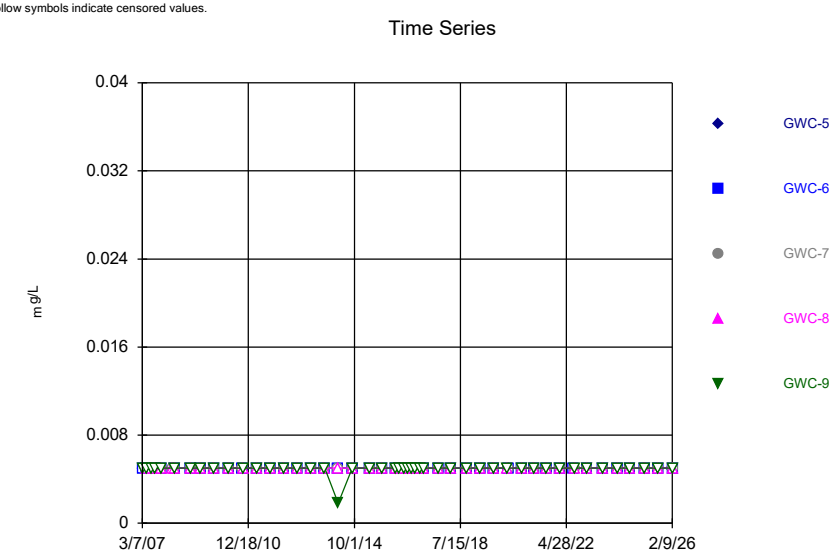

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Plant Hammond Client: Southern Company Data: Huffaker Road LF

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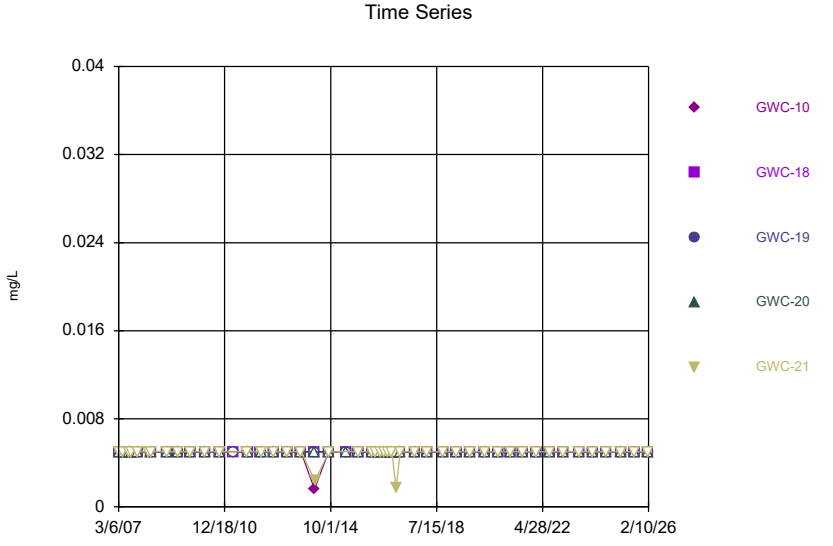

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Plant Hammond Client: Southern Company Data: Huffaker Road LF

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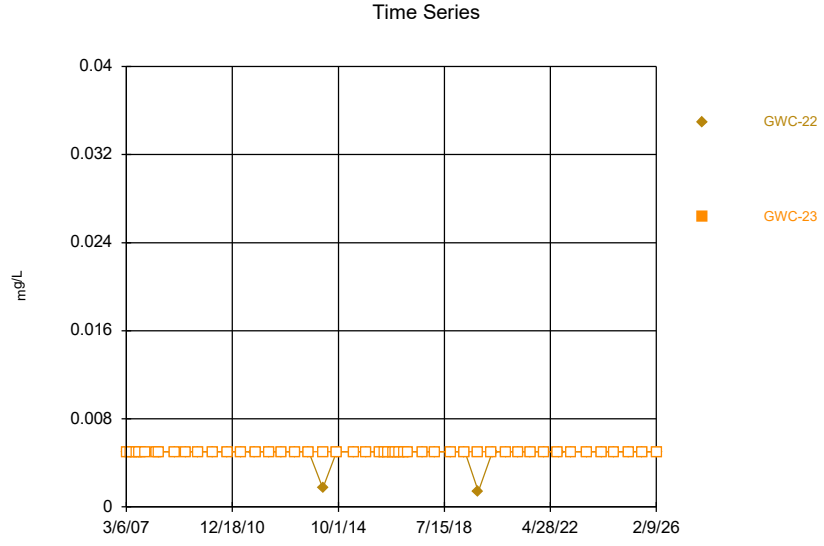
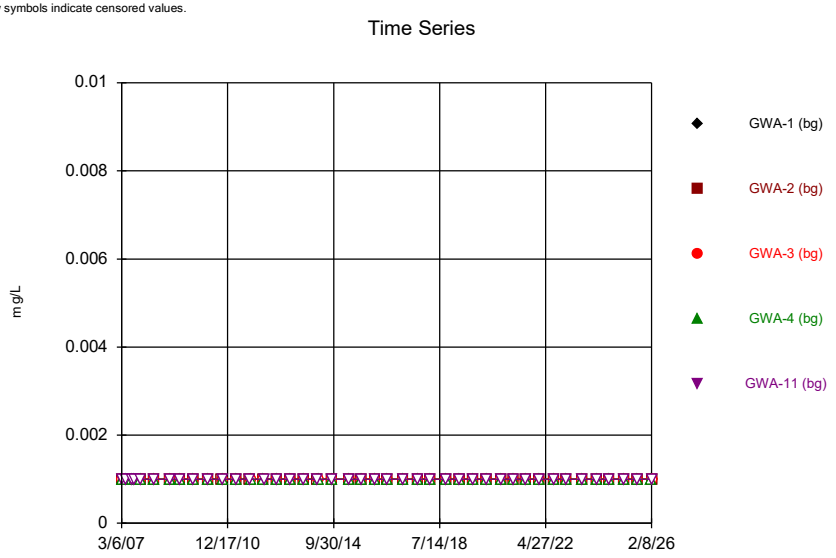


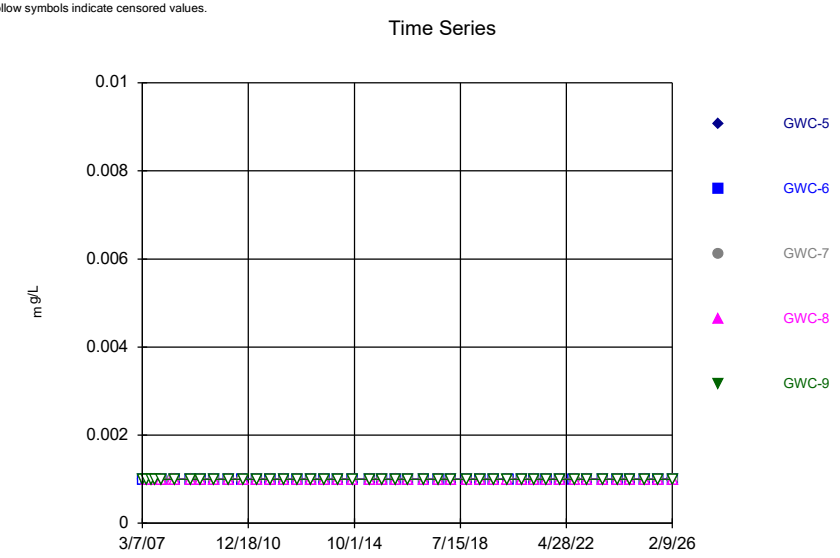
Constituent: Selenium Analysis Run 6/5/2026 12:03 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



Constituent: Silver Analysis Run 6/5/2026 12:03 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



Constituent: Silver Analysis Run 6/5/2026 12:03 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
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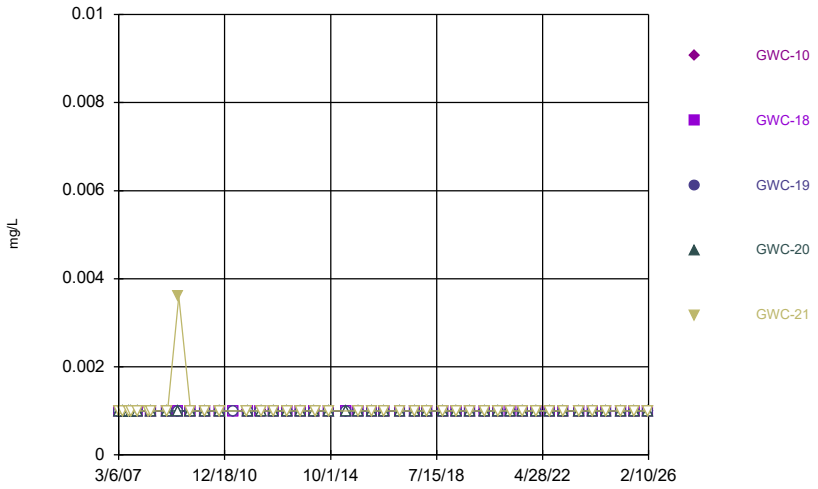

Constituent: Silver Analysis Run 6/5/2026 12:03 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
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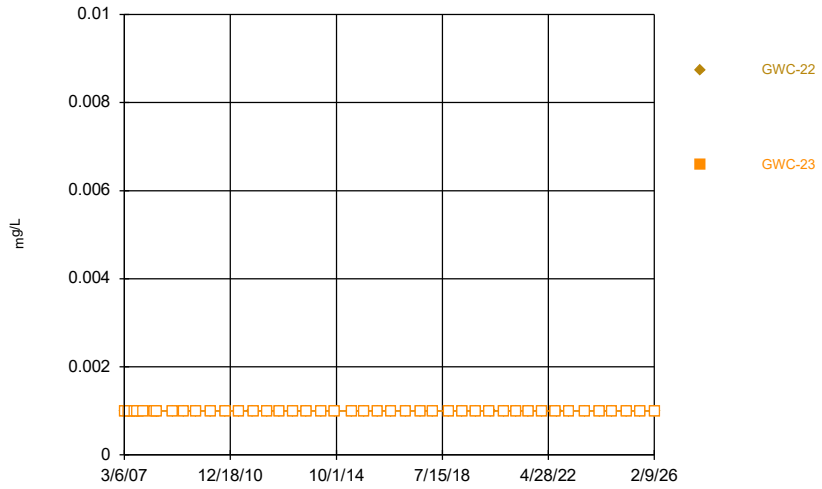

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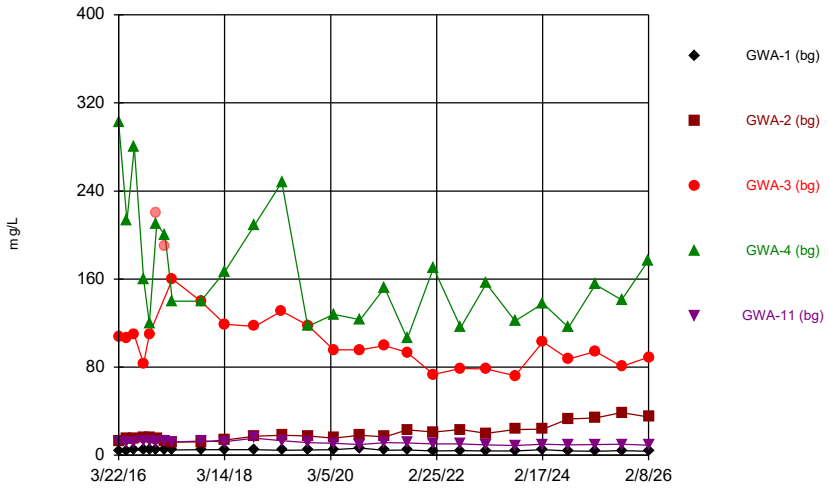
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

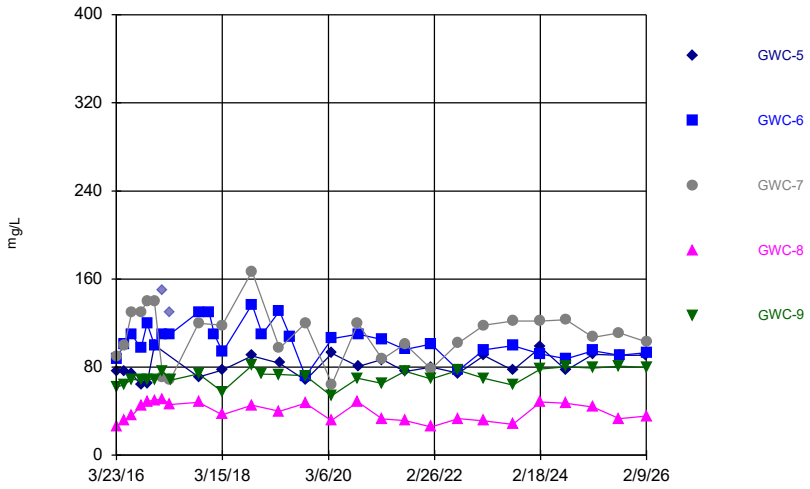
Time Series



Constituent: Sulfate Analysis Run 6/5/2026 12:03 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Time Series



Constituent: Sulfate Analysis Run 6/5/2026 12:03 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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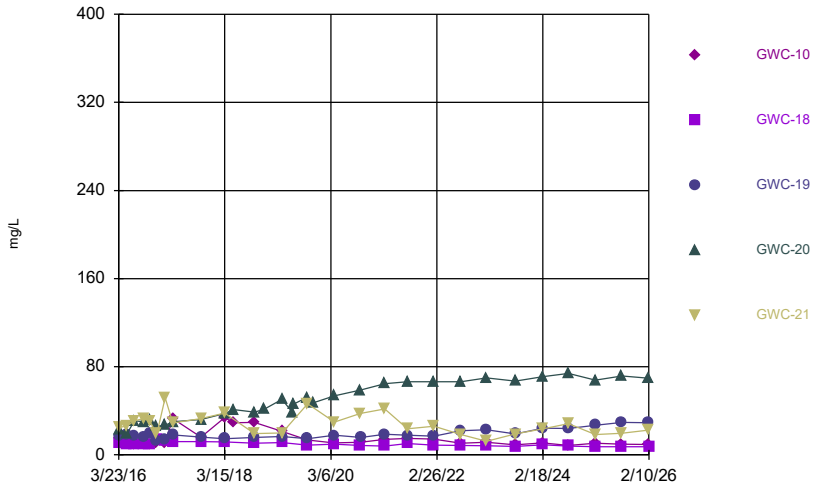
Time Series



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Plant Hammond Client: Southern Company Data: Huffaker Road LF

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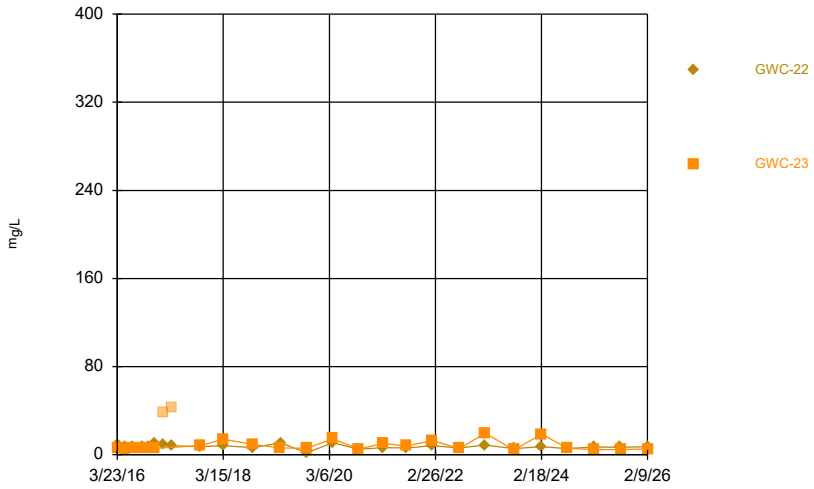
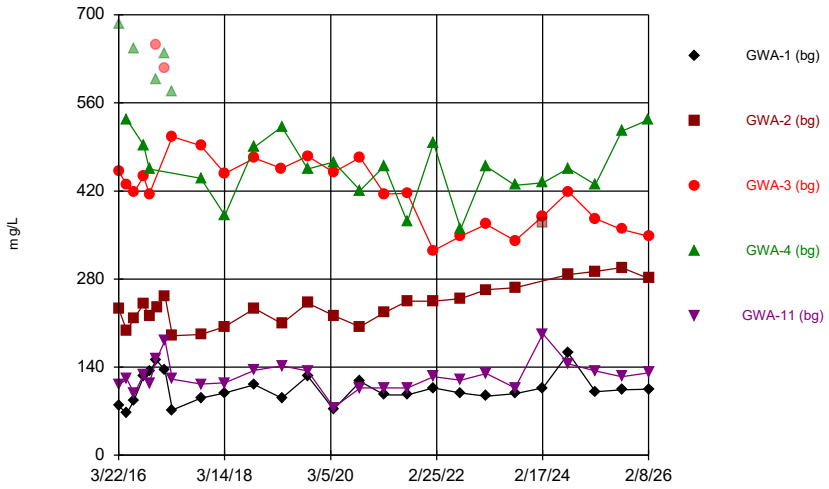
Time Series



Constituent: Sulfate Analysis Run 6/5/2026 12:03 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

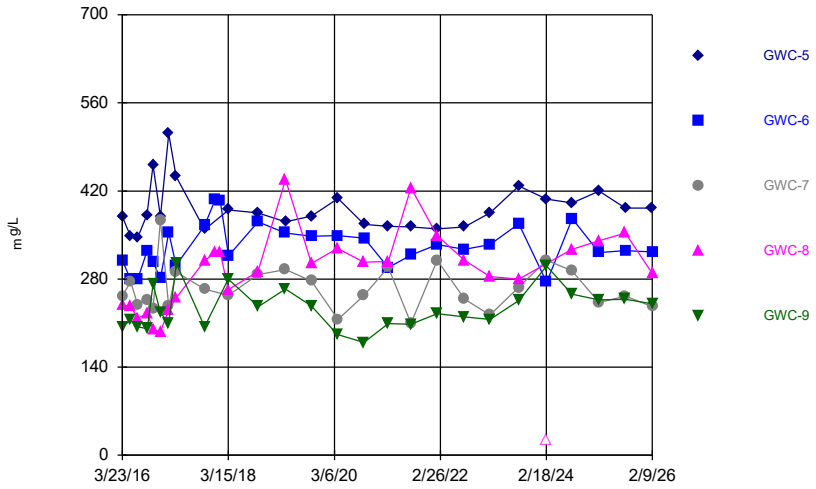
Time Series



Constituent: TDS Analysis Run 6/5/2026 12:03 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



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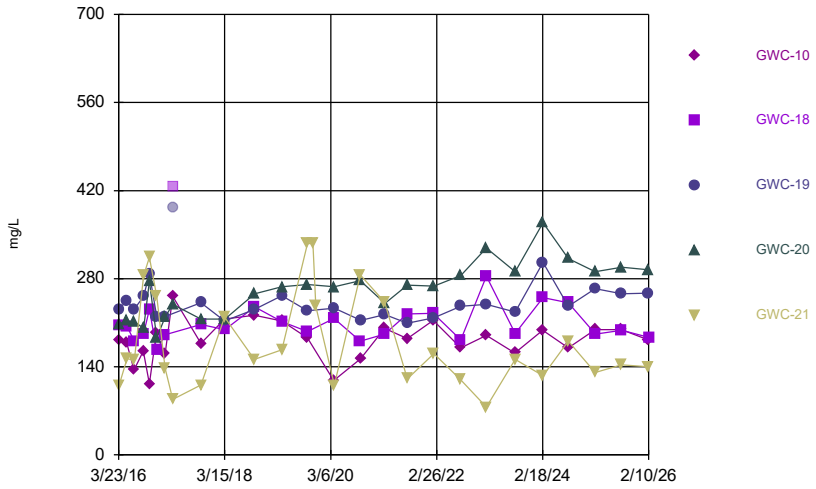
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Time Series



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Plant Hammond Client: Southern Company Data: Huffaker Road LF

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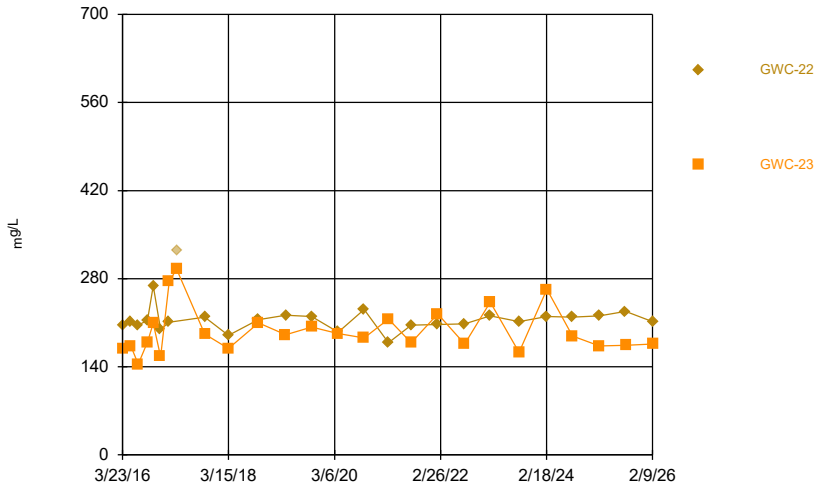
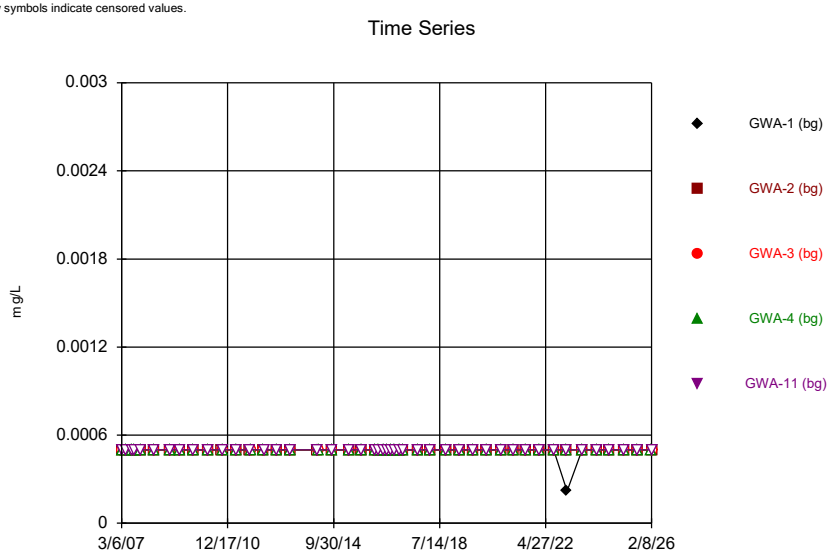
Time Series



Constituent: TDS Analysis Run 6/5/2026 12:03 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



Constituent: Thallium Analysis Run 6/5/2026 12:03 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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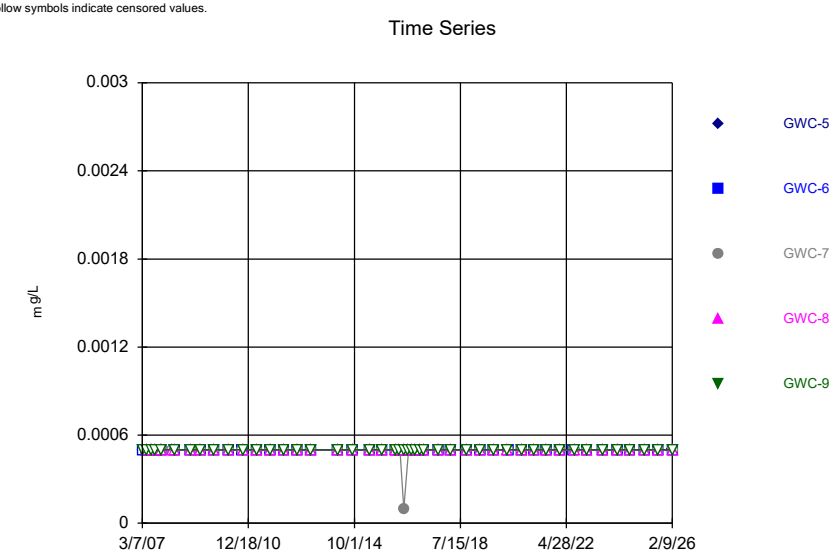

Constituent: Thallium Analysis Run 6/5/2026 12:03 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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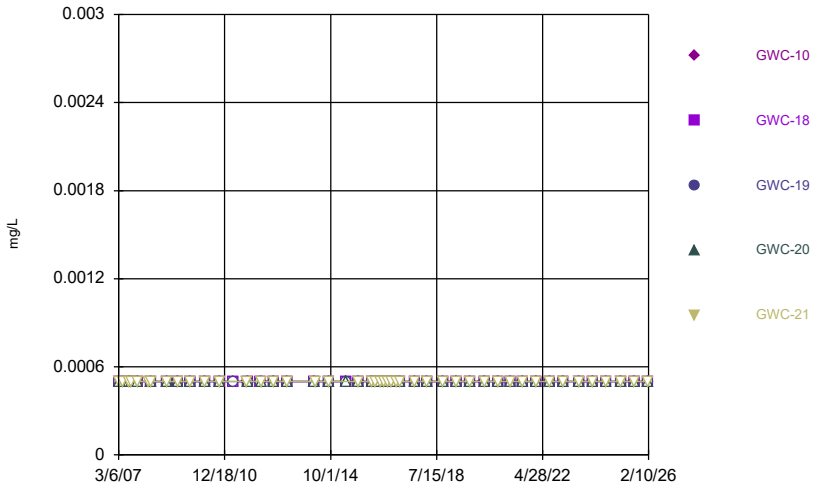

Constituent: Thallium Analysis Run 6/5/2026 12:03 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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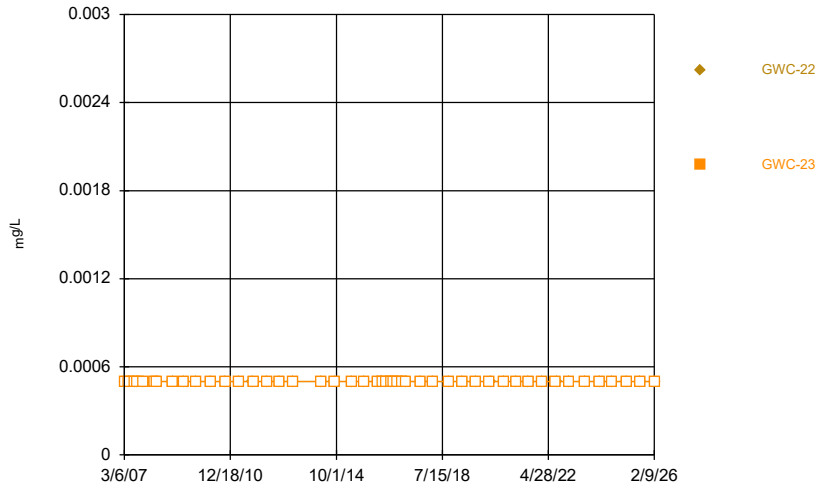
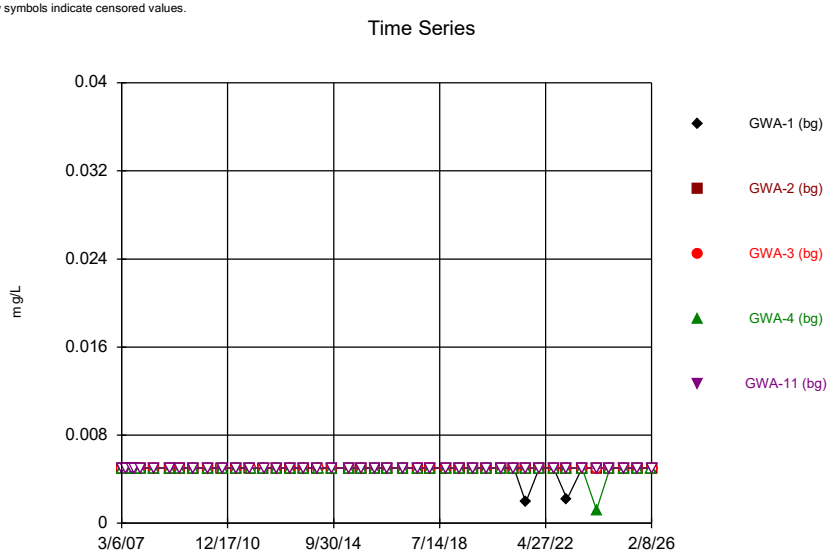
Hollow symbols indicate censored values.



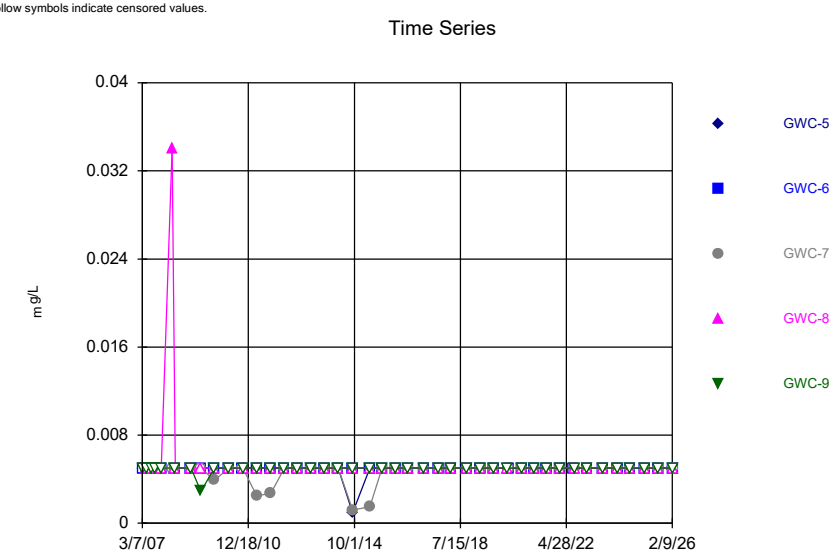
Constituent: Thallium Analysis Run 6/5/2026 12:03 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



Constituent: Vanadium Analysis Run 6/5/2026 12:03 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



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Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
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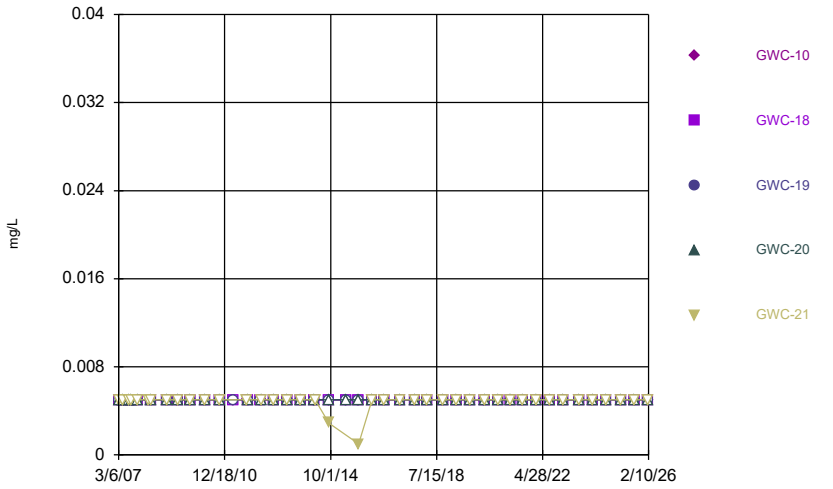

Constituent: Vanadium Analysis Run 6/5/2026 12:03 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
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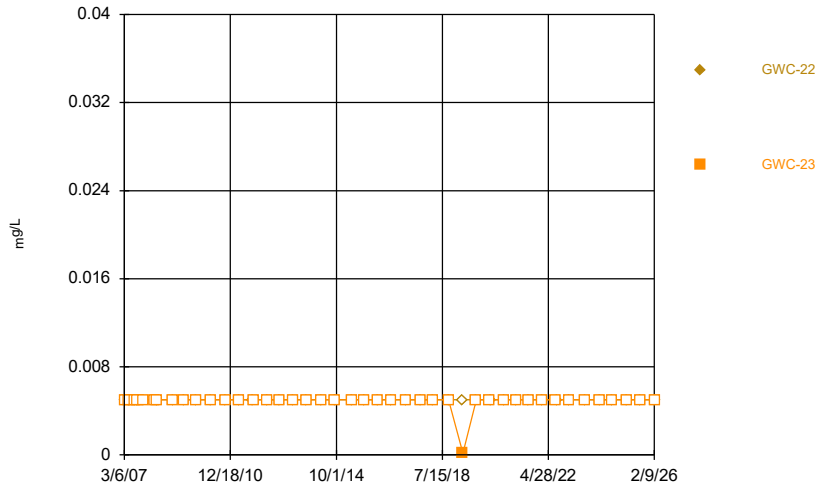
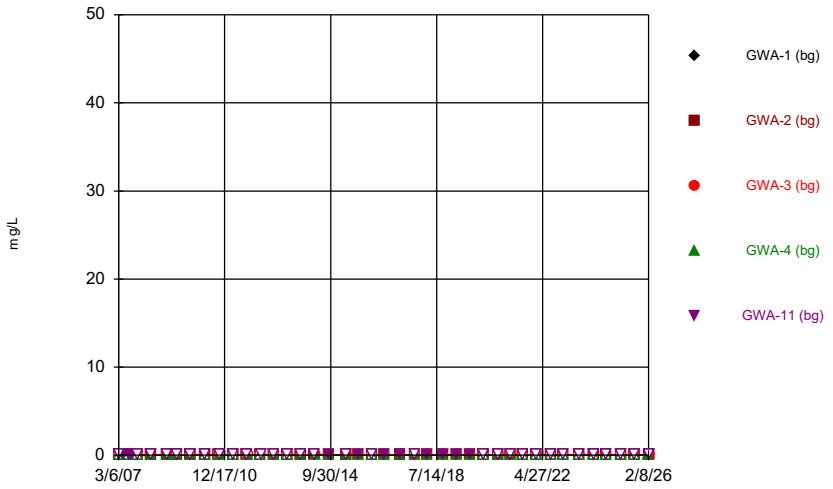


Constituent: Vanadium Analysis Run 6/5/2026 12:03 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

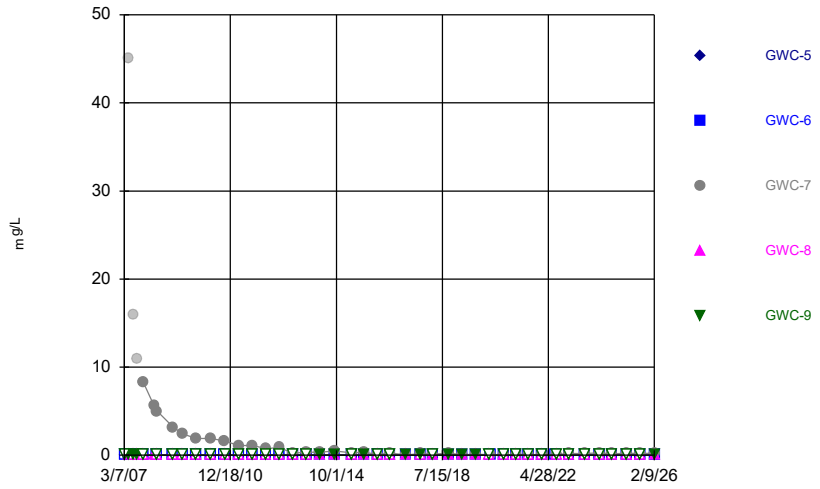
Time Series



Constituent: Zinc Analysis Run 6/5/2026 12:03 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

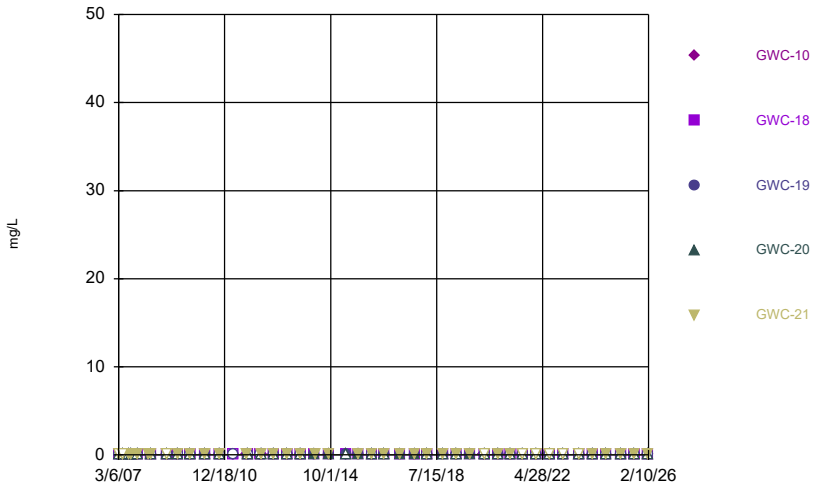
Time Series



Constituent: Zinc Analysis Run 6/5/2026 12:03 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

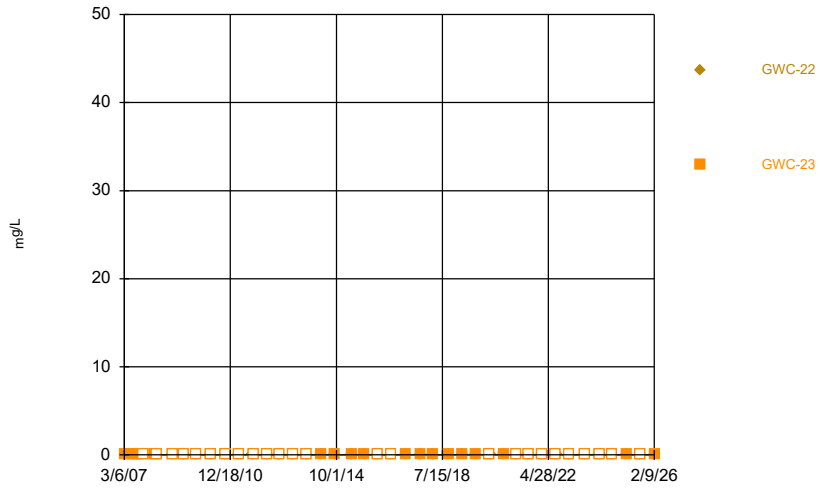
Time Series



Constituent: Zinc Analysis Run 6/5/2026 12:03 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Zinc Analysis Run 6/5/2026 12:03 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/5/2026 12:06 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)
3/6/2007	<0.002	<0.002	<0.002	<0.002	
3/7/2007					<0.002
5/8/2007	<0.002	<0.002	<0.002	<0.002	<0.002
7/7/2007	<0.002	<0.002			
7/17/2007			<0.002	<0.002	<0.002
8/28/2007	<0.002	<0.002	<0.002	<0.002	<0.002
11/6/2007	<0.002	<0.002	<0.002	<0.002	
11/7/2007					<0.002
5/8/2008			<0.002	<0.002	
5/9/2008	<0.002	<0.002			<0.002
12/2/2008					<0.002
12/3/2008	<0.002	<0.002	<0.002	<0.002	
4/7/2009	<0.002	<0.002	<0.002	<0.002	
4/8/2009					<0.002
10/1/2009	<0.002	<0.002			<0.002
10/2/2009			<0.002	<0.002	
4/13/2010		<0.002			
4/14/2010	<0.002		<0.002	<0.002	<0.002
10/7/2010		<0.002			
10/13/2010	<0.002				<0.002
10/14/2010			<0.002	<0.002	
4/5/2011			<0.002	<0.002	
4/6/2011	<0.002	<0.002			<0.002
10/4/2011					<0.002
10/6/2011		<0.002			
10/10/2011	<0.002				
10/12/2011			<0.002	<0.002	
4/3/2012	<0.002	<0.002			
4/4/2012			<0.002	<0.002	
4/10/2012					<0.002
9/19/2012		<0.002			
9/24/2012	<0.002			<0.002	
9/26/2012			<0.002		<0.002
3/12/2013	<0.002	<0.002	<0.002	<0.002	<0.002
9/9/2013		<0.002			
9/10/2013			<0.002	<0.002	<0.002
9/11/2013	<0.002				
3/4/2014	<0.002	<0.002			<0.002
3/11/2014			<0.002	<0.002	
9/3/2014	<0.002	<0.002			<0.002
9/8/2014			<0.002	<0.002	
4/21/2015	<0.002		<0.002	<0.002	<0.002
4/22/2015		<0.002			
9/29/2015			<0.002	<0.002	<0.002
9/30/2015	<0.002	<0.002			
3/22/2016	<0.002	<0.002	<0.002	<0.002	<0.002
5/17/2016	<0.002	<0.002	<0.002	<0.002	<0.002
7/5/2016	<0.002	<0.002	<0.002		
7/6/2016				0.0003 (J)	0.0003 (J)
9/7/2016	<0.002	0.0021 (J)	0.0009 (J)	<0.002	<0.002
10/18/2016	<0.002	<0.002	<0.002	<0.002	<0.002
12/6/2016	<0.002		<0.002	<0.002	<0.002

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

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/5/2026 12:06 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)
12/7/2016		<0.002			
1/31/2017	<0.002	<0.002			
2/1/2017			<0.002	<0.002	<0.002
3/23/2017	<0.002	<0.002	<0.002		
3/24/2017				<0.002	<0.002
10/4/2017	<0.002	<0.002	<0.002	<0.002	
10/5/2017					<0.002
3/14/2018	<0.002	<0.002			
3/15/2018			<0.002	<0.002	<0.002
10/4/2018	<0.002	<0.002	<0.002	<0.002	<0.002
4/5/2019			<0.002		
4/8/2019	<0.002	<0.002		<0.002	<0.002
9/30/2019	<0.002	<0.002	<0.002	<0.002	<0.002
3/26/2020	0.00028 (J)	0.00049 (J)	<0.002	<0.002	<0.002
9/21/2020		<0.002			
9/22/2020					<0.002
9/23/2020	<0.002		<0.002	<0.002	
3/8/2021	<0.002		<0.002	0.0016 (J)	0.0005 (J)
3/9/2021		<0.002			
8/9/2021	<0.002	0.0023 (J)	<0.002	<0.002	
8/10/2021					<0.002
2/4/2022	<0.002	<0.002	<0.002	<0.002	<0.002
8/8/2022	0.00084 (J)	<0.002	<0.002	<0.002	<0.002
1/30/2023	<0.002	<0.002	<0.002	<0.002	<0.002
8/14/2023	0.0028 (J)	<0.002	<0.002	<0.002	<0.002
2/19/2024	<0.002	<0.002	<0.002	<0.002	<0.002
8/10/2024		<0.002			
8/11/2024	<0.002		<0.002	<0.002	<0.002
2/11/2025	<0.002	<0.002	<0.002	<0.002	<0.002
8/9/2025	<0.002	<0.002	<0.002	<0.002	<0.002
2/7/2026				<0.002	
2/8/2026	<0.002	<0.002	<0.002		<0.002

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

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/5/2026 12:06 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/7/2007	<0.002	<0.002			<0.002
5/8/2007	<0.002				<0.002
5/9/2007		<0.002	<0.002	<0.002	
7/6/2007	<0.002		<0.002	<0.002	<0.002
7/17/2007		<0.002			
8/28/2007	<0.002	<0.002	<0.002	<0.002	<0.002
11/6/2007	<0.002	<0.002	<0.002	0.0064 (O)	<0.002
3/31/2008			<0.002	<0.002	
5/8/2008	<0.002	<0.002	<0.002	<0.002	<0.002
12/2/2008			<0.002	<0.002	<0.002
12/3/2008	<0.002	<0.002			
4/7/2009	<0.002	<0.002			
4/8/2009			<0.002	<0.002	<0.002
9/30/2009				<0.002	<0.002
10/1/2009	<0.002	<0.002	<0.002		
4/13/2010		<0.002	<0.002	<0.002	<0.002
4/14/2010	<0.002				
10/6/2010		<0.002			
10/7/2010			<0.002		
10/13/2010				<0.002	<0.002
10/14/2010	<0.002				
4/5/2011	<0.002	<0.002	<0.002	<0.002	<0.002
10/4/2011		<0.002	<0.002	<0.002	<0.002
10/12/2011	<0.002				
4/3/2012		<0.002	<0.002	<0.002	
4/4/2012	<0.002				<0.002
9/18/2012		<0.002	<0.002		
9/19/2012				<0.002	<0.002
9/24/2012	<0.002				
3/12/2013	<0.002	<0.002	<0.002	<0.002	<0.002
9/9/2013		<0.002			
9/10/2013	<0.002		<0.002	<0.002	<0.002
3/5/2014	<0.002	<0.002	<0.002	<0.002	<0.002
9/3/2014					<0.002
9/8/2014		<0.002	<0.002		
9/9/2014	<0.002			<0.002	
4/21/2015	<0.002		<0.002		<0.002
4/22/2015		<0.002		<0.002	
9/29/2015	<0.002	<0.002	<0.002	<0.002	<0.002
3/23/2016	<0.002	<0.002	<0.002	<0.002	<0.002
5/17/2016	<0.002	<0.002			
5/18/2016			<0.002	<0.002	<0.002
7/6/2016	0.0004 (J)	0.0005 (J)	0.0013 (J)	0.0002 (J)	<0.002
9/7/2016	<0.002	<0.002	<0.002		
9/8/2016				<0.002	<0.002
10/18/2016	<0.002	<0.002	<0.002	<0.002	
10/19/2016					<0.002
12/8/2016	<0.002	<0.002	<0.002	<0.002	0.0012 (J)
2/1/2017	<0.002	<0.002			
2/2/2017			<0.002	<0.002	<0.002
3/23/2017	<0.002	<0.002			
3/24/2017			<0.002	<0.002	

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

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/5/2026 12:06 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/27/2017					<0.002
10/4/2017	<0.002	<0.002	<0.002		
10/5/2017				<0.002	<0.002
3/14/2018				<0.002	
3/15/2018			<0.002		<0.002
3/16/2018	<0.002	<0.002			
10/4/2018	<0.002	<0.002	<0.002	<0.002	
10/5/2018					<0.002
4/8/2019		<0.002	<0.002	<0.002	<0.002
4/9/2019	<0.002				
10/1/2019	<0.002	<0.002	<0.002	<0.002	<0.002
3/27/2020				<0.002	<0.002
3/30/2020			<0.002		
3/31/2020	<0.002	<0.002			
9/24/2020			0.0008 (J)	0.0019 (J)	0.00056 (J)
9/25/2020	0.00052 (J)	<0.002			
3/9/2021	<0.002	<0.002	<0.002	<0.002	<0.002
8/10/2021	<0.002	<0.002	<0.002	<0.002	<0.002
2/4/2022	<0.002	<0.002	<0.002	<0.002	<0.002
8/8/2022		<0.002			
8/9/2022	<0.002			<0.002	<0.002
8/10/2022			<0.002		
1/31/2023	<0.002	<0.002	<0.002	<0.002	<0.002
8/14/2023		<0.002			
8/15/2023	<0.002		<0.002	<0.002	<0.002
2/20/2024	<0.002				<0.002
2/21/2024		<0.002	<0.002	<0.002	
8/11/2024			0.0019 (J)	<0.002	<0.002
8/12/2024	<0.002	<0.002			
2/11/2025	<0.002				<0.002
2/12/2025		<0.002	<0.002	<0.002	
8/9/2025			<0.002	<0.002	<0.002
8/10/2025	<0.002	<0.002			
2/8/2026	<0.002				
2/9/2026		<0.002	<0.002	<0.002	<0.002

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

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/5/2026 12:06 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21
3/6/2007			<0.002		<0.002
3/7/2007	<0.002	<0.002		<0.002	
5/8/2007	<0.002				
5/9/2007		<0.002	<0.002	<0.002	<0.002
7/17/2007	<0.002	<0.002	<0.002	<0.002	<0.002
8/28/2007	<0.002	<0.002	<0.002		
8/29/2007				<0.002	<0.002
11/7/2007	<0.002	<0.002	<0.002	<0.002	<0.002
3/31/2008					<0.002
5/7/2008		<0.002	<0.002	<0.002	<0.002
5/9/2008	<0.002				
12/2/2008	<0.002				
12/3/2008		<0.002			
12/4/2008			<0.002		
12/5/2008				<0.002	<0.002
4/8/2009	<0.002				
4/14/2009		<0.002	<0.002	<0.002	
4/27/2009					<0.002
9/30/2009				<0.002	<0.002
10/1/2009	<0.002	<0.002			
10/2/2009			<0.002		
4/13/2010		<0.002	<0.002	<0.002	<0.002
4/14/2010	<0.002				
10/12/2010		<0.002	<0.002	<0.002	<0.002
10/13/2010	<0.002				
4/6/2011	<0.002	<0.002	<0.002		
10/4/2011	<0.002				
10/5/2011					<0.002
10/12/2011		<0.002	<0.002	<0.002	
4/5/2012		<0.002	<0.002		
4/9/2012				<0.002	
4/10/2012	<0.002				<0.002
9/19/2012		<0.002			
9/25/2012			<0.002	<0.002	
9/26/2012	<0.002				<0.002
3/12/2013	<0.002				
3/13/2013		<0.002	<0.002	<0.002	<0.002
9/10/2013	<0.002	<0.002			
9/11/2013			<0.002	<0.002	<0.002
3/4/2014	<0.002				
3/10/2014		<0.002	<0.002	<0.002	
3/11/2014					<0.002
9/3/2014	<0.002	<0.002			
9/9/2014			<0.002	<0.002	<0.002
4/21/2015	<0.002				
4/22/2015		<0.002	<0.002		
4/23/2015				<0.002	
9/30/2015	<0.002	<0.002	<0.002	<0.002	<0.002
3/23/2016	<0.002			<0.002	
3/24/2016		<0.002	<0.002		<0.002
5/17/2016	<0.002				
5/18/2016		<0.002	<0.002	<0.002	<0.002

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

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/5/2026 12:06 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21
7/6/2016	0.0005 (J)		0.0003 (J)		
7/7/2016		<0.002		<0.002	<0.002
9/7/2016	<0.002				
9/8/2016		<0.002	<0.002	<0.002	<0.002
10/18/2016	<0.002		<0.002		
10/19/2016		<0.002		<0.002	<0.002
12/6/2016	<0.002				
12/7/2016			<0.002	<0.002	<0.002
12/8/2016		<0.002			
2/2/2017	<0.002	<0.002	<0.002		<0.002
2/3/2017				<0.002	
3/27/2017	<0.002	<0.002	<0.002	<0.002	<0.002
10/5/2017	<0.002	<0.002	<0.002	<0.002	<0.002
3/15/2018	<0.002		<0.002		<0.002
3/16/2018		<0.002		<0.002	
10/4/2018	<0.002		<0.002		<0.002
10/5/2018		<0.002		<0.002	
4/9/2019	<0.002	<0.002	<0.002	<0.002	<0.002
10/1/2019	<0.002	<0.002	<0.002	<0.002	<0.002
3/27/2020	<0.002				
3/30/2020		<0.002			
3/31/2020			<0.002	<0.002	<0.002
9/23/2020				<0.002	
9/24/2020		0.00033 (J)			<0.002
9/25/2020	<0.002				
9/28/2020			<0.002		
3/9/2021	<0.002	<0.002			<0.002
3/10/2021			<0.002	<0.002	
8/10/2021	<0.002	<0.002	<0.002	<0.002	<0.002
2/4/2022	<0.002	<0.002			
2/7/2022			<0.002	<0.002	<0.002
8/9/2022	<0.002	<0.002	<0.002	<0.002	<0.002
1/30/2023	<0.002				
1/31/2023		<0.002	<0.002	<0.002	<0.002
8/14/2023	<0.002				
8/15/2023		0.0028 (J)	<0.002	<0.002	<0.002
2/19/2024	<0.002				
2/20/2024		<0.002	<0.002	<0.002	<0.002
8/11/2024	<0.002			<0.002	<0.002
8/12/2024		<0.002	<0.002		
2/11/2025	<0.002		<0.002	<0.002	<0.002
2/12/2025		<0.002			
8/9/2025	<0.002				<0.002
8/10/2025		<0.002	<0.002	<0.002	
2/8/2026	<0.002		<0.002		
2/9/2026				<0.002	<0.002
2/10/2026		<0.002			

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

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/5/2026 12:06 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-22	GWC-23
3/6/2007	<0.002	<0.002
5/9/2007	<0.002	<0.002
7/17/2007	<0.002	<0.002
8/29/2007	<0.002	<0.002
11/7/2007	<0.002	<0.002
3/31/2008		<0.002
5/7/2008	<0.002	<0.002
12/5/2008	<0.002	<0.002
4/14/2009	<0.002	<0.002
9/30/2009	<0.002	
10/1/2009		<0.002
4/13/2010	<0.002	
4/14/2010		<0.002
10/12/2010	<0.002	
10/13/2010		<0.002
4/6/2011	<0.002	<0.002
10/5/2011	<0.002	
10/12/2011		<0.002
4/9/2012	<0.002	<0.002
9/19/2012		<0.002
9/25/2012	<0.002	
3/13/2013	<0.002	<0.002
9/10/2013		<0.002
9/11/2013	<0.002	
3/11/2014	<0.002	<0.002
9/3/2014		<0.002
9/9/2014	<0.002	
4/23/2015	<0.002	<0.002
9/30/2015	<0.002	<0.002
3/23/2016	<0.002	<0.002
5/18/2016	<0.002	
5/19/2016		<0.002
7/7/2016	<0.002	<0.002
9/8/2016	<0.002	<0.002
10/19/2016	<0.002	<0.002
12/7/2016	<0.002	<0.002
2/2/2017	<0.002	
2/3/2017		<0.002
3/27/2017	<0.002	<0.002
10/5/2017	<0.002	<0.002
3/15/2018	<0.002	<0.002
10/4/2018	<0.002	
10/5/2018		<0.002
4/8/2019		<0.002
4/9/2019	<0.002	
10/1/2019	<0.002	<0.002
3/26/2020		<0.002
3/31/2020	<0.002	
9/23/2020	<0.002	<0.002
3/9/2021	<0.002	<0.002
8/10/2021	<0.002	<0.002
2/7/2022	<0.002	<0.002

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

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/5/2026 12:06 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-22	GWC-23
8/8/2022		<0.002
8/9/2022	<0.002	
1/31/2023	<0.002	<0.002
8/14/2023		<0.002
8/15/2023	<0.002	
2/20/2024	0.0007 (J)	<0.002
8/11/2024	<0.002	
8/12/2024		<0.002
2/11/2025	<0.002	
2/12/2025		<0.002
8/9/2025	<0.002	
8/10/2025		<0.002
2/9/2026	<0.002	<0.002

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

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/5/2026 12:06 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)
3/6/2007	<0.002	<0.002	<0.002	<0.002	
3/7/2007					<0.002
5/8/2007	<0.002	<0.002	<0.002	<0.002	<0.002
7/7/2007	<0.002	<0.002			
7/17/2007			<0.002	<0.002	<0.002
8/28/2007	<0.002	<0.002	<0.002	<0.002	<0.002
11/6/2007	<0.002	<0.002	<0.002	<0.002	
11/7/2007					<0.002
5/8/2008			<0.002	<0.002	
5/9/2008	<0.002	<0.002			<0.002
12/2/2008					<0.002
12/3/2008	<0.002	<0.002	<0.002	<0.002	
4/7/2009	<0.002	<0.002	<0.002	<0.002	
4/8/2009					<0.002
10/1/2009	<0.002	<0.002			<0.002
10/2/2009			<0.002	0.0065	
4/13/2010		<0.002			
4/14/2010	<0.002		<0.002	<0.002	<0.002
10/7/2010		<0.002			
10/13/2010	<0.002				<0.002
10/14/2010			<0.002	<0.002	
4/5/2011			<0.002	<0.002	
4/6/2011	<0.002	<0.002			<0.002
10/4/2011					<0.002
10/6/2011		<0.002			
10/10/2011	<0.002				
10/12/2011			<0.002	<0.002	
4/3/2012	<0.002	<0.002			
4/4/2012			<0.002	<0.002	
4/10/2012					<0.002
9/19/2012		<0.002			
9/24/2012	<0.002			<0.002	
9/26/2012			<0.002		<0.002
3/12/2013	<0.002	<0.002	<0.002	<0.002	<0.002
9/9/2013		<0.002			
9/10/2013			<0.002	<0.002	<0.002
9/11/2013	<0.002				
3/4/2014	<0.002	<0.002			<0.002
3/11/2014			0.005	<0.002	
9/3/2014	<0.002	<0.002			<0.002
9/8/2014			0.0034 (J)	<0.002	
4/21/2015	<0.002		<0.002	<0.002	<0.002
4/22/2015		<0.002			
9/29/2015			0.0025 (J)	<0.002	<0.002
9/30/2015	<0.002	<0.002			
3/22/2016	<0.002	<0.002	<0.002	<0.002	<0.002
5/17/2016	<0.002	<0.002	0.00129 (J)	<0.002	<0.002
7/5/2016	<0.002	<0.002	0.001 (J)		
7/6/2016				<0.002	<0.002
9/7/2016	<0.002	<0.002	<0.002	<0.002	<0.002
10/18/2016	<0.002	<0.002	<0.002	<0.002	<0.002
12/6/2016	<0.002		<0.002	<0.002	<0.002

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

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/5/2026 12:06 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)
12/7/2016		<0.002			
1/31/2017	<0.002	<0.002			
2/1/2017			<0.002	<0.002	<0.002
3/23/2017	<0.002	<0.002	0.0006 (J)		
3/24/2017				0.0006 (J)	<0.002
10/4/2017	<0.002	<0.002	0.0011 (J)	<0.002	
10/5/2017					<0.002
3/14/2018	<0.002	<0.002			
3/15/2018			0.00066 (J)	0.0014 (J)	<0.002
10/4/2018	<0.002	<0.002	0.0008 (J)	<0.002	<0.002
4/5/2019			0.00035 (J)		
4/8/2019	<0.002	<0.002		0.00023 (J)	0.00012 (J)
9/30/2019	<0.002	<0.002	0.00058 (J)	<0.002	<0.002
3/26/2020	<0.002	<0.002	0.00048 (J)	0.00044 (J)	<0.002
9/21/2020		<0.002			
9/22/2020					<0.002
9/23/2020	<0.002		<0.002	<0.002	
3/8/2021	<0.002		<0.002	<0.002	<0.002
3/9/2021		<0.002			
8/9/2021	<0.002	<0.002	<0.002	<0.002	
8/10/2021					<0.002
2/4/2022	<0.002	<0.002	<0.002	<0.002	<0.002
8/8/2022	<0.002	<0.002	<0.002	<0.002	<0.002
1/30/2023	<0.002	<0.002	<0.002	<0.002	<0.002
8/14/2023	<0.002	<0.002	<0.002	<0.002	<0.002
2/19/2024	<0.002	<0.002	0.00093 (J)	0.0018 (J)	<0.002
8/10/2024		<0.002			
8/11/2024	<0.002		<0.002	<0.002	0.001 (J)
2/11/2025	<0.002	<0.002	<0.002	<0.002	<0.002
8/9/2025	<0.002	<0.002	<0.002	<0.002	<0.002
2/7/2026				0.00046 (J)	
2/8/2026	<0.002	<0.002	<0.002		<0.002

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

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/5/2026 12:06 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/7/2007	<0.002	<0.002			<0.002
5/8/2007	<0.002				<0.002
5/9/2007		<0.002	0.038 (O)	<0.005	
7/6/2007	<0.002		<0.005	<0.005	<0.002
7/17/2007		<0.002			
8/28/2007	<0.002	<0.002	<0.005	<0.005	<0.002
11/6/2007	<0.002	<0.002	<0.005	<0.005	<0.002
3/31/2008			<0.005	<0.005	
5/8/2008	<0.002	<0.002	<0.005	<0.005	<0.002
12/2/2008			<0.005	<0.005	<0.002
12/3/2008	<0.002	<0.002			
4/7/2009	<0.002	<0.002			
4/8/2009			<0.005	<0.005	<0.002
9/30/2009				<0.005	<0.002
10/1/2009	<0.002	<0.002	<0.005		
4/13/2010		<0.002	<0.005	<0.005	<0.002
4/14/2010	<0.002				
10/6/2010		<0.002			
10/7/2010			<0.005		
10/13/2010				<0.005	<0.002
10/14/2010	<0.002				
4/5/2011	<0.002	<0.002	<0.005	<0.005	<0.002
10/4/2011		<0.002	<0.005	<0.005	<0.002
10/12/2011	<0.002				
4/3/2012		<0.002	<0.005	<0.005	
4/4/2012	<0.002				<0.002
9/18/2012		<0.002	<0.005		
9/19/2012				<0.005	<0.002
9/24/2012	<0.002				
3/12/2013	<0.002	<0.002	<0.005	<0.005	<0.002
9/9/2013		<0.002			
9/10/2013	<0.002		0.0053	<0.005	<0.002
3/5/2014	0.0017 (J)	<0.002	0.0052	0.0022 (J)	<0.002
9/3/2014					<0.002
9/8/2014		<0.002	0.0058		
9/9/2014	<0.002			<0.005	
4/21/2015	<0.002		0.0088		<0.002
4/22/2015		<0.002		<0.005	
9/29/2015	<0.002	<0.002	0.0086	<0.005	<0.002
3/23/2016	<0.002	<0.002	0.00693	<0.005	<0.002
5/17/2016	<0.002	<0.002			
5/18/2016			0.00451 (J)	<0.005	<0.002
7/6/2016	<0.002	<0.002	0.0063	<0.005	<0.002
9/7/2016	<0.002	<0.002	0.0065		
9/8/2016				<0.005	<0.002
10/18/2016	<0.002	<0.002	0.0056	<0.005	
10/19/2016					<0.002
12/8/2016	<0.002	<0.002	0.0065	<0.005	<0.002
2/1/2017	<0.002	<0.002			
2/2/2017			0.002 (J)	<0.005	<0.002
3/23/2017	<0.002	<0.002			
3/24/2017			0.0027 (J)	0.0005 (J)	

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

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/5/2026 12:06 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/27/2017					<0.002
10/4/2017	0.0006 (J)	<0.002	0.0056		
10/5/2017				0.0008 (J)	<0.002
3/14/2018				0.00064 (J)	
3/15/2018			0.0037 (J)		<0.002
3/16/2018	<0.002	<0.002			
10/4/2018	<0.002	<0.002	0.0049 (J)	<0.005	
10/5/2018					<0.002
4/8/2019		<0.002	0.0057	0.0015 (J)	<0.002
4/9/2019	<0.002				
10/1/2019	<0.002	<0.002	0.01	0.0028 (J)	0.00071 (J)
11/6/2019			0.011		
3/27/2020				0.002 (J)	<0.002
3/30/2020			0.0052		
3/31/2020	<0.002	<0.002			
9/24/2020			0.0064	0.0043 (J)	<0.002
9/25/2020	<0.002	<0.002			
3/9/2021	<0.002	<0.002	0.0052	0.0018 (J)	<0.002
8/10/2021	<0.002	<0.002	0.0072	0.005	<0.002
2/4/2022	<0.002	<0.002	0.0042 (J)	0.0015 (J)	<0.002
8/8/2022		<0.002			
8/9/2022	<0.002			<0.005	<0.002
8/10/2022			0.0093		
1/31/2023	<0.002	<0.002	0.0028 (J)	<0.005	<0.002
8/14/2023		<0.002			
8/15/2023	<0.002		0.0077 (J)	<0.005	<0.002
2/20/2024	<0.002				<0.002
2/21/2024		<0.002	0.0043 (J)	<0.005	
8/11/2024			0.0085	<0.005	<0.002
8/12/2024	<0.002	<0.002			
2/11/2025	<0.002				<0.002
2/12/2025		<0.002	0.0063	<0.005	
8/9/2025			0.0084	0.0028	<0.002
8/10/2025	<0.002	<0.002			
2/8/2026	<0.002				
2/9/2026		<0.002	0.0051	0.0014 (J)	<0.002

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

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/5/2026 12:06 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21
3/6/2007			<0.002		<0.002
3/7/2007	<0.002	<0.002		<0.002	
5/8/2007	<0.002				
5/9/2007		<0.002	<0.002	<0.002	<0.002
7/17/2007	<0.002	<0.002	<0.002	<0.002	<0.002
8/28/2007	<0.002	<0.002	<0.002		
8/29/2007				<0.002	<0.002
11/7/2007	<0.002	<0.002	<0.002	<0.002	<0.002
3/31/2008					<0.002
5/7/2008		<0.002	<0.002	<0.002	<0.002
5/9/2008	<0.002				
12/2/2008	<0.002				
12/3/2008		<0.002			
12/4/2008			<0.002		
12/5/2008				<0.002	<0.002
4/8/2009	<0.002				
4/14/2009		<0.002	<0.002	<0.002	
4/27/2009					<0.002
9/30/2009				<0.002	<0.002
10/1/2009	<0.002	<0.002			
10/2/2009			<0.002		
4/13/2010		<0.002	<0.002	<0.002	<0.002
4/14/2010	<0.002				
10/12/2010		<0.002	<0.002	<0.002	<0.002
10/13/2010	<0.002				
4/6/2011	<0.002	<0.002	<0.002		
10/4/2011	<0.002				
10/5/2011					<0.002
10/12/2011		<0.002	<0.002	<0.002	
4/5/2012		<0.002	<0.002		
4/9/2012				<0.002	
4/10/2012	<0.002				<0.002
9/19/2012		<0.002			
9/25/2012			<0.002	<0.002	
9/26/2012	<0.002				<0.002
3/12/2013	<0.002				
3/13/2013		<0.002	<0.002	<0.002	<0.002
9/10/2013	<0.002	<0.002			
9/11/2013			<0.002	<0.002	<0.002
3/4/2014	<0.002				
3/10/2014		<0.002	<0.002	<0.002	
3/11/2014					<0.002
9/3/2014	<0.002	<0.002			
9/9/2014			<0.002	<0.002	<0.002
4/21/2015	<0.002				
4/22/2015		<0.002	<0.002		
4/23/2015				<0.002	
9/30/2015	<0.002	<0.002	<0.002	<0.002	0.0023 (J)
3/23/2016	<0.002			<0.002	
3/24/2016		<0.002	<0.002		<0.002
5/17/2016	<0.002				
5/18/2016		<0.002	<0.002	<0.002	<0.002

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

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/5/2026 12:06 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21
7/6/2016	<0.002		<0.002		
7/7/2016		<0.002		<0.002	0.0012 (J)
9/7/2016	<0.002				
9/8/2016		<0.002	<0.002	<0.002	<0.002
10/18/2016	<0.002		<0.002		
10/19/2016		<0.002		<0.002	<0.002
12/6/2016	<0.002				
12/7/2016			<0.002	<0.002	<0.002
12/8/2016		<0.002			
2/2/2017	<0.002	<0.002	<0.002		<0.002
2/3/2017				<0.002	
3/27/2017	<0.002	0.0005 (J)	<0.002	<0.002	<0.002
10/5/2017	<0.002	<0.002	<0.002	<0.002	0.001 (J)
3/15/2018	<0.002		<0.002		<0.002
3/16/2018		<0.002		<0.002	
10/4/2018	<0.002		<0.002		0.0034 (J)
10/5/2018		<0.002		<0.002	
4/9/2019	<0.002	0.00063 (J)	<0.002	<0.002	0.0018 (J)
10/1/2019	<0.002	<0.002	<0.002	<0.002	<0.002
3/27/2020	<0.002				
3/30/2020		0.00073 (J)			
3/31/2020			<0.002	<0.002	0.00035 (J)
9/23/2020				<0.002	
9/24/2020		<0.002			0.0011 (J)
9/25/2020	<0.002				
9/28/2020			<0.002		
3/9/2021	<0.002	<0.002			<0.002
3/10/2021			<0.002	<0.002	
8/10/2021	<0.002	<0.002	<0.002	<0.002	<0.002
2/4/2022	<0.002	<0.002			
2/7/2022			<0.002	<0.002	<0.002
8/9/2022	<0.002	<0.002	<0.002	<0.002	<0.002
1/30/2023	<0.002				
1/31/2023		<0.002	<0.002	<0.002	<0.002
8/14/2023	<0.002				
8/15/2023		<0.002	<0.002	<0.002	<0.002
2/19/2024	<0.002				
2/20/2024		<0.002	<0.002	<0.002	<0.002
8/11/2024	<0.002			<0.002	<0.002
8/12/2024		<0.002	<0.002		
2/11/2025	<0.002		<0.002	<0.002	<0.002
2/12/2025		<0.002			
8/9/2025	<0.002				0.0014 (J)
8/10/2025		<0.002	<0.002	<0.002	
2/8/2026	<0.002		<0.002		
2/9/2026				<0.002	<0.002
2/10/2026		<0.002			

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

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/5/2026 12:06 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-22	GWC-23
3/6/2007	<0.002	<0.002
5/9/2007	<0.002	<0.002
7/17/2007	<0.002	<0.002
8/29/2007	<0.002	<0.002
11/7/2007	<0.002	<0.002
3/31/2008		<0.002
5/7/2008	<0.002	<0.002
12/5/2008	<0.002	<0.002
4/14/2009	<0.002	<0.002
9/30/2009	<0.002	
10/1/2009		<0.002
4/13/2010	<0.002	
4/14/2010		<0.002
10/12/2010	<0.002	
10/13/2010		<0.002
4/6/2011	<0.002	<0.002
10/5/2011	<0.002	
10/12/2011		<0.002
4/9/2012	<0.002	<0.002
9/19/2012		<0.002
9/25/2012	<0.002	
3/13/2013	<0.002	<0.002
9/10/2013		<0.002
9/11/2013	<0.002	
3/11/2014	<0.002	<0.002
9/3/2014		<0.002
9/9/2014	<0.002	
4/23/2015	<0.002	<0.002
9/30/2015	<0.002	<0.002
3/23/2016	<0.002	<0.002
5/18/2016	<0.002	
5/19/2016		<0.002
7/7/2016	<0.002	<0.002
9/8/2016	<0.002	<0.002
10/19/2016	<0.002	<0.002
12/7/2016	<0.002	<0.002
2/2/2017	<0.002	
2/3/2017		<0.002
3/27/2017	<0.002	<0.002
10/5/2017	<0.002	<0.002
3/15/2018	<0.002	<0.002
10/4/2018	<0.002	
10/5/2018		<0.002
4/8/2019		0.00034 (J)
4/9/2019	<0.002	
10/1/2019	<0.002	0.00082 (J)
3/26/2020		<0.002
3/31/2020	<0.002	
9/23/2020	<0.002	<0.002
3/9/2021	<0.002	<0.002
8/10/2021	<0.002	<0.002
2/7/2022	<0.002	<0.002

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

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/5/2026 12:06 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-22	GWC-23
8/8/2022		<0.002
8/9/2022	<0.002	
1/31/2023	<0.002	<0.002
8/14/2023		<0.002
8/15/2023	<0.002	
2/20/2024	<0.002	<0.002
8/11/2024	<0.002	
8/12/2024		<0.002
2/11/2025	<0.002	
2/12/2025		<0.002
8/9/2025	<0.002	
8/10/2025		<0.002
2/9/2026	<0.002	<0.002

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

Time Series

Constituent: Barium (mg/L) Analysis Run 6/5/2026 12:06 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)
3/6/2007	0.032	0.12	0.17	0.13	
3/7/2007					0.03
5/8/2007	0.04	0.11	0.21	0.12	0.032
7/7/2007	0.041	0.11			
7/17/2007			0.21	0.12	0.028
8/28/2007	0.044	0.13	0.2	0.13	0.03
11/6/2007	0.044	0.12	0.19	0.12	
11/7/2007					0.032
5/8/2008			0.2	0.13	
5/9/2008	0.03	0.12			0.032
12/2/2008					0.036
12/3/2008	0.047	0.12	0.18	0.14	
4/7/2009	0.032	0.13	0.2	0.097	
4/8/2009					0.04
10/1/2009	0.043	0.14			0.039
10/2/2009			0.2	0.11	
4/13/2010		0.15			
4/14/2010	0.032		0.2	0.059	0.041
10/7/2010		0.16			
10/13/2010	0.046				0.039
10/14/2010			0.18	0.053	
4/5/2011			0.16	0.042	
4/6/2011	0.034	0.14			0.034
10/4/2011					0.032
10/6/2011		0.16			
10/10/2011	0.038				
10/12/2011			0.15	0.048	
4/3/2012	0.0363	0.165			
4/4/2012			0.165	0.044	
4/10/2012					0.0425
9/19/2012		0.16			
9/24/2012	0.041			0.048	
9/26/2012			0.17		0.035
3/12/2013	0.041	0.16	0.17	0.043	0.035
9/9/2013		0.17			
9/10/2013			0.18	0.042	0.035
9/11/2013	0.048				
3/4/2014	0.036	0.16			0.031
3/11/2014			0.17	0.04	
9/3/2014	0.04	0.17			0.033
9/8/2014			0.16	0.042	
4/21/2015	0.033		0.16	0.05	0.03
4/22/2015		0.17			
9/29/2015			0.14	0.044	0.031
9/30/2015	0.042	0.15			
3/22/2016	0.0326	0.197	0.188	0.0397	0.0327
5/17/2016	0.0387	0.178	0.193	0.0351	0.0323
7/5/2016	0.0403	0.182	0.172		
7/6/2016				0.0475	0.0344
9/7/2016	0.0413	0.172	0.164	0.0415	0.0324
10/18/2016	0.0409	0.174	0.138	0.0424	0.0311
12/6/2016	0.0408		0.149	0.0528	0.0311

Time Series

Constituent: Barium (mg/L) Analysis Run 6/5/2026 12:06 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)
12/7/2016		0.167			
1/31/2017	0.0435	0.176			
2/1/2017			0.121	0.0482	0.0332
3/23/2017	0.038	0.157	0.143		
3/24/2017				0.0595	0.032
10/4/2017	0.0396	0.143	0.139	0.0486	
10/5/2017					0.0325
3/14/2018	0.039	0.17			
3/15/2018			0.17	0.04	0.031
10/4/2018	0.039	0.18	0.16	0.05	0.033
4/5/2019			0.13		
4/8/2019	0.031	0.15		0.047	0.031
9/30/2019	0.042	0.17	0.14	0.051	0.03
3/26/2020	0.032	0.16	0.14	0.049	0.031
9/21/2020		0.18			
9/22/2020					0.031
9/23/2020	0.041		0.14	0.043	
3/8/2021	0.035		0.12	0.052	0.031
3/9/2021		0.17			
8/9/2021	0.046	0.19	0.12	0.034	
8/10/2021					0.03
2/4/2022	0.038	0.18	0.081	0.037	0.031
8/8/2022	0.04	0.18	0.1	0.04	0.029
1/30/2023	0.037	0.2	0.07	0.037	0.03
8/14/2023	0.039	0.19	0.087	0.045	0.028
2/19/2024	0.04	0.19	0.083	0.051	0.031
8/10/2024		0.18			
8/11/2024	0.038		0.084	0.04	0.031
2/11/2025	0.033	0.2	0.081	0.035	0.031
8/9/2025	0.035	0.2	0.08	0.051	0.03
2/7/2026				0.057	
2/8/2026	0.04	0.21	0.075		0.032

Time Series

Constituent: Barium (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/7/2007	0.1	0.057			0.059
5/8/2007	0.11				0.055
5/9/2007		0.054	0.011	0.13	
7/6/2007	0.11		0.0065	0.12	0.052
7/17/2007		0.059			
8/28/2007	0.1	0.061	0.0095	0.11	0.047
11/6/2007	0.1	0.074	0.013	0.1	0.048
3/31/2008			0.0098	0.23	
5/8/2008	0.11	0.079	0.011	0.1	0.052
12/2/2008			0.011	0.11	0.056
12/3/2008	0.091	0.1			
4/7/2009	0.094	0.091			
4/8/2009			0.0091	0.1	0.057
9/30/2009				0.099	0.055
10/1/2009	0.097	0.092	0.0098		
4/13/2010		0.095	0.0084	0.098	0.053
4/14/2010	0.096				
10/6/2010		0.11			
10/7/2010			0.01		
10/13/2010				0.092	0.054
10/14/2010	0.1				
4/5/2011	0.092	0.1	0.015	0.085	0.035 (O)
10/4/2011		0.11	0.01	0.091	0.058
10/12/2011	0.12				
4/3/2012		0.116	0.0426	0.101	
4/4/2012	0.105				0.0632
9/18/2012		0.12	0.02		
9/19/2012				0.1	0.061
9/24/2012	0.13				
3/12/2013	0.1	0.11	0.35	0.098	0.056
9/9/2013		0.13			
9/10/2013	0.13		0.11	0.11	0.067
3/5/2014	0.084	0.12	0.054	0.087	0.055
9/3/2014					0.051
9/8/2014		0.13	0.044		
9/9/2014	0.11			0.1	
4/21/2015	0.11		0.065		0.059
4/22/2015		0.14		0.095	
9/29/2015	0.097	0.14	0.036	0.093	0.06
3/23/2016	0.0993	0.156	0.263	0.0918	0.0636
5/17/2016	0.104	0.168			
5/18/2016			0.245	0.0957	0.0629
7/6/2016	0.104	0.171	0.117	0.0935	0.0646
9/7/2016	0.0945	0.154	0.0703		
9/8/2016				0.0925	0.063
10/18/2016	0.0928	0.159	0.068	0.0939	
10/19/2016					0.0644
12/8/2016	0.1	0.156	0.0791	0.0996	0.0648
2/1/2017	0.0972	0.163			
2/2/2017			0.17	0.096	0.0656
3/23/2017	0.105	0.161			
3/24/2017			0.181	0.106	

Time Series

Constituent: Barium (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/27/2017					0.0619
10/4/2017	0.102	0.171	0.0937		
10/5/2017				0.103	0.0655
3/14/2018				0.1	
3/15/2018			0.15		0.062
3/16/2018	0.091	0.17			
10/4/2018	0.084	0.19	0.08	0.11	
10/5/2018					0.07
4/8/2019		0.15	0.24	0.13	0.058
4/9/2019	0.067				
6/18/2019				0.17	
6/27/2019				0.14	
10/1/2019	0.09	0.18	0.085	0.12	0.071
3/27/2020				0.14	0.06
3/30/2020			0.21		
3/31/2020	0.064	0.18			
9/24/2020			0.11	0.14	0.06
9/25/2020	0.074	0.16			
3/9/2021	0.063	0.17	0.31	0.14	0.059
8/10/2021	0.077	0.18	0.14	0.23	0.067
9/28/2021				0.2	
2/4/2022	0.061	0.16	0.35	0.17	0.067
8/8/2022		0.15			
8/9/2022	0.074			0.16	0.068
8/10/2022			0.098		
1/31/2023	0.064	0.15	0.047	0.12	0.064
8/14/2023		0.15			
8/15/2023	0.072		0.041	0.12	0.064
2/20/2024	0.07				0.073
2/21/2024		0.15	0.035	0.11	
8/11/2024			0.045	0.12	0.068
8/12/2024	0.073	0.14			
2/11/2025	0.073				0.071
2/12/2025		0.14	0.04	0.14	
8/9/2025			0.037	0.17	0.063
8/10/2025	0.072	0.13			
2/8/2026	0.068				
2/9/2026		0.14	0.038	0.13	0.071

Time Series

Constituent: Barium (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21
3/6/2007			0.088		0.038
3/7/2007	0.15	0.072		0.11	
5/8/2007	0.14				
5/9/2007		0.063	0.07	0.082	0.046
7/17/2007	0.1	0.058	0.063	0.078	0.06
8/28/2007	0.1	0.06	0.066		
8/29/2007				0.096	0.07
11/7/2007	0.11	0.072	0.07	0.1	0.055
3/31/2008					0.043
5/7/2008		0.076	0.071	0.11	0.032
5/9/2008	0.15				
12/2/2008	0.11				
12/3/2008		0.066			
12/4/2008			0.068		
12/5/2008				0.11	0.06
4/8/2009	0.16				
4/14/2009		0.08	0.076	0.11	
4/27/2009					0.032
9/30/2009				0.12	0.046
10/1/2009	0.11	0.074			
10/2/2009			0.07		
4/13/2010		0.062	0.085	0.11	0.035
4/14/2010	0.15				
10/12/2010		0.078	0.075	0.12	0.15
10/13/2010	0.1				
4/6/2011	0.13	0.066	0.077		
10/4/2011	0.089				
10/5/2011					0.055
10/12/2011		0.071	0.12	0.11	
4/5/2012		0.0675	0.143		
4/9/2012				0.13	
4/10/2012	0.126				0.0399
9/19/2012		0.073			
9/25/2012			0.13	0.13	
9/26/2012	0.093				0.093
3/12/2013	0.13				
3/13/2013		0.075	0.14	0.12	0.066
9/10/2013	0.14	0.081			
9/11/2013			0.15	0.12	0.053
3/4/2014	0.11				
3/10/2014		0.064	0.13	0.11	
3/11/2014					0.039
9/3/2014	0.1	0.078			
9/9/2014			0.16	0.11	0.14
4/21/2015	0.14				
4/22/2015		0.067	0.15		
4/23/2015				0.11	
9/30/2015	0.096	0.075	0.15	0.11	0.15
3/23/2016	0.132			0.115	
3/24/2016		0.0818	0.152		0.046
5/17/2016	0.122				
5/18/2016		0.0763	0.146	0.128	0.0557

Time Series

Constituent: Barium (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21
7/6/2016	0.101		0.152		
7/7/2016		0.0747		0.124	0.0596
9/7/2016	0.0985				
9/8/2016		0.081	0.142	0.121	0.184
10/18/2016	0.104		0.145		
10/19/2016		0.084		0.117	0.186
12/6/2016	0.1				
12/7/2016			0.133	0.11	0.174
12/8/2016		0.0799			
2/2/2017	0.147	0.0813	0.14		0.0783
2/3/2017				0.123	
3/27/2017	0.158	0.0714	0.152	0.112	0.0363
10/5/2017	0.106	0.0755	0.142	0.128	0.0562
3/15/2018	0.18		0.14		0.086
3/16/2018		0.074		0.12	
5/15/2018	0.16				
10/4/2018	0.2		0.16		0.079
10/5/2018		0.081		0.12	
12/11/2018	0.18				
1/11/2019	0.17				
4/9/2019	0.17	0.081	0.15	0.13	0.05
10/1/2019	0.12	0.082	0.15	0.14	0.18
3/27/2020	0.037				
3/30/2020		0.077			
3/31/2020			0.17	0.15	0.044
6/19/2020				0.14	
9/23/2020				0.13	
9/24/2020		0.079			0.19
9/25/2020	0.11				
9/28/2020			0.15		
3/9/2021	0.15	0.077			0.12
3/10/2021			0.15	0.13	
8/10/2021	0.14	0.093	0.14	0.14	0.057
2/4/2022	0.16	0.08			
2/7/2022			0.14	0.14	0.063
8/9/2022	0.12	0.08	0.14	0.15	0.056
1/30/2023	0.17				
1/31/2023		0.077	0.15	0.14	0.033
8/14/2023	0.12				
8/15/2023		0.077	0.15	0.16	0.058
2/19/2024	0.14				
2/20/2024		0.083	0.15	0.15	0.052
8/11/2024	0.11			0.16	0.098
8/12/2024		0.076	0.14		
2/11/2025	0.14		0.15	0.14	0.054
2/12/2025		0.082			
8/9/2025	0.12				0.06
8/10/2025		0.079	0.15	0.15	
2/8/2026	0.15		0.16		
2/9/2026				0.15	0.063
2/10/2026		0.087			

Time Series

Constituent: Barium (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-22	GWC-23
3/6/2007	0.023	0.05
5/9/2007	0.034	0.055
7/17/2007	0.034	0.048
8/29/2007	0.048	0.056
11/7/2007	0.042	0.07
3/31/2008		0.048
5/7/2008	0.078	0.063
12/5/2008	0.067	0.068
4/14/2009	0.083	0.062
9/30/2009	0.086	
10/1/2009		0.064
4/13/2010	0.087	
4/14/2010		0.048
10/12/2010	0.082	
10/13/2010		0.071
4/6/2011	0.082	0.042
10/5/2011	0.082	
10/12/2011		0.066
4/9/2012	0.0959	0.0628
9/19/2012		0.073
9/25/2012	0.09	
3/13/2013	0.092	0.057
9/10/2013		0.066
9/11/2013	0.096	
3/11/2014	0.085	0.054
9/3/2014		0.06
9/9/2014	0.096	
4/23/2015	0.093	0.06
9/30/2015	0.096	0.076
3/23/2016	0.0938	0.0533
5/18/2016	0.0983	
5/19/2016		0.074
7/7/2016	0.121	0.0766
9/8/2016	0.0917	0.0726
10/19/2016	0.091	0.072
12/7/2016	0.0868	0.0732
2/2/2017	0.0939	
2/3/2017		0.0619
3/27/2017	0.0905	0.0602
10/5/2017	0.0945	0.0734
3/15/2018	0.096	0.053
10/4/2018	0.1	
10/5/2018		0.065
4/8/2019		0.059
4/9/2019	0.094	
10/1/2019	0.1	0.082
3/26/2020		0.071
3/31/2020	0.1	
9/23/2020	0.1	0.079
3/9/2021	0.089	0.085
8/10/2021	0.091	0.085
2/7/2022	0.092	0.091

Time Series

Constituent: Barium (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-22	GWC-23
8/8/2022		0.078
8/9/2022	0.098	
1/31/2023	0.09	0.11
8/14/2023		0.071
8/15/2023	0.092	
2/20/2024	0.091	0.096
8/11/2024	0.1	
8/12/2024		0.075
2/11/2025	0.091	
2/12/2025		0.068
8/9/2025	0.09	
8/10/2025		0.063
2/9/2026	0.092	0.065

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)
3/6/2007	<0.0004	<0.0004	<0.0004	<0.0004	
3/7/2007					<0.0004
5/8/2007	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
7/7/2007	<0.0004	<0.0004			
7/17/2007			<0.0004	<0.0004	<0.0004
8/28/2007	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
11/6/2007	<0.0004	<0.0004	<0.0004	<0.0004	
11/7/2007					<0.0004
5/8/2008			<0.0004	<0.0004	
5/9/2008	<0.0004	<0.0004			<0.0004
12/2/2008					<0.0004
12/3/2008	<0.0004	<0.0004	<0.0004	<0.0004	
4/7/2009	<0.0004	<0.0004	<0.0004	<0.0004	
4/8/2009					<0.0004
10/1/2009	<0.0004	<0.0004			<0.0004
10/2/2009			<0.0004	<0.0004	
4/13/2010		<0.0004			
4/14/2010	<0.0004		<0.0004	<0.0004	<0.0004
10/7/2010		<0.0004			
10/13/2010	<0.0004				<0.0004
10/14/2010			<0.0004	<0.0004	
4/5/2011			<0.0004	<0.0004	
4/6/2011	<0.0004	<0.0004			<0.0004
10/4/2011					<0.0004
10/6/2011		<0.0004			
10/10/2011	<0.0004				
10/12/2011			<0.0004	<0.0004	
4/3/2012	<0.0004	<0.0004			
4/4/2012			<0.0004	<0.0004	
4/10/2012					<0.0004
9/19/2012		<0.0004			
9/24/2012	<0.0004			<0.0004	
9/26/2012			<0.0004		<0.0004
3/12/2013	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
9/9/2013		<0.0004			
9/10/2013			<0.0004	<0.0004	<0.0004
9/11/2013	<0.0004				
3/4/2014	<0.0004	<0.0004			<0.0004
3/11/2014			<0.0004	<0.0004	
9/3/2014	<0.0004	<0.0004			<0.0004
9/8/2014			<0.0004	<0.0004	
4/21/2015	<0.0004		8E-05 (J)	<0.0004	<0.0004
4/22/2015		<0.0004			
9/29/2015			<0.0004	<0.0004	<0.0004
9/30/2015	<0.0004	<0.0004			
3/22/2016	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
5/17/2016	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
7/5/2016	<0.0004	<0.0004	<0.0004		
7/6/2016				<0.0004	<0.0004
9/7/2016	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
10/18/2016	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
12/6/2016	<0.0004		<0.0004	<0.0004	<0.0004

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

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)
12/7/2016		<0.0004			
1/31/2017	<0.0004	<0.0004			
2/1/2017			<0.0004	<0.0004	<0.0004
3/23/2017	<0.0004	<0.0004	<0.0004		
3/24/2017				<0.0004	<0.0004
10/4/2017	<0.0004	<0.0004	<0.0004	<0.0004	
10/5/2017					<0.0004
3/14/2018	<0.0004	<0.0004			
3/15/2018			<0.0004	<0.0004	<0.0004
10/4/2018	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
4/5/2019			<0.0004		
4/8/2019	<0.0004	<0.0004		<0.0004	<0.0004
9/30/2019	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
3/26/2020	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
9/21/2020		<0.0004			
9/22/2020					<0.0004
9/23/2020	<0.0004		<0.0004	<0.0004	
3/8/2021	<0.0004		<0.0004	<0.0004	<0.0004
3/9/2021		<0.0004			
8/9/2021	<0.0004	<0.0004	<0.0004	<0.0004	
8/10/2021					<0.0004
2/4/2022	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
8/8/2022	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
1/30/2023	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
8/14/2023	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
2/19/2024	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
8/10/2024		<0.0004			
8/11/2024	<0.0004		<0.0004	<0.0004	<0.0004
2/11/2025	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
8/9/2025	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
2/7/2026				<0.0004	
2/8/2026	<0.0004	<0.0004	<0.0004		<0.0004

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

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/7/2007	<0.0004	<0.0004			<0.0004
5/8/2007	<0.0004				<0.0004
5/9/2007		<0.0004	0.28 (O)	<0.0004	
7/6/2007	<0.0004		0.093 (O)	<0.0004	<0.0004
7/17/2007		<0.0004			
8/28/2007	<0.0004	<0.0004	0.057 (O)	<0.0004	<0.0004
11/6/2007	<0.0004	<0.0004	0.036 (O)	<0.0004	<0.0004
3/31/2008			0.019	<0.0004	
5/8/2008	<0.0004	<0.0004	0.013	<0.0004	<0.0004
12/2/2008			0.01	<0.0004	<0.0004
12/3/2008	<0.0004	<0.0004			
4/7/2009	<0.0004	<0.0004			
4/8/2009			0.0076	<0.0004	<0.0004
9/30/2009				<0.0004	<0.0004
10/1/2009	<0.0004	<0.0004	0.0057		
4/13/2010		<0.0004	0.0061	<0.0004	<0.0004
4/14/2010	<0.0004				
10/6/2010		<0.0004			
10/7/2010			0.0039		
10/13/2010				<0.0004	<0.0004
10/14/2010	<0.0004				
4/5/2011	<0.0004	<0.0004	0.0025	<0.0004	<0.0004
10/4/2011		<0.0004	0.0024	<0.0004	<0.0004
10/12/2011	<0.0004				
4/3/2012		<0.0004	0.0008	<0.0004	
4/4/2012	<0.0004				<0.0004
9/18/2012		<0.0004	0.002		
9/19/2012				<0.0004	<0.0004
9/24/2012	<0.0004				
3/12/2013	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
9/9/2013		<0.0004			
9/10/2013	<0.0004		<0.0004	<0.0004	<0.0004
3/5/2014	<0.0004	<0.0004	0.00037 (J)	<0.0004	<0.0004
9/3/2014					<0.0004
9/8/2014		<0.0004	0.00055 (J)		
9/9/2014	<0.0004			<0.0004	
4/21/2015	<0.0004		0.00033 (J)		<0.0004
4/22/2015		<0.0004		<0.0004	
9/29/2015	<0.0004	<0.0004	0.00046 (J)	<0.0004	<0.0004
3/23/2016	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
5/17/2016	<0.0004	<0.0004			
5/18/2016			<0.0004	<0.0004	<0.0004
7/6/2016	<0.0004	<0.0004	0.0002 (J)	<0.0004	<0.0004
9/7/2016	<0.0004	<0.0004	0.0002 (J)		
9/8/2016				<0.0004	<0.0004
10/18/2016	<0.0004	<0.0004	0.0002 (J)	<0.0004	
10/19/2016					<0.0004
12/8/2016	<0.0004	<0.0004	0.0003 (J)	<0.0004	<0.0004
2/1/2017	<0.0004	<0.0004			
2/2/2017			<0.0004	<0.0004	<0.0004
3/23/2017	<0.0004	<0.0004			
3/24/2017			<0.0004	<0.0004	

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

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/27/2017					<0.0004
10/4/2017	<0.0004	<0.0004	0.0001 (J)		
10/5/2017				<0.0004	<0.0004
3/14/2018				<0.0004	
3/15/2018			<0.0004		<0.0004
3/16/2018	<0.0004	<0.0004			
10/4/2018	<0.0004	<0.0004	0.0002 (J)	<0.0004	
10/5/2018					<0.0004
4/8/2019		<0.0004	5.8E-05 (J)	<0.0004	<0.0004
4/9/2019	<0.0004				
10/1/2019	<0.0004	<0.0004	0.0001 (J)	<0.0004	<0.0004
3/27/2020				<0.0004	<0.0004
3/30/2020			<0.0004		
3/31/2020	<0.0004	<0.0004			
9/24/2020			5E-05 (J)	<0.0004	<0.0004
9/25/2020	<0.0004	<0.0004			
3/9/2021	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
8/10/2021	<0.0004	<0.0004	6.1E-05 (J)	<0.0004	<0.0004
2/4/2022	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
8/8/2022		<0.0004			
8/9/2022	<0.0004			<0.0004	<0.0004
8/10/2022			7.6E-05 (J)		
1/31/2023	<0.0004	<0.0004	0.00021 (J)	<0.0004	<0.0004
8/14/2023		<0.0004			
8/15/2023	<0.0004		0.00027 (J)	<0.0004	<0.0004
2/20/2024	<0.0004				<0.0004
2/21/2024		<0.0004	0.00036 (J)	<0.0004	
8/11/2024			0.00013 (J)	<0.0004	<0.0004
8/12/2024	<0.0004	<0.0004			
2/11/2025	<0.0004				<0.0004
2/12/2025		<0.0004	0.00016 (J)	<0.0004	
8/9/2025			<0.0004	<0.0004	<0.0004
8/10/2025	<0.0004	<0.0004			
2/8/2026	<0.0004				
2/9/2026		<0.0004	0.00036 (J)	<0.0004	<0.0004

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

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21
3/6/2007			<0.0004		<0.0004
3/7/2007	<0.0004	<0.0004		<0.0004	
5/8/2007	<0.0004				
5/9/2007		<0.0004	<0.0004	<0.0004	<0.0004
7/17/2007	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
8/28/2007	<0.0004	<0.0004	<0.0004		
8/29/2007				<0.0004	<0.0004
11/7/2007	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
3/31/2008					<0.0004
5/7/2008		<0.0004	<0.0004	<0.0004	<0.0004
5/9/2008	<0.0004				
12/2/2008	<0.0004				
12/3/2008		<0.0004			
12/4/2008			<0.0004		
12/5/2008				<0.0004	<0.0004
4/8/2009	<0.0004				
4/14/2009		<0.0004	<0.0004	<0.0004	
4/27/2009					<0.0004
9/30/2009				<0.0004	<0.0004
10/1/2009	<0.0004	<0.0004			
10/2/2009			<0.0004		
4/13/2010		<0.0004	<0.0004	<0.0004	<0.0004
4/14/2010	<0.0004				
10/12/2010		<0.0004	<0.0004	<0.0004	<0.0004
10/13/2010	<0.0004				
4/6/2011	<0.0004	<0.0004	<0.0004		
10/4/2011	<0.0004				
10/5/2011					<0.0004
10/12/2011		<0.0004	<0.0004	<0.0004	
4/5/2012		<0.0004	<0.0004		
4/9/2012				<0.0004	
4/10/2012	<0.0004				<0.0004
9/19/2012		<0.0004			
9/25/2012			<0.0004	<0.0004	
9/26/2012	<0.0004				<0.0004
3/12/2013	<0.0004				
3/13/2013		<0.0004	<0.0004	<0.0004	<0.0004
9/10/2013	<0.0004	<0.0004			
9/11/2013			<0.0004	<0.0004	<0.0004
3/4/2014	<0.0004				
3/10/2014		<0.0004	<0.0004	<0.0004	
3/11/2014					<0.0004
9/3/2014	<0.0004	<0.0004			
9/9/2014			<0.0004	<0.0004	<0.0004
4/21/2015	<0.0004				
4/22/2015		<0.0004	<0.0004		
4/23/2015				<0.0004	
9/30/2015	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
3/23/2016	<0.0004			<0.0004	
3/24/2016		<0.0004	<0.0004		<0.0004
5/17/2016	<0.0004				
5/18/2016		<0.0004	<0.0004	<0.0004	<0.0004

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

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21
7/6/2016	<0.0004		<0.0004		
7/7/2016		<0.0004		<0.0004	<0.0004
9/7/2016	<0.0004				
9/8/2016		<0.0004	<0.0004	<0.0004	<0.0004
10/18/2016	<0.0004		<0.0004		
10/19/2016		<0.0004		<0.0004	<0.0004
12/6/2016	<0.0004				
12/7/2016			<0.0004	<0.0004	<0.0004
12/8/2016		<0.0004			
2/2/2017	<0.0004	<0.0004	<0.0004		<0.0004
2/3/2017				<0.0004	
3/27/2017	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
10/5/2017	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
3/15/2018	<0.0004		<0.0004		<0.0004
3/16/2018		<0.0004		<0.0004	
10/4/2018	<0.0004		<0.0004		<0.0004
10/5/2018		<0.0004		<0.0004	
4/9/2019	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
10/1/2019	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
3/27/2020	<0.0004				
3/30/2020		<0.0004			
3/31/2020			<0.0004	<0.0004	<0.0004
9/23/2020				<0.0004	
9/24/2020		<0.0004			<0.0004
9/25/2020	<0.0004				
9/28/2020			0.0001 (J)		
3/9/2021	<0.0004	<0.0004			<0.0004
3/10/2021			<0.0004	<0.0004	
8/10/2021	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
2/4/2022	<0.0004	<0.0004			
2/7/2022			<0.0004	<0.0004	<0.0004
8/9/2022	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
1/30/2023	<0.0004				
1/31/2023		<0.0004	<0.0004	<0.0004	<0.0004
8/14/2023	<0.0004				
8/15/2023		<0.0004	<0.0004	<0.0004	<0.0004
2/19/2024	<0.0004				
2/20/2024		<0.0004	<0.0004	<0.0004	<0.0004
8/11/2024	<0.0004			<0.0004	<0.0004
8/12/2024		<0.0004	<0.0004		
2/11/2025	<0.0004		<0.0004	<0.0004	<0.0004
2/12/2025		<0.0004			
8/9/2025	<0.0004				<0.0004
8/10/2025		<0.0004	<0.0004	<0.0004	
2/8/2026	<0.0004		<0.0004		
2/9/2026				<0.0004	<0.0004
2/10/2026		<0.0004			

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

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-22	GWC-23
3/6/2007	<0.0004	<0.0004
5/9/2007	<0.0004	<0.0004
7/17/2007	<0.0004	<0.0004
8/29/2007	<0.0004	<0.0004
11/7/2007	<0.0004	<0.0004
3/31/2008		<0.0004
5/7/2008	<0.0004	<0.0004
12/5/2008	<0.0004	<0.0004
4/14/2009	<0.0004	<0.0004
9/30/2009	<0.0004	
10/1/2009		<0.0004
4/13/2010	<0.0004	
4/14/2010		<0.0004
10/12/2010	<0.0004	
10/13/2010		<0.0004
4/6/2011	<0.0004	<0.0004
10/5/2011	<0.0004	
10/12/2011		<0.0004
4/9/2012	<0.0004	<0.0004
9/19/2012		<0.0004
9/25/2012	<0.0004	
3/13/2013	<0.0004	<0.0004
9/10/2013		<0.0004
9/11/2013	<0.0004	
3/11/2014	<0.0004	<0.0004
9/3/2014		<0.0004
9/9/2014	<0.0004	
4/23/2015	<0.0004	<0.0004
9/30/2015	<0.0004	<0.0004
3/23/2016	<0.0004	<0.0004
5/18/2016	<0.0004	
5/19/2016		<0.0004
7/7/2016	<0.0004	<0.0004
9/8/2016	<0.0004	<0.0004
10/19/2016	<0.0004	<0.0004
12/7/2016	<0.0004	<0.0004
2/2/2017	<0.0004	
2/3/2017		<0.0004
3/27/2017	<0.0004	<0.0004
10/5/2017	<0.0004	<0.0004
3/15/2018	<0.0004	<0.0004
10/4/2018	<0.0004	
10/5/2018		<0.0004
4/8/2019		<0.0004
4/9/2019	<0.0004	
10/1/2019	<0.0004	<0.0004
3/26/2020		<0.0004
3/31/2020	<0.0004	
9/23/2020	<0.0004	<0.0004
3/9/2021	<0.0004	<0.0004
8/10/2021	<0.0004	<0.0004
2/7/2022	<0.0004	<0.0004

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

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-22	GWC-23
8/8/2022		<0.0004
8/9/2022	<0.0004	
1/31/2023	<0.0004	<0.0004
8/14/2023		<0.0004
8/15/2023	<0.0004	
2/20/2024	<0.0004	<0.0004
8/11/2024	<0.0004	
8/12/2024		<0.0004
2/11/2025	<0.0004	
2/12/2025		<0.0004
8/9/2025	<0.0004	
8/10/2025		<0.0004
2/9/2026	<0.0004	<0.0004

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

Time Series

Constituent: Boron (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)
3/22/2016	<0.04	0.0828 (J)	0.135	0.0815 (J)	0.04 (J)
5/17/2016	<0.04	0.0844 (J)	0.132	0.0838 (J)	0.0358 (J)
7/5/2016	0.0419 (J)	0.0962 (J)	0.161		
7/6/2016				0.111	0.0373 (J)
9/7/2016	0.0174 (J)	0.0884 (J)	0.163	0.107	0.0352 (J)
10/18/2016	0.0192 (J)	0.0889 (J)	0.154	0.118	0.0332 (J)
12/6/2016	0.0182 (J)		0.142	0.106	0.033 (J)
12/7/2016		0.0954			
1/31/2017	0.0193 (J)	0.0939			
2/1/2017			0.143	0.0949	0.0365 (J)
3/23/2017	0.0192 (J)	0.0869	0.15		
3/24/2017				0.0887	0.0343 (J)
10/4/2017	0.0199 (J)	0.0914	0.182	0.105	
10/5/2017					0.0325 (J)
3/14/2018	0.019 (J)	0.075			
3/15/2018			0.14	0.043	0.037 (J)
10/4/2018	0.021 (J)	0.082	0.16	0.1	0.035 (J)
4/5/2019			0.12		
4/8/2019	0.019 (J)	0.071 (J)		0.057 (J)	0.034 (J)
9/30/2019	0.025 (J)	0.084	0.17	0.11	0.039 (J)
3/26/2020	0.022 (J)	0.092 (J)	0.14	0.086 (J)	0.041 (J)
9/21/2020		0.086 (J)			
9/22/2020					0.038 (J)
9/23/2020	0.047 (J)		0.15	0.087 (J)	
3/8/2021	0.021 (J)		0.13	0.089	0.042
3/9/2021		0.081			
8/9/2021	0.021 (J)	0.085	0.14	0.073	
8/10/2021					0.034 (J)
2/4/2022	0.018 (J)	0.083	0.094	0.06	0.037 (J)
8/8/2022	0.026 (J)	0.087	0.15	0.077	0.035 (J)
1/30/2023	0.026 (J)	0.086	0.094	0.058	0.038 (J)
8/14/2023	0.049	0.097	0.15	0.082	0.038 (J)
2/19/2024	0.03 (J)	0.083	0.082	0.059	0.028 (J)
8/10/2024		0.072			
8/11/2024	<0.04		0.13	0.074	0.045
2/11/2025	0.019 (J)	0.094	0.11	0.044	0.039 (J)
8/9/2025	0.018 (J)	0.083	0.15	0.089	0.037 (J)
2/7/2026				0.081	
2/8/2026	0.019 (J)	0.088	0.1		0.036 (J)

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

Time Series

Constituent: Boron (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/23/2016	0.0509 (J)	0.0379 (J)	0.0574 (J)	0.0213 (J)	<0.04
5/17/2016	0.0565 (J)	0.0395 (J)			
5/18/2016			0.0686 (J)	0.028 (J)	0.0202 (J)
7/6/2016	0.0628 (J)	0.0393 (J)	0.0675 (J)	0.0231 (J)	0.0171 (J)
9/7/2016	0.0648 (J)	0.04 (J)	0.0582 (J)		
9/8/2016				0.0234 (J)	0.0157 (J)
10/18/2016	0.0666 (J)	0.0366 (J)	0.0577 (J)	0.0228 (J)	
10/19/2016					0.0152 (J)
12/8/2016	0.062	0.0397 (J)	0.0572	0.0251 (J)	0.0178 (J)
2/1/2017	0.0516	0.0381 (J)			
2/2/2017			0.0534	0.0238 (J)	0.0151 (J)
3/23/2017	0.0597	0.0416			
3/24/2017			0.0532	0.0234 (J)	
3/27/2017					0.0203 (J)
10/4/2017	0.0658	0.0382 (J)	0.0563		
10/5/2017				0.0329 (J)	0.0157 (J)
3/14/2018				0.024 (J)	
3/15/2018			0.053		0.013 (J)
3/16/2018	0.047	0.044			
5/16/2018		0.042			
10/4/2018	0.066	0.038 (J)	0.048	0.047 (J)	
10/5/2018					0.017 (J)
4/8/2019		0.036 (J)	0.049 (J)	0.055 (J)	0.015 (J)
4/9/2019	0.048				
10/1/2019	0.071	0.042	0.05	0.046	0.018 (J)
3/27/2020				0.056 (J)	0.018 (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)	
9/24/2020			0.045 (J)	0.055 (J)	0.016 (J)
9/25/2020	0.08 (J)	0.047 (J)			
3/9/2021	0.046	0.038 (J)	0.041	0.05	0.014 (J)
8/10/2021	0.056	0.037 (J)	0.037 (J)	0.088	0.012 (J)
2/4/2022	0.04	0.039 (J)	0.055	0.055	0.013 (J)
8/8/2022		0.038 (J)			
8/9/2022	0.058			0.043	0.014 (J)
8/10/2022			0.046		
1/31/2023	0.043	0.037 (J)	0.025 (J)	0.029 (J)	0.012 (J)
8/14/2023		0.039 (J)			
8/15/2023	0.06		0.03 (J)	0.031 (J)	0.022 (J)
2/20/2024	0.031 (J)				<0.04
2/21/2024		0.04	0.027 (J)	0.032 (J)	
8/11/2024			0.035 (J)	0.035 (J)	0.017 (J)
8/12/2024	0.09	0.053			
2/11/2025	0.046				0.017 (J)
2/12/2025		0.044	0.026 (J)	0.042	
8/9/2025			0.029 (J)	0.058	0.016 (J)
8/10/2025	0.06	0.043			
2/8/2026	0.048				
2/9/2026		0.047	0.03 (J)	0.042	0.017 (J)

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

Time Series

Constituent: Boron (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21
3/23/2016	0.0354 (J)			<0.04	
3/24/2016		0.122	0.173		0.0232 (J)
5/17/2016	0.0349 (J)				
5/18/2016		0.139	0.186	0.0229 (J)	0.0289 (J)
7/6/2016	0.0308 (J)		0.184		
7/7/2016		0.12		0.0169 (J)	0.0313 (J)
9/7/2016	0.0283 (J)				
9/8/2016		0.126	0.173	0.0178 (J)	0.0593 (J)
10/18/2016	0.0292 (J)		0.171		
10/19/2016		0.133		0.018 (J)	0.087 (Jo)
12/6/2016	0.0287 (J)				
12/7/2016			0.203	0.0248 (J)	0.127 (o)
12/8/2016		0.119			
2/2/2017	0.0334 (J)	0.132	0.187		0.0318 (J)
2/3/2017				0.0171 (J)	
3/27/2017	0.0396 (J)	0.134	0.182	0.0181 (J)	0.0225 (J)
10/5/2017	0.0294 (J)	0.125	0.166	0.0178 (J)	0.0304 (J)
3/15/2018	0.038 (J)		0.17		0.025 (J)
3/16/2018		0.12		0.016 (J)	
10/4/2018	0.038 (J)		0.17		0.029 (J)
10/5/2018		0.15		0.017 (J)	
4/9/2019	0.035 (J)	0.12	0.17	0.011 (J)	0.014 (J)
10/1/2019	0.031 (J)	0.14	0.17	0.019 (J)	0.059
3/27/2020	0.04 (J)				
3/30/2020		0.13			
3/31/2020			0.18	0.024 (J)	0.022 (J)
9/23/2020				0.018 (J)	
9/24/2020		0.13			0.061 (J)
9/25/2020	0.036 (J)				
9/28/2020			0.17		
3/9/2021	0.037 (J)	0.13			0.03 (J)
3/10/2021			0.16	0.018 (J)	
8/10/2021	0.033 (J)	0.14	0.14	0.013 (J)	0.026 (J)
2/4/2022	0.037 (J)	0.12			
2/7/2022			0.15	0.015 (J)	0.018 (J)
8/9/2022	0.031 (J)	0.12	0.14	0.015 (J)	0.029 (J)
1/30/2023	0.038 (J)				
1/31/2023		0.12	0.13	0.015 (J)	0.013 (J)
8/14/2023	0.032 (J)				
8/15/2023		0.14	0.16	0.019 (J)	0.03 (J)
2/19/2024	0.028 (J)				
2/20/2024		0.12	0.14	<0.04	0.025 (J)
8/11/2024	0.032 (J)			0.018 (J)	0.038 (J)
8/12/2024		0.14	0.16		
2/11/2025	0.041		0.16	0.018 (J)	0.021 (J)
2/12/2025		0.14			
8/9/2025	0.035 (J)				0.04
8/10/2025		0.15	0.16	0.018 (J)	
2/8/2026	0.039 (J)		0.16		
2/9/2026				0.018 (J)	0.021 (J)
2/10/2026		0.15			

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

Time Series

Constituent: Boron (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-22	GWC-23
3/23/2016	0.0649 (J)	<0.1
5/18/2016	0.0781 (J)	
5/19/2016		0.0212 (J)
7/7/2016	0.0621 (J)	0.0183 (J)
9/8/2016	0.0607 (J)	0.017 (J)
10/19/2016	0.0733 (J)	0.0203 (J)
12/7/2016	0.0758	0.0215 (J)
2/2/2017	0.0729	
2/3/2017		0.0812
3/27/2017	0.0698	0.125 (o)
10/5/2017	0.0677	0.0375 (J)
3/15/2018	0.07	0.051
10/4/2018	0.065	
10/5/2018		0.039 (J)
4/8/2019		0.022 (J)
4/9/2019	0.063	
10/1/2019	0.066	0.024 (J)
3/26/2020		0.042 (J)
3/31/2020	0.067 (J)	
9/23/2020	0.061 (J)	0.024 (J)
3/9/2021	0.065	0.044
8/10/2021	0.057	0.027 (J)
2/7/2022	0.064	0.052
8/8/2022		0.022 (J)
8/9/2022	0.059	
1/31/2023	0.052	0.06
8/14/2023		0.019 (J)
8/15/2023	0.068	
2/20/2024	0.066	0.048
8/11/2024	0.067	
8/12/2024		0.028 (J)
2/11/2025	0.069	
2/12/2025		0.019 (J)
8/9/2025	0.073	
8/10/2025		0.019 (J)
2/9/2026	0.071	0.02 (J)

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

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)
3/6/2007	<0.0005	<0.0005	<0.0005	<0.0005	
3/7/2007					<0.0005
5/8/2007	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
7/7/2007	<0.0005	<0.0005			
7/17/2007			<0.0005	<0.0005	<0.0005
8/28/2007	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
11/6/2007	<0.0005	<0.0005	<0.0005	<0.0005	
11/7/2007					<0.0005
5/8/2008			<0.0005	<0.0005	
5/9/2008	<0.0005	<0.0005			<0.0005
12/2/2008					<0.0005
12/3/2008	<0.0005	<0.0005	<0.0005	<0.0005	
4/7/2009	<0.0005	<0.0005	<0.0005	<0.0005	
4/8/2009					<0.0005
10/1/2009	<0.0005	<0.0005			<0.0005
10/2/2009			<0.0005	<0.0005	
4/13/2010		<0.0005			
4/14/2010	<0.0005		<0.0005	<0.0005	<0.0005
10/7/2010		<0.0005			
10/13/2010	<0.0005				<0.0005
10/14/2010			<0.0005	<0.0005	
4/5/2011			<0.0005	<0.0005	
4/6/2011	<0.0005	<0.0005			<0.0005
10/4/2011					<0.0005
10/6/2011		<0.0005			
10/10/2011	<0.0005				
10/12/2011			<0.0005	<0.0005	
4/3/2012	<0.0005	<0.0005			
4/4/2012			<0.0005	<0.0005	
4/10/2012					<0.0005
9/19/2012		<0.0005			
9/24/2012	<0.0005			<0.0005	
9/26/2012			<0.0005		<0.0005
3/12/2013	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
9/9/2013		<0.0005			
9/10/2013			<0.0005	<0.0005	<0.0005
9/11/2013	<0.0005				
3/4/2014	<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	
4/21/2015	<0.0005		<0.0005	<0.0005	<0.0005
4/22/2015		<0.0005			
9/29/2015			<0.0005	<0.0005	<0.0005
9/30/2015	<0.0005	<0.0005			
3/22/2016	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
5/17/2016	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
7/5/2016	<0.0005	<0.0005	<0.0005		
7/6/2016				<0.0005	<0.0005
9/7/2016	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
10/18/2016	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
12/6/2016	<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 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)
12/7/2016		<0.0005			
1/31/2017	<0.0005	<0.0005			
2/1/2017			<0.0005	0.0001 (J)	<0.0005
3/23/2017	<0.0005	<0.0005	<0.0005		
3/24/2017				<0.0005	<0.0005
10/4/2017	<0.0005	<0.0005	<0.0005	<0.0005	
10/5/2017					<0.0005
3/14/2018	<0.0005	<0.0005			
3/15/2018			<0.0005	<0.0005	<0.0005
10/4/2018	<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
9/30/2019	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
3/26/2020	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
9/21/2020		<0.0005			
9/22/2020					<0.0005
9/23/2020	<0.0005		<0.0005	<0.0005	
3/8/2021	<0.0005		<0.0005	<0.0005	<0.0005
3/9/2021		<0.0005			
8/9/2021	<0.0005	<0.0005	<0.0005	<0.0005	
8/10/2021					<0.0005
2/4/2022	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
8/8/2022	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
1/30/2023	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
8/14/2023	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2/19/2024	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
8/10/2024		<0.0005			
8/11/2024	<0.0005		<0.0005	<0.0005	<0.0005
2/11/2025	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
8/9/2025	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2/7/2026				<0.0005	
2/8/2026	<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 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/7/2007	0.0015	<0.0005			<0.0005
5/8/2007	<0.0005				<0.0005
5/9/2007		<0.0005	0.023 (O)	<0.0005	
7/6/2007	<0.0005		0.0081 (O)	<0.0005	<0.0005
7/17/2007		<0.0005			
8/28/2007	<0.0005	<0.0005	0.0035	<0.0005	<0.0005
11/6/2007	<0.0005	<0.0005	0.0028	<0.0005	<0.0005
3/31/2008			<0.0005	<0.0005	
5/8/2008	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
12/2/2008			<0.0005	<0.0005	<0.0005
12/3/2008	<0.0005	<0.0005			
4/7/2009	<0.0005	<0.0005			
4/8/2009			0.0013	<0.0005	<0.0005
9/30/2009				<0.0005	<0.0005
10/1/2009	<0.0005	<0.0005	<0.0005		
4/13/2010		<0.0005	<0.0005	<0.0005	<0.0005
4/14/2010	<0.0005				
10/6/2010		<0.0005			
10/7/2010			<0.0005		
10/13/2010				<0.0005	<0.0005
10/14/2010	<0.0005				
4/5/2011	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
10/4/2011		<0.0005	<0.0005	<0.0005	<0.0005
10/12/2011	<0.0005				
4/3/2012		<0.0005	<0.0005	<0.0005	
4/4/2012	<0.0005				<0.0005
9/18/2012		<0.0005	<0.0005		
9/19/2012				<0.0005	<0.0005
9/24/2012	<0.0005				
3/12/2013	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
9/9/2013		<0.0005			
9/10/2013	<0.0005		<0.0005	<0.0005	<0.0005
3/5/2014	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
9/3/2014					<0.0005
9/8/2014		<0.0005	<0.0005		
9/9/2014	<0.0005			<0.0005	
4/21/2015	<0.0005		0.0015		0.00029 (J)
4/22/2015		<0.0005		<0.0005	
9/29/2015	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
3/23/2016	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
5/17/2016	<0.0005	<0.0005			
5/18/2016			<0.0005	<0.0005	<0.0005
7/6/2016	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
9/7/2016	<0.0005	<0.0005	<0.0005		
9/8/2016				<0.0005	<0.0005
10/18/2016	<0.0005	<0.0005	<0.0005	<0.0005	
10/19/2016					<0.0005
12/8/2016	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2/1/2017	<0.0005	<0.0005			
2/2/2017			0.0001 (J)	8E-05 (J)	8E-05 (J)
3/23/2017	<0.0005	<0.0005			
3/24/2017			<0.0005	<0.0005	

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

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/27/2017					<0.0005
10/4/2017	<0.0005	<0.0005	<0.0005		
10/5/2017				<0.0005	<0.0005
3/14/2018				<0.0005	
3/15/2018			<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
4/8/2019		<0.0005	<0.0005	<0.0005	<0.0005
4/9/2019	<0.0005				
10/1/2019	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
3/27/2020				<0.0005	<0.0005
3/30/2020			<0.0005		
3/31/2020	<0.0005	<0.0005			
9/24/2020			<0.0005	<0.0005	<0.0005
9/25/2020	<0.0005	<0.0005			
3/9/2021	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
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
8/8/2022		<0.0005			
8/9/2022	<0.0005			<0.0005	<0.0005
8/10/2022			<0.0005		
1/31/2023	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
8/14/2023		<0.0005			
8/15/2023	<0.0005		<0.0005	<0.0005	<0.0005
2/20/2024	<0.0005				<0.0005
2/21/2024		<0.0005	<0.0005	<0.0005	
8/11/2024			<0.0005	<0.0005	<0.0005
8/12/2024	<0.0005	<0.0005			
2/11/2025	<0.0005				<0.0005
2/12/2025		<0.0005	<0.0005	<0.0005	
8/9/2025			<0.0005	<0.0005	<0.0005
8/10/2025	<0.0005	<0.0005			
2/8/2026	<0.0005				
2/9/2026		<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 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21
3/6/2007			<0.0005		<0.0005
3/7/2007	<0.0005	<0.0005		<0.0005	
5/8/2007	<0.0005				
5/9/2007		<0.0005	<0.0005	<0.0005	<0.0005
7/17/2007	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
8/28/2007	<0.0005	<0.0005	<0.0005		
8/29/2007				<0.0005	<0.0005
11/7/2007	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
3/31/2008					<0.0005
5/7/2008		<0.0005	<0.0005	<0.0005	<0.0005
5/9/2008	<0.0005				
12/2/2008	<0.0005				
12/3/2008		<0.0005			
12/4/2008			<0.0005		
12/5/2008				<0.0005	<0.0005
4/8/2009	<0.0005				
4/14/2009		<0.0005	<0.0005	<0.0005	
4/27/2009					<0.0005
9/30/2009				<0.0005	<0.0005
10/1/2009	<0.0005	<0.0005			
10/2/2009			<0.0005		
4/13/2010		<0.0005	<0.0005	<0.0005	<0.0005
4/14/2010	<0.0005				
10/12/2010		<0.0005	<0.0005	<0.0005	<0.0005
10/13/2010	<0.0005				
4/6/2011	<0.0005	<0.0005	<0.0005		
10/4/2011	<0.0005				
10/5/2011					<0.0005
10/12/2011		<0.0005	<0.0005	<0.0005	
4/5/2012		<0.0005	<0.0005		
4/9/2012				<0.0005	
4/10/2012	<0.0005				<0.0005
9/19/2012		<0.0005			
9/25/2012			<0.0005	<0.0005	
9/26/2012	<0.0005				<0.0005
3/12/2013	<0.0005				
3/13/2013		<0.0005	<0.0005	<0.0005	<0.0005
9/10/2013	<0.0005	<0.0005			
9/11/2013			<0.0005	<0.0005	<0.0005
3/4/2014	<0.0005				
3/10/2014		<0.0005	<0.0005	<0.0005	
3/11/2014					<0.0005
9/3/2014	<0.0005	<0.0005			
9/9/2014			<0.0005	<0.0005	<0.0005
4/21/2015	<0.0005				
4/22/2015		<0.0005	<0.0005		
4/23/2015				<0.0005	
9/30/2015	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
3/23/2016	<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

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

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21
7/6/2016	<0.0005		<0.0005		
7/7/2016		<0.0005		<0.0005	0.0001 (J)
9/7/2016	<0.0005				
9/8/2016		<0.0005	<0.0005	<0.0005	<0.0005
10/18/2016	<0.0005		<0.0005		
10/19/2016		<0.0005		<0.0005	<0.0005
12/6/2016	<0.0005				
12/7/2016			<0.0005	<0.0005	<0.0005
12/8/2016		<0.0005			
2/2/2017	9E-05 (J)	8E-05 (J)	<0.0005		0.0001 (J)
2/3/2017				<0.0005	
3/27/2017	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
10/5/2017	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
3/15/2018	<0.0005		<0.0005		<0.0005
3/16/2018		<0.0005		<0.0005	
10/4/2018	<0.0005		<0.0005		<0.0005
10/5/2018		<0.0005		0.00011 (J)	
4/9/2019	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
10/1/2019	<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	<0.0005
9/23/2020				<0.0005	
9/24/2020		<0.0005			<0.0005
9/25/2020	<0.0005				
9/28/2020			<0.0005		
3/9/2021	<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
2/4/2022	<0.0005	<0.0005			
2/7/2022			<0.0005	<0.0005	<0.0005
8/9/2022	<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
8/14/2023	<0.0005				
8/15/2023		<0.0005	<0.0005	<0.0005	<0.0005
2/19/2024	<0.0005				
2/20/2024		<0.0005	<0.0005	<0.0005	<0.0005
8/11/2024	<0.0005			<0.0005	<0.0005
8/12/2024		<0.0005	<0.0005		
2/11/2025	<0.0005		<0.0005	<0.0005	<0.0005
2/12/2025		<0.0005			
8/9/2025	<0.0005				<0.0005
8/10/2025		<0.0005	<0.0005	<0.0005	
2/8/2026	<0.0005		<0.0005		
2/9/2026				<0.0005	<0.0005
2/10/2026		<0.0005			

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

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-22	GWC-23
3/6/2007	<0.0005	<0.0005
5/9/2007	<0.0005	<0.0005
7/17/2007	<0.0005	<0.0005
8/29/2007	<0.0005	<0.0005
11/7/2007	<0.0005	<0.0005
3/31/2008		<0.0005
5/7/2008	<0.0005	<0.0005
12/5/2008	<0.0005	<0.0005
4/14/2009	<0.0005	<0.0005
9/30/2009	<0.0005	
10/1/2009		<0.0005
4/13/2010	<0.0005	
4/14/2010		<0.0005
10/12/2010	<0.0005	
10/13/2010		<0.0005
4/6/2011	<0.0005	<0.0005
10/5/2011	<0.0005	
10/12/2011		<0.0005
4/9/2012	<0.0005	<0.0005
9/19/2012		<0.0005
9/25/2012	<0.0005	
3/13/2013	<0.0005	<0.0005
9/10/2013		<0.0005
9/11/2013	<0.0005	
3/11/2014	<0.0005	<0.0005
9/3/2014		<0.0005
9/9/2014	<0.0005	
4/23/2015	<0.0005	<0.0005
9/30/2015	<0.0005	<0.0005
3/23/2016	<0.0005	<0.0005
5/18/2016	<0.0005	
5/19/2016		<0.0005
7/7/2016	<0.0005	<0.0005
9/8/2016	<0.0005	<0.0005
10/19/2016	<0.0005	<0.0005
12/7/2016	<0.0005	<0.0005
2/2/2017	<0.0005	
2/3/2017		8E-05 (J)
3/27/2017	<0.0005	<0.0005
10/5/2017	<0.0005	<0.0005
3/15/2018	<0.0005	<0.0005
10/4/2018	<0.0005	
10/5/2018		<0.0005
4/8/2019		<0.0005
4/9/2019	<0.0005	
10/1/2019	<0.0005	<0.0005
3/26/2020		<0.0005
3/31/2020	<0.0005	
9/23/2020	<0.0005	<0.0005
3/9/2021	<0.0005	<0.0005
8/10/2021	<0.0005	<0.0005
2/7/2022	<0.0005	<0.0005

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

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-22	GWC-23
8/8/2022		<0.0005
8/9/2022	<0.0005	
1/31/2023	<0.0005	<0.0005
8/14/2023		<0.0005
8/15/2023	<0.0005	
2/20/2024	<0.0005	<0.0005
8/11/2024	<0.0005	
8/12/2024		<0.0005
2/11/2025	<0.0005	
2/12/2025		<0.0005
8/9/2025	<0.0005	
8/10/2025		<0.0005
2/9/2026	<0.0005	<0.0005

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

Time Series

Constituent: Calcium (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)
3/22/2016	13.9	47.4	79.3	123	23.8
5/17/2016	15.6	45.5	75.8	99.2	21.5
7/5/2016	15.7	40.5	65.3		
7/6/2016				109	20.6
9/7/2016	18.2	37.3	59.8	67.2	16.7
10/18/2016	17.7	46.6	72.4	77.9	20.3
12/6/2016	16.9		78.6	93.3	19.7
12/7/2016		43.5			
1/31/2017	17.9	39.2			
2/1/2017			85	92.8	18.1
3/23/2017	13.9	38.7	81.2		
3/24/2017				96.3	21.1
10/4/2017	15.9	36.5	78.8	75.1	
10/5/2017					20.1
3/14/2018	<25	39.5			
3/15/2018			83.5	69.9	<25
10/4/2018	15.9 (J)	41.7	75.2	77.8	21.3 (J)
4/5/2019			76.5		
4/8/2019	15.7	44.1		86.6	22.4
9/30/2019	17.6	44.6	74.7	78.3	19.6
3/26/2020	14	43.2	78.7	87.4	22.4
9/21/2020		45.8			
9/22/2020					19.5
9/23/2020	17.6		76.2	74.9	
3/8/2021	16.2		73.5	87.2	22
3/9/2021		48.7			
8/9/2021	20.2	49.9	73.2	69.7	
8/10/2021					20.8
2/4/2022	18.3	57.6	59	97.3	23.7
8/8/2022	17.2	51.2	61	68.9	21.1
1/30/2023	15.8	46.8	53.1	73.6	20.4
8/14/2023	17.2	53.1	57.2	73.5	21.8
2/19/2024	17.9	54	59	81.3	21.4
8/10/2024		59.2			
8/11/2024	19.3		69.4	83	20.8
2/11/2025	14.1	57.2	65.7	76	21
8/9/2025	13.8	57.8	58.3	91.8	17
2/7/2026				110	
2/8/2026	15.2	55.5	67.4		21.1

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

Time Series

Constituent: Calcium (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/31/2008			57	67	
3/23/2016	79	64.1	45.2	69.1	36
5/17/2016	74.6	62.8			
5/18/2016			46.5	63.7	37.3
7/6/2016	66.9	59.5	29.1	56.8	32.8
9/7/2016	61.6	53.7	19.2		
9/8/2016				51.3	32.1
10/18/2016	71.6	62.3	22.6	52.6	
10/19/2016					35
12/8/2016	67.6	58.8	17.5	43.7	33.4
2/1/2017	82.5	59.6			
2/2/2017			54.4	56.5	34.3
3/23/2017	84.4	62.9			
3/24/2017			56.8	64.4	
3/27/2017					34.9
10/4/2017	70.8	62.4	30.5		
10/5/2017				59.9	34.7
3/14/2018				58.8	
3/15/2018			43.4		35.3
3/16/2018	78.1	66.9			
10/4/2018	73	65.5	26.1	264 (O)	
10/5/2018					37.8
12/11/2018				64.3	
4/8/2019		67	56.1	81.5	36.3
4/9/2019	73.9				
6/18/2019				83.7	
6/27/2019				75.9	
10/1/2019	70.6	64.2	28.5	64	37.2
3/27/2020				87.3	34.3
3/30/2020			47.8		
3/31/2020	84.2	70.6			
9/24/2020			39.5	81.4	35.9
9/25/2020	77.1	71.3			
3/9/2021	85.4	70.8	64.3	83.2	36.8
8/10/2021	78.3	67.7	40.5	111	38.1
2/4/2022	79.5	71.2	68.3	92.6	39.8
8/8/2022		70.5			
8/9/2022	76.6			83.8	38.6
8/10/2022			33.3		
1/31/2023	75.5	62.5	19	69.2	34.1
8/14/2023		69.1			
8/15/2023	75.8		18.4	70.5	37.6
2/20/2024	78.7				38.9
2/21/2024		66.7	16.5	77.4	
8/11/2024			19.7	77.3	40.1
8/12/2024	80.8	70.8			
2/11/2025	75.5				40.9
2/12/2025		69.3	18.5	91.8	
8/9/2025			14.3	90.1	37.9
8/10/2025	73.7	55.7			
2/8/2026	85.5				
2/9/2026		71	18.2	76.3	40.7

Time Series

Constituent: Calcium (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21
3/31/2008					46
3/23/2016	43.9			56.3	
3/24/2016		40.7	43.9		31.4
5/17/2016	40.1				
5/18/2016		41.9	48.2	59	39.2
7/6/2016	32.3		45.8		
7/7/2016		36.8		50.9	36
9/7/2016	28.9				
9/8/2016		35.9	40.9	48	70
10/18/2016	35.4		45.5		
10/19/2016		38.7		49.7	63
12/6/2016	34.3				
12/7/2016			40.6	46.4	54.7
12/8/2016		39.4			
2/2/2017	38.1	41.5	42.4		37.4
2/3/2017				49	
3/27/2017	45.4	39.1	45.5	50.7	20.9
10/5/2017	35.8	41.6	42.9	52	26.8
3/15/2018	52.4		43.3		62.8
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
10/5/2018		39.6		52.7	
12/11/2018	49.3				
4/9/2019	48.8	41.4	45.8	57.1	35.4
10/1/2019	36.8	38.7	42.3	59.1	82.8
11/6/2019					74.9
11/26/2019					45.8
3/27/2020	22.9				
3/30/2020		45.7			
3/31/2020			52.3	63.6	25.6
6/19/2020			41.3 (M1)	61.4	
9/23/2020				55.8	
9/24/2020		36.9 (M1)			73.4
9/25/2020	39.4				
9/28/2020			44.7		
3/9/2021	48.7	44.9			67.8
3/10/2021			47.4	64.9	
8/10/2021	45.5	48.2	44.9	62	29.7
2/4/2022	52.8	56.1			
2/7/2022			49	68.7	39.7
8/9/2022	43.9	44.4	48.7	66.3	30.2
1/30/2023	43.7				
1/31/2023		40.4	42.5	62	16.2
8/14/2023	39.8				
8/15/2023		41	44.6	63.5	31.5
2/19/2024	44.8				
2/20/2024		42.4	47.5	67.1	22.5
8/11/2024	39.8			67.3	40.9
8/12/2024		43.3	48.1		
2/11/2025	46.2		48.6	63.9	28.1

Time Series

Constituent: Calcium (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21
2/12/2025		43.6			
8/9/2025	39.4				28.6
8/10/2025		38.3	44.6	60.9	
2/8/2026	48.6		52.1		
2/9/2026				72.1	33.8
2/10/2026		38.5			

Time Series

Constituent: Calcium (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-22	GWC-23
3/31/2008		36
3/23/2016	49.9	36.4
5/18/2016	50.7	
5/19/2016		41.5
7/7/2016	45.5	33.5
9/8/2016	46.8	34.7
10/19/2016	47.3	33.4
12/7/2016	45.3	35.5
2/2/2017	49.9	
2/3/2017		31.7
3/27/2017	45.8	32
10/5/2017	47.3	41
3/15/2018	46.8	39.8
10/4/2018	50.4	
10/5/2018		39.3
4/8/2019		39.8
4/9/2019	47.3	
10/1/2019	46.9	39.1
3/26/2020		44.7
3/31/2020	51.5	
9/23/2020	45.9	39.2
3/9/2021	48.7	54.3
8/10/2021	48.1	48.2
2/7/2022	52.6	64.9
8/8/2022		40.6
8/9/2022	51.3	
1/31/2023	43.8	58.3
8/14/2023		40.7
8/15/2023	47.3	
2/20/2024	46.8	53.7
8/11/2024	51.8	
8/12/2024		47.3
2/11/2025	50.1	
2/12/2025		42.8
8/9/2025	43.9	
8/10/2025		33.9
2/9/2026	46.5	43.3

Time Series

Constituent: Chloride (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)
3/22/2016	1.1933	2.0975	4.0352	5.549	1.3137
5/17/2016	1.14	2.1	3.81	6.74	1.29
7/5/2016	1.4	2.4	4		
7/6/2016				5.2	1.6
9/7/2016	1	2.5	4.2	7.2	1.5
10/18/2016	1.1	2.7	4.4	7.4	1.6
12/6/2016	1		4.6	7.6	1.2
12/7/2016		2.6			
1/31/2017	1.2	2.5			
2/1/2017			3.7	8.5	2.1
3/23/2017	1.1	2	3.5		
3/24/2017				7	1.3
10/4/2017	1.1	2.2	3.6	7.4	
10/5/2017					1.3
3/14/2018	1.2	2.4			
3/15/2018			3.8	1.7	1.6
10/4/2018	1.4	2.5	3.4	6.1	1.8
4/5/2019			4.2		
4/8/2019	1.1	2.6		3.6	1.3
9/30/2019	1.4	3	4.1	7.5	1.5
3/26/2020	1.1	2	2.6	5.4	1.4
9/21/2020		2.1			
9/22/2020					1
9/23/2020	1.6		2.8	4.2	
3/8/2021	1.1		2.8	5.6	1.3
3/9/2021		2.1			
8/9/2021	1.1	2.4	2.1	3	
8/10/2021					1.2
2/4/2022	0.99 (J)	2.3	1.1	3.3	1.2
8/8/2022	1.2	2.5	1.9	2.4	1.3
1/30/2023	1.1	2.2	1.2	3.4	1.2
8/14/2023	0.99 (J)	2.2	1.3	2.5	1
2/19/2024	1.2	2.3	1.2	3.6	1.2
8/10/2024		2.6			
8/11/2024	1.1		1.5	3.6	1.3
2/11/2025	1.3	2.7	1.3	2	1.3
8/9/2025	1.2	3	1.3	3.3	1.3
2/7/2026				4.3	
2/8/2026	1.2	2.7	1.1		1.4

Time Series

Constituent: Chloride (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/23/2016	2.5045	1.7709	1.1569	1.4936	0.9561
5/17/2016	2.47	1.75			
5/18/2016			1.35		
5/19/2016				1.35	0.972
7/6/2016	2.9	2	1.9	1.6	1.3
9/7/2016	2.8	2	1.7		
9/8/2016				1.4	1
10/18/2016	2.8	2	1.8	1.4	
10/19/2016					1.1
12/8/2016	3.1	2	1.6	1.5	1.3
2/1/2017	3.8	2.2			
2/2/2017			2	1.7	1.6
3/23/2017	3.4	2			
3/24/2017			1.3	2.1	
3/27/2017					1.4
10/4/2017	3.7	1.7	1.7		
10/5/2017				2	1.1
3/14/2018				2.1	
3/15/2018			1.9		1.3
3/16/2018	3.2	2.1			
10/4/2018	3.2	2.2	2	2.3	
10/5/2018					1.6
12/11/2018				2.3	
1/11/2019				2.8	
4/8/2019		2.1	1.9	3.2	1
4/9/2019	3.3				
10/1/2019	2.2	1.6	1.2	1.8	0.91 (J)
3/27/2020				2.5	0.74 (J)
3/30/2020			9.2 (O)		
3/31/2020	2	1.5			
6/19/2020			1.4		
9/24/2020			1.4	2.2	0.82 (J)
9/25/2020	2.3	1.6			
3/9/2021	2	1.5	1.5	2.2	0.74 (J)
8/10/2021	2.3	1.6	1.6	2.7	0.85 (J)
2/4/2022	1.9	1.6	1.8	3.2	0.78 (J)
8/8/2022		1.9			
8/9/2022	2.4			2.1	1
8/10/2022			1.7		
1/31/2023	2.1	1.7	1.7	1.6	0.72 (J)
8/14/2023		1.6			
8/15/2023	2.1		1.7	1.6	0.65 (J)
2/20/2024	2.2				0.89 (J)
2/21/2024		1.7	1.9	2	
8/11/2024			2	1.7	0.75 (J)
8/12/2024	2.3	1.8			
2/11/2025	2.7				1
2/12/2025		1.5	1.9	2.1	
8/9/2025			2.3	3	1
8/10/2025	2.7	1.8			
2/8/2026	2.4				
2/9/2026		1.7	2.1	2	0.82 (J)

Time Series

Constituent: Chloride (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21
3/23/2016	1.3507			1.4238	
3/24/2016		1.1313	1.6497		2.461
5/17/2016	1.28				
5/18/2016			1.74	1.57	2.61
5/19/2016		1.13			
7/6/2016	1.5		2.1		
7/7/2016		1.5		1.7	2.8
9/7/2016	1.5				
9/8/2016		1.4	1.9	1.5	2.3
10/18/2016	1.4		2.1		
10/19/2016		1.4		1.7	2.4
12/6/2016	1.3				
12/7/2016			2	1.8	2.2
12/8/2016		1.4			
2/2/2017	1.8	1.6	2.3		3.4
2/3/2017				2	
3/27/2017	1.7	1.5	2.1	1.8	2.7
10/5/2017	1.5	1.4	1.9	5.5 (o)	3.3
12/14/2017				1.5	
3/15/2018	2		1.9		3.6
3/16/2018		1.5		1.9	
5/15/2018	1.4				3.2
10/4/2018	2.1		2		2.4
10/5/2018		1.5		2.2	
12/11/2018	1.9			1.8	
4/9/2019	1.9	1.6	1.9	1.8	2.6
10/1/2019	1.5	0.94 (J)	1.3	1.1	2
3/27/2020	1.2				
3/30/2020		1			
3/31/2020			1.3	1.1	1.5
9/23/2020				1.1	
9/24/2020		0.94 (J)			1.8
9/25/2020	1.1				
9/28/2020			1.3		
3/9/2021	1.1	0.97 (J)			1.8
3/10/2021			1.3	1.2	
8/10/2021	1.2	0.93 (J)	1.2	1.2	2
2/4/2022	1.3	0.88 (J)			
2/7/2022			1.1	1.2	2.7
8/9/2022	1.3	1.1	1.6	0.93 (J)	4
1/30/2023	1.3				
1/31/2023		0.8 (J)	1.2	1.1	1.5
8/14/2023	1				
8/15/2023		0.85 (J)	1.1	1.1	5.3
2/19/2024	1.2				
2/20/2024		1	1.3	1.3	5
8/11/2024	0.95 (J)			1.1	10 (o)
8/12/2024		1.1	1.3		
12/3/2024					5.4
2/11/2025	1.3		1.4	1.5	5.5
2/12/2025		0.8 (J)			
8/9/2025	1.4				5.5

Time Series

Constituent: Chloride (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21
8/10/2025		1.1	1.3	1.4	
2/8/2026	1.4		1.2		
2/9/2026				1.5	10.4
2/10/2026		0.88 (J)			
5/1/2026					10.3 (R)

Time Series

Constituent: Chloride (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-22	GWC-23
3/23/2016	1.2595	1.5409
5/18/2016	1.25	
5/19/2016		1.23
7/7/2016	1.7	1.7
9/8/2016	1.5	1.6
10/19/2016	1.6	1.6
12/7/2016	1.5	1.7
2/2/2017	1.8	
2/3/2017		1.9
3/27/2017	1.5	1.7
10/5/2017	1.6	1.4
3/15/2018	1.7	1.6
10/4/2018	1.7	
10/5/2018		1.6
4/8/2019		1.5
4/9/2019	1.7	
10/1/2019	1.4	1.1
3/26/2020		0.63 (J)
3/31/2020	1	
9/23/2020	1.1	1.1
3/9/2021	1	0.85 (J)
8/10/2021	1.1	1
2/7/2022	1	0.7 (J)
8/8/2022		1.3
8/9/2022	0.81 (J)	
1/31/2023	1	<1
8/14/2023		1.1
8/15/2023	0.95 (J)	
2/20/2024	1.3	0.98 (J)
8/11/2024	1	
8/12/2024		1.2
2/11/2025	1.4	
2/12/2025		1
8/9/2025	1.2	
8/10/2025		1.3
2/9/2026	1.1	1.1

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

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)
3/6/2007	<0.005	<0.005	<0.005	<0.005	
3/7/2007					<0.005
5/8/2007	<0.005	<0.005	<0.005	<0.005	<0.005
7/7/2007	<0.005	<0.005			
7/17/2007			<0.005	<0.005	<0.005
8/28/2007	<0.005	<0.005	<0.005	<0.005	0.0013
11/6/2007	<0.005	<0.005	0.0014	<0.005	
11/7/2007					0.0024
5/8/2008			<0.005	<0.005	
5/9/2008	<0.005	<0.005			<0.005
12/2/2008					<0.005
12/3/2008	<0.005	<0.005	<0.005	<0.005	
4/7/2009	<0.005	<0.005	<0.005	<0.005	
4/8/2009					<0.005
10/1/2009	<0.005	<0.005			<0.005
10/2/2009			<0.005	<0.005	
4/13/2010		<0.005			
4/14/2010	<0.005		<0.005	<0.005	<0.005
10/7/2010		<0.005			
10/13/2010	<0.005				<0.005
10/14/2010			<0.005	<0.005	
4/5/2011			<0.005	<0.005	
4/6/2011	<0.005	<0.005			<0.005
10/4/2011					<0.005
10/6/2011		<0.005			
10/10/2011	<0.005				
10/12/2011			<0.005	<0.005	
4/3/2012	<0.005	<0.005			
4/4/2012			<0.005	<0.005	
4/10/2012					<0.005
9/19/2012		<0.005			
9/24/2012	<0.005			<0.005	
9/26/2012			<0.005		<0.005
3/12/2013	<0.005	<0.005	<0.005	<0.005	<0.005
9/9/2013		<0.005			
9/10/2013			<0.005	<0.005	<0.005
9/11/2013	<0.005				
3/4/2014	0.00032 (J)	<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	
4/21/2015	<0.005		<0.005	<0.005	<0.005
4/22/2015		<0.005			
9/29/2015			<0.005	<0.005	<0.005
9/30/2015	<0.005	<0.005			
3/22/2016	<0.005	<0.005	<0.005	<0.005	<0.005
5/17/2016	<0.005	<0.005	<0.005	<0.005	<0.005
7/5/2016	<0.005	<0.005	<0.005		
7/6/2016				<0.005	<0.005
9/7/2016	<0.005	<0.005	<0.005	<0.005	<0.005
10/18/2016	<0.005	<0.005	<0.005	<0.005	<0.005
12/6/2016	<0.005		<0.005	<0.005	0.0018 (J)

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

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)
12/7/2016		<0.005			
1/31/2017	<0.005	<0.005			
2/1/2017			<0.005	<0.005	<0.005
3/23/2017	<0.005	<0.005	<0.005		
3/24/2017				0.0004 (J)	<0.005
10/4/2017	<0.005	<0.005	<0.005	<0.005	
10/5/2017					<0.005
3/14/2018	0.016	<0.005			
3/15/2018			<0.005	<0.005	<0.005
10/4/2018	<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
9/30/2019	<0.005	<0.005	<0.005	<0.005	<0.005
3/26/2020	<0.005	0.00043 (J)	0.00062 (J)	0.0013 (J)	<0.005
9/21/2020		<0.005			
9/22/2020					<0.005
9/23/2020	<0.005		<0.005	<0.005	
3/8/2021	<0.005		<0.005	<0.005	<0.005
3/9/2021		<0.005			
8/9/2021	<0.005	<0.005	<0.005	<0.005	
8/10/2021					<0.005
2/4/2022	<0.005	<0.005	<0.005	<0.005	<0.005
8/8/2022	<0.005	<0.005	<0.005	<0.005	<0.005
1/30/2023	<0.005	<0.005	<0.005	<0.005	<0.005
8/14/2023	<0.005	<0.005	<0.005	<0.005	<0.005
2/19/2024	<0.005	<0.005	<0.005	<0.005	<0.005
8/10/2024		<0.005			
8/11/2024	<0.005		<0.005	<0.005	<0.005
2/11/2025	<0.005	<0.005	<0.005	<0.005	<0.005
8/9/2025	<0.005	<0.005	<0.005	<0.005	0.0037 (J)
2/7/2026				0.00038 (J)	
2/8/2026	0.00027 (J)	<0.005	0.00028 (J)		<0.005

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

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/7/2007	<0.005	<0.005			<0.005
5/8/2007	<0.005				0.0013
5/9/2007		<0.005	0.11 (O)	<0.005	
7/6/2007	<0.005		0.0029	<0.005	<0.005
7/17/2007		<0.005			
8/28/2007	<0.005	<0.005	0.0038	<0.005	0.0014
11/6/2007	<0.005	<0.005	<0.005	0.0035	0.0024
3/31/2008			0.0027	0.033	
5/8/2008	<0.005	<0.005	<0.005	<0.005	<0.005
12/2/2008			<0.005	<0.005	<0.005
12/3/2008	<0.005	<0.005			
4/7/2009	<0.005	<0.005			
4/8/2009			<0.005	<0.005	<0.005
9/30/2009				<0.005	<0.005
10/1/2009	<0.005	<0.005	0.0016		
4/13/2010		<0.005	<0.005	<0.005	<0.005
4/14/2010	<0.005				
10/6/2010		<0.005			
10/7/2010			<0.005		
10/13/2010				<0.005	<0.005
10/14/2010	<0.005				
4/5/2011	<0.005	<0.005	<0.005	<0.005	<0.005
10/4/2011		<0.005	0.0018	<0.005	<0.005
10/12/2011	<0.005				
4/3/2012		<0.005	<0.005	<0.005	
4/4/2012	<0.005				<0.005
9/18/2012		<0.005	<0.005		
9/19/2012				<0.005	<0.005
9/24/2012	<0.005				
3/12/2013	<0.005	<0.005	<0.005	<0.005	<0.005
9/9/2013		<0.005			
9/10/2013	<0.005		<0.005	0.0017	<0.005
3/5/2014	<0.005	<0.005	<0.005	<0.005	<0.005
9/3/2014					<0.005
9/8/2014		<0.005	<0.005		
9/9/2014	<0.005			<0.005	
4/21/2015	<0.005		<0.005		<0.005
4/22/2015		<0.005		<0.005	
9/29/2015	<0.005	<0.005	<0.005	<0.005	<0.005
3/23/2016	<0.005	<0.005	<0.005	<0.005	<0.005
5/17/2016	<0.005	<0.005			
5/18/2016			<0.005	<0.005	<0.005
7/6/2016	<0.005	<0.005	<0.005	<0.005	<0.005
9/7/2016	<0.005	<0.005	<0.005		
9/8/2016				<0.005	<0.005
10/18/2016	<0.005	<0.005	<0.005	<0.005	
10/19/2016					<0.005
12/8/2016	<0.005	<0.005	<0.005	<0.005	<0.005
2/1/2017	<0.005	<0.005			
2/2/2017			<0.005	<0.005	<0.005
3/23/2017	<0.005	<0.005			
3/24/2017			0.0011 (J)	<0.005	

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

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/27/2017					<0.005
10/4/2017	<0.005	<0.005	<0.005		
10/5/2017				0.0005 (J)	<0.005
3/14/2018				<0.005	
3/15/2018			<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
4/8/2019		<0.005	<0.005	<0.005	<0.005
4/9/2019	<0.005				
10/1/2019	0.0012 (J)	<0.005	<0.005	0.0005 (J)	<0.005
3/27/2020				<0.005	<0.005
3/30/2020			0.00041 (J)		
3/31/2020	<0.005	0.00085 (J)			
9/24/2020			<0.005	<0.005	<0.005
9/25/2020	<0.005	<0.005			
3/9/2021	<0.005	<0.005	<0.005	<0.005	<0.005
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
8/8/2022		<0.005			
8/9/2022	<0.005			<0.005	<0.005
8/10/2022			<0.005		
1/31/2023	<0.005	<0.005	<0.005	<0.005	<0.005
8/14/2023		<0.005			
8/15/2023	<0.005		<0.005	<0.005	<0.005
2/20/2024	<0.005				<0.005
2/21/2024		<0.005	<0.005	<0.005	
8/11/2024			<0.005	<0.005	<0.005
8/12/2024	<0.005	<0.005			
2/11/2025	<0.005				<0.005
2/12/2025		<0.005	<0.005	<0.005	
8/9/2025			<0.005	<0.005	<0.005
8/10/2025	<0.005	<0.005			
2/8/2026	<0.005				
2/9/2026		<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 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21
3/6/2007			<0.005		<0.005
3/7/2007	<0.005	<0.005		<0.005	
5/8/2007	<0.005				
5/9/2007		<0.005	<0.005	<0.005	<0.005
7/17/2007	<0.005	<0.005	<0.005	<0.005	<0.005
8/28/2007	<0.005	<0.005	<0.005		
8/29/2007				0.0016	<0.005
11/7/2007	<0.005	<0.005	<0.005	0.0016	<0.005
3/31/2008					<0.005
5/7/2008		<0.005	<0.005	<0.005	<0.005
5/9/2008	<0.005				
12/2/2008	<0.005				
12/3/2008		<0.005			
12/4/2008			<0.005		
12/5/2008				<0.005	<0.005
4/8/2009	<0.005				
4/14/2009		<0.005	<0.005	<0.005	
4/27/2009					<0.005
9/30/2009				<0.005	<0.005
10/1/2009	<0.005	<0.005			
10/2/2009			<0.005		
4/13/2010		<0.005	<0.005	<0.005	<0.005
4/14/2010	<0.005				
10/12/2010		<0.005	<0.005	<0.005	<0.005
10/13/2010	<0.005				
4/6/2011	<0.005	<0.005	<0.005		
10/4/2011	<0.005				
10/5/2011					<0.005
10/12/2011		<0.005	<0.005	<0.005	
4/5/2012		<0.005	<0.005		
4/9/2012				<0.005	
4/10/2012	<0.005				<0.005
9/19/2012		<0.005			
9/25/2012			<0.005	<0.005	
9/26/2012	<0.005				<0.005
3/12/2013	<0.005				
3/13/2013		<0.005	<0.005	<0.005	<0.005
9/10/2013	<0.005	<0.005			
9/11/2013			<0.005	<0.005	<0.005
3/4/2014	<0.005				
3/10/2014		<0.005	<0.005	<0.005	
3/11/2014					<0.005
9/3/2014	<0.005	<0.005			
9/9/2014			<0.005	<0.005	0.0015
4/21/2015	<0.005				
4/22/2015		<0.005	<0.005		
4/23/2015				<0.005	
9/30/2015	<0.005	<0.005	<0.005	<0.005	<0.005
3/23/2016	<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

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

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21
7/6/2016	<0.005		<0.005		
7/7/2016		<0.005		<0.005	<0.005
9/7/2016	<0.005				
9/8/2016		<0.005	<0.005	<0.005	<0.005
10/18/2016	<0.005		<0.005		
10/19/2016		<0.005		0.0064 (J)	<0.005
12/6/2016	0.0013 (J)				
12/7/2016			<0.005	<0.005	<0.005
12/8/2016		<0.005			
2/2/2017	0.001 (J)	<0.005	<0.005		<0.005
2/3/2017				<0.005	
3/27/2017	<0.005	<0.005	<0.005	<0.005	<0.005
10/5/2017	<0.005	<0.005	0.0012 (J)	<0.005	<0.005
3/15/2018	<0.005		<0.005		<0.005
3/16/2018		<0.005		<0.005	
10/4/2018	<0.005		<0.005		<0.005
10/5/2018		<0.005		<0.005	
4/9/2019	<0.005	<0.005	<0.005	<0.005	<0.005
10/1/2019	<0.005	0.00086 (J)	<0.005	<0.005	<0.005
3/27/2020	<0.005				
3/30/2020		0.00071 (J)			
3/31/2020			0.00042 (J)	<0.005	0.00093 (J)
9/23/2020				<0.005	
9/24/2020		<0.005			<0.005
9/25/2020	<0.005				
9/28/2020			0.00063 (J)		
3/9/2021	<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
2/4/2022	<0.005	<0.005			
2/7/2022			<0.005	<0.005	<0.005
8/9/2022	<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
8/14/2023	0.0015 (J)				
8/15/2023		<0.005	<0.005	<0.005	<0.005
2/19/2024	<0.005				
2/20/2024		<0.005	<0.005	<0.005	<0.005
8/11/2024	<0.005			<0.005	<0.005
8/12/2024		<0.005	<0.005		
2/11/2025	<0.005		<0.005	<0.005	<0.005
2/12/2025		<0.005			
8/9/2025	0.0024 (J)				<0.005
8/10/2025		<0.005	<0.005	<0.005	
2/8/2026	<0.005		<0.005		
2/9/2026				<0.005	<0.005
2/10/2026		0.0003 (J)			

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

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-22	GWC-23
3/6/2007	<0.005	<0.005
5/9/2007	0.002	0.0013
7/17/2007	<0.005	<0.005
8/29/2007	<0.005	<0.005
11/7/2007	0.0013	<0.005
3/31/2008		<0.005
5/7/2008	<0.005	<0.005
12/5/2008	<0.005	<0.005
4/14/2009	<0.005	<0.005
9/30/2009	<0.005	
10/1/2009		<0.005
4/13/2010	<0.005	
4/14/2010		<0.005
10/12/2010	<0.005	
10/13/2010		<0.005
4/6/2011	<0.005	<0.005
10/5/2011	<0.005	
10/12/2011		<0.005
4/9/2012	<0.005	<0.005
9/19/2012		<0.005
9/25/2012	<0.005	
3/13/2013	<0.005	<0.005
9/10/2013		<0.005
9/11/2013	<0.005	
3/11/2014	<0.005	<0.005
9/3/2014		<0.005
9/9/2014	<0.005	
4/23/2015	<0.005	<0.005
9/30/2015	<0.005	<0.005
3/23/2016	<0.005	<0.005
5/18/2016	<0.005	
5/19/2016		<0.005
7/7/2016	<0.005	<0.005
9/8/2016	<0.005	<0.005
10/19/2016	<0.005	<0.005
12/7/2016	<0.005	<0.005
2/2/2017	<0.005	
2/3/2017		<0.005
3/27/2017	<0.005	<0.005
10/5/2017	<0.005	<0.005
3/15/2018	<0.005	<0.005
10/4/2018	<0.005	
10/5/2018		<0.005
4/8/2019		<0.005
4/9/2019	0.0023 (J)	
10/1/2019	<0.005	0.0051 (J)
3/26/2020		<0.005
3/31/2020	0.0015 (J)	
9/23/2020	<0.005	<0.005
3/9/2021	<0.005	<0.005
8/10/2021	<0.005	<0.005
2/7/2022	<0.005	<0.005

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

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-22	GWC-23
8/8/2022		<0.005
8/9/2022	<0.005	
1/31/2023	<0.005	<0.005
8/14/2023		<0.005
8/15/2023	<0.005	
2/20/2024	<0.005	<0.005
8/11/2024	<0.005	
8/12/2024		<0.005
2/11/2025	<0.005	
2/12/2025		<0.005
8/9/2025	<0.005	
8/10/2025		<0.005
2/9/2026	<0.005	0.00035 (J)

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

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)
3/6/2007	<0.005	<0.005	<0.005	<0.005	
3/7/2007					<0.005
5/8/2007	<0.005	<0.005	<0.005	<0.005	<0.005
7/7/2007	<0.005	<0.005			
7/17/2007			<0.005	<0.005	<0.005
8/28/2007	<0.005	<0.005	<0.005	<0.005	<0.005
11/6/2007	<0.005	<0.005	<0.005	<0.005	
11/7/2007					<0.005
5/8/2008			<0.005	<0.005	
5/9/2008	<0.005	<0.005			<0.005
12/2/2008					<0.005
12/3/2008	<0.005	<0.005	<0.005	<0.005	
4/7/2009	<0.005	<0.005	<0.005	<0.005	
4/8/2009					<0.005
10/1/2009	<0.005	<0.005			<0.005
10/2/2009			<0.005	<0.005	
4/13/2010		<0.005			
4/14/2010	<0.005		<0.005	<0.005	<0.005
10/7/2010		<0.005			
10/13/2010	<0.005				<0.005
10/14/2010			<0.005	0.0025	
4/5/2011			<0.005	<0.005	
4/6/2011	<0.005	<0.005			<0.005
10/4/2011					<0.005
10/6/2011		<0.005			
10/10/2011	<0.005				
10/12/2011			<0.005	<0.005	
4/3/2012	<0.005	<0.005			
4/4/2012			<0.005	<0.005	
4/10/2012					<0.005
9/19/2012		<0.005			
9/24/2012	<0.005			0.0016	
9/26/2012			<0.005		<0.005
3/12/2013	<0.005	<0.005	<0.005	<0.005	<0.005
9/9/2013		<0.005			
9/10/2013			<0.005	0.002	<0.005
9/11/2013	<0.005				
3/4/2014	0.00043 (J)	<0.005			0.00047 (J)
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)	
4/21/2015	0.00051 (J)		<0.005	<0.005	0.00062 (J)
4/22/2015		<0.005			
9/29/2015			<0.005	0.0025 (J)	0.0009 (J)
9/30/2015	0.0006 (J)	<0.005			
3/22/2016	<0.005	<0.005	<0.005	<0.005	<0.005
5/17/2016	<0.005	<0.005	<0.005	<0.005	<0.005
7/5/2016	0.0004 (J)	<0.005	0.0003 (J)		
7/6/2016				0.0004 (J)	0.0009 (J)
9/7/2016	<0.005	<0.005	<0.005	0.0008 (J)	0.0011 (J)
10/18/2016	<0.005	<0.005	<0.005	<0.005	0.0011 (J)
12/6/2016	0.0006 (J)		0.0007 (J)	0.0026 (J)	0.0011 (J)

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

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)
12/7/2016		<0.005			
1/31/2017	0.0006 (J)	<0.005			
2/1/2017			<0.005	0.0013 (J)	0.0011 (J)
3/23/2017	0.0007 (J)	<0.005	<0.005		
3/24/2017				0.0014 (J)	0.0008 (J)
10/4/2017	0.0006 (J)	<0.005	<0.005	0.0012 (J)	
10/5/2017					0.0008 (J)
3/14/2018	<0.005	<0.005			
3/15/2018			<0.005	<0.005	<0.005
10/4/2018	0.00058 (J)	<0.005	<0.005	<0.005	0.00072 (J)
4/5/2019			0.00031 (J)		
4/8/2019	0.00026 (J)	6.1E-05 (J)		0.00044 (J)	0.00076 (J)
9/30/2019	0.00042 (J)	<0.005	<0.005	0.00079 (J)	0.00054 (J)
3/26/2020	0.00049 (J)	<0.005	<0.005	0.00082 (J)	0.00063 (J)
9/21/2020		<0.005			
9/22/2020					0.00049 (J)
9/23/2020	0.00051 (J)		<0.005	<0.005	
3/8/2021	0.0005 (J)		<0.005	0.00061 (J)	0.00049 (J)
3/9/2021		<0.005			
8/9/2021	<0.005	<0.005	0.00042 (J)	<0.005	
8/10/2021					0.00047 (J)
2/4/2022	0.00057 (J)	<0.005	0.00052 (J)	<0.005	0.00051 (J)
8/8/2022	0.00045 (J)	<0.005	0.0013 (J)	<0.005	0.00058 (J)
1/30/2023	0.0005 (J)	<0.005	<0.005	<0.005	0.00043 (J)
8/14/2023	0.00043 (J)	<0.005	0.00095 (J)	<0.005	0.00045 (J)
2/19/2024	0.0005 (J)	<0.005	0.00049 (J)	<0.005	0.00063 (J)
8/10/2024		<0.005			
8/11/2024	0.00043 (J)		0.00035 (J)	<0.005	0.00056 (J)
2/11/2025	<0.005	<0.005	<0.005	<0.005	<0.005
8/9/2025	<0.005	<0.005	<0.005	<0.005	<0.005
2/7/2026				0.00057 (J)	
2/8/2026	0.00062 (J)	<0.005	0.00034 (J)		0.00069 (J)

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

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/7/2007	<0.005	<0.005			<0.005
5/8/2007	<0.005				<0.005
5/9/2007		<0.005	6.5 (O)	<0.005	
7/6/2007	<0.005		2.1 (O)	<0.005	<0.005
7/17/2007		<0.005			
8/28/2007	<0.005	<0.005	1.4 (O)	<0.005	<0.005
11/6/2007	<0.005	<0.005	1.1 (O)	<0.005	<0.005
3/31/2008			0.75	0.0079	
5/8/2008	<0.005	<0.005	0.75	<0.005	<0.005
12/2/2008			0.41	<0.005	<0.005
12/3/2008	<0.005	<0.005			
4/7/2009	<0.005	<0.005			
4/8/2009			0.38	<0.005	<0.005
9/30/2009				<0.005	<0.005
10/1/2009	<0.005	<0.005	0.29		
4/13/2010		<0.005	0.26	<0.005	<0.005
4/14/2010	<0.005				
10/6/2010		<0.005			
10/7/2010			0.24		
10/13/2010				<0.005	<0.005
10/14/2010	<0.005				
4/5/2011	<0.005	<0.005	0.17	<0.005	<0.005
10/4/2011		<0.005	0.19	<0.005	<0.005
10/12/2011	<0.005				
4/3/2012		<0.005	0.114	<0.005	
4/4/2012	<0.005				<0.005
9/18/2012		<0.005	0.14		
9/19/2012				<0.005	<0.005
9/24/2012	<0.005				
3/12/2013	<0.005	<0.005	0.041	<0.005	<0.005
9/9/2013		<0.005			
9/10/2013	<0.005		0.06	<0.005	<0.005
3/5/2014	<0.005	<0.005	0.049	<0.005	<0.005
9/3/2014					<0.005
9/8/2014		<0.005	0.068		
9/9/2014	<0.005			<0.005	
4/21/2015	<0.005		0.043		<0.005
4/22/2015		<0.005		<0.005	
9/29/2015	<0.005	<0.005	0.0525	<0.005	<0.005
3/23/2016	<0.005	<0.005	0.0172	<0.005	<0.005
5/17/2016	<0.005	<0.005			
5/18/2016			0.021	<0.005	<0.005
7/6/2016	<0.005	<0.005	0.0278	<0.005	0.0004 (J)
9/7/2016	<0.005	<0.005	0.0334		
9/8/2016				<0.005	<0.005
10/18/2016	<0.005	<0.005	0.0368	<0.005	
10/19/2016					<0.005
12/8/2016	<0.005	<0.005	0.0419	<0.005	<0.005
2/1/2017	<0.005	<0.005			
2/2/2017			0.0113	<0.005	<0.005
3/23/2017	0.0007 (J)	<0.005			
3/24/2017			0.0094 (J)	<0.005	

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

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/27/2017					<0.005
10/4/2017	<0.005	<0.005	0.0237		
10/5/2017				0.0003 (J)	0.0004 (J)
3/14/2018				<0.005	
3/15/2018			0.014		<0.005
3/16/2018	<0.005	<0.005			
10/4/2018	<0.005	<0.005	0.024	<0.005	
10/5/2018					<0.005
4/8/2019		0.00022 (J)	0.0086 (J)	0.0017 (J)	0.00041 (J)
4/9/2019	<0.005				
10/1/2019	<0.005	<0.005	0.017	0.00081 (J)	0.00041 (J)
3/27/2020				0.0016 (J)	0.00063 (J)
3/30/2020			0.012		
3/31/2020	<0.005	<0.005			
9/24/2020			0.01	0.0011 (J)	<0.005
9/25/2020	0.00057 (J)	<0.005			
3/9/2021	0.00043 (J)	<0.005	0.0093	0.0013 (J)	0.00042 (J)
8/10/2021	0.00098 (J)	<0.005	0.013	0.004 (J)	<0.005
2/4/2022	<0.005	<0.005	0.0092	0.0019 (J)	<0.005
8/8/2022		<0.005			
8/9/2022	0.00061 (J)			0.0013 (J)	<0.005
8/10/2022			0.013		
1/31/2023	<0.005	<0.005	0.031	0.00055 (J)	<0.005
8/14/2023		<0.005			
8/15/2023	0.00046 (J)		0.021	0.00077 (J)	<0.005
2/20/2024	0.00035 (J)				0.00033 (J)
2/21/2024		<0.005	0.03	0.00053 (J)	
8/11/2024			0.016	0.00054 (J)	0.00033 (J)
8/12/2024	0.00072 (J)	<0.005			
2/11/2025	<0.005				<0.005
2/12/2025		<0.005	0.03	<0.005	
8/9/2025			0.018	0.0013 (J)	<0.005
8/10/2025	<0.005	<0.005			
2/8/2026	0.00037 (J)				
2/9/2026		<0.005	0.02	0.00058 (J)	0.00043 (J)

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

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21
3/6/2007			<0.005		<0.01
3/7/2007	<0.005	<0.005		<0.005	
5/8/2007	<0.005				
5/9/2007		<0.005	<0.005	<0.005	<0.01
7/17/2007	<0.005	<0.005	<0.005	<0.005	<0.01
8/28/2007	<0.005	<0.005	<0.005		
8/29/2007				<0.005	<0.01
11/7/2007	<0.005	<0.005	<0.005	<0.005	<0.01
3/31/2008					<0.01
5/7/2008		<0.005	<0.005	<0.005	<0.01
5/9/2008	<0.005				
12/2/2008	<0.005				
12/3/2008		<0.005			
12/4/2008			<0.005		
12/5/2008				<0.005	<0.01
4/8/2009	<0.005				
4/14/2009		<0.005	<0.005	<0.005	
4/27/2009					<0.01
9/30/2009				<0.005	<0.01
10/1/2009	<0.005	<0.005			
10/2/2009			<0.005		
4/13/2010		<0.005	<0.005	<0.005	<0.01
4/14/2010	<0.005				
10/12/2010		<0.005	<0.005	<0.005	<0.01
10/13/2010	<0.005				
4/6/2011	<0.005	<0.005	<0.005		
10/4/2011	<0.005				
10/5/2011					<0.01
10/12/2011		<0.005	<0.005	<0.005	
4/5/2012		<0.005	<0.005		
4/9/2012				<0.005	
4/10/2012	<0.005				<0.01
9/19/2012		<0.005			
9/25/2012			<0.005	<0.005	
9/26/2012	<0.005				0.0033
3/12/2013	<0.005				
3/13/2013		<0.005	<0.005	<0.005	<0.01
9/10/2013	<0.005	<0.005			
9/11/2013			<0.005	<0.005	0.0018
3/4/2014	<0.005				
3/10/2014		<0.005	<0.005	<0.005	
3/11/2014					0.00029 (J)
9/3/2014	<0.005	<0.005			
9/9/2014			<0.005	<0.005	0.0011 (J)
4/21/2015	<0.005				
4/22/2015		<0.005	<0.005		
4/23/2015				<0.005	
9/30/2015	<0.005	<0.005	<0.005	<0.005	<0.01
3/23/2016	<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	<0.01

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

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21
7/6/2016	<0.005		<0.005		
7/7/2016		<0.005		<0.005	0.0016 (J)
9/7/2016	<0.005				
9/8/2016		<0.005	<0.005	<0.005	0.0006 (J)
10/18/2016	<0.005		<0.005		
10/19/2016		<0.005		<0.005	0.0006 (J)
12/6/2016	<0.005				
12/7/2016			<0.005	<0.005	0.0006 (J)
12/8/2016		<0.005			
2/2/2017	<0.005	<0.005	<0.005		<0.01
2/3/2017				<0.005	
3/27/2017	<0.005	<0.005	<0.005	<0.005	0.001 (J)
10/5/2017	<0.005	<0.005	<0.005	<0.005	0.0051 (J)
3/15/2018	<0.005		<0.005		<0.01
3/16/2018		<0.005		<0.005	
10/4/2018	<0.005		<0.005		0.0065 (J)
10/5/2018		<0.005		<0.005	
4/9/2019	<0.005	<0.005	<0.005	<0.005	0.0023 (J)
10/1/2019	<0.005	<0.005	<0.005	<0.005	0.00046 (J)
3/27/2020	0.00082 (J)				
3/30/2020		<0.005			
3/31/2020			<0.005	<0.005	0.0019 (J)
9/23/2020				<0.005	
9/24/2020		<0.005			0.00068 (J)
9/25/2020	<0.005				
9/28/2020			<0.005		
3/9/2021	<0.005	<0.005			0.00049 (J)
3/10/2021			<0.005	<0.005	
8/10/2021	<0.005	<0.005	<0.005	<0.005	0.0041 (J)
2/4/2022	<0.005	<0.005			
2/7/2022			<0.005	<0.005	0.0028 (J)
8/9/2022	<0.005	<0.005	<0.005	<0.005	0.0027 (J)
1/30/2023	<0.005				
1/31/2023		<0.005	<0.005	<0.005	0.002 (J)
8/14/2023	<0.005				
8/15/2023		<0.005	<0.005	<0.005	0.0032 (J)
2/19/2024	<0.005				
2/20/2024		<0.005	<0.005	<0.005	0.0029 (J)
8/11/2024	<0.005			<0.005	0.0022 (J)
8/12/2024		<0.005	<0.005		
2/11/2025	<0.005		<0.005	<0.005	0.0026 (J)
2/12/2025		<0.005			
8/9/2025	<0.005				0.0029 (J)
8/10/2025		<0.005	<0.005	<0.005	
2/8/2026	<0.005		<0.005		
2/9/2026				0.00036 (J)	0.0018 (J)
2/10/2026		0.00021 (J)			

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

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-22	GWC-23
3/6/2007	<0.005	<0.005
5/9/2007	<0.005	<0.005
7/17/2007	<0.005	<0.005
8/29/2007	<0.005	<0.005
11/7/2007	<0.005	<0.005
3/31/2008		<0.005
5/7/2008	<0.005	<0.005
12/5/2008	<0.005	<0.005
4/14/2009	<0.005	<0.005
9/30/2009	<0.005	
10/1/2009		<0.005
4/13/2010	<0.005	
4/14/2010		<0.005
10/12/2010	<0.005	
10/13/2010		<0.005
4/6/2011	<0.005	<0.005
10/5/2011	<0.005	
10/12/2011		<0.005
4/9/2012	<0.005	<0.005
9/19/2012		<0.005
9/25/2012	<0.005	
3/13/2013	<0.005	<0.005
9/10/2013		<0.005
9/11/2013	<0.005	
3/11/2014	<0.005	<0.005
9/3/2014		<0.005
9/9/2014	<0.005	
4/23/2015	<0.005	<0.005
9/30/2015	<0.005	<0.005
3/23/2016	<0.005	<0.005
5/18/2016	<0.005	
5/19/2016		<0.005
7/7/2016	<0.005	<0.005
9/8/2016	<0.005	<0.005
10/19/2016	<0.005	<0.005
12/7/2016	<0.005	<0.005
2/2/2017	<0.005	
2/3/2017		<0.005
3/27/2017	<0.005	<0.005
10/5/2017	<0.005	<0.005
3/15/2018	<0.005	<0.005
10/4/2018	<0.005	
10/5/2018		0.00058 (J)
4/8/2019		0.00046 (J)
4/9/2019	<0.005	
10/1/2019	<0.005	0.00033 (J)
3/26/2020		0.00035 (J)
3/31/2020	<0.005	
9/23/2020	<0.005	<0.005
3/9/2021	<0.005	<0.005
8/10/2021	<0.005	<0.005
2/7/2022	<0.005	<0.005

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

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-22	GWC-23
8/8/2022		<0.005
8/9/2022	<0.005	
1/31/2023	<0.005	<0.005
8/14/2023		<0.005
8/15/2023	<0.005	
2/20/2024	<0.005	<0.005
8/11/2024	<0.005	
8/12/2024		<0.005
2/11/2025	<0.005	
2/12/2025		<0.005
8/9/2025	<0.005	
8/10/2025		<0.005
2/9/2026	<0.005	0.00014 (J)

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

Time Series

Constituent: Copper (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)
3/6/2007	<0.005	<0.005	<0.005	<0.005	
3/7/2007					<0.005
5/8/2007	<0.005	<0.005	<0.005	<0.005	<0.005
7/7/2007	<0.005	<0.005			
7/17/2007			0.0028	<0.005	<0.005
8/28/2007	<0.005	0.0032	0.0039	0.0061	0.0032
11/6/2007	<0.005	<0.005	<0.005	<0.005	
11/7/2007					0.0036
5/8/2008			<0.005	<0.005	
5/9/2008	<0.005	<0.005			<0.005
12/2/2008					<0.005
12/3/2008	<0.005	<0.005	<0.005	<0.005	
4/7/2009	<0.005	<0.005	<0.005	<0.005	
4/8/2009					<0.005
10/1/2009	<0.005	<0.005			<0.005
10/2/2009			<0.005	<0.005	
4/13/2010		<0.005			
4/14/2010	<0.005		<0.005	<0.005	<0.005
10/7/2010		<0.005			
10/13/2010	<0.005				<0.005
10/14/2010			<0.005	0.0066	
4/5/2011			<0.005	<0.005	
4/6/2011	<0.005	<0.005			<0.005
10/4/2011					<0.005
10/6/2011		<0.005			
10/10/2011	<0.005				
10/12/2011			<0.005	<0.005	
4/3/2012	<0.005	<0.005			
4/4/2012			<0.005	<0.005	
4/10/2012					<0.005
9/19/2012		<0.005			
9/24/2012	<0.005			<0.005	
9/26/2012			<0.005		<0.005
3/12/2013	<0.005	<0.005	<0.005	<0.005	<0.005
9/9/2013		<0.005			
9/10/2013			<0.005	<0.005	<0.005
9/11/2013	<0.005				
3/4/2014	<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	
4/21/2015	<0.005		<0.005	<0.005	<0.005
4/22/2015		<0.005			
9/29/2015			<0.005	<0.005	<0.005
9/30/2015	<0.005	<0.005			
3/22/2016	<0.005	<0.005	<0.005	<0.005	<0.005
9/7/2016	<0.005	<0.005	<0.005	<0.005	<0.005
3/23/2017	<0.005	<0.005	<0.005		
3/24/2017				<0.005	<0.005
10/4/2017	<0.005	<0.005	<0.005	<0.005	
10/5/2017					<0.005
3/14/2018	<0.005	<0.005			

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

Time Series

Constituent: Copper (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)
3/15/2018			<0.005	<0.005	<0.005
10/4/2018	<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)
9/30/2019	<0.005	<0.005	<0.005	<0.005	<0.005
3/26/2020	<0.005	<0.005	0.00022 (J)	<0.005	<0.005
9/21/2020		<0.005			
9/22/2020					<0.005
9/23/2020	<0.005		<0.005	<0.005	
3/8/2021	<0.005		<0.005	<0.005	<0.005
3/9/2021		<0.005			
8/9/2021	<0.005	<0.005	<0.005	0.00051 (J)	
8/10/2021					<0.005
2/4/2022	<0.005	<0.005	<0.005	<0.005	<0.005
8/8/2022	<0.005	<0.005	<0.005	<0.005	<0.005
1/30/2023	<0.005	<0.005	<0.005	<0.005	<0.005
8/14/2023	<0.005	<0.005	<0.005	<0.005	<0.005
2/19/2024	<0.005	<0.005	<0.005	<0.005	<0.005
8/10/2024		<0.005			
8/11/2024	<0.005		<0.005	<0.005	<0.005
2/11/2025	<0.005	<0.005	<0.005	<0.005	<0.005
8/9/2025	<0.005	<0.005	<0.005	<0.005	<0.005
2/7/2026				<0.005	
2/8/2026	<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 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/7/2007	0.0027	<0.005			0.0043
5/8/2007	0.0026				<0.005
5/9/2007		<0.005	0.44 (O)	<0.005	
7/6/2007	<0.005		0.016	<0.005	<0.005
7/17/2007		<0.005			
8/28/2007	0.0036	<0.005	0.0091	<0.005	<0.005
11/6/2007	<0.005	<0.005	<0.005	<0.005	<0.005
3/31/2008			<0.005	0.015	
5/8/2008	<0.005	<0.005	<0.005	<0.005	<0.005
12/2/2008			0.003	<0.005	<0.005
12/3/2008	<0.005	<0.005			
4/7/2009	<0.005	<0.005			
4/8/2009			<0.005	<0.005	<0.005
9/30/2009				<0.005	<0.005
10/1/2009	<0.005	<0.005	<0.005		
4/13/2010		<0.005	<0.005	<0.005	<0.005
4/14/2010	<0.005				
10/6/2010		<0.005			
10/7/2010			<0.005		
10/13/2010				<0.005	<0.005
10/14/2010	<0.005				
4/5/2011	<0.005	<0.005	<0.005	<0.005	<0.005
10/4/2011		<0.005	<0.005	<0.005	<0.005
10/12/2011	<0.005				
4/3/2012		<0.005	<0.005	<0.005	
4/4/2012	<0.005				<0.005
9/18/2012		<0.005	<0.005		
9/19/2012				<0.005	<0.005
9/24/2012	<0.005				
3/12/2013	<0.005	<0.005	<0.005	<0.005	<0.005
9/9/2013		<0.005			
9/10/2013	<0.005		<0.005	<0.005	<0.005
3/5/2014	<0.005	<0.005	<0.005	<0.005	<0.005
9/3/2014					<0.005
9/8/2014		<0.005	<0.005		
9/9/2014	<0.005			<0.005	
4/21/2015	<0.005		0.00082 (J)		<0.005
4/22/2015		<0.005		<0.005	
9/29/2015	<0.005	<0.005	<0.005	<0.005	<0.005
3/23/2016	<0.005	<0.005	<0.005	<0.005	<0.005
9/7/2016	<0.005	<0.005	<0.005		
9/8/2016				<0.005	<0.005
3/23/2017	<0.005	<0.005			
3/24/2017			0.0007 (J)	<0.005	
3/27/2017					<0.005
10/4/2017	<0.005	<0.005	<0.005		
10/5/2017				<0.005	<0.005
3/14/2018				<0.005	
3/15/2018			<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

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

Time Series

Constituent: Copper (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
4/8/2019		<0.005	0.00025 (J)	<0.005	<0.005
4/9/2019	<0.005				
10/1/2019	0.00031 (J)	0.00023 (J)	0.00034 (J)	0.00036 (J)	<0.005
3/27/2020				<0.005	<0.005
3/30/2020			<0.005		
3/31/2020	0.00019 (J)	<0.005			
9/24/2020			<0.005	<0.005	<0.005
9/25/2020	<0.005	<0.005			
3/9/2021	<0.005	<0.005	<0.005	<0.005	<0.005
8/10/2021	<0.005	<0.005	<0.005	<0.005	0.0018 (J)
2/4/2022	<0.005	<0.005	<0.005	<0.005	<0.005
8/8/2022		<0.005			
8/9/2022	<0.005			<0.005	<0.005
8/10/2022			<0.005		
1/31/2023	<0.005	<0.005	<0.005	<0.005	<0.005
8/14/2023		<0.005			
8/15/2023	<0.005		<0.005	<0.005	<0.005
2/20/2024	<0.005				<0.005
2/21/2024		<0.005	<0.005	<0.005	
8/11/2024			<0.005	<0.005	<0.005
8/12/2024	<0.005	<0.005			
2/11/2025	<0.005				<0.005
2/12/2025		<0.005	<0.005	<0.005	
8/9/2025			<0.005	<0.005	<0.005
8/10/2025	<0.005	<0.005			
2/8/2026	0.00094 (J)				
2/9/2026		<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 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21
3/6/2007			<0.005		<0.005
3/7/2007	0.0025	<0.005		<0.005	
5/8/2007	<0.005				
5/9/2007		<0.005	<0.005	<0.005	<0.005
7/17/2007	<0.005	<0.005	<0.005	<0.005	<0.005
8/28/2007	<0.005	<0.005	<0.005		
8/29/2007				<0.005	<0.005
11/7/2007	<0.005	0.0029	0.0035	0.0028	0.0029
3/31/2008					<0.005
5/7/2008		<0.005	<0.005	<0.005	0.0026
5/9/2008	<0.005				
12/2/2008	<0.005				
12/3/2008		<0.005			
12/4/2008			<0.005		
12/5/2008				<0.005	<0.005
4/8/2009	<0.005				
4/14/2009		<0.005	<0.005	<0.005	
4/27/2009					<0.005
9/30/2009				<0.005	<0.005
10/1/2009	<0.005	<0.005			
10/2/2009			<0.005		
4/13/2010		<0.005	<0.005	<0.005	<0.005
4/14/2010	<0.005				
10/12/2010		<0.005	<0.005	<0.005	<0.005
10/13/2010	<0.005				
4/6/2011	<0.005	<0.005	<0.005		
10/4/2011	<0.005				
10/5/2011					<0.005
10/12/2011	<0.005	<0.005	<0.005	<0.005	
4/5/2012		<0.005	<0.005		
4/9/2012				<0.005	
4/10/2012	<0.005				<0.005
9/19/2012		<0.005			
9/25/2012			<0.005	<0.005	
9/26/2012	<0.005				<0.005
3/12/2013	<0.005				
3/13/2013		<0.005	<0.005	<0.005	<0.005
9/10/2013	<0.005	<0.005			
9/11/2013			<0.005	<0.005	<0.005
3/4/2014	<0.005				
3/10/2014		<0.005	<0.005	<0.005	
3/11/2014					<0.005
9/3/2014	<0.005	0.00099 (J)			
9/9/2014			<0.005	<0.005	0.0013 (J)
4/21/2015	<0.005				
4/22/2015		<0.005	<0.005		
4/23/2015				<0.005	
9/30/2015	<0.005	<0.005	<0.005	<0.005	0.0008 (J)
3/23/2016	<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	0.0006 (J)

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

Time Series

Constituent: Copper (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21
3/27/2017	<0.005	<0.005	0.0004 (J)	<0.005	0.0005 (J)
10/5/2017	<0.005	<0.005	0.0005 (J)	<0.005	<0.005
3/15/2018	<0.005		<0.005		<0.005
3/16/2018		<0.005		<0.005	
10/4/2018	<0.005		<0.005		<0.005
10/5/2018		<0.005		<0.005	
4/9/2019	<0.005	<0.005	0.0014 (J)	<0.005	<0.005
10/1/2019	<0.005	0.00037 (J)	0.00019 (J)	0.00023 (J)	0.00084 (J)
3/27/2020	0.00022 (J)				
3/30/2020		<0.005			
3/31/2020			<0.005	<0.005	0.00082 (J)
9/23/2020				<0.005	
9/24/2020		<0.005			<0.005
9/25/2020	<0.005				
9/28/2020			<0.005		
3/9/2021	<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
2/4/2022	<0.005	<0.005			
2/7/2022			<0.005	<0.005	<0.005
8/9/2022	0.0023 (J)	<0.005	<0.005	<0.005	<0.005
1/30/2023	<0.005				
1/31/2023		<0.005	<0.005	<0.005	0.0012 (J)
8/14/2023	<0.005				
8/15/2023		<0.005	<0.005	<0.005	<0.005
2/19/2024	<0.005				
2/20/2024		<0.005	<0.005	<0.005	0.00075 (J)
8/11/2024	<0.005			<0.005	<0.005
8/12/2024		<0.005	<0.005		
2/11/2025	<0.005		<0.005	<0.005	<0.005
2/12/2025		<0.005			
8/9/2025	<0.005				<0.005
8/10/2025		<0.005	<0.005	<0.005	
2/8/2026	<0.005		<0.005		
2/9/2026				<0.005	<0.005
2/10/2026		<0.005			

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

Time Series

Constituent: Copper (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-22	GWC-23
3/6/2007	<0.005	<0.005
5/9/2007	<0.005	<0.005
7/17/2007	<0.005	<0.005
8/29/2007	<0.005	<0.005
11/7/2007	0.0033	0.0084
3/31/2008		<0.005
5/7/2008	<0.005	<0.005
12/5/2008	<0.005	<0.005
4/14/2009	<0.005	<0.005
9/30/2009	<0.005	
10/1/2009		<0.005
4/13/2010	<0.005	
4/14/2010		<0.005
10/12/2010	<0.005	
10/13/2010		<0.005
4/6/2011	<0.005	<0.005
10/5/2011	<0.005	
10/12/2011		<0.005
4/9/2012	<0.005	<0.005
9/19/2012		<0.005
9/25/2012	<0.005	
3/13/2013	<0.005	<0.005
9/10/2013		<0.005
9/11/2013	<0.005	
3/11/2014	<0.005	<0.005
9/3/2014		<0.005
9/9/2014	<0.005	
4/23/2015	<0.005	<0.005
9/30/2015	<0.005	0.0012 (J)
3/23/2016	<0.005	<0.005
9/8/2016	<0.005	<0.005
3/27/2017	<0.005	<0.005
10/5/2017	<0.005	0.0003 (J)
3/15/2018	<0.005	0.0016 (J)
10/4/2018	<0.005	
10/5/2018		<0.005
4/8/2019		0.0005 (J)
4/9/2019	<0.005	
10/1/2019	0.00031 (J)	0.00083 (J)
3/26/2020		0.00067 (J)
3/31/2020	0.0002 (J)	
9/23/2020	<0.005	<0.005
3/9/2021	<0.005	<0.005
8/10/2021	<0.005	0.00078 (J)
2/7/2022	<0.005	0.00088 (J)
8/8/2022		<0.005
8/9/2022	<0.005	
1/31/2023	<0.005	<0.005
8/14/2023		<0.005
8/15/2023	<0.005	
2/20/2024	<0.005	<0.005
8/11/2024	<0.005	

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

Time Series

Constituent: Copper (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-22	GWC-23
8/12/2024		<0.005
2/11/2025	<0.005	
2/12/2025		<0.005
8/9/2025	<0.005	
8/10/2025		<0.005
2/9/2026	<0.005	<0.005

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

Time Series

Constituent: Fluoride (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)
3/22/2016	0.119 (J)	0.1252 (J)	0.1415 (J)	0.1754 (J)	0.0811 (J)
5/17/2016	0.1049 (J)	0.1091 (J)	0.1293 (J)	0.1385 (J)	0.0706 (J)
7/5/2016	0.1 (J)	0.16 (J)	0.21 (J)		
7/6/2016				0.22 (J)	0.09 (J)
9/7/2016	0.13 (J)	0.18 (J)	0.21 (J)	0.2 (J)	0.04 (J)
10/18/2016	0.15 (J)	0.13 (J)	0.15 (J)	0.16 (J)	0.07 (J)
12/6/2016	0.11 (J)		0.19 (J)	0.29 (J)	0.13 (J)
12/7/2016		0.13 (J)			
1/31/2017	0.02 (J)	0.04 (J)			
2/1/2017			0.35	0.48	<0.1
3/23/2017	0.08 (J)	0.08 (J)	0.39		
3/24/2017				0.12 (J)	0.01 (J)
10/4/2017	0.07 (J)	0.11 (J)	0.49	0.2 (J)	
10/5/2017					<0.1
3/14/2018	<0.3	<0.3			
3/15/2018			<0.3	0.4	<0.1
10/4/2018	0.17 (J)	0.25 (J)	0.24 (J)	0.24 (J)	0.15 (J)
4/5/2019			0.31		
4/8/2019	0.057 (J)	0.072 (J)		0.12 (J)	0.035 (J)
9/30/2019	0.11 (J)	0.14 (J)	0.15 (J)	0.17 (J)	0.099 (J)
3/26/2020	0.082 (J)	0.12 (J)	0.09 (J)	0.089 (J)	0.057 (J)
9/21/2020		0.12			
9/22/2020					0.061 (J)
9/23/2020	0.089 (J)		0.11	0.13	
3/8/2021	0.094 (J)		0.13	0.1	0.11
3/9/2021		0.099 (J)			
8/9/2021	0.083 (J)	0.081 (J)	0.1	0.12	
8/10/2021					0.068 (J)
2/4/2022	0.087 (J)	0.085 (J)	0.084 (J)	0.11	0.068 (J)
8/8/2022	0.11	0.1	0.11	0.12	0.1
1/30/2023	0.11	0.11	0.12	0.12	0.09 (J)
8/14/2023	0.076 (J)	0.08 (J)	0.089 (J)	0.11	0.066 (J)
2/19/2024	0.074 (J)	0.079 (J)	0.081 (J)	0.1	<0.1
8/10/2024		0.071 (J)			
8/11/2024	0.12		0.15	0.14	0.1
2/11/2025	0.087 (J)	0.075 (J)	0.087 (J)	0.12	0.055 (J)
8/9/2025	0.11	0.094 (J)	0.11	0.12	0.081 (J)
2/7/2026				0.1	
2/8/2026	0.1	0.094 (J)	0.11		0.079 (J)

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

Time Series

Constituent: Fluoride (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/23/2016	0.0582 (J)	0.0791 (J)	0.2004 (J)	0.1537 (J)	0.0993 (J)
5/17/2016	0.0571 (J)	0.0712 (J)			
5/18/2016			0.1766 (J)		
5/19/2016				0.1414 (J)	0.0936 (J)
7/6/2016	0.29 (J)	0.28 (J)	0.39	0.15 (J)	0.09 (J)
9/7/2016	0.08 (J)	0.08 (J)	0.53		
9/8/2016				0.35	0.11 (J)
10/18/2016	0.09 (J)	0.07 (J)	0.24 (J)	0.17 (J)	
10/19/2016					0.1 (J)
12/8/2016	0.06 (J)	0.13 (J)	0.24 (J)	0.15 (J)	0.11 (J)
2/1/2017	0.33	0.24 (J)			
2/2/2017			0.3 (J)	0.1 (J)	0.05 (J)
3/23/2017	0.07 (J)	0.04 (J)			
3/24/2017			0.22 (J)	0.14 (J)	
3/27/2017					0.07 (J)
10/4/2017	<0.1	0.03 (J)	0.19 (J)		
10/5/2017				0.15 (J)	0.06 (J)
3/14/2018				0.4	
3/15/2018			0.37		<0.3
3/16/2018	<0.1	<0.3			
5/16/2018				0.32	
10/4/2018	0.16 (J)	0.17 (J)	0.19 (J)	0.28 (J)	
10/5/2018					0.18 (J)
4/8/2019		<0.3	0.17 (J)	0.1 (J)	0.058 (J)
4/9/2019	0.061 (J)				
10/1/2019	0.064 (J)	0.063 (J)	0.16 (J)	0.13 (J)	0.078 (J)
3/27/2020				0.12 (J)	0.078 (J)
3/30/2020			0.16 (J)		
3/31/2020	<0.1	0.053 (J)			
9/24/2020			0.14	0.15	0.076 (J)
9/25/2020	0.058 (J)	0.063 (J)			
3/9/2021	0.05 (J)	0.06 (J)	0.17	0.12	0.08 (J)
8/10/2021	0.057 (J)	0.057 (J)	0.19	0.13	0.076 (J)
2/4/2022	<0.1	0.058 (J)	0.14	0.12	0.076 (J)
8/8/2022		0.083 (J)			
8/9/2022	0.077 (J)			0.14	0.094 (J)
8/10/2022			0.14		
1/31/2023	0.074 (J)	0.098 (J)	0.26	0.18	0.11
8/14/2023		0.054 (J)			
8/15/2023	0.052 (J)		0.13	0.13	0.06 (J)
2/20/2024	<0.1				0.069 (J)
2/21/2024		0.051 (J)	0.14	0.11	
8/11/2024			0.18	0.11	0.071 (J)
8/12/2024	0.088 (J)	0.095 (J)			
2/11/2025	0.05 (J)				0.068 (J)
2/12/2025		0.091 (J)	0.25	0.15	
8/9/2025			0.13	0.15	0.095 (J)
8/10/2025	0.07 (J)	0.054 (J)			
2/8/2026	0.07 (J)				
2/9/2026		0.05 (J)	0.087 (J)	0.11	0.068 (J)

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

Time Series

Constituent: Fluoride (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21
3/23/2016	0.1069 (J)			0.0905 (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)
5/19/2016		0.1408 (J)			
7/6/2016	0.09 (J)		0.21 (J)		
7/7/2016		0.2 (J)		0.16 (J)	0.12 (J)
9/7/2016	0.13 (J)				
9/8/2016		0.14 (J)	0.15 (J)	0.08 (J)	0.11 (J)
10/18/2016	0.16 (J)		0.19 (J)		
10/19/2016		0.14 (J)		0.09 (J)	0.13 (J)
12/6/2016	0.12 (J)				
12/7/2016			0.24 (J)	0.11 (J)	0.23 (J)
12/8/2016		0.16 (J)			
2/2/2017	0.07 (J)	0.17 (J)	0.1 (J)		0.11 (J)
2/3/2017				0.06 (J)	
3/27/2017	0.05 (J)	0.11 (J)	0.11 (J)	0.04 (J)	0.01 (J)
10/5/2017	0.11 (J)	0.13 (J)	0.13 (J)	0.05 (J)	<0.1
3/15/2018	<0.3		<0.3		<0.1
3/16/2018		<0.3		<0.3	
10/4/2018	0.16 (J)		0.21 (J)		0.15 (J)
10/5/2018		0.21 (J)		0.17 (J)	
4/9/2019	0.067 (J)	0.1 (J)	0.1 (J)	0.056 (J)	0.063 (J)
10/1/2019	0.07 (J)	0.11 (J)	0.11 (J)	0.069 (J)	0.094 (J)
3/27/2020	<0.3				
3/30/2020		0.1 (J)			
3/31/2020			0.099 (J)	0.054 (J)	<0.1
9/23/2020				0.065 (J)	
9/24/2020		0.11			0.1
9/25/2020	0.085 (J)				
9/28/2020			0.11		
3/9/2021	0.078 (J)	0.11			0.058 (J)
3/10/2021			0.11	0.068 (J)	
8/10/2021	0.078 (J)	0.11	0.11	0.066 (J)	<0.1
2/4/2022	0.07 (J)	0.12			
2/7/2022			0.1	0.058 (J)	<0.1
8/9/2022	0.096 (J)	0.13	0.14	0.11	0.079 (J)
1/30/2023	0.096 (J)				
1/31/2023		0.15	0.14	0.094 (J)	0.062 (J)
8/14/2023	0.077 (J)				
8/15/2023		0.1	0.092 (J)	0.055 (J)	<0.1
2/19/2024	0.074 (J)				
2/20/2024		0.11	0.1	0.051 (J)	<0.1
8/11/2024	0.067 (J)			0.054 (J)	<0.1
8/12/2024		0.15	0.14		
2/11/2025	0.072 (J)		0.099 (J)	0.06 (J)	<0.1
2/12/2025		0.14			
8/9/2025	0.096 (J)				0.059 (J)
8/10/2025		0.1	0.095 (J)	0.056 (J)	
2/8/2026	0.097 (J)		0.096 (J)		
2/9/2026				0.087 (J)	<0.1
2/10/2026		0.095 (J)			

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

Time Series

Constituent: Fluoride (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-22	GWC-23
3/23/2016	0.0886 (J)	0.1064 (J)
5/18/2016	0.0839 (J)	
5/19/2016		0.0928 (J)
7/7/2016	0.08 (J)	0.13 (J)
9/8/2016	0.11 (J)	0.12 (J)
10/19/2016	0.1 (J)	0.1 (J)
12/7/2016	0.09 (J)	0.1 (J)
2/2/2017	0.05 (J)	
2/3/2017		0.12 (J)
3/27/2017	0.08 (J)	0.14 (J)
10/5/2017	0.08 (J)	0.09 (J)
3/15/2018	<0.3	<0.3
10/4/2018	0.14 (J)	
10/5/2018		0.18 (J)
4/8/2019		0.057 (J)
4/9/2019	0.063 (J)	
10/1/2019	0.079 (J)	0.079 (J)
3/26/2020		0.064 (J)
3/31/2020	0.055 (J)	
9/23/2020	0.073 (J)	0.088 (J)
3/9/2021	0.067 (J)	0.069 (J)
8/10/2021	0.071 (J)	0.087 (J)
2/7/2022	0.059 (J)	0.082 (J)
8/8/2022		0.1
8/9/2022	0.11	
1/31/2023	0.095 (J)	0.11
8/14/2023		0.075 (J)
8/15/2023	0.065 (J)	
2/20/2024	0.053 (J)	0.084 (J)
8/11/2024	0.061 (J)	
8/12/2024		0.12
2/11/2025	0.064 (J)	
2/12/2025		0.12
8/9/2025	0.085 (J)	
8/10/2025		0.075 (J)
2/9/2026	0.061 (J)	0.075 (J)

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

Time Series

Constituent: Lead (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)
3/6/2007	<0.001	<0.001	<0.001	<0.001	
3/7/2007					<0.001
5/8/2007	<0.001	<0.001	<0.001	<0.001	<0.001
7/7/2007	<0.001	<0.001			
7/17/2007			<0.001	<0.001	<0.001
8/28/2007	<0.001	<0.001	<0.001	<0.001	<0.001
11/6/2007	<0.001	<0.001	<0.001	<0.001	
11/7/2007					<0.001
5/8/2008			<0.001	<0.001	
5/9/2008	<0.001	<0.001			<0.001
12/2/2008					<0.001
12/3/2008	<0.001	<0.001	<0.001	<0.001	
4/7/2009	<0.001	<0.001	<0.001	<0.001	
4/8/2009					<0.001
10/1/2009	<0.001	<0.001			<0.001
10/2/2009			<0.001	<0.001	
4/13/2010		<0.001			
4/14/2010	<0.001		<0.001	<0.001	<0.001
10/7/2010		<0.001			
10/13/2010	<0.001				<0.001
10/14/2010			<0.001	<0.001	
4/5/2011			<0.001	<0.001	
4/6/2011	<0.001	<0.001			<0.001
10/4/2011					<0.001
10/6/2011		<0.001			
10/10/2011	<0.001				
10/12/2011			<0.001	<0.001	
4/3/2012	<0.001	<0.001			
4/4/2012			<0.001	<0.001	
4/10/2012					<0.001
9/19/2012		<0.001			
9/24/2012	<0.001			<0.001	
9/26/2012			<0.001		<0.001
3/12/2013	<0.001	<0.001	<0.001	<0.001	<0.001
9/9/2013		<0.001			
9/10/2013			<0.001	<0.001	<0.001
9/11/2013	<0.001				
3/4/2014	<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	
4/21/2015	<0.001		<0.001	<0.001	<0.001
4/22/2015		<0.001			
9/29/2015			<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
5/17/2016	<0.001	<0.001	<0.001	<0.001	<0.001
7/5/2016	<0.001	<0.001	<0.001		
7/6/2016				<0.001	<0.001
9/7/2016	<0.001	<0.001	<0.001	<0.001	<0.001
10/18/2016	<0.001	<0.001	<0.001	<0.001	<0.001
12/6/2016	<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 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)
12/7/2016		<0.001			
1/31/2017	<0.001	<0.001			
2/1/2017			<0.001	<0.001	<0.001
3/23/2017	<0.001	<0.001	<0.001		
3/24/2017				<0.001	7E-05 (J)
10/4/2017	<0.001	<0.001	<0.001	<0.001	
10/5/2017					<0.001
3/14/2018	<0.001	<0.001			
3/15/2018			<0.001	<0.001	<0.001
10/4/2018	<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
9/30/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/26/2020	<0.001	<0.001	4.7E-05 (J)	<0.001	<0.001
9/21/2020		<0.001			
9/22/2020					<0.001
9/23/2020	<0.001		<0.001	<0.001	
3/8/2021	<0.001		4E-05 (J)	<0.001	<0.001
3/9/2021		<0.001			
8/9/2021	<0.001	<0.001	<0.001	<0.001	
8/10/2021					<0.001
2/4/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/8/2022	<0.001	<0.001	<0.001	<0.001	<0.001
1/30/2023	<0.001	<0.001	<0.001	<0.001	<0.001
8/14/2023	<0.001	<0.001	<0.001	<0.001	<0.001
2/19/2024	<0.001	<0.001	<0.001	<0.001	<0.001
8/10/2024		<0.001			
8/11/2024	<0.001		<0.001	<0.001	<0.001
2/11/2025	<0.001	<0.001	<0.001	<0.001	<0.001
8/9/2025	<0.001	<0.001	<0.001	<0.001	<0.001
2/7/2026				<0.001	
2/8/2026	<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 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/7/2007	<0.001	<0.001			<0.001
5/8/2007	<0.001				<0.001
5/9/2007		<0.001	<0.001	<0.001	
7/6/2007	<0.001		<0.001	<0.001	<0.001
7/17/2007		<0.001			
8/28/2007	<0.001	<0.001	<0.001	<0.001	<0.001
11/6/2007	<0.001	<0.001	<0.001	<0.001	<0.001
3/31/2008			<0.001	<0.001	
5/8/2008	<0.001	<0.001	<0.001	<0.001	<0.001
12/2/2008			<0.001	<0.001	<0.001
12/3/2008	<0.001	<0.001			
4/7/2009	<0.001	<0.001			
4/8/2009			<0.001	<0.001	<0.001
9/30/2009				<0.001	<0.001
10/1/2009	<0.001	<0.001	<0.001		
4/13/2010		<0.001	<0.001	<0.001	<0.001
4/14/2010	<0.001				
10/6/2010		<0.001			
10/7/2010			<0.001		
10/13/2010				<0.001	<0.001
10/14/2010	<0.001				
4/5/2011	<0.001	<0.001	<0.001	<0.001	<0.001
10/4/2011		<0.001	<0.001	<0.001	<0.001
10/12/2011	<0.001				
4/3/2012		<0.001	<0.001	<0.001	
4/4/2012	<0.001				<0.001
9/18/2012		<0.001	<0.001		
9/19/2012				<0.001	<0.001
9/24/2012	<0.001				
3/12/2013	<0.001	<0.001	<0.001	<0.001	<0.001
9/9/2013		<0.001			
9/10/2013	<0.001		<0.001	<0.001	<0.001
3/5/2014	<0.001	<0.001	0.0016 (J)	<0.001	<0.001
9/3/2014					<0.001
9/8/2014		<0.001	<0.001		
9/9/2014	<0.001			<0.001	
4/21/2015	<0.001		<0.001		<0.001
4/22/2015		<0.001		<0.001	
9/29/2015	<0.001	<0.001	<0.001	<0.001	<0.001
3/23/2016	<0.001	<0.001	<0.001	<0.001	<0.001
5/17/2016	<0.001	<0.001			
5/18/2016			<0.001	<0.001	<0.001
7/6/2016	<0.001	<0.001	0.0001 (J)	<0.001	<0.001
9/7/2016	<0.001	<0.001	<0.001		
9/8/2016				<0.001	<0.001
10/18/2016	<0.001	<0.001	<0.001	<0.001	
10/19/2016					<0.001
12/8/2016	<0.001	0.0001 (J)	<0.001	0.0002 (J)	<0.001
2/1/2017	<0.001	<0.001			
2/2/2017			0.0003 (J)	<0.001	<0.001
3/23/2017	<0.001	<0.001			
3/24/2017			0.0002 (J)	<0.001	

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

Time Series

Constituent: Lead (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/27/2017					<0.001
10/4/2017	<0.001	<0.001	7E-05 (J)		
10/5/2017				<0.001	<0.001
3/14/2018				<0.001	
3/15/2018			<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
4/8/2019		<0.001	<0.001	<0.001	<0.001
4/9/2019	0.00039 (J)				
10/1/2019	6.5E-05 (J)	<0.001	5E-05 (J)	<0.001	<0.001
3/27/2020				<0.001	<0.001
3/30/2020			4.8E-05 (J)		
3/31/2020	<0.001	<0.001			
9/24/2020			6E-05 (J)	4.9E-05 (J)	<0.001
9/25/2020	<0.001	<0.001			
3/9/2021	<0.001	<0.001	8.5E-05 (J)	<0.001	<0.001
8/10/2021	<0.001	<0.001	<0.001	<0.001	<0.001
2/4/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/8/2022		<0.001			
8/9/2022	<0.001			<0.001	<0.001
8/10/2022			<0.001		
1/31/2023	<0.001	<0.001	<0.001	<0.001	<0.001
8/14/2023		<0.001			
8/15/2023	<0.001		<0.001	<0.001	<0.001
2/20/2024	<0.001				<0.001
2/21/2024		<0.001	<0.001	<0.001	
8/11/2024			<0.001	<0.001	<0.001
8/12/2024	<0.001	<0.001			
2/11/2025	<0.001				<0.001
2/12/2025		<0.001	<0.001	<0.001	
8/9/2025			<0.001	0.00029 (J)	<0.001
8/10/2025	<0.001	<0.001			
2/8/2026	<0.001				
2/9/2026		<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 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21
3/6/2007			<0.001		<0.001
3/7/2007	<0.001	<0.001		<0.001	
5/8/2007	<0.001				
5/9/2007		<0.001	<0.001	<0.001	<0.001
7/17/2007	<0.001	<0.001	<0.001	<0.001	<0.001
8/28/2007	<0.001	<0.001	<0.001		
8/29/2007				<0.001	<0.001
11/7/2007	<0.001	<0.001	<0.001	<0.001	<0.001
3/31/2008					<0.001
5/7/2008		<0.001	<0.001	<0.001	<0.001
5/9/2008	<0.001				
12/2/2008	<0.001				
12/3/2008		<0.001			
12/4/2008			<0.001		
12/5/2008				<0.001	<0.001
4/8/2009	<0.001				
4/14/2009		<0.001	<0.001	<0.001	
4/27/2009					<0.001
9/30/2009				<0.001	<0.001
10/1/2009	<0.001	<0.001			
10/2/2009			<0.001		
4/13/2010		<0.001	<0.001	<0.001	<0.001
4/14/2010	<0.001				
10/12/2010		<0.001	<0.001	<0.001	<0.001
10/13/2010	<0.001				
4/6/2011	<0.001	<0.001	<0.001		
10/4/2011	<0.001				
10/5/2011					<0.001
10/12/2011		<0.001	<0.001	<0.001	
4/5/2012		<0.001	<0.001		
4/9/2012				<0.001	
4/10/2012	<0.001				<0.001
9/19/2012		<0.001			
9/25/2012			<0.001	<0.001	
9/26/2012	<0.001				<0.001
3/12/2013	<0.001				
3/13/2013		<0.001	<0.001	<0.001	<0.001
9/10/2013	<0.001	<0.001			
9/11/2013			<0.001	<0.001	<0.001
3/4/2014	<0.001				
3/10/2014		<0.001	<0.001	<0.001	
3/11/2014					<0.001
9/3/2014	<0.001	<0.001			
9/9/2014			<0.001	<0.001	<0.001
4/21/2015	<0.001				
4/22/2015		<0.001	<0.001		
4/23/2015				<0.001	
9/30/2015	<0.001	<0.001	<0.001	<0.001	<0.001
3/23/2016	<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

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

Time Series

Constituent: Lead (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21
7/6/2016	<0.001		<0.001		
7/7/2016		<0.001		<0.001	<0.001
9/7/2016	<0.001				
9/8/2016		<0.001	<0.001	<0.001	<0.001
10/18/2016	<0.001		<0.001		
10/19/2016		<0.001		<0.001	<0.001
12/6/2016	<0.001				
12/7/2016			<0.001	<0.001	0.0001 (J)
12/8/2016		<0.001			
2/2/2017	<0.001	<0.001	<0.001		<0.001
2/3/2017				<0.001	
3/27/2017	<0.001	<0.001	<0.001	7E-05 (J)	<0.001
10/5/2017	<0.001	<0.001	0.0002 (J)	<0.001	<0.001
3/15/2018	<0.001		<0.001		<0.001
3/16/2018		<0.001		<0.001	
10/4/2018	<0.001		<0.001		<0.001
10/5/2018		<0.001		<0.001	
4/9/2019	<0.001	<0.001	<0.001	<0.001	<0.001
10/1/2019	<0.001	<0.001	<0.001	<0.001	7.5E-05 (J)
3/27/2020	5.4E-05 (J)				
3/30/2020		<0.001			
3/31/2020			6.1E-05 (J)	<0.001	<0.001
9/23/2020				<0.001	
9/24/2020		4E-05 (J)			0.00012 (J)
9/25/2020	<0.001				
9/28/2020			0.00014 (J)		
3/9/2021	<0.001	<0.001			0.00013 (J)
3/10/2021			<0.001	<0.001	
8/10/2021	<0.001	<0.001	<0.001	<0.001	<0.001
2/4/2022	<0.001	<0.001			
2/7/2022			<0.001	<0.001	<0.001
8/9/2022	<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
8/14/2023	<0.001				
8/15/2023		<0.001	<0.001	<0.001	<0.001
2/19/2024	<0.001				
2/20/2024		<0.001	<0.001	<0.001	<0.001
8/11/2024	<0.001			<0.001	<0.001
8/12/2024		<0.001	<0.001		
2/11/2025	<0.001		<0.001	<0.001	<0.001
2/12/2025		<0.001			
8/9/2025	<0.001				<0.001
8/10/2025		<0.001	<0.001	<0.001	
2/8/2026	<0.001		<0.001		
2/9/2026				<0.001	<0.001
2/10/2026		<0.001			

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

Time Series

Constituent: Lead (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-22	GWC-23
3/6/2007	<0.001	<0.001
5/9/2007	<0.001	<0.001
7/17/2007	<0.001	<0.001
8/29/2007	<0.001	<0.001
11/7/2007	<0.001	<0.001
3/31/2008		<0.001
5/7/2008	<0.001	<0.001
12/5/2008	<0.001	<0.001
4/14/2009	<0.001	<0.001
9/30/2009	<0.001	
10/1/2009		<0.001
4/13/2010	<0.001	
4/14/2010		<0.001
10/12/2010	<0.001	
10/13/2010		<0.001
4/6/2011	<0.001	<0.001
10/5/2011	<0.001	
10/12/2011		<0.001
4/9/2012	<0.001	<0.001
9/19/2012		<0.001
9/25/2012	<0.001	
3/13/2013	<0.001	<0.001
9/10/2013		<0.001
9/11/2013	<0.001	
3/11/2014	<0.001	<0.001
9/3/2014		<0.001
9/9/2014	<0.001	
4/23/2015	<0.001	<0.001
9/30/2015	<0.001	<0.001
3/23/2016	<0.001	<0.001
5/18/2016	<0.001	
5/19/2016		<0.001
7/7/2016	<0.001	<0.001
9/8/2016	<0.001	<0.001
10/19/2016	<0.001	<0.001
12/7/2016	<0.001	<0.001
2/2/2017	<0.001	
2/3/2017		<0.001
3/27/2017	<0.001	<0.001
10/5/2017	<0.001	<0.001
3/15/2018	<0.001	<0.001
10/4/2018	<0.001	
10/5/2018		0.00042 (J)
4/8/2019		0.00018 (J)
4/9/2019	<0.001	
10/1/2019	0.00012 (J)	0.00022 (J)
3/26/2020		0.00016 (J)
3/31/2020	0.00013 (J)	
9/23/2020	6.6E-05 (J)	0.00036 (J)
3/9/2021	3.8E-05 (J)	0.00011 (J)
8/10/2021	<0.001	<0.001
2/7/2022	<0.001	<0.001

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

Time Series

Constituent: Lead (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-22	GWC-23
8/8/2022		<0.001
8/9/2022	<0.001	
1/31/2023	<0.001	<0.001
8/14/2023		<0.001
8/15/2023	<0.001	
2/20/2024	<0.001	<0.001
8/11/2024	<0.001	
8/12/2024		<0.001
2/11/2025	<0.001	
2/12/2025		<0.001
8/9/2025	<0.001	
8/10/2025		<0.001
2/9/2026	<0.001	<0.001

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

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)
3/6/2007	<0.005	<0.005	<0.005	<0.005	
3/7/2007					<0.005
5/8/2007	<0.005	<0.005	<0.005	<0.005	<0.005
7/7/2007	<0.005	<0.005			
7/17/2007			<0.005	<0.005	<0.005
8/28/2007	<0.005	<0.005	<0.005	<0.005	<0.005
11/6/2007	<0.005	<0.005	<0.005	<0.005	
11/7/2007					<0.005
5/8/2008			<0.005	<0.005	
5/9/2008	<0.005	<0.005			<0.005
12/2/2008					<0.005
12/3/2008	<0.005	<0.005	<0.005	<0.005	
4/7/2009	<0.005	<0.005	<0.005	<0.005	
4/8/2009					<0.005
10/1/2009	<0.005	<0.005			<0.005
10/2/2009			<0.005	<0.005	
4/13/2010		<0.005			
4/14/2010	<0.005		<0.005	<0.005	<0.005
10/7/2010		<0.005			
10/13/2010	<0.005				<0.005
10/14/2010			<0.005	<0.005	
4/5/2011			<0.005	0.0032	
4/6/2011	<0.005	<0.005			<0.005
10/4/2011					<0.005
10/6/2011		<0.005			
10/10/2011	<0.005				
10/12/2011			<0.005	<0.005	
4/3/2012	<0.005	<0.005			
4/4/2012			<0.005	<0.005	
4/10/2012					<0.005
9/19/2012		<0.005			
9/24/2012	<0.005			0.0032	
9/26/2012			<0.005		<0.005
3/12/2013	<0.005	<0.005	<0.005	<0.005	<0.005
9/9/2013		<0.005			
9/10/2013			<0.005	<0.005	<0.005
9/11/2013	<0.005				
3/4/2014	0.001 (J)	0.0007 (J)			0.002 (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)	
4/21/2015	<0.005		<0.005	0.0016 (J)	0.002 (J)
4/22/2015		<0.005			
9/29/2015			<0.005	0.0055	0.0022 (J)
9/30/2015	<0.005	<0.005			
3/22/2016	<0.005	<0.005	<0.005	<0.005	<0.005
9/7/2016	0.0008 (J)	<0.005	<0.005	0.0014 (J)	0.0026 (J)
3/23/2017	0.0007 (J)	<0.005	0.0022 (J)		
3/24/2017				0.0017 (J)	0.0024 (J)
10/4/2017	0.0006 (J)	<0.005	<0.005	0.0023 (J)	
10/5/2017					0.0023 (J)
3/14/2018	<0.005	<0.005			

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

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)
3/15/2018			<0.005	0.0024 (J)	0.0026 (J)
10/4/2018	<0.005	<0.005	<0.005	0.0013 (J)	0.0023 (J)
4/5/2019			0.00075 (J)		
4/8/2019	0.00034 (J)	<0.005		0.00089 (J)	0.0023 (J)
9/30/2019	0.00037 (J)	<0.005	<0.005	0.0013 (J)	0.0017 (J)
3/26/2020	0.00065 (J)	<0.005	0.0011 (J)	0.00096 (J)	0.002 (J)
9/21/2020		<0.005			
9/22/2020					0.0014 (J)
9/23/2020	<0.005		<0.005	0.00091 (J)	
3/8/2021	<0.005		<0.005	<0.005	0.001 (J)
3/9/2021		<0.005			
8/9/2021	<0.005	<0.005	<0.005	0.001 (J)	
8/10/2021					0.0017 (J)
2/4/2022	<0.005	<0.005	0.0009 (J)	0.00087 (J)	0.0019 (J)
8/8/2022	<0.005	<0.005	0.00092 (J)	<0.005	0.0017 (J)
1/30/2023	<0.005	<0.005	0.00082 (J)	<0.005	0.0017 (J)
8/14/2023	<0.005	<0.005	0.0021 (J)	<0.005	0.0016 (J)
2/19/2024	<0.005	<0.005	<0.005	<0.005	0.0022 (J)
8/10/2024		<0.005			
8/11/2024	<0.005		<0.005	<0.005	<0.005
2/11/2025	<0.005	<0.005	<0.005	<0.005	0.0022 (J)
8/9/2025	<0.005	<0.005	<0.005	<0.005	0.0035 (J)
2/7/2026				0.0011 (J)	
2/8/2026	<0.005	<0.005	0.0011 (J)		0.0023 (J)

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

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/7/2007	<0.005	<0.005			<0.005
5/8/2007	<0.005				<0.005
5/9/2007		<0.005	18 (O)	<0.005	
7/6/2007	<0.005		5.9 (O)	<0.005	<0.005
7/17/2007		<0.005			
8/28/2007	<0.005	<0.005	3.9 (O)	<0.005	<0.005
11/6/2007	<0.005	<0.005	3.1 (O)	<0.005	<0.005
3/31/2008			2.2	0.016	
5/8/2008	<0.005	<0.005	2.1 (O)	<0.005	<0.005
12/2/2008			1.2	<0.005	<0.005
12/3/2008	<0.005	<0.005			
4/7/2009	<0.005	<0.005			
4/8/2009			1.1	<0.005	<0.005
9/30/2009				<0.005	<0.005
10/1/2009	<0.005	<0.005	0.88		
4/13/2010		<0.005	0.82	<0.005	<0.005
4/14/2010	<0.005				
10/6/2010		<0.005			
10/7/2010			0.72		
10/13/2010				<0.005	<0.005
10/14/2010	<0.005				
4/5/2011	<0.005	<0.005	0.52	<0.005	<0.005
10/4/2011		<0.005	0.56	<0.005	<0.005
10/12/2011	<0.005				
4/3/2012		<0.005	0.365	<0.005	
4/4/2012	<0.005				<0.005
9/18/2012		<0.005	0.45		
9/19/2012				<0.005	<0.005
9/24/2012	<0.005				
3/12/2013	<0.005	<0.005	0.13	<0.005	<0.005
9/9/2013		<0.005			
9/10/2013	<0.005		0.2	<0.005	0.003
3/5/2014	0.001 (J)	0.00092 (J)	0.17	0.00079 (J)	0.0022 (J)
9/3/2014					<0.005
9/8/2014		<0.005	0.25		
9/9/2014	<0.005			<0.005	
4/21/2015	<0.005		0.15		0.0019 (J)
4/22/2015		<0.005		<0.005	
9/29/2015	<0.005	<0.005	0.203	<0.005	0.0019 (J)
3/23/2016	<0.005	<0.005	0.0607	<0.005	<0.005
9/7/2016	<0.005	<0.005	0.141		
9/8/2016				<0.005	0.0023 (J)
3/23/2017	0.0008 (J)	<0.005			
3/24/2017			0.0313	<0.005	
3/27/2017					0.0023 (J)
10/4/2017	<0.005	<0.005	0.093		
10/5/2017				<0.005	0.0024 (J)
3/14/2018				<0.005	
3/15/2018			0.057		0.0023 (J)
3/16/2018	<0.005	<0.005			
10/4/2018	<0.005	<0.005	0.11	<0.005	
10/5/2018					0.0025 (J)

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

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
4/8/2019		0.00032 (J)	0.03	0.00064 (J)	0.0021 (J)
4/9/2019	0.00098 (J)				
10/1/2019	0.00088 (J)	0.00042 (J)	0.07	0.00063 (J)	0.0022 (J)
3/27/2020				0.00053 (J)	0.0022 (J)
3/30/2020			0.037		
3/31/2020	0.0013 (J)	<0.005			
9/24/2020			0.042	0.001	0.0024
9/25/2020	0.00078 (J)	<0.005			
3/9/2021	<0.005	<0.005	0.035	<0.005	0.0014 (J)
8/10/2021	0.00085 (J)	<0.005	0.057	0.0073	0.0019 (J)
9/28/2021				0.0009 (J)	
2/4/2022	<0.005	<0.005	0.039	<0.005	0.0018 (J)
8/8/2022		<0.005			
8/9/2022	<0.005			<0.005	0.0018 (J)
8/10/2022			0.061		
1/31/2023	<0.005	<0.005	0.11	<0.005	0.002 (J)
8/14/2023		<0.005			
8/15/2023	<0.005		0.095	<0.005	0.0017 (J)
2/20/2024	<0.005				<0.005
2/21/2024		<0.005	0.13	<0.005	
8/11/2024			0.095	<0.005	<0.005
8/12/2024	<0.005	<0.005			
2/11/2025	<0.005				0.0025 (J)
2/12/2025		<0.005	0.14	<0.005	
8/9/2025			0.1	<0.005	0.0022 (J)
8/10/2025	<0.005	<0.005			
2/8/2026	0.00098 (J)				
2/9/2026		<0.005	0.12	<0.005	0.0024 (J)

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

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21
3/6/2007			<0.005		<0.005
3/7/2007	<0.005	<0.005		<0.005	
5/8/2007	<0.005				
5/9/2007		<0.005	<0.005	<0.005	<0.005
7/17/2007	<0.005	<0.005	<0.005	<0.005	<0.005
8/28/2007	<0.005	<0.005	<0.005		
8/29/2007				<0.005	0.0055
11/7/2007	<0.005	<0.005	<0.005	<0.005	0.0044
3/31/2008					0.0043
5/7/2008		<0.005	<0.005	<0.005	0.0047
5/9/2008	<0.005				
12/2/2008	<0.005				
12/3/2008		<0.005			
12/4/2008			<0.005		
12/5/2008				<0.005	<0.005
4/8/2009	<0.005				
4/14/2009		<0.005	<0.005	<0.005	
4/27/2009					0.0027
9/30/2009				<0.005	0.0051
10/1/2009	<0.005	<0.005			
10/2/2009			<0.005		
4/13/2010		<0.005	<0.005	<0.005	0.0031
4/14/2010	<0.005				
10/12/2010		<0.005	<0.005	<0.005	<0.005
10/13/2010	<0.005				
4/6/2011	<0.005	<0.005	<0.005		
10/4/2011	<0.005				
10/5/2011					0.0032
10/12/2011		<0.005	<0.005	<0.005	
4/5/2012		<0.005	<0.005		
4/9/2012				<0.005	
4/10/2012	<0.005				<0.005
9/19/2012		<0.005			
9/25/2012			<0.005	<0.005	
9/26/2012	<0.005				0.0063
3/12/2013	<0.005				
3/13/2013		<0.005	<0.005	<0.005	0.0029
9/10/2013	<0.005	<0.005			
9/11/2013			<0.005	<0.005	0.0046
3/4/2014	<0.005				
3/10/2014		0.0013 (J)	0.00072 (J)	0.00074 (J)	
3/11/2014					0.002 (J)
9/3/2014	<0.005	<0.005			
9/9/2014			<0.005	<0.005	0.0029
4/21/2015	<0.005				
4/22/2015		<0.005	<0.005		
4/23/2015				<0.005	
9/30/2015	<0.005	<0.005	<0.005	<0.005	0.0025 (J)
3/23/2016	<0.005			<0.005	
3/24/2016		<0.005	<0.005		0.00317 (J)
9/7/2016	<0.005				
9/8/2016		0.0009 (J)	<0.005	<0.005	0.0038 (J)

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

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21
3/27/2017	<0.005	0.0006 (J)	0.0062 (J)	0.0006 (J)	0.0024 (J)
10/5/2017	<0.005	0.0008 (J)	0.0005 (J)	<0.005	0.0104
3/15/2018	<0.005		<0.005		0.0026 (J)
3/16/2018		<0.005		<0.005	
10/4/2018	<0.005		<0.005		0.012
10/5/2018		<0.005		<0.005	
12/11/2018					0.0052 (J)
4/9/2019	<0.005	<0.005	<0.005	<0.005	0.0048 (J)
10/1/2019	<0.005	0.0015 (J)	<0.005	<0.005	0.0031 (J)
3/27/2020	0.0023 (J)				
3/30/2020		0.00048 (J)			
3/31/2020			<0.005	<0.005	0.0039 (J)
9/23/2020				<0.005	
9/24/2020		0.0011 (JB)			0.0068 (B)
9/25/2020	<0.005				
9/28/2020			<0.005		
3/9/2021	<0.005	<0.005			0.0013 (J)
3/10/2021			<0.005	<0.005	
8/10/2021	<0.005	<0.005	<0.005	<0.005	0.0076
2/4/2022	<0.005	0.00078 (J)			
2/7/2022			<0.005	<0.005	0.0055
8/9/2022	<0.005	0.00074 (J)	<0.005	<0.005	0.0053
1/30/2023	<0.005				
1/31/2023		<0.005	<0.005	<0.005	0.005 (J)
8/14/2023	<0.005				
8/15/2023		<0.005	<0.005	<0.005	0.0054
2/19/2024	<0.005				
2/20/2024		<0.005	<0.005	<0.005	0.0053
8/11/2024	<0.005			<0.005	0.005
8/12/2024		<0.005	<0.005		
2/11/2025	<0.005		<0.005	<0.005	0.0052
2/12/2025		<0.005			
8/9/2025	<0.005				0.0064
8/10/2025		<0.005	<0.005	<0.005	
2/8/2026	<0.005		<0.005		
2/9/2026				<0.005	0.0045 (J)
2/10/2026		<0.005			

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

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-22	GWC-23
3/6/2007	<0.005	<0.005
5/9/2007	<0.005	<0.005
7/17/2007	<0.005	<0.005
8/29/2007	<0.005	<0.005
11/7/2007	<0.005	<0.005
3/31/2008		<0.005
5/7/2008	<0.005	<0.005
12/5/2008	<0.005	<0.005
4/14/2009	<0.005	<0.005
9/30/2009	<0.005	
10/1/2009		<0.005
4/13/2010	<0.005	
4/14/2010		<0.005
10/12/2010	<0.005	
10/13/2010		<0.005
4/6/2011	<0.005	<0.005
10/5/2011	<0.005	
10/12/2011		<0.005
4/9/2012	<0.005	<0.005
9/19/2012		<0.005
9/25/2012	<0.005	
3/13/2013	<0.005	<0.005
9/10/2013		<0.005
9/11/2013	<0.005	
3/11/2014	0.00059 (J)	0.0016 (J)
9/3/2014		<0.005
9/9/2014	<0.005	
4/23/2015	<0.005	<0.005
9/30/2015	<0.005	<0.005
3/23/2016	<0.005	<0.005
9/8/2016	<0.005	0.0011 (J)
3/27/2017	<0.005	0.0007 (J)
10/5/2017	<0.005	<0.005
3/15/2018	<0.005	0.001 (J)
10/4/2018	<0.005	
10/5/2018		0.0014 (J)
4/8/2019		0.0011 (J)
4/9/2019	<0.005	
10/1/2019	<0.005	0.0035 (J)
3/26/2020		0.001 (J)
3/31/2020	<0.005	
9/23/2020	<0.005	0.00079 (J)
3/9/2021	<0.005	<0.005
8/10/2021	<0.005	0.0008 (J)
2/7/2022	<0.005	0.00084 (J)
8/8/2022		<0.005
8/9/2022	<0.005	
1/31/2023	<0.005	<0.005
8/14/2023		<0.005
8/15/2023	<0.005	
2/20/2024	<0.005	<0.005
8/11/2024	<0.005	

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

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-22	GWC-23
8/12/2024		<0.005
2/11/2025	<0.005	
2/12/2025		<0.005
8/9/2025	<0.005	
8/10/2025		<0.005
2/9/2026	<0.005	<0.005

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

Time Series

Constituent: pH, Field (SU) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)
3/22/2016	7.07	7.19	7.11	7.14	7
5/17/2016	7	6.94	6.95	6.67	6.77
7/5/2016	6.88	6.98	6.55		
7/6/2016				6.53	6.64
9/7/2016	7.24	6.86	6.81	6.72	6.83
10/18/2016	6.86	6.71	6.64	6.73	6.58
12/6/2016	6.98		6.34	6.61	6.66
12/7/2016		6.71			
1/31/2017	6.63	6.95			
2/1/2017			6.68	6.7	6.5
3/23/2017	7.12	7.04	6.8		
3/24/2017				6.77	6.72
10/4/2017	6.83	6.86	6.64	6.52	
10/5/2017					6.69
3/14/2018	6.66	6.76			
3/15/2018			6.88	7.11	6.48
10/4/2018	6.92	6.62	6.62	6.72	6.66
4/5/2019			6.77		
4/8/2019	6.86	6.79		6.82	6.61
9/30/2019	7.15	6.86	6.73	6.77	6.86
3/26/2020	7.02	7.07	6.87	6.74	6.83
9/22/2020		6.9			6.8
9/23/2020	6.98		6.87	6.81	
3/8/2021	6.86		6.95	6.84	6.78
3/9/2021		6.93			
8/9/2021	7.23	6.9	6.89	6.76	
8/10/2021					6.84
2/4/2022	7.18	6.98	6.75	7.11	6.92
8/8/2022	7.28	7.03	6.59	6.73	6.55
1/30/2023	7.22	7.05	6.82	6.94	7
8/14/2023	7.22	6.91	6.54	6.74	6.99
2/19/2024	7.11	6.84	6.74	6.95	6.94
8/10/2024		6.76			
8/11/2024	7.27		6.83	6.77	7.01
2/11/2025	6.89	6.76	6.76	6.98	6.84
8/9/2025	7.14	6.78	6.66	6.78	6.86
2/7/2026				6.76	
2/8/2026	7.28	6.98	6.87		6.97

Time Series

Constituent: pH, Field (SU) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/23/2016	7.1	7.29	6.36	7.46	7.2
5/17/2016	6.88	7.1			
5/18/2016			6.21	7.4	6.96
5/19/2016				7.67	7.2
7/6/2016	6.75	7	5.88	7.36	6.89
9/7/2016	6.95	7.07	5.77		
9/8/2016				7.45	6.93
10/18/2016	6.9	6.81	5.9	7.5	
10/19/2016					6.84
12/8/2016	6.55	6.85	5.73	7.28	6.54
12/9/2016			5.73		
2/1/2017	6.81	7.05			
2/2/2017			6.29	7.45	6.72
3/23/2017	6.8	6.97			
3/24/2017			6.32	7.28	
3/27/2017					6.56
10/4/2017	7.12	7.17	6.03		
10/5/2017				7.53	7.03
12/14/2017		6.49		7.39	
1/18/2018		7.08		7.45	
3/14/2018				7.28	
3/15/2018			6.05		6.66
3/16/2018	6.72	6.8			
5/16/2018		7.07	5.88	7.3	
10/4/2018	6.52	6.93	5.92	7.22	
10/5/2018					6.41
12/11/2018		6.94		7.4	7.03
1/11/2019				7.07	
4/8/2019		7	6.26	6.91	6.72
4/9/2019	6.72				
6/18/2019				6.85	
6/19/2019		7.03			
6/27/2019				7.05	
10/1/2019	6.81	6.97	6.09	7.11	6.77
11/6/2019			6.18		
3/27/2020				7.01	7.11
3/30/2020			6.48		
3/31/2020	6.82	7.17			
6/18/2020		6.96			
6/19/2020			6.45	6.81	
9/24/2020			6.32	6.96	6.75
9/25/2020	6.82	6.96			
3/9/2021	6.93	7.09	6.59	7.06	6.92
8/10/2021	6.87	7.06	6.29	6.65	6.91
9/28/2021				6.77	
2/4/2022	6.92	7.21	6.7	7.07	7.1
8/8/2022		6.9			
8/9/2022	6.89			7.08	7
8/10/2022			6.25		
1/31/2023	6.96	7.24	5.84	7.09	6.74
8/14/2023		7.68			
8/15/2023	6.85		5.94	7.34	7.09

Time Series

Constituent: pH, Field (SU) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
11/7/2023		7.15			
2/20/2024	7.1				7.1
2/21/2024		7.3	5.74	7.48	
8/11/2024			5.93	7.42	7.05
8/12/2024	7.11	7.36			
2/11/2025	6.9				6.89
2/12/2025		7.15	5.76	7.09	
8/9/2025			5.79	7.01	6.71
8/10/2025	6.98	7.17			
2/8/2026	6.94				
2/9/2026		7.34	5.68	7.4	7.18

Time Series

Constituent: pH, Field (SU) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21
3/23/2016	7.56			7.55	
3/24/2016		7.71	7.69		6.4
5/17/2016	7.46				
5/18/2016		7.59	7.49	7.32	6.44
5/19/2016		7.53			
7/6/2016	7.24		7.39		
7/7/2016		7.55		7.39	6.12
9/7/2016	7.4				
9/8/2016		7.54	7.57	7.34	7.2
10/18/2016	7.11		7.35		
10/19/2016		7.66		7.35	7.11
12/6/2016	7.32				
12/7/2016			7.42	7.35	7.24
12/8/2016		7.47			
2/2/2017	7.19	7.64	7.43		6.86
2/3/2017				7.37	
3/27/2017	7.48	7.59	7.53	7.26	6.51
10/5/2017	7.13	7.65	7.36	7.2	5.97
12/14/2017				6.78	
3/15/2018	7.08		7.54		7.01
3/16/2018		7.51		7.13	
5/15/2018	7.41		7.44	7.18	6.18
5/16/2018		7.54			
10/4/2018	7.26		7.44		6.33
10/5/2018		7.57		7.07	
12/11/2018	7.19			7.16	6.65
1/11/2019	7.11				
4/9/2019	7.22	7.48	7.4	7.26	6.46
6/18/2019				7.35	
6/27/2019				7.31	
10/1/2019	7.07	7.65	7.31	7.16	6.9
11/6/2019				7.44	6.84
11/26/2019					6.39
3/27/2020	6.82				
3/30/2020		7.65			
3/31/2020			7.62	7.57	6.33
6/19/2020	7.4		7.61	7.31	
9/23/2020				7.11	
9/24/2020		7.62			7.12
9/25/2020	7.28				
9/28/2020			7.78		
11/10/2020			7.37		
3/9/2021	7.43	7.66			7.04
3/10/2021			7.49	7.42	
8/10/2021	7.45	7.39	7.49	7.31	6.05
2/4/2022	7.51	7.73			
2/7/2022			7.61	7.57	6.58
8/9/2022	7.36	7.47	7.42	7.33	6.05
1/30/2023	7.6				
1/31/2023		7.56	7.65	7.44	6.23
8/14/2023	7.48				
8/15/2023		7.63	7.61	7.54	6.17

Time Series

Constituent: pH, Field (SU) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21
2/19/2024	7.48				
2/20/2024		7.64	7.51	7.58	6.46
8/11/2024	7.48			7.31	6.22
8/12/2024		7.75	7.61		
12/3/2024					6.19
2/11/2025	7.47		7.5	7.28	6.4
2/12/2025		7.73			
8/9/2025	7.5				6.14
8/10/2025		7.71	7.59	7.47	
2/8/2026	7.59		7.6		
2/9/2026				7.59	6.55
2/10/2026		7.81			
5/1/2026		7.68 (R)			

Time Series

Constituent: pH, Field (SU) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-22	GWC-23
3/23/2016	7.72	7.48
5/18/2016	7.77	
5/19/2016		7.24
7/7/2016	7.65	7.18
9/8/2016	7.89	7.17
10/19/2016	7.64	7.05
12/7/2016	7.72	7.16
2/2/2017	7.56	
2/3/2017		7.27
3/27/2017	7.69	7.24
10/5/2017	7.53	7.25
3/15/2018	7.5	7.05
5/15/2018	7.52	
10/4/2018	7.52	
10/5/2018		6.97
4/8/2019		6.88
4/9/2019	7.49	
10/1/2019	7.38	7
11/6/2019	7.66	
3/26/2020		6.88
3/31/2020	7.8	
9/23/2020	7.42	6.96
3/9/2021	7.52	6.81
8/10/2021	7.75	6.96
2/7/2022	7.85	7.05
8/8/2022		7.04
8/9/2022	7.62	
1/31/2023	7.67	7.03
8/14/2023		7.21
8/15/2023	7.68	
2/20/2024	7.61	7.11
8/11/2024	7.37	
8/12/2024		7.31
2/11/2025	7.58	
2/12/2025		7.24
8/9/2025	7.66	
8/10/2025		7.17
2/9/2026	7.9	7.25

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)
3/6/2007	<0.005	<0.005	<0.005	<0.005	
3/7/2007					<0.005
5/8/2007	<0.005	<0.005	<0.005	<0.005	<0.005
7/7/2007	<0.005	<0.005			
7/17/2007			<0.005	<0.005	<0.005
8/28/2007	<0.005	<0.005	<0.005	<0.005	<0.005
11/6/2007	<0.005	<0.005	<0.005	<0.005	
11/7/2007					<0.005
5/8/2008			<0.005	<0.005	
5/9/2008	<0.005	<0.005			<0.005
12/2/2008					<0.005
12/3/2008	<0.005	<0.005	<0.005	<0.005	
4/7/2009	<0.005	<0.005	<0.005	<0.005	
4/8/2009					<0.005
10/1/2009	<0.005	<0.005			<0.005
10/2/2009			<0.005	<0.005	
4/13/2010		<0.005			
4/14/2010	<0.005		<0.005	<0.005	<0.005
10/7/2010		<0.005			
10/13/2010	<0.005				<0.005
10/14/2010			<0.005	<0.005	
4/5/2011			<0.005	<0.005	
4/6/2011	<0.005	<0.005			<0.005
10/4/2011					<0.005
10/6/2011		<0.005			
10/10/2011	<0.005				
10/12/2011			<0.005	<0.005	
4/3/2012	<0.005	<0.005			
4/4/2012			<0.005	<0.005	
4/10/2012					<0.005
9/19/2012		<0.005			
9/24/2012	<0.005			<0.005	
9/26/2012			<0.005		<0.005
3/12/2013	<0.005	<0.005	<0.005	<0.005	<0.005
9/9/2013		<0.005			
9/10/2013			<0.005	<0.005	<0.005
9/11/2013	<0.005				
3/4/2014	<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	
4/21/2015	<0.005		<0.005	<0.005	<0.005
4/22/2015		<0.005			
9/29/2015			<0.005	<0.005	<0.005
9/30/2015	<0.005	<0.005			
3/22/2016	<0.005	<0.005	<0.005	<0.005	<0.005
5/17/2016	<0.005	<0.005	<0.005	<0.005	<0.005
7/5/2016	<0.005	<0.005	<0.005		
7/6/2016				<0.005	<0.005
9/7/2016	<0.005	<0.005	<0.005	<0.005	<0.005
10/18/2016	<0.005	<0.005	<0.005	<0.005	<0.005
12/6/2016	<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 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)
12/7/2016		<0.005			
1/31/2017	<0.005	<0.005			
2/1/2017			<0.005	<0.005	<0.005
3/23/2017	<0.005	<0.005	<0.005		
3/24/2017				<0.005	<0.005
10/4/2017	<0.005	<0.005	<0.005	<0.005	
10/5/2017					<0.005
3/14/2018	<0.005	<0.005			
3/15/2018			<0.005	<0.005	<0.005
10/4/2018	<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
9/30/2019	<0.005	<0.005	<0.005	<0.005	<0.005
3/26/2020	<0.005	<0.005	<0.005	<0.005	<0.005
9/21/2020		<0.005			
9/22/2020					<0.005
9/23/2020	<0.005		<0.005	<0.005	
3/8/2021	<0.005		<0.005	<0.005	<0.005
3/9/2021		<0.005			
8/9/2021	<0.005	<0.005	<0.005	<0.005	
8/10/2021					<0.005
2/4/2022	<0.005	<0.005	<0.005	<0.005	<0.005
8/8/2022	<0.005	<0.005	<0.005	<0.005	<0.005
1/30/2023	<0.005	<0.005	<0.005	<0.005	<0.005
8/14/2023	<0.005	<0.005	<0.005	<0.005	<0.005
2/19/2024	<0.005	<0.005	<0.005	<0.005	<0.005
8/10/2024		<0.005			
8/11/2024	<0.005		<0.005	<0.005	<0.005
2/11/2025	<0.005	<0.005	<0.005	<0.005	<0.005
8/9/2025	<0.005	<0.005	<0.005	<0.005	<0.005
2/7/2026				<0.005	
2/8/2026	<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 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/7/2007	<0.005	<0.005			<0.005
5/8/2007	<0.005				<0.005
5/9/2007		<0.005	<0.005	<0.005	
7/6/2007	<0.005		<0.005	<0.005	<0.005
7/17/2007		<0.005			
8/28/2007	<0.005	<0.005	<0.005	<0.005	<0.005
11/6/2007	<0.005	<0.005	<0.005	<0.005	<0.005
3/31/2008			<0.005	<0.005	
5/8/2008	<0.005	<0.005	<0.005	<0.005	<0.005
12/2/2008			<0.005	<0.005	<0.005
12/3/2008	<0.005	<0.005			
4/7/2009	<0.005	<0.005			
4/8/2009			<0.005	<0.005	<0.005
9/30/2009				<0.005	<0.005
10/1/2009	<0.005	<0.005	<0.005		
4/13/2010		<0.005	<0.005	<0.005	<0.005
4/14/2010	<0.005				
10/6/2010		<0.005			
10/7/2010			<0.005		
10/13/2010				<0.005	<0.005
10/14/2010	<0.005				
4/5/2011	<0.005	<0.005	<0.005	<0.005	<0.005
10/4/2011		<0.005	<0.005	<0.005	<0.005
10/12/2011	<0.005				
4/3/2012		<0.005	<0.005	<0.005	
4/4/2012	<0.005				<0.005
9/18/2012		<0.005	<0.005		
9/19/2012				<0.005	<0.005
9/24/2012	<0.005				
3/12/2013	<0.005	<0.005	<0.005	<0.005	<0.005
9/9/2013		<0.005			
9/10/2013	<0.005		<0.005	<0.005	<0.005
3/5/2014	<0.005	<0.005	<0.005	<0.005	0.0018 (J)
9/3/2014					<0.005
9/8/2014		<0.005	<0.005		
9/9/2014	<0.005			<0.005	
4/21/2015	<0.005		<0.005		<0.005
4/22/2015		<0.005		<0.005	
9/29/2015	<0.005	<0.005	<0.005	<0.005	<0.005
3/23/2016	<0.005	<0.005	<0.005	<0.005	<0.005
5/17/2016	<0.005	<0.005			
5/18/2016			<0.005	<0.005	<0.005
7/6/2016	<0.005	<0.005	<0.005	<0.005	<0.005
9/7/2016	<0.005	<0.005	<0.005		
9/8/2016				<0.005	<0.005
10/18/2016	<0.005	<0.005	<0.005	<0.005	
10/19/2016					<0.005
12/8/2016	<0.005	<0.005	<0.005	<0.005	<0.005
2/1/2017	<0.005	<0.005			
2/2/2017			<0.005	<0.005	<0.005
3/23/2017	<0.005	<0.005			
3/24/2017			<0.005	<0.005	

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

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/27/2017					<0.005
10/4/2017	<0.005	<0.005	<0.005		
10/5/2017				<0.005	<0.005
3/14/2018				<0.005	
3/15/2018			<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
4/8/2019		<0.005	<0.005	<0.005	<0.005
4/9/2019	<0.005				
10/1/2019	<0.005	<0.005	<0.005	<0.005	<0.005
3/27/2020				<0.005	<0.005
3/30/2020			<0.005		
3/31/2020	<0.005	<0.005			
9/24/2020			<0.005	<0.005	<0.005
9/25/2020	<0.005	<0.005			
3/9/2021	<0.005	<0.005	<0.005	<0.005	<0.005
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
8/8/2022		<0.005			
8/9/2022	<0.005			<0.005	<0.005
8/10/2022			<0.005		
1/31/2023	<0.005	<0.005	<0.005	<0.005	<0.005
8/14/2023		<0.005			
8/15/2023	<0.005		<0.005	<0.005	<0.005
2/20/2024	<0.005				<0.005
2/21/2024		<0.005	<0.005	<0.005	
8/11/2024			<0.005	<0.005	<0.005
8/12/2024	<0.005	<0.005			
2/11/2025	<0.005				<0.005
2/12/2025		<0.005	<0.005	<0.005	
8/9/2025			<0.005	<0.005	<0.005
8/10/2025	<0.005	<0.005			
2/8/2026	<0.005				
2/9/2026		<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 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21
3/6/2007			<0.005		<0.005
3/7/2007	<0.005	<0.005		<0.005	
5/8/2007	<0.005				
5/9/2007		<0.005	<0.005	<0.005	<0.005
7/17/2007	<0.005	<0.005	<0.005	<0.005	<0.005
8/28/2007	<0.005	<0.005	<0.005		
8/29/2007				<0.005	<0.005
11/7/2007	<0.005	<0.005	<0.005	<0.005	<0.005
3/31/2008					<0.005
5/7/2008		<0.005	<0.005	<0.005	<0.005
5/9/2008	<0.005				
12/2/2008	<0.005				
12/3/2008		<0.005			
12/4/2008			<0.005		
12/5/2008				<0.005	<0.005
4/8/2009	<0.005				
4/14/2009		<0.005	<0.005	<0.005	
4/27/2009					<0.005
9/30/2009				<0.005	<0.005
10/1/2009	<0.005	<0.005			
10/2/2009			<0.005		
4/13/2010		<0.005	<0.005	<0.005	<0.005
4/14/2010	<0.005				
10/12/2010		<0.005	<0.005	<0.005	<0.005
10/13/2010	<0.005				
4/6/2011	<0.005	<0.005	<0.005		
10/4/2011	<0.005				
10/5/2011					<0.005
10/12/2011		<0.005	<0.005	<0.005	
4/5/2012		<0.005	<0.005		
4/9/2012				<0.005	
4/10/2012	<0.005				<0.005
9/19/2012		<0.005			
9/25/2012			<0.005	<0.005	
9/26/2012	<0.005				<0.005
3/12/2013	<0.005				
3/13/2013		<0.005	<0.005	<0.005	<0.005
9/10/2013	<0.005	<0.005			
9/11/2013			<0.005	<0.005	<0.005
3/4/2014	0.0016 (J)				
3/10/2014		<0.005	<0.005	<0.005	
3/11/2014					0.0024 (J)
9/3/2014	<0.005	<0.005			
9/9/2014			<0.005	<0.005	<0.005
4/21/2015	<0.005				
4/22/2015		<0.005	<0.005		
4/23/2015				<0.005	
9/30/2015	<0.005	<0.005	<0.005	<0.005	<0.005
3/23/2016	<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

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

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21
7/6/2016	<0.005		<0.005		
7/7/2016		<0.005		<0.005	<0.005
9/7/2016	<0.005				
9/8/2016		<0.005	<0.005	<0.005	<0.005
10/18/2016	<0.005		<0.005		
10/19/2016		<0.005		<0.005	<0.005
12/6/2016	<0.005				
12/7/2016			<0.005	<0.005	<0.005
12/8/2016		<0.005			
2/2/2017	<0.005	<0.005	<0.005		0.0017 (J)
2/3/2017				<0.005	
3/27/2017	<0.005	<0.005	<0.005	<0.005	<0.005
10/5/2017	<0.005	<0.005	<0.005	<0.005	<0.005
3/15/2018	<0.005		<0.005		<0.005
3/16/2018		<0.005		<0.005	
10/4/2018	<0.005		<0.005		<0.005
10/5/2018		<0.005		<0.005	
4/9/2019	<0.005	<0.005	<0.005	<0.005	<0.005
10/1/2019	<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	<0.005
9/23/2020				<0.005	
9/24/2020		<0.005			<0.005
9/25/2020	<0.005				
9/28/2020			<0.005		
3/9/2021	<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
2/4/2022	<0.005	<0.005			
2/7/2022			<0.005	<0.005	<0.005
8/9/2022	<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
8/14/2023	<0.005				
8/15/2023		<0.005	<0.005	<0.005	<0.005
2/19/2024	<0.005				
2/20/2024		<0.005	<0.005	<0.005	<0.005
8/11/2024	<0.005			<0.005	<0.005
8/12/2024		<0.005	<0.005		
2/11/2025	<0.005		<0.005	<0.005	<0.005
2/12/2025		<0.005			
8/9/2025	<0.005				<0.005
8/10/2025		<0.005	<0.005	<0.005	
2/8/2026	<0.005		<0.005		
2/9/2026				<0.005	<0.005
2/10/2026		<0.005			

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

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-22	GWC-23
3/6/2007	<0.005	<0.005
5/9/2007	<0.005	<0.005
7/17/2007	<0.005	<0.005
8/29/2007	<0.005	<0.005
11/7/2007	<0.005	<0.005
3/31/2008		<0.005
5/7/2008	<0.005	<0.005
12/5/2008	<0.005	<0.005
4/14/2009	<0.005	<0.005
9/30/2009	<0.005	
10/1/2009		<0.005
4/13/2010	<0.005	
4/14/2010		<0.005
10/12/2010	<0.005	
10/13/2010		<0.005
4/6/2011	<0.005	<0.005
10/5/2011	<0.005	
10/12/2011		<0.005
4/9/2012	<0.005	<0.005
9/19/2012		<0.005
9/25/2012	<0.005	
3/13/2013	<0.005	<0.005
9/10/2013		<0.005
9/11/2013	<0.005	
3/11/2014	0.0017 (J)	<0.005
9/3/2014		<0.005
9/9/2014	<0.005	
4/23/2015	<0.005	<0.005
9/30/2015	<0.005	<0.005
3/23/2016	<0.005	<0.005
5/18/2016	<0.005	
5/19/2016		<0.005
7/7/2016	<0.005	<0.005
9/8/2016	<0.005	<0.005
10/19/2016	<0.005	<0.005
12/7/2016	<0.005	<0.005
2/2/2017	<0.005	
2/3/2017		<0.005
3/27/2017	<0.005	<0.005
10/5/2017	<0.005	<0.005
3/15/2018	<0.005	<0.005
10/4/2018	<0.005	
10/5/2018		<0.005
4/8/2019		<0.005
4/9/2019	<0.005	
10/1/2019	0.0014 (J)	<0.005
3/26/2020		<0.005
3/31/2020	<0.005	
9/23/2020	<0.005	<0.005
3/9/2021	<0.005	<0.005
8/10/2021	<0.005	<0.005
2/7/2022	<0.005	<0.005

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

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-22	GWC-23
8/8/2022		<0.005
8/9/2022	<0.005	
1/31/2023	<0.005	<0.005
8/14/2023		<0.005
8/15/2023	<0.005	
2/20/2024	<0.005	<0.005
8/11/2024	<0.005	
8/12/2024		<0.005
2/11/2025	<0.005	
2/12/2025		<0.005
8/9/2025	<0.005	
8/10/2025		<0.005
2/9/2026	<0.005	<0.005

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

Time Series

Constituent: Silver (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)
3/6/2007	<0.001	<0.001	<0.001	<0.001	
3/7/2007					<0.001
5/8/2007	<0.001	<0.001	<0.001	<0.001	<0.001
7/7/2007	<0.001	<0.001			
7/17/2007			<0.001	<0.001	<0.001
8/28/2007	<0.001	<0.001	<0.001	<0.001	<0.001
11/6/2007	<0.001	<0.001	<0.001	<0.001	
11/7/2007					<0.001
5/8/2008			<0.001	<0.001	
5/9/2008	<0.001	<0.001			<0.001
12/2/2008					<0.001
12/3/2008	<0.001	<0.001	<0.001	<0.001	
4/7/2009	<0.001	<0.001	<0.001	<0.001	
4/8/2009					<0.001
10/1/2009	<0.001	<0.001			<0.001
10/2/2009			<0.001	<0.001	
4/13/2010		<0.001			
4/14/2010	<0.001		<0.001	<0.001	<0.001
10/7/2010		<0.001			
10/13/2010	<0.001				<0.001
10/14/2010			<0.001	<0.001	
4/5/2011			<0.001	<0.001	
4/6/2011	<0.001	<0.001			<0.001
10/4/2011					<0.001
10/6/2011		<0.001			
10/10/2011	<0.001				
10/12/2011			<0.001	<0.001	
4/3/2012	<0.001	<0.001			
4/4/2012			<0.001	<0.001	
4/10/2012					<0.001
9/19/2012		<0.001			
9/24/2012	<0.001			<0.001	
9/26/2012			<0.001		<0.001
3/12/2013	<0.001	<0.001	<0.001	<0.001	<0.001
9/9/2013		<0.001			
9/10/2013			<0.001	<0.001	<0.001
9/11/2013	<0.001				
3/4/2014	<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	
4/21/2015	<0.001		<0.001	<0.001	<0.001
4/22/2015		<0.001			
9/29/2015			<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
9/7/2016	<0.001	<0.001	<0.001	<0.001	<0.001
3/23/2017	<0.001	<0.001	<0.001		
3/24/2017				<0.001	<0.001
10/4/2017	<0.001	<0.001	<0.001	<0.001	
10/5/2017					<0.001
3/14/2018	<0.001	<0.001			

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

Time Series

Constituent: Silver (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)
3/15/2018			<0.001	<0.001	<0.001
10/4/2018	<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
9/30/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/26/2020	<0.001	<0.001	<0.001	<0.001	<0.001
9/21/2020		<0.001			
9/22/2020					<0.001
9/23/2020	<0.001		<0.001	<0.001	
3/8/2021	<0.001		<0.001	<0.001	<0.001
3/9/2021		<0.001			
8/9/2021	<0.001	<0.001	<0.001	<0.001	
8/10/2021					<0.001
2/4/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/8/2022	<0.001	<0.001	<0.001	<0.001	<0.001
1/30/2023	<0.001	<0.001	<0.001	<0.001	<0.001
8/14/2023	<0.001	<0.001	<0.001	<0.001	<0.001
2/19/2024	<0.001	<0.001	<0.001	<0.001	<0.001
8/10/2024		<0.001			
8/11/2024	<0.001		<0.001	<0.001	<0.001
2/11/2025	<0.001	<0.001	<0.001	<0.001	<0.001
8/9/2025	<0.001	<0.001	<0.001	<0.001	<0.001
2/7/2026				<0.001	
2/8/2026	<0.001	<0.001	<0.001		<0.001

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

Time Series

Constituent: Silver (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/7/2007	<0.001	<0.001			<0.001
5/8/2007	<0.001				<0.001
5/9/2007		<0.001	<0.001	<0.001	
7/6/2007	<0.001		<0.001	<0.001	<0.001
7/17/2007		<0.001			
8/28/2007	<0.001	<0.001	<0.001	<0.001	<0.001
11/6/2007	<0.001	<0.001	<0.001	<0.001	<0.001
3/31/2008			<0.001	<0.001	
5/8/2008	<0.001	<0.001	<0.001	<0.001	<0.001
12/2/2008			<0.001	<0.001	<0.001
12/3/2008	<0.001	<0.001			
4/7/2009	<0.001	<0.001			
4/8/2009			<0.001	<0.001	<0.001
9/30/2009				<0.001	<0.001
10/1/2009	<0.001	<0.001	<0.001		
4/13/2010		<0.001	<0.001	<0.001	<0.001
4/14/2010	<0.001				
10/6/2010		<0.001			
10/7/2010			<0.001		
10/13/2010				<0.001	<0.001
10/14/2010	<0.001				
4/5/2011	<0.001	<0.001	<0.001	<0.001	<0.001
10/4/2011		<0.001	<0.001	<0.001	<0.001
10/12/2011	<0.001				
4/3/2012		<0.001	<0.001	<0.001	
4/4/2012	<0.001				<0.001
9/18/2012		<0.001	<0.001		
9/19/2012				<0.001	<0.001
9/24/2012	<0.001				
3/12/2013	<0.001	<0.001	<0.001	<0.001	<0.001
9/9/2013		<0.001			
9/10/2013	<0.001		<0.001	<0.001	<0.001
3/5/2014	<0.001	<0.001	<0.001	<0.001	<0.001
9/3/2014					<0.001
9/8/2014		<0.001	<0.001		
9/9/2014	<0.001			<0.001	
4/21/2015	<0.001		<0.001		<0.001
4/22/2015		<0.001		<0.001	
9/29/2015	<0.001	<0.001	<0.001	<0.001	<0.001
3/23/2016	<0.001	<0.001	<0.001	<0.001	<0.001
9/7/2016	<0.001	<0.001	<0.001		
9/8/2016				<0.001	<0.001
3/23/2017	<0.001	<0.001			
3/24/2017			<0.001	<0.001	
3/27/2017					<0.001
10/4/2017	<0.001	<0.001	<0.001		
10/5/2017				<0.001	<0.001
3/14/2018				<0.001	
3/15/2018			<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

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

Time Series

Constituent: Silver (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
4/8/2019		<0.001	<0.001	<0.001	<0.001
4/9/2019	<0.001				
10/1/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/27/2020				<0.001	<0.001
3/30/2020			<0.001		
3/31/2020	<0.001	<0.001			
9/24/2020			<0.001	<0.001	<0.001
9/25/2020	<0.001	<0.001			
3/9/2021	<0.001	<0.001	<0.001	<0.001	<0.001
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
8/8/2022		<0.001			
8/9/2022	<0.001			<0.001	<0.001
8/10/2022			<0.001		
1/31/2023	<0.001	<0.001	<0.001	<0.001	<0.001
8/14/2023		<0.001			
8/15/2023	<0.001		<0.001	<0.001	<0.001
2/20/2024	<0.001				<0.001
2/21/2024		<0.001	<0.001	<0.001	
8/11/2024			<0.001	<0.001	<0.001
8/12/2024	<0.001	<0.001			
2/11/2025	<0.001				<0.001
2/12/2025		<0.001	<0.001	<0.001	
8/9/2025			<0.001	<0.001	<0.001
8/10/2025	<0.001	<0.001			
2/8/2026	<0.001				
2/9/2026		<0.001	<0.001	<0.001	<0.001

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

Time Series

Constituent: Silver (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21
3/6/2007			<0.001		<0.001
3/7/2007	<0.001	<0.001		<0.001	
5/8/2007	<0.001				
5/9/2007		<0.001	<0.001	<0.001	<0.001
7/17/2007	<0.001	<0.001	<0.001	<0.001	<0.001
8/28/2007	<0.001	<0.001	<0.001		
8/29/2007				<0.001	<0.001
11/7/2007	<0.001	<0.001	<0.001	<0.001	<0.001
3/31/2008					<0.001
5/7/2008		<0.001	<0.001	<0.001	<0.001
5/9/2008	<0.001				
12/2/2008	<0.001				
12/3/2008		<0.001			
12/4/2008			<0.001		
12/5/2008				<0.001	<0.001
4/8/2009	<0.001				
4/14/2009		<0.001	<0.001	<0.001	
4/27/2009					0.0036
9/30/2009				<0.001	<0.001
10/1/2009	<0.001	<0.001			
10/2/2009			<0.001		
4/13/2010		<0.001	<0.001	<0.001	<0.001
4/14/2010	<0.001				
10/12/2010		<0.001	<0.001	<0.001	<0.001
10/13/2010	<0.001				
4/6/2011	<0.001	<0.001	<0.001		
10/4/2011	<0.001				
10/5/2011					<0.001
10/12/2011		<0.001	<0.001	<0.001	
4/5/2012		<0.001	<0.001		
4/9/2012				<0.001	
4/10/2012	<0.001				<0.001
9/19/2012		<0.001			
9/25/2012			<0.001	<0.001	
9/26/2012	<0.001				<0.001
3/12/2013	<0.001				
3/13/2013		<0.001	<0.001	<0.001	<0.001
9/10/2013	<0.001	<0.001			
9/11/2013			<0.001	<0.001	<0.001
3/4/2014	<0.001				
3/10/2014		<0.001	<0.001	<0.001	
3/11/2014					<0.001
9/3/2014	<0.001	<0.001			
9/9/2014			<0.001	<0.001	<0.001
4/21/2015	<0.001				
4/22/2015		<0.001	<0.001		
4/23/2015				<0.001	
9/30/2015	<0.001	<0.001	<0.001	<0.001	<0.001
3/23/2016	<0.001			<0.001	
3/24/2016		<0.001	<0.001		<0.001
9/7/2016	<0.001				
9/8/2016		<0.001	<0.001	<0.001	<0.001

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

Time Series

Constituent: Silver (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21
3/27/2017	<0.001	<0.001	<0.001	<0.001	<0.001
10/5/2017	<0.001	<0.001	<0.001	<0.001	<0.001
3/15/2018	<0.001		<0.001		<0.001
3/16/2018		<0.001		<0.001	
10/4/2018	<0.001		<0.001		<0.001
10/5/2018		<0.001		<0.001	
4/9/2019	<0.001	<0.001	<0.001	<0.001	<0.001
10/1/2019	<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	<0.001
9/23/2020				<0.001	
9/24/2020		<0.001			<0.001
9/25/2020	<0.001				
9/28/2020			<0.001		
3/9/2021	<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
2/4/2022	<0.001	<0.001			
2/7/2022			<0.001	<0.001	<0.001
8/9/2022	<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
8/14/2023	<0.001				
8/15/2023		<0.001	<0.001	<0.001	<0.001
2/19/2024	<0.001				
2/20/2024		<0.001	<0.001	<0.001	<0.001
8/11/2024	<0.001			<0.001	<0.001
8/12/2024		<0.001	<0.001		
2/11/2025	<0.001		<0.001	<0.001	<0.001
2/12/2025		<0.001			
8/9/2025	<0.001				<0.001
8/10/2025		<0.001	<0.001	<0.001	
2/8/2026	<0.001		<0.001		
2/9/2026				<0.001	<0.001
2/10/2026		<0.001			

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

Time Series

Constituent: Silver (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-22	GWC-23
3/6/2007	<0.001	<0.001
5/9/2007	<0.001	<0.001
7/17/2007	<0.001	<0.001
8/29/2007	<0.001	<0.001
11/7/2007	<0.001	<0.001
3/31/2008		<0.001
5/7/2008	<0.001	<0.001
12/5/2008	<0.001	<0.001
4/14/2009	<0.001	<0.001
9/30/2009	<0.001	
10/1/2009		<0.001
4/13/2010	<0.001	
4/14/2010		<0.001
10/12/2010	<0.001	
10/13/2010		<0.001
4/6/2011	<0.001	<0.001
10/5/2011	<0.001	
10/12/2011		<0.001
4/9/2012	<0.001	<0.001
9/19/2012		<0.001
9/25/2012	<0.001	
3/13/2013	<0.001	<0.001
9/10/2013		<0.001
9/11/2013	<0.001	
3/11/2014	<0.001	<0.001
9/3/2014		<0.001
9/9/2014	<0.001	
4/23/2015	<0.001	<0.001
9/30/2015	<0.001	<0.001
3/23/2016	<0.001	<0.001
9/8/2016	<0.001	<0.001
3/27/2017	<0.001	<0.001
10/5/2017	<0.001	<0.001
3/15/2018	<0.001	<0.001
10/4/2018	<0.001	
10/5/2018		<0.001
4/8/2019		<0.001
4/9/2019	<0.001	
10/1/2019	<0.001	<0.001
3/26/2020		<0.001
3/31/2020	<0.001	
9/23/2020	<0.001	<0.001
3/9/2021	<0.001	<0.001
8/10/2021	<0.001	<0.001
2/7/2022	<0.001	<0.001
8/8/2022		<0.001
8/9/2022	<0.001	
1/31/2023	<0.001	<0.001
8/14/2023		<0.001
8/15/2023	<0.001	
2/20/2024	<0.001	<0.001
8/11/2024	<0.001	

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

Time Series

Constituent: Silver (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-22	GWC-23
8/12/2024		<0.001
2/11/2025	<0.001	
2/12/2025		<0.001
8/9/2025	<0.001	
8/10/2025		<0.001
2/9/2026	<0.001	<0.001

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

Time Series

Constituent: Sulfate (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)
3/22/2016	4.4409	13.0789	107.476	302.2975	11.6823
5/17/2016	4.43	15.3	106	213	11.4
7/5/2016	4.6	15	110		
7/6/2016				280	12
9/7/2016	4.8	16	83	160	13
10/18/2016	4.7	16	110	120	13
12/6/2016	4.7		220 (O)	210	12
12/7/2016		15			
1/31/2017	5.1	13			
2/1/2017			190 (O)	200	13
3/23/2017	4.7	12	160		
3/24/2017				140	12
10/4/2017	5	12	140	140	
10/5/2017					13
3/14/2018	5.1	13.9			
3/15/2018			119	167	12.2
10/4/2018	5.2	17.4	117	209	15.6
4/5/2019			131		
4/8/2019	4.6	18.1		248	13.2
9/30/2019	4.9	17.5	118	117	11.5
3/26/2020	5	15.6	95.8	128	10.8
9/21/2020		18.2			
9/22/2020					9.8
9/23/2020	6.6		95.6	123	
3/8/2021	4.6		99.5	152	11.5
3/9/2021		16.8			
8/9/2021	4.7	23.2	93.3	106	
8/10/2021					11.2
2/4/2022	4	21.1	73.5	170	10.4
8/8/2022	4.1	23.3	78.9	116	10.2
1/30/2023	3.8	19.8	78.4	156	9.5
8/14/2023	3.9	23.4	72.3	122	8.9
2/19/2024	5.1	23.7	103	138	9.9
8/10/2024		33.1			
8/11/2024	3.9		87.2	116	9.3
2/11/2025	3.7	33.8	94.4	155	9.7
8/9/2025	4.2	38.7	80.5	141	9.9
2/7/2026				177	
2/8/2026	3.7	34.6	89		9.2

Time Series

Constituent: Sulfate (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/23/2016	76.011	87.512	90.229	26.3455	61.8335
5/17/2016	76.2	101			
5/18/2016			100		
5/19/2016				31.7	64.3
7/6/2016	74	110	130	36	69
9/7/2016	64	97	130		
9/8/2016				45	68
10/18/2016	65	120	140	49	
10/19/2016					69
12/8/2016	100	100	140	50	69
2/1/2017	150 (O)	110			
2/2/2017			71	51	76
3/23/2017	130 (O)	110			
3/24/2017			68	46	
3/27/2017					68
10/4/2017	71	130	120		
10/5/2017				48	74
12/14/2017		130			
1/18/2018		110			
3/14/2018				36.8	
3/15/2018			118		57.8
3/16/2018	77.4	93.6			
10/4/2018	90.3	137	167	45.4	
10/5/2018					81.9
12/11/2018		110			73.6
4/8/2019		131	97.1	39.9	73.5
4/9/2019	83.6				
6/19/2019		108			
10/1/2019	68.1	71.7	120	47.1	72.2
3/27/2020				31.5	54
3/30/2020			64.6		
3/31/2020	92.6	106			
9/24/2020			120	48.3	69.9
9/25/2020	80.7	110			
3/9/2021	86.9	105	87.4	33.1	65.1
8/10/2021	76.1	95.9	101	31.6	76.3
2/4/2022	80.1	101	78.3	25.8	69.2
8/8/2022		77.1			
8/9/2022	74.6			33.3	77
8/10/2022			102		
1/31/2023	90.6	95.7	118	31.3	70
8/14/2023		99.5			
8/15/2023	77.2		122	28.1	63.9
2/20/2024	98.1				78.2
2/21/2024		91.9	122	48.3	
8/11/2024			123	47.1	80.4
8/12/2024	77.2	87.7			
2/11/2025	91.7				79.2
2/12/2025		95	107	43.8	
8/9/2025			111	33.3	81
8/10/2025	90.9	90.9			
2/8/2026	90.8				

Time Series

Constituent: Sulfate (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
2/9/2026		93.1	103	35.6	79.8

Time Series

Constituent: Sulfate (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21
3/23/2016	14.6529			22.9683	
3/24/2016		10.1818	16.8473		24.8075
5/17/2016	13.3				
5/18/2016			18.4	19.2	26.2
5/19/2016		9.58			
7/6/2016	10		17		
7/7/2016		9.6		31	31
9/7/2016	10				
9/8/2016		9.4	16	30	33
10/18/2016	10		19		
10/19/2016		9.9		32	31
12/6/2016	11				
12/7/2016			13	26	19
12/8/2016		14			
2/2/2017	11	13	14		52 (D)
2/3/2017				27	
3/27/2017	33	12	18	30	29
10/5/2017	16	12	16	32	33
3/15/2018	33.9		14.8		38
3/16/2018		11.7		37.5	
5/15/2018	29.1			41	
10/4/2018	29.5		15.9		19.3
10/5/2018		10.6		38.9	
12/11/2018				41.8	
4/9/2019	21.4	11.3	16.7	50.3	19.9
6/18/2019				38.7	
6/27/2019				46	
10/1/2019	13.4	8.9	14.7	52.3	46.3
11/6/2019				47.3	
3/27/2020	10.8				
3/30/2020		9.7			
3/31/2020			17.8	53.6	29.9
9/23/2020				58.9	
9/24/2020		8.5			37.6
9/25/2020	11.6				
9/28/2020			15.8		
3/9/2021	14.2	7.9			41.6
3/10/2021			18.7	64.7	
8/10/2021	14.9	10.3	17.8	66.4 (M1)	23.8
2/4/2022	14.4	8.9			
2/7/2022			16.9	66.3	25.9
8/9/2022	10.6	8.6	21.9	66.5	18.3
1/30/2023	11.5				
1/31/2023		8.4	22.8	69.8	12.4
8/14/2023	9				
8/15/2023		7.7	19.1	67.1	18.9
2/19/2024	10.8				
2/20/2024		9.1	24.3	71	23.8
8/11/2024	8.5			74	28.4
8/12/2024		8.1	24		
2/11/2025	10.5		26.8	67.8	18.3
2/12/2025		7.4			

Time Series

Constituent: Sulfate (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21
8/9/2025	9.7				19.5
8/10/2025		7.3	29.5	71.6	
2/8/2026	9.3		29.1		
2/9/2026				69.6	22.6
2/10/2026		7.5			

Time Series

Constituent: Sulfate (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-22	GWC-23
3/23/2016	9.1183	6.2867
5/18/2016	6.88	
5/19/2016		5.42
7/7/2016	6.8	5.7
9/8/2016	6.8	5.7
10/19/2016	7.5	5.8
12/7/2016	11	5.9
2/2/2017	9.9	
2/3/2017		38 (o)
3/27/2017	8.4	43 (o)
10/5/2017	7.4	8.3
3/15/2018	8.2	14
10/4/2018	6.4	
10/5/2018		9.3
4/8/2019		6.2
4/9/2019	11	
10/1/2019	1.9	5.8
3/26/2020		14.5
3/31/2020	10.9	
9/23/2020	5	5.3
3/9/2021	6.4	10.2
8/10/2021	6.2	8
2/7/2022	8.2	13
8/8/2022		5.6
8/9/2022	6.3	
1/31/2023	8.8	19.5
8/14/2023		4.6
8/15/2023	5.6	
2/20/2024	7.3	18.6
8/11/2024	5.7	
8/12/2024		6
2/11/2025	7.1	
2/12/2025		4.8
8/9/2025	6.7	
8/10/2025		4.9
2/9/2026	7.4	5.5

Time Series

Constituent: TDS (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)
3/22/2016	78	233	451	686 (O)	112
5/17/2016	67	197	430	533	121
7/5/2016	87	218	418		
7/6/2016				646 (O)	98
9/7/2016	125	240	443	493	128
10/18/2016	133	221	415	455	115
12/6/2016	151		653 (O)	597 (O)	153
12/7/2016		235			
1/31/2017	135	253			
2/1/2017			615 (O)	638 (O)	183
3/23/2017	72	190	506		
3/24/2017				579 (O)	121
10/4/2017	91	192	492	440	
10/5/2017					113
3/14/2018	99	204			
3/15/2018			448	381	115
10/4/2018	112	233	472	490	135
4/5/2019			456		
4/8/2019	91	209		522	142
9/30/2019	126	242	475	455	134
3/26/2020	73	222	450	466	76
9/21/2020		204			
9/22/2020					107
9/23/2020	117		473	421	
3/8/2021	96		415	460	107
3/9/2021		227			
8/9/2021	96	245	416	371	
8/10/2021					107
2/4/2022	107	245	325	496	125
8/8/2022	99	249	348	360	119
1/30/2023	94	263	367	459	130
8/14/2023	98	266	341	429	107
2/19/2024	107	370 (o)	380	433	193
8/10/2024		287			
8/11/2024	162		419	456	145
2/11/2025	101	292	376	430	134
8/9/2025	104	298	359	515	125
2/7/2026				533	
2/8/2026	105	281	348		131

Time Series

Constituent: TDS (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/23/2016	379	310	253	239	204
5/17/2016	349	280			
5/18/2016			276		
5/19/2016				236	215
7/6/2016	346	280	239	218	204
9/7/2016	382	324	247		
9/8/2016				225	201
10/18/2016	461	307	233	200	
10/19/2016					272
12/8/2016	379	281	373	196	227
2/1/2017	511	354			
2/2/2017			236	231	209
3/23/2017	443	302			
3/24/2017			291	250	
3/27/2017					305
10/4/2017	359	365	264		
10/5/2017				309	204
12/14/2017		406		322	
1/18/2018		404		322	
3/14/2018				263	
3/15/2018			254		280
3/16/2018	390	317			
10/4/2018	385	371	287	292	
10/5/2018					236
4/8/2019		353	295	438	264
4/9/2019	371				
10/1/2019	380	348	277	305	237
3/27/2020				329	192
3/30/2020			216		
3/31/2020	408	349			
9/24/2020			254	307	179
9/25/2020	367	345			
3/9/2021	364	298	299	308	209
8/10/2021	363	318	210	425	208
2/4/2022	360	335	310	349	225
8/8/2022		327			
8/9/2022	363			310	220
8/10/2022			248		
1/31/2023	385	335	223	284	216
8/14/2023		368			
8/15/2023	428		267	280	246
2/20/2024	407				301
2/21/2024		275	310	<25 (o)	
8/11/2024			293	327	256
8/12/2024	401	376			
2/11/2025	420				247
2/12/2025		322	243	341	
8/9/2025			253	353	248
8/10/2025	393	325			
2/8/2026	393				
2/9/2026		323	236	289	241

Time Series

Constituent: TDS (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21
3/23/2016	182			208	
3/24/2016		205	232		110
5/17/2016	178				
5/18/2016			245	213	153
5/19/2016		204			
7/6/2016	135		231		
7/7/2016		181		212	151
9/7/2016	165				
9/8/2016		193	252	201	285
10/18/2016	113		288		
10/19/2016		231		276	314
12/6/2016	194				
12/7/2016			220	186	252
12/8/2016		166			
2/2/2017	160	191	220		138
2/3/2017				219	
3/27/2017	252	427 (o)	393 (o)	239	88
10/5/2017	177	207	242	216	111
3/15/2018	216		213		219
3/16/2018		199		216	
10/4/2018	222		231		152
10/5/2018		235		256	
4/9/2019	213	212	253	267	167
10/1/2019	186	196	229	271	336
11/6/2019					336
11/26/2019					236
3/27/2020	118				
3/30/2020		217			
3/31/2020			233	267	111
9/23/2020				277	
9/24/2020		181			286
9/25/2020	153				
9/28/2020			214		
3/9/2021	201	192			243
3/10/2021			223	241	
8/10/2021	185	224	209	270	121
2/4/2022	214	225			
2/7/2022			218	268	161
8/9/2022	170	183	236	285	119
1/30/2023	190				
1/31/2023		284	239	329	76
8/14/2023	162				
8/15/2023		193	227	291	152
2/19/2024	198				
2/20/2024		250	306	369	126
8/11/2024	170			312	181
8/12/2024		242	236		
2/11/2025	199		264	291	131
2/12/2025		192			
8/9/2025	199				143
8/10/2025		198	256	298	
2/8/2026	183		257		

Time Series

Constituent: TDS (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21
2/9/2026				294	140
2/10/2026		187			

Time Series

Constituent: TDS (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-22	GWC-23
3/23/2016	206	168
5/18/2016	212	
5/19/2016		173
7/7/2016	206	144
9/8/2016	214	179
10/19/2016	269	209
12/7/2016	199	156
2/2/2017	211	
2/3/2017		276
3/27/2017	324 (o)	295
10/5/2017	219	192
3/15/2018	190	169
10/4/2018	215	
10/5/2018		210
4/8/2019		191
4/9/2019	222	
10/1/2019	220	203
3/26/2020		193
3/31/2020	195	
9/23/2020	231	186
3/9/2021	178	216
8/10/2021	206	178
2/7/2022	207	224
8/8/2022		176
8/9/2022	208	
1/31/2023	221	243
8/14/2023		163
8/15/2023	212	
2/20/2024	220	263
8/11/2024	219	
8/12/2024		189
2/11/2025	221	
2/12/2025		173
8/9/2025	228	
8/10/2025		174
2/9/2026	212	176

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)
3/6/2007	<0.0005	<0.0005	<0.0005	<0.0005	
3/7/2007					<0.0005
5/8/2007	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
7/7/2007	<0.0005	<0.0005			
7/17/2007			<0.0005	<0.0005	<0.0005
8/28/2007	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
11/6/2007	<0.0005	<0.0005	<0.0005	<0.0005	
11/7/2007					<0.0005
5/8/2008			<0.0005	<0.0005	
5/9/2008	<0.0005	<0.0005			<0.0005
12/2/2008					<0.0005
12/3/2008	<0.0005	<0.0005	<0.0005	<0.0005	
4/7/2009	<0.0005	<0.0005	<0.0005	<0.0005	
4/8/2009					<0.0005
10/1/2009	<0.0005	<0.0005			<0.0005
10/2/2009			<0.0005	<0.0005	
4/13/2010		<0.0005			
4/14/2010	<0.0005		<0.0005	<0.0005	<0.0005
10/7/2010		<0.0005			
10/13/2010	<0.0005				<0.0005
10/14/2010			<0.0005	<0.0005	
4/5/2011			<0.0005	<0.0005	
4/6/2011	<0.0005	<0.0005			<0.0005
10/4/2011					<0.0005
10/6/2011		<0.0005			
10/10/2011	<0.0005				
10/12/2011			<0.0005	<0.0005	
4/3/2012	<0.0005	<0.0005			
4/4/2012			<0.0005	<0.0005	
4/10/2012					<0.0005
9/19/2012		<0.0005			
9/24/2012	<0.0005			<0.0005	
9/26/2012			<0.0005		<0.0005
3/12/2013	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
3/4/2014	<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	
4/21/2015	<0.0005		<0.0005	<0.0005	<0.0005
4/22/2015		<0.0005			
9/29/2015			<0.0005	<0.0005	<0.0005
9/30/2015	<0.0005	<0.0005			
3/22/2016	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
5/17/2016	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
7/5/2016	<0.0005	<0.0005	<0.0005		
7/6/2016				<0.0005	<0.0005
9/7/2016	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
10/18/2016	<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			
1/31/2017	<0.0005	<0.0005			
2/1/2017			<0.0005	<0.0005	<0.0005

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

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)
3/23/2017	<0.0005	<0.0005	<0.0005		
3/24/2017				<0.0005	<0.0005
10/4/2017	<0.0005	<0.0005	<0.0005	<0.0005	
10/5/2017					<0.0005
3/14/2018	<0.0005	<0.0005			
3/15/2018			<0.0005	<0.0005	<0.0005
10/4/2018	<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
9/30/2019	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
3/26/2020	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
9/21/2020		<0.0005			
9/22/2020					<0.0005
9/23/2020	<0.0005		<0.0005	<0.0005	
3/8/2021	<0.0005		<0.0005	<0.0005	<0.0005
3/9/2021		<0.0005			
8/9/2021	<0.0005	<0.0005	<0.0005	<0.0005	
8/10/2021					<0.0005
2/4/2022	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
8/8/2022	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
1/30/2023	0.00022 (J)	<0.0005	<0.0005	<0.0005	<0.0005
8/14/2023	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2/19/2024	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
8/10/2024		<0.0005			
8/11/2024	<0.0005		<0.0005	<0.0005	<0.0005
2/11/2025	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
8/9/2025	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2/7/2026				<0.0005	
2/8/2026	<0.0005	<0.0005	<0.0005		<0.0005

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

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/7/2007	<0.0005	<0.0005			<0.0005
5/8/2007	<0.0005				<0.0005
5/9/2007		<0.0005	<0.0005	<0.0005	
7/6/2007	<0.0005		<0.0005	<0.0005	<0.0005
7/17/2007		<0.0005			
8/28/2007	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
11/6/2007	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
3/31/2008			<0.0005	<0.0005	
5/8/2008	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
12/2/2008			<0.0005	<0.0005	<0.0005
12/3/2008	<0.0005	<0.0005			
4/7/2009	<0.0005	<0.0005			
4/8/2009			<0.0005	<0.0005	<0.0005
9/30/2009				<0.0005	<0.0005
10/1/2009	<0.0005	<0.0005	<0.0005		
4/13/2010		<0.0005	<0.0005	<0.0005	<0.0005
4/14/2010	<0.0005				
10/6/2010		<0.0005			
10/7/2010			<0.0005		
10/13/2010				<0.0005	<0.0005
10/14/2010	<0.0005				
4/5/2011	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
10/4/2011		<0.0005	<0.0005	<0.0005	<0.0005
10/12/2011	<0.0005				
4/3/2012		<0.0005	<0.0005	<0.0005	
4/4/2012	<0.0005				<0.0005
9/18/2012		<0.0005	<0.0005		
9/19/2012				<0.0005	<0.0005
9/24/2012	<0.0005				
3/12/2013	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
3/5/2014	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
9/3/2014					<0.0005
9/8/2014		<0.0005	<0.0005		
9/9/2014	<0.0005			<0.0005	
4/21/2015	<0.0005		<0.0005		<0.0005
4/22/2015		<0.0005		<0.0005	
9/29/2015	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
3/23/2016	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
5/17/2016	<0.0005	<0.0005			
5/18/2016			<0.0005	<0.0005	<0.0005
7/6/2016	<0.0005	<0.0005	0.0001 (J)	<0.0005	<0.0005
9/7/2016	<0.0005	<0.0005	<0.0005		
9/8/2016				<0.0005	<0.0005
10/18/2016	<0.0005	<0.0005	<0.0005	<0.0005	
10/19/2016					<0.0005
12/8/2016	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2/1/2017	<0.0005	<0.0005			
2/2/2017			<0.0005	<0.0005	<0.0005
3/23/2017	<0.0005	<0.0005			
3/24/2017			<0.0005	<0.0005	
3/27/2017					<0.0005
10/4/2017	<0.0005	<0.0005	<0.0005		

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

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
10/5/2017				<0.0005	<0.0005
3/14/2018				<0.0005	
3/15/2018			<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
4/8/2019		<0.0005	<0.0005	<0.0005	<0.0005
4/9/2019	<0.0005				
10/1/2019	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
3/27/2020				<0.0005	<0.0005
3/30/2020			<0.0005		
3/31/2020	<0.0005	<0.0005			
9/24/2020			<0.0005	<0.0005	<0.0005
9/25/2020	<0.0005	<0.0005			
3/9/2021	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
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
8/8/2022		<0.0005			
8/9/2022	<0.0005			<0.0005	<0.0005
8/10/2022			<0.0005		
1/31/2023	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
8/14/2023		<0.0005			
8/15/2023	<0.0005		<0.0005	<0.0005	<0.0005
2/20/2024	<0.0005				<0.0005
2/21/2024		<0.0005	<0.0005	<0.0005	
8/11/2024			<0.0005	<0.0005	<0.0005
8/12/2024	<0.0005	<0.0005			
2/11/2025	<0.0005				<0.0005
2/12/2025		<0.0005	<0.0005	<0.0005	
8/9/2025			<0.0005	<0.0005	<0.0005
8/10/2025	<0.0005	<0.0005			
2/8/2026	<0.0005				
2/9/2026		<0.0005	<0.0005	<0.0005	<0.0005

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

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21
3/6/2007			<0.0005		<0.0005
3/7/2007	<0.0005	<0.0005		<0.0005	
5/8/2007	<0.0005				
5/9/2007		<0.0005	<0.0005	<0.0005	<0.0005
7/17/2007	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
8/28/2007	<0.0005	<0.0005	<0.0005		
8/29/2007				<0.0005	<0.0005
11/7/2007	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
3/31/2008					<0.0005
5/7/2008		<0.0005	<0.0005	<0.0005	<0.0005
5/9/2008	<0.0005				
12/2/2008	<0.0005				
12/3/2008		<0.0005			
12/4/2008			<0.0005		
12/5/2008				<0.0005	<0.0005
4/8/2009	<0.0005				
4/14/2009		<0.0005	<0.0005	<0.0005	
4/27/2009					<0.0005
9/30/2009				<0.0005	<0.0005
10/1/2009	<0.0005	<0.0005			
10/2/2009			<0.0005		
4/13/2010		<0.0005	<0.0005	<0.0005	<0.0005
4/14/2010	<0.0005				
10/12/2010		<0.0005	<0.0005	<0.0005	<0.0005
10/13/2010	<0.0005				
4/6/2011	<0.0005	<0.0005	<0.0005		
10/4/2011	<0.0005				
10/5/2011					<0.0005
10/12/2011		<0.0005	<0.0005	<0.0005	
4/5/2012		<0.0005	<0.0005		
4/9/2012				<0.0005	
4/10/2012	<0.0005				<0.0005
9/19/2012		<0.0005			
9/25/2012			<0.0005	<0.0005	
9/26/2012	<0.0005				<0.0005
3/12/2013	<0.0005				
3/13/2013		<0.0005	<0.0005	<0.0005	<0.0005
3/4/2014	<0.0005				
3/10/2014		<0.0005	<0.0005	<0.0005	
3/11/2014					<0.0005
9/3/2014	<0.0005	<0.0005			
9/9/2014			<0.0005	<0.0005	<0.0005
4/21/2015	<0.0005				
4/22/2015		<0.0005	<0.0005		
4/23/2015				<0.0005	
9/30/2015	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
3/23/2016	<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
7/6/2016	<0.0005		<0.0005		
7/7/2016		<0.0005		<0.0005	<0.0005

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

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21
9/7/2016	<0.0005				
9/8/2016		<0.0005	<0.0005	<0.0005	<0.0005
10/18/2016	<0.0005		<0.0005		
10/19/2016		<0.0005		<0.0005	<0.0005
12/6/2016	<0.0005				
12/7/2016			<0.0005	<0.0005	<0.0005
12/8/2016		<0.0005			
2/2/2017	<0.0005	<0.0005	<0.0005		<0.0005
2/3/2017				<0.0005	
3/27/2017	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
10/5/2017	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
3/15/2018	<0.0005		<0.0005		<0.0005
3/16/2018		<0.0005		<0.0005	
10/4/2018	<0.0005		<0.0005		<0.0005
10/5/2018		<0.0005		<0.0005	
4/9/2019	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
10/1/2019	<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	<0.0005
9/23/2020				<0.0005	
9/24/2020		<0.0005			<0.0005
9/25/2020	<0.0005				
9/28/2020			<0.0005		
3/9/2021	<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
2/4/2022	<0.0005	<0.0005			
2/7/2022			<0.0005	<0.0005	<0.0005
8/9/2022	<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
8/14/2023	<0.0005				
8/15/2023		<0.0005	<0.0005	<0.0005	<0.0005
2/19/2024	<0.0005				
2/20/2024		<0.0005	<0.0005	<0.0005	<0.0005
8/11/2024	<0.0005			<0.0005	<0.0005
8/12/2024		<0.0005	<0.0005		
2/11/2025	<0.0005		<0.0005	<0.0005	<0.0005
2/12/2025		<0.0005			
8/9/2025	<0.0005				<0.0005
8/10/2025		<0.0005	<0.0005	<0.0005	
2/8/2026	<0.0005		<0.0005		
2/9/2026				<0.0005	<0.0005
2/10/2026		<0.0005			

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

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-22	GWC-23
3/6/2007	<0.0005	<0.0005
5/9/2007	<0.0005	<0.0005
7/17/2007	<0.0005	<0.0005
8/29/2007	<0.0005	<0.0005
11/7/2007	<0.0005	<0.0005
3/31/2008		<0.0005
5/7/2008	<0.0005	<0.0005
12/5/2008	<0.0005	<0.0005
4/14/2009	<0.0005	<0.0005
9/30/2009	<0.0005	
10/1/2009		<0.0005
4/13/2010	<0.0005	
4/14/2010		<0.0005
10/12/2010	<0.0005	
10/13/2010		<0.0005
4/6/2011	<0.0005	<0.0005
10/5/2011	<0.0005	
10/12/2011		<0.0005
4/9/2012	<0.0005	<0.0005
9/19/2012		<0.0005
9/25/2012	<0.0005	
3/13/2013	<0.0005	<0.0005
3/11/2014	<0.0005	<0.0005
9/3/2014		<0.0005
9/9/2014	<0.0005	
4/23/2015	<0.0005	<0.0005
9/30/2015	<0.0005	<0.0005
3/23/2016	<0.0005	<0.0005
5/18/2016	<0.0005	
5/19/2016		<0.0005
7/7/2016	<0.0005	<0.0005
9/8/2016	<0.0005	<0.0005
10/19/2016	<0.0005	<0.0005
12/7/2016	<0.0005	<0.0005
2/2/2017	<0.0005	
2/3/2017		<0.0005
3/27/2017	<0.0005	<0.0005
10/5/2017	<0.0005	<0.0005
3/15/2018	<0.0005	<0.0005
10/4/2018	<0.0005	
10/5/2018		<0.0005
4/8/2019		<0.0005
4/9/2019	<0.0005	
10/1/2019	<0.0005	<0.0005
3/26/2020		<0.0005
3/31/2020	<0.0005	
9/23/2020	<0.0005	<0.0005
3/9/2021	<0.0005	<0.0005
8/10/2021	<0.0005	<0.0005
2/7/2022	<0.0005	<0.0005
8/8/2022		<0.0005
8/9/2022	<0.0005	

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

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-22	GWC-23
1/31/2023	<0.0005	<0.0005
8/14/2023		<0.0005
8/15/2023	<0.0005	
2/20/2024	<0.0005	<0.0005
8/11/2024	<0.0005	
8/12/2024		<0.0005
2/11/2025	<0.0005	
2/12/2025		<0.0005
8/9/2025	<0.0005	
8/10/2025		<0.0005
2/9/2026	<0.0005	<0.0005

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

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)
3/6/2007	<0.005	<0.005	<0.005	<0.005	
3/7/2007					<0.005
5/8/2007	<0.005	<0.005	<0.005	<0.005	<0.005
7/7/2007	<0.005	<0.005			
7/17/2007			<0.005	<0.005	<0.005
8/28/2007	<0.005	<0.005	<0.005	<0.005	<0.005
11/6/2007	<0.005	<0.005	<0.005	<0.005	
11/7/2007					<0.005
5/8/2008			<0.005	<0.005	
5/9/2008	<0.005	<0.005			<0.005
12/2/2008					<0.005
12/3/2008	<0.005	<0.005	<0.005	<0.005	
4/7/2009	<0.005	<0.005	<0.005	<0.005	
4/8/2009					<0.005
10/1/2009	<0.005	<0.005			<0.005
10/2/2009			<0.005	<0.005	
4/13/2010		<0.005			
4/14/2010	<0.005		<0.005	<0.005	<0.005
10/7/2010		<0.005			
10/13/2010	<0.005				<0.005
10/14/2010			<0.005	<0.005	
4/5/2011			<0.005	<0.005	
4/6/2011	<0.005	<0.005			<0.005
10/4/2011					<0.005
10/6/2011		<0.005			
10/10/2011	<0.005				
10/12/2011			<0.005	<0.005	
4/3/2012	<0.005	<0.005			
4/4/2012			<0.005	<0.005	
4/10/2012					<0.005
9/19/2012		<0.005			
9/24/2012	<0.005			<0.005	
9/26/2012			<0.005		<0.005
3/12/2013	<0.005	<0.005	<0.005	<0.005	<0.005
9/9/2013		<0.005			
9/10/2013			<0.005	<0.005	<0.005
9/11/2013	<0.005				
3/4/2014	<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	
4/21/2015	<0.005		<0.005	<0.005	<0.005
4/22/2015		<0.005			
9/29/2015			<0.005	<0.005	<0.005
9/30/2015	<0.005	<0.005			
3/22/2016	<0.005	<0.005	<0.005	<0.005	<0.005
9/7/2016	<0.005	<0.005	<0.005	<0.005	<0.005
3/23/2017	<0.005	<0.005	<0.005		
3/24/2017				<0.005	<0.005
10/4/2017	<0.005	<0.005	<0.005	<0.005	
10/5/2017					<0.005
3/14/2018	<0.005	<0.005			

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

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)
3/15/2018			<0.005	<0.005	<0.005
10/4/2018	<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
9/30/2019	<0.005	<0.005	<0.005	<0.005	<0.005
3/26/2020	<0.005	<0.005	<0.005	<0.005	<0.005
9/21/2020		<0.005			
9/22/2020					<0.005
9/23/2020	<0.005		<0.005	<0.005	
3/8/2021	<0.005		<0.005	<0.005	<0.005
3/9/2021		<0.005			
8/9/2021	0.0019 (J)	<0.005	<0.005	<0.005	
8/10/2021					<0.005
2/4/2022	<0.005	<0.005	<0.005	<0.005	<0.005
8/8/2022	<0.005	<0.005	<0.005	<0.005	<0.005
1/30/2023	0.0022 (J)	<0.005	<0.005	<0.005	<0.005
8/14/2023	<0.005	<0.005	<0.005	<0.005	<0.005
2/19/2024	<0.005	<0.005	<0.005	0.0012 (J)	<0.005
8/10/2024		<0.005			
8/11/2024	<0.005		<0.005	<0.005	<0.005
2/11/2025	<0.005	<0.005	<0.005	<0.005	<0.005
8/9/2025	<0.005	<0.005	<0.005	<0.005	<0.005
2/7/2026				<0.005	
2/8/2026	<0.005	<0.005	<0.005		<0.005

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

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/7/2007	<0.005	<0.005			<0.005
5/8/2007	<0.005				<0.005
5/9/2007		<0.005	<0.005	<0.005	
7/6/2007	<0.005		<0.005	<0.005	<0.005
7/17/2007		<0.005			
8/28/2007	<0.005	<0.005	<0.005	<0.005	<0.005
11/6/2007	<0.005	<0.005	<0.005	<0.005	<0.005
3/31/2008			<0.005	0.034	
5/8/2008	<0.005	<0.005	<0.005	<0.005	<0.005
12/2/2008			<0.005	<0.005	<0.005
12/3/2008	<0.005	<0.005			
4/7/2009	<0.005	<0.005			
4/8/2009			<0.005	<0.005	0.0029
9/30/2009				<0.005	<0.005
10/1/2009	<0.005	<0.005	0.0039		
4/13/2010		<0.005	<0.005	<0.005	<0.005
4/14/2010	<0.005				
10/6/2010		<0.005			
10/7/2010			<0.005		
10/13/2010				<0.005	<0.005
10/14/2010	<0.005				
4/5/2011	<0.005	<0.005	0.0025	<0.005	<0.005
10/4/2011		<0.005	0.0027	<0.005	<0.005
10/12/2011	<0.005				
4/3/2012		<0.005	<0.005	<0.005	
4/4/2012	<0.005				<0.005
9/18/2012		<0.005	<0.005		
9/19/2012				<0.005	<0.005
9/24/2012	<0.005				
3/12/2013	<0.005	<0.005	<0.005	<0.005	<0.005
9/9/2013		<0.005			
9/10/2013	<0.005		<0.005	<0.005	<0.005
3/5/2014	<0.005	<0.005	<0.005	<0.005	<0.005
9/3/2014					<0.005
9/8/2014		<0.005	0.0012 (J)		
9/9/2014	0.00093 (J)			<0.005	
4/21/2015	<0.005		0.0015 (J)		<0.005
4/22/2015		<0.005		<0.005	
9/29/2015	<0.005	<0.005	<0.005	<0.005	<0.005
3/23/2016	<0.005	<0.005	<0.005	<0.005	<0.005
9/7/2016	<0.005	<0.005	<0.005		
9/8/2016				<0.005	<0.005
3/23/2017	<0.005	<0.005			
3/24/2017			<0.005	<0.005	
3/27/2017					<0.005
10/4/2017	<0.005	<0.005	<0.005		
10/5/2017				<0.005	<0.005
3/14/2018				<0.005	
3/15/2018			<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

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

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
4/8/2019		<0.005	<0.005	<0.005	<0.005
4/9/2019	<0.005				
10/1/2019	<0.005	<0.005	<0.005	<0.005	<0.005
3/27/2020				<0.005	<0.005
3/30/2020			<0.005		
3/31/2020	<0.005	<0.005			
9/24/2020			<0.005	<0.005	<0.005
9/25/2020	<0.005	<0.005			
3/9/2021	<0.005	<0.005	<0.005	<0.005	<0.005
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
8/8/2022		<0.005			
8/9/2022	<0.005			<0.005	<0.005
8/10/2022			<0.005		
1/31/2023	<0.005	<0.005	<0.005	<0.005	<0.005
8/14/2023		<0.005			
8/15/2023	<0.005		<0.005	<0.005	<0.005
2/20/2024	<0.005				<0.005
2/21/2024		<0.005	<0.005	<0.005	
8/11/2024			<0.005	<0.005	<0.005
8/12/2024	<0.005	<0.005			
2/11/2025	<0.005				<0.005
2/12/2025		<0.005	<0.005	<0.005	
8/9/2025			<0.005	<0.005	<0.005
8/10/2025	<0.005	<0.005			
2/8/2026	<0.005				
2/9/2026		<0.005	<0.005	<0.005	<0.005

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

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21
3/6/2007			<0.005		<0.005
3/7/2007	<0.005	<0.005		<0.005	
5/8/2007	<0.005				
5/9/2007		<0.005	<0.005	<0.005	<0.005
7/17/2007	<0.005	<0.005	<0.005	<0.005	<0.005
8/28/2007	<0.005	<0.005	<0.005		
8/29/2007				<0.005	<0.005
11/7/2007	<0.005	<0.005	<0.005	<0.005	<0.005
3/31/2008					<0.005
5/7/2008		<0.005	<0.005	<0.005	<0.005
5/9/2008	<0.005				
12/2/2008	<0.005				
12/3/2008		<0.005			
12/4/2008			<0.005		
12/5/2008				<0.005	<0.005
4/8/2009	<0.005				
4/14/2009		<0.005	<0.005	<0.005	
4/27/2009					<0.005
9/30/2009				<0.005	<0.005
10/1/2009	<0.005	<0.005			
10/2/2009			<0.005		
4/13/2010		<0.005	<0.005	<0.005	<0.005
4/14/2010	<0.005				
10/12/2010		<0.005	<0.005	<0.005	<0.005
10/13/2010	<0.005				
4/6/2011	<0.005	<0.005	<0.005		
10/4/2011	<0.005				
10/5/2011					<0.005
10/12/2011		<0.005	<0.005	<0.005	
4/5/2012		<0.005	<0.005		
4/9/2012				<0.005	
4/10/2012	<0.005				<0.005
9/19/2012		<0.005			
9/25/2012			<0.005	<0.005	
9/26/2012	<0.005				<0.005
3/12/2013	<0.005				
3/13/2013		<0.005	<0.005	<0.005	<0.005
9/10/2013	<0.005	<0.005			
9/11/2013			<0.005	<0.005	<0.005
3/4/2014	<0.005				
3/10/2014		<0.005	<0.005	<0.005	
3/11/2014					<0.005
9/3/2014	<0.005	<0.005			
9/9/2014			<0.005	<0.005	0.0029 (J)
4/21/2015	<0.005				
4/22/2015		<0.005	<0.005		
4/23/2015				<0.005	
9/30/2015	<0.005	<0.005	<0.005	<0.005	0.001 (J)
3/23/2016	<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

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

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21
3/27/2017	<0.005	<0.005	<0.005	<0.005	<0.005
10/5/2017	<0.005	<0.005	<0.005	<0.005	<0.005
3/15/2018	<0.005		<0.005		<0.005
3/16/2018		<0.005		<0.005	
10/4/2018	<0.005		<0.005		<0.005
10/5/2018		<0.005		<0.005	
4/9/2019	<0.005	<0.005	<0.005	<0.005	<0.005
10/1/2019	<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	<0.005
9/23/2020				<0.005	
9/24/2020		<0.005			<0.005
9/25/2020	<0.005				
9/28/2020			<0.005		
3/9/2021	<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
2/4/2022	<0.005	<0.005			
2/7/2022			<0.005	<0.005	<0.005
8/9/2022	<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
8/14/2023	<0.005				
8/15/2023		<0.005	<0.005	<0.005	<0.005
2/19/2024	<0.005				
2/20/2024		<0.005	<0.005	<0.005	<0.005
8/11/2024	<0.005			<0.005	<0.005
8/12/2024		<0.005	<0.005		
2/11/2025	<0.005		<0.005	<0.005	<0.005
2/12/2025		<0.005			
8/9/2025	<0.005				<0.005
8/10/2025		<0.005	<0.005	<0.005	
2/8/2026	<0.005		<0.005		
2/9/2026				<0.005	<0.005
2/10/2026		<0.005			

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

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-22	GWC-23
3/6/2007	<0.005	<0.005
5/9/2007	<0.005	<0.005
7/17/2007	<0.005	<0.005
8/29/2007	<0.005	<0.005
11/7/2007	<0.005	<0.005
3/31/2008		<0.005
5/7/2008	<0.005	<0.005
12/5/2008	<0.005	<0.005
4/14/2009	<0.005	<0.005
9/30/2009	<0.005	
10/1/2009		<0.005
4/13/2010	<0.005	
4/14/2010		<0.005
10/12/2010	<0.005	
10/13/2010		<0.005
4/6/2011	<0.005	<0.005
10/5/2011	<0.005	
10/12/2011		<0.005
4/9/2012	<0.005	<0.005
9/19/2012		<0.005
9/25/2012	<0.005	
3/13/2013	<0.005	<0.005
9/10/2013		<0.005
9/11/2013	<0.005	
3/11/2014	<0.005	<0.005
9/3/2014		<0.005
9/9/2014	<0.005	
4/23/2015	<0.005	<0.005
9/30/2015	<0.005	<0.005
3/23/2016	<0.005	<0.005
9/8/2016	<0.005	<0.005
3/27/2017	<0.005	<0.005
10/5/2017	<0.005	<0.005
3/15/2018	<0.005	<0.005
10/4/2018	<0.005	
10/5/2018		<0.005
4/8/2019		0.00017 (J)
4/9/2019	<0.005	
10/1/2019	<0.005	<0.005
3/26/2020		<0.005
3/31/2020	<0.005	
9/23/2020	<0.005	<0.005
3/9/2021	<0.005	<0.005
8/10/2021	<0.005	<0.005
2/7/2022	<0.005	<0.005
8/8/2022		<0.005
8/9/2022	<0.005	
1/31/2023	<0.005	<0.005
8/14/2023		<0.005
8/15/2023	<0.005	
2/20/2024	<0.005	<0.005
8/11/2024	<0.005	

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

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-22	GWC-23
8/12/2024		<0.005
2/11/2025	<0.005	
2/12/2025		<0.005
8/9/2025	<0.005	
8/10/2025		<0.005
2/9/2026	<0.005	<0.005

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

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)
3/6/2007	<0.01	<0.01	<0.02	<0.01	
3/7/2007					<0.01
5/8/2007	<0.01	<0.01	<0.02	<0.01	0.0025
7/7/2007	<0.01	<0.01			
7/17/2007			0.0033	<0.01	0.0047
8/28/2007	<0.01	0.0026	<0.02	0.0026	0.0033
11/6/2007	<0.01	<0.01	<0.02	<0.01	
11/7/2007					<0.01
5/8/2008			0.0033	0.0037	
5/9/2008	<0.01	<0.01			<0.01
12/2/2008					<0.01
12/3/2008	<0.01	<0.01	0.0054	0.003	
4/7/2009	0.0028	<0.01	<0.02	0.0045	
4/8/2009					<0.01
10/1/2009	<0.01	<0.01			<0.01
10/2/2009			<0.02	0.0027	
4/13/2010		<0.01			
4/14/2010	<0.01		0.003	<0.01	<0.01
10/7/2010		<0.01			
10/13/2010	<0.01				<0.01
10/14/2010			<0.02	0.0041	
4/5/2011			<0.02	<0.01	
4/6/2011	<0.01	<0.01			<0.01
10/4/2011					<0.01
10/6/2011		<0.01			
10/10/2011	<0.01				
10/12/2011			<0.02	0.0033	
4/3/2012	<0.01	<0.01			
4/4/2012			<0.02	<0.01	
4/10/2012					<0.01
9/19/2012		<0.01			
9/24/2012	<0.01			0.0039	
9/26/2012			<0.02		<0.01
3/12/2013	<0.01	<0.01	<0.02	<0.01	<0.01
9/9/2013		<0.01			
9/10/2013			<0.02	0.0035	<0.01
9/11/2013	<0.01				
3/4/2014	0.0026	0.0035			<0.01
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	
4/21/2015	<0.01		0.002 (J)	0.0028	<0.01
4/22/2015		<0.01			
9/29/2015			0.0021 (J)	0.008 (J)	0.0024 (J)
9/30/2015	<0.01	0.0026 (J)			
3/22/2016	<0.01	<0.01	<0.02	<0.01	<0.01
9/7/2016	0.0047 (J)	0.0024 (J)	0.0034 (J)	0.0035 (J)	0.0023 (J)
3/23/2017	<0.01	<0.01	0.0031 (J)		
3/24/2017				0.0095 (J)	0.0068 (J)
10/4/2017	<0.01	0.0017 (J)	<0.02	0.0031 (J)	
10/5/2017					<0.01
3/14/2018	0.0032 (J)	0.0023 (J)			

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

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-11 (bg)
3/15/2018			0.0028 (J)	0.0041 (J)	0.0042 (J)
10/4/2018	0.003 (J)	0.0041 (J)	0.0043 (J)	0.0058 (J)	0.0046 (J)
4/5/2019			0.0013 (J)		
4/8/2019	<0.01	0.0014 (J)		0.0023 (J)	0.0024 (J)
9/30/2019	0.0032 (J)	0.0043 (J)	0.0045 (J)	0.0059 (J)	0.004 (J)
3/26/2020	<0.01	<0.01	<0.02	<0.01	<0.01
9/21/2020		<0.01			
9/22/2020					<0.01
9/23/2020	0.0025 (J)		<0.02	0.0025 (J)	
3/8/2021	<0.01		<0.02	0.0034 (J)	<0.01
3/9/2021		<0.01			
8/9/2021	<0.01	<0.01	<0.02	<0.01	
8/10/2021					<0.01
2/4/2022	<0.01	<0.01	<0.02	<0.01	<0.01
8/8/2022	<0.01	<0.01	<0.02	<0.01	<0.01
1/30/2023	<0.01	<0.01	<0.02	<0.01	<0.01
8/14/2023	<0.01	<0.01	<0.02	<0.01	<0.01
2/19/2024	<0.01	<0.01	0.0025 (J)	<0.01	<0.01
8/10/2024		<0.01			
8/11/2024	<0.01		0.0026 (J)	<0.01	<0.01
2/11/2025	<0.01	<0.01	<0.02	<0.01	<0.01
8/9/2025	<0.01	<0.01	0.0026 (J)	<0.01	<0.01
2/7/2026				0.0024 (J)	
2/8/2026	<0.01	<0.01	0.0023 (J)		<0.01

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

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/7/2007	0.0064	<0.01			<0.01
5/8/2007	<0.01				0.0027
5/9/2007		<0.01	45 (O)	0.0038	
7/6/2007	<0.01		16 (O)	<0.01	0.0032
7/17/2007		<0.01			
8/28/2007	0.0025	<0.01	11 (O)	<0.01	0.0026
11/6/2007	<0.01	<0.01	8.3	<0.01	<0.01
3/31/2008			5.6	0.045	
5/8/2008	<0.01	<0.01	5	<0.01	<0.01
12/2/2008			3.2	<0.01	<0.01
12/3/2008	<0.01	<0.01			
4/7/2009	0.0025	<0.01			
4/8/2009			2.4	<0.01	<0.01
9/30/2009				<0.01	<0.01
10/1/2009	<0.01	<0.01	1.9		
4/13/2010		<0.01	1.9	<0.01	<0.01
4/14/2010	<0.01				
10/6/2010		<0.01			
10/7/2010			1.6		
10/13/2010				<0.01	<0.01
10/14/2010	<0.01				
4/5/2011	0.0025	<0.01	1.1	<0.01	<0.01
10/4/2011		<0.01	1.1	<0.01	<0.01
10/12/2011	0.0037				
4/3/2012		<0.01	0.75	<0.01	
4/4/2012	<0.01				<0.01
9/18/2012		<0.01	0.88		
9/19/2012				<0.01	<0.01
9/24/2012	<0.01				
3/12/2013	<0.01	<0.01	0.23	<0.01	<0.01
9/9/2013		<0.01			
9/10/2013	<0.01		0.36	<0.01	<0.01
3/5/2014	0.0028	0.0026	0.33	0.0028	0.0029
9/3/2014					0.0011 (J)
9/8/2014		0.00055 (J)	0.47		
9/9/2014	0.00058 (J)			0.0014 (J)	
4/21/2015	0.0043		0.27		<0.01
4/22/2015		<0.01		<0.01	
9/29/2015	0.0031 (J)	0.0026 (J)	0.359	0.0016 (J)	0.0034 (J)
3/23/2016	0.00272 (J)	<0.01	0.102	<0.01	<0.01
9/7/2016	<0.01	0.0024 (J)	0.24		
9/8/2016				<0.01	<0.01
3/23/2017	0.0026 (J)	0.0035 (J)			
3/24/2017			0.0512	0.0031 (J)	
3/27/2017					0.0014 (J)
10/4/2017	<0.01	<0.01	0.159		
10/5/2017				<0.01	0.0013 (J)
3/14/2018				0.0053 (J)	
3/15/2018			0.12		<0.01
3/16/2018	<0.01	0.0029 (J)			
10/4/2018	0.0028 (J)	0.0039 (J)	0.22	0.0031 (J)	
10/5/2018					0.0044 (J)

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

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
4/8/2019		0.0013 (J)	0.051	0.0012 (J)	0.0016 (J)
4/9/2019	<0.01				
10/1/2019	0.0053 (J)	0.0056 (J)	0.12	0.0055 (J)	0.0052 (J)
3/27/2020				<0.01	<0.01
3/30/2020			0.051		
3/31/2020	<0.01	<0.01			
9/24/2020			0.07	<0.01	<0.01
9/25/2020	<0.01	<0.01			
3/9/2021	<0.01	<0.01	0.057	<0.01	<0.01
8/10/2021	<0.01	<0.01	0.093	<0.01	<0.01
2/4/2022	<0.01	<0.01	0.07	<0.01	<0.01
8/8/2022		<0.01			
8/9/2022	<0.01			<0.01	<0.01
8/10/2022			0.082		
1/31/2023	<0.01	<0.01	0.19	<0.01	<0.01
8/14/2023		<0.01			
8/15/2023	<0.01		0.2	<0.01	<0.01
2/20/2024	<0.01				<0.01
2/21/2024		<0.01	0.27	<0.01	
8/11/2024			0.16	<0.01	<0.01
8/12/2024	<0.01	<0.01			
2/11/2025	0.0029 (J)				<0.01
2/12/2025		<0.01	0.22	<0.01	
8/9/2025			0.18	<0.01	<0.01
8/10/2025	<0.01	<0.01			
2/8/2026	0.0029 (J)				
2/9/2026		<0.01	0.22	0.0017 (J)	0.002 (J)

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

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21
3/6/2007			<0.01		<0.01
3/7/2007	<0.01	<0.01		<0.01	
5/8/2007	<0.01				
5/9/2007		0.0026	0.0025	<0.01	<0.01
7/17/2007	0.0069	0.0043	0.0035	<0.01	0.0031
8/28/2007	<0.01	<0.01	<0.01		
8/29/2007				<0.01	0.0056
11/7/2007	<0.01	<0.01	<0.01	<0.01	0.0059
3/31/2008					0.0043
5/7/2008		<0.01	<0.01	<0.01	0.0059
5/9/2008	<0.01				
12/2/2008	<0.01				
12/3/2008		<0.01			
12/4/2008			<0.01		
12/5/2008				<0.01	<0.01
4/8/2009	<0.01				
4/14/2009		<0.01	<0.01	<0.01	
4/27/2009					0.0051
9/30/2009				<0.01	0.0066
10/1/2009	<0.01	<0.01			
10/2/2009			<0.01		
4/13/2010		<0.01	0.0043	<0.01	0.0041
4/14/2010	<0.01				
10/12/2010		<0.01	<0.01	<0.01	0.004
10/13/2010	<0.01				
4/6/2011	<0.01	<0.01	<0.01		
10/4/2011	<0.01				
10/5/2011					0.0043
10/12/2011		<0.01	<0.01	<0.01	
4/5/2012		<0.01	<0.01		
4/9/2012				<0.01	
4/10/2012	<0.01				0.0108
9/19/2012		<0.01			
9/25/2012			<0.01	<0.01	
9/26/2012	<0.01				0.0066
3/12/2013	<0.01				
3/13/2013		<0.01	<0.01	<0.01	0.0035
9/10/2013	<0.01	<0.01			
9/11/2013			<0.01	<0.01	0.005
3/4/2014	0.0026				
3/10/2014		0.0022 (J)	0.0031	0.0024 (J)	
3/11/2014					0.005
9/3/2014	0.00079 (J)	0.0013 (J)			
9/9/2014			0.00098 (J)	0.00078 (J)	0.0041
4/21/2015	<0.01				
4/22/2015		0.0019 (J)	0.0015 (J)		
4/23/2015				<0.01	
9/30/2015	0.0018 (J)	0.0037 (J)	0.002 (J)	0.0016 (J)	0.0031 (J)
3/23/2016	<0.01			<0.01	
3/24/2016		<0.01	<0.01		0.00393 (J)
9/7/2016	<0.01				
9/8/2016		0.0024 (J)	0.0029 (J)	<0.01	0.0047 (J)

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

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21
3/27/2017	0.0014 (J)	<0.01	0.0019 (J)	0.0017 (J)	0.0036 (J)
10/5/2017	<0.01	<0.01	0.0024 (J)	0.0016 (J)	0.0065 (J)
3/15/2018	<0.01		<0.01		0.0053 (J)
3/16/2018		<0.01		<0.01	
10/4/2018	0.0033 (J)		0.013		0.0077 (J)
10/5/2018		0.0029 (J)		<0.01	
4/9/2019	<0.01	0.0037 (J)	<0.01	<0.01	0.0041 (J)
10/1/2019	0.0049 (J)	0.006 (J)	0.0049 (J)	0.0063 (J)	0.0078 (J)
3/27/2020	<0.01				
3/30/2020		<0.01			
3/31/2020			<0.01	<0.01	<0.01
9/23/2020				<0.01	
9/24/2020		<0.01			0.0046 (J)
9/25/2020	<0.01				
9/28/2020			0.0033 (J)		
3/9/2021	<0.01	<0.01			0.0033 (J)
3/10/2021			<0.01	<0.01	
8/10/2021	<0.01	<0.01	<0.01	<0.01	<0.01
2/4/2022	<0.01	<0.01			
2/7/2022			<0.01	<0.01	<0.01
8/9/2022	<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
8/14/2023	<0.01				
8/15/2023		<0.01	<0.01	<0.01	<0.01
2/19/2024	<0.01				
2/20/2024		<0.01	<0.01	<0.01	0.0068 (J)
8/11/2024	<0.01			<0.01	0.0048 (J)
8/12/2024		<0.01	<0.01		
2/11/2025	<0.01		<0.01	<0.01	0.0058 (J)
2/12/2025		<0.01			
8/9/2025	<0.01				0.0033 (J)
8/10/2025		<0.01	<0.01	<0.01	
2/8/2026	<0.01		<0.01		
2/9/2026				<0.01	0.0041 (J)
2/10/2026		<0.01			

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

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-22	GWC-23
3/6/2007	<0.01	0.0054
5/9/2007	0.0035	0.0041
7/17/2007	<0.01	0.005
8/29/2007	<0.01	0.0044
11/7/2007	<0.01	<0.01
3/31/2008		0.0036
5/7/2008	<0.01	<0.01
12/5/2008	<0.01	<0.01
4/14/2009	<0.01	<0.01
9/30/2009	<0.01	
10/1/2009		<0.01
4/13/2010	<0.01	
4/14/2010		<0.01
10/12/2010	<0.01	
10/13/2010		<0.01
4/6/2011	<0.01	<0.01
10/5/2011	<0.01	
10/12/2011		<0.01
4/9/2012	<0.01	<0.01
9/19/2012		<0.01
9/25/2012	<0.01	
3/13/2013	<0.01	<0.01
9/10/2013		<0.01
9/11/2013	<0.01	
3/11/2014	0.0037	0.0033
9/3/2014		0.0014 (J)
9/9/2014	0.0006 (J)	
4/23/2015	<0.01	0.0024 (J)
9/30/2015	0.0021 (J)	0.0041 (J)
3/23/2016	<0.01	<0.01
9/8/2016	<0.01	<0.01
3/27/2017	<0.01	0.0014 (J)
10/5/2017	<0.01	0.0014 (J)
3/15/2018	<0.01	0.0039 (J)
10/4/2018	0.003 (J)	
10/5/2018		0.0048 (J)
4/8/2019		0.0016 (J)
4/9/2019	<0.01	
10/1/2019	0.0054 (J)	0.0057 (J)
3/26/2020		<0.01
3/31/2020	<0.01	
9/23/2020	<0.01	0.0022 (J)
3/9/2021	<0.01	<0.01
8/10/2021	<0.01	<0.01
2/7/2022	<0.01	<0.01
8/8/2022		<0.01
8/9/2022	<0.01	
1/31/2023	<0.01	<0.01
8/14/2023		<0.01
8/15/2023	<0.01	
2/20/2024	<0.01	<0.01
8/11/2024	<0.01	

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

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/5/2026 12:07 PM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-22	GWC-23
8/12/2024		<0.01
2/11/2025	<0.01	
2/12/2025		0.0029 (J)
8/9/2025	<0.01	
8/10/2025		<0.01
2/9/2026	<0.01	0.0015 (J)

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

FIGURE B.

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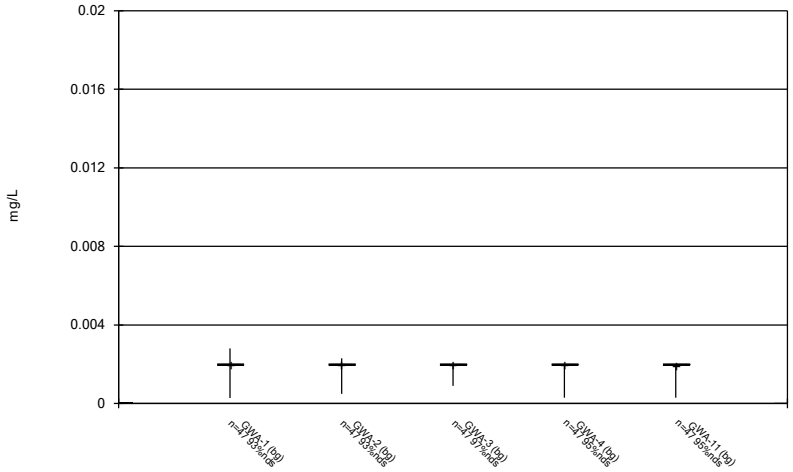
Box & Whiskers Plot



Constituent: Antimony Analysis Run 6/5/2026 12:08 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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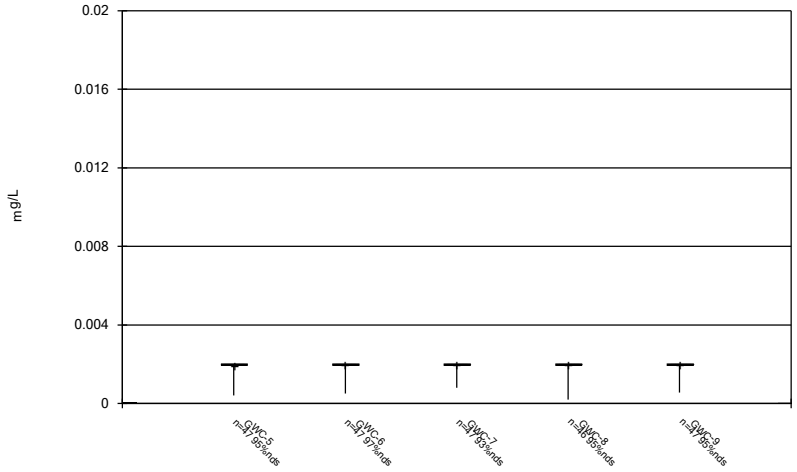
Box & Whiskers Plot



Constituent: Antimony Analysis Run 6/5/2026 12:08 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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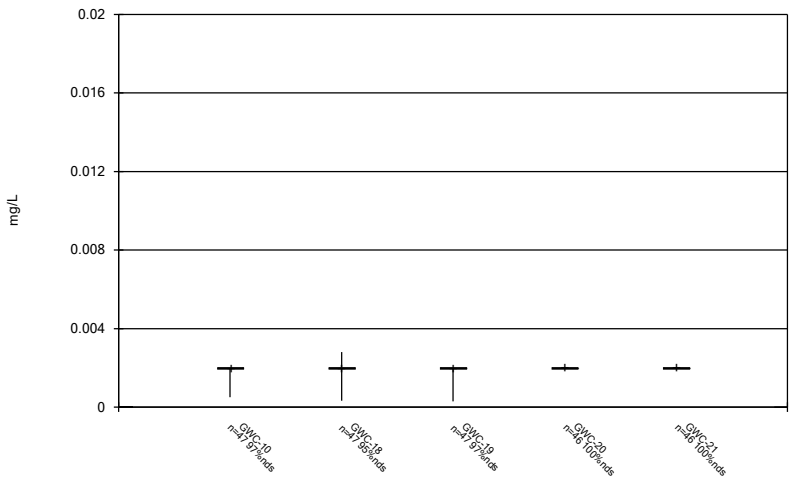
Box & Whiskers Plot



Constituent: Antimony Analysis Run 6/5/2026 12:08 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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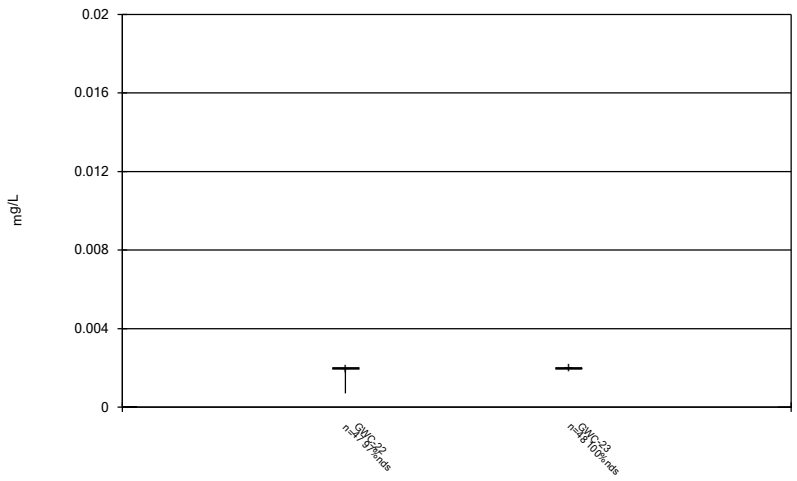
Box & Whiskers Plot



Constituent: Antimony Analysis Run 6/5/2026 12:08 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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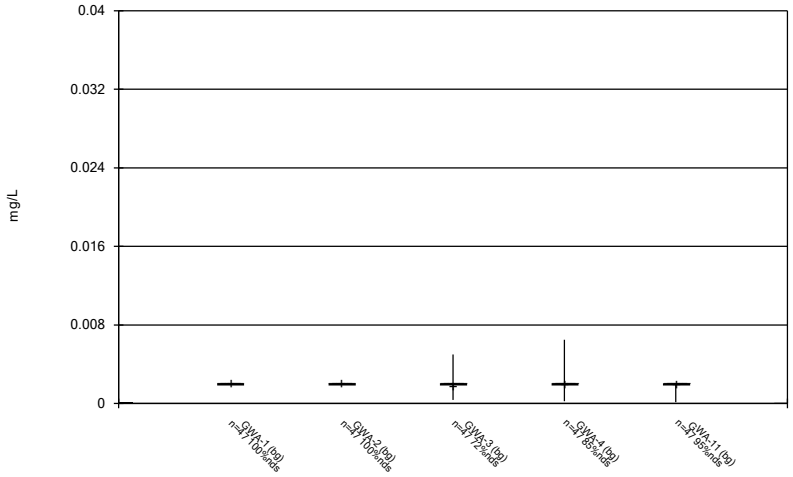
Box & Whiskers Plot



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Plant Hammond Client: Southern Company Data: Huffaker Road LF

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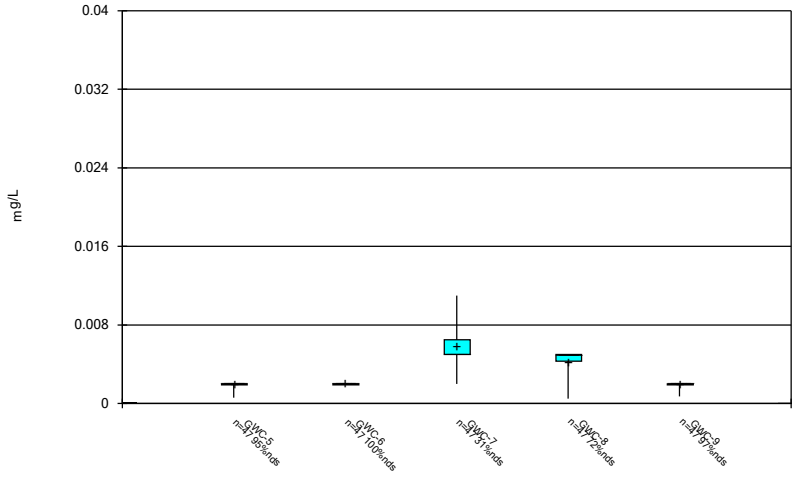
Box & Whiskers Plot



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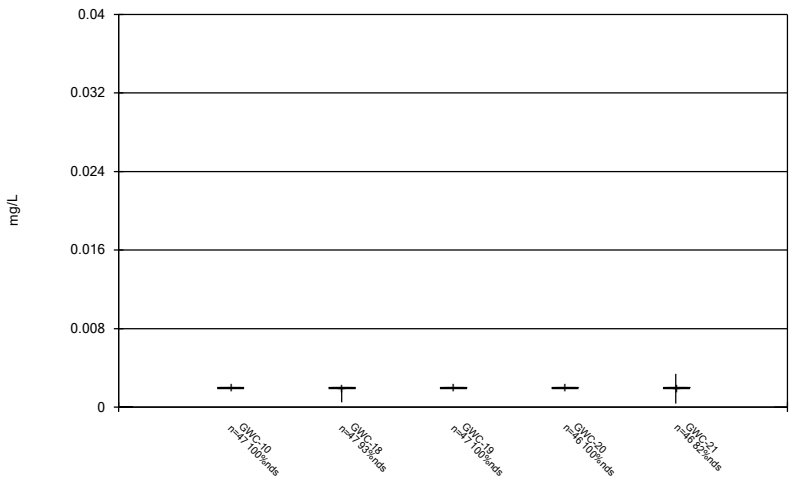

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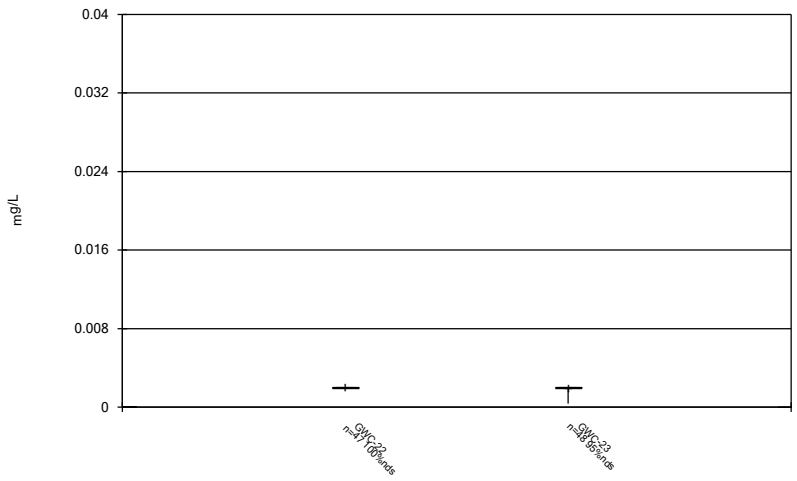

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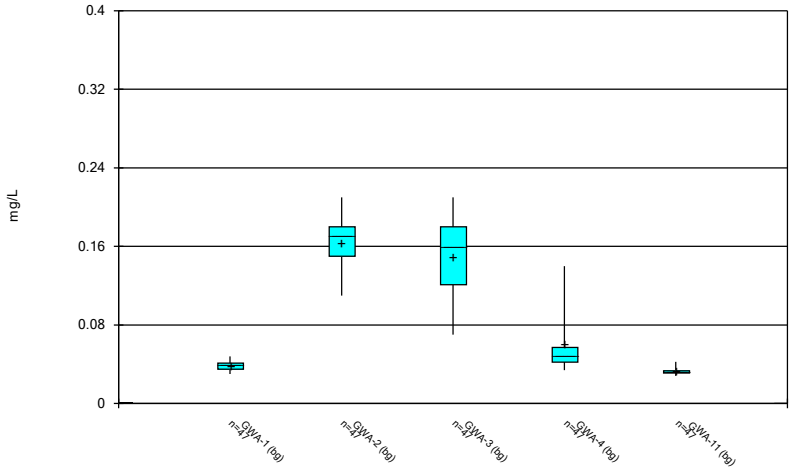

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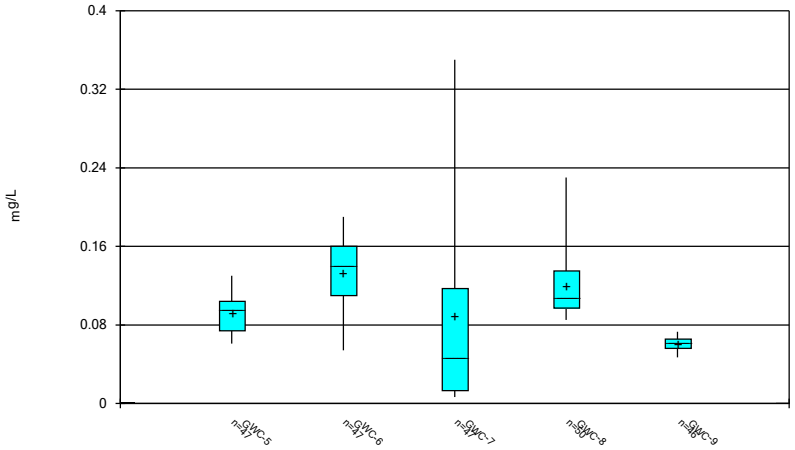

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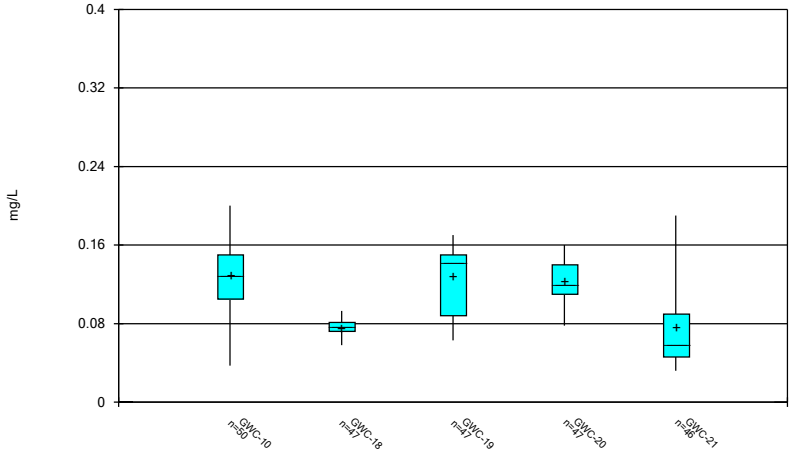

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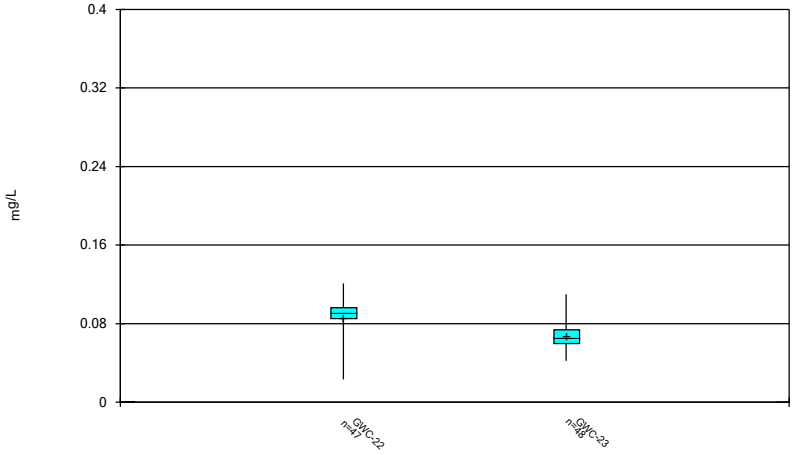

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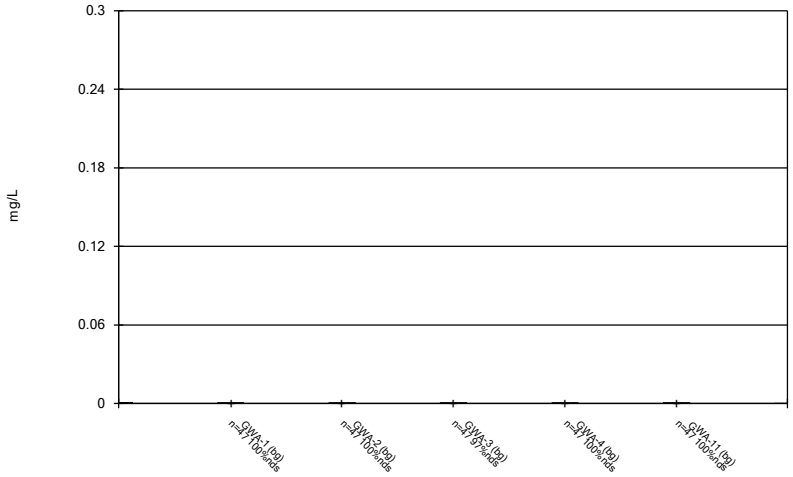

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Plant Hammond Client: Southern Company Data: Huffaker Road LF

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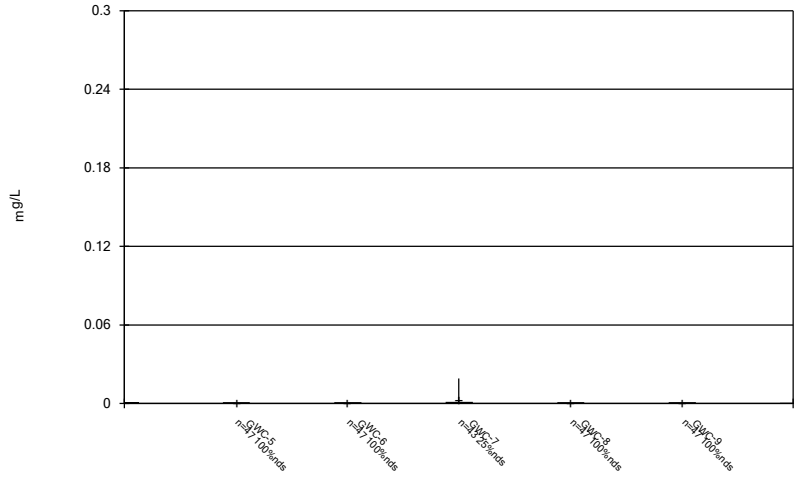
Box & Whiskers Plot



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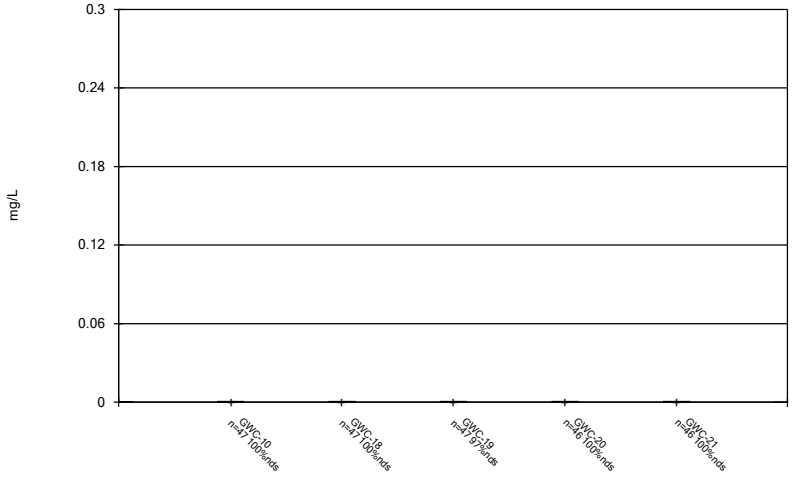

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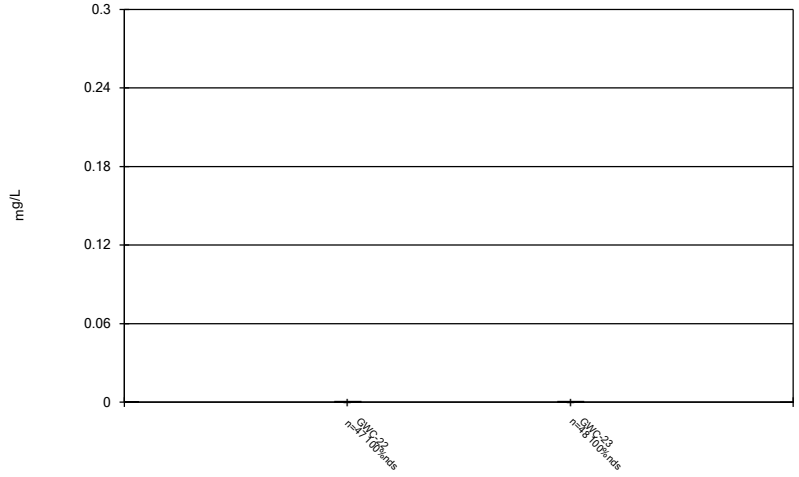

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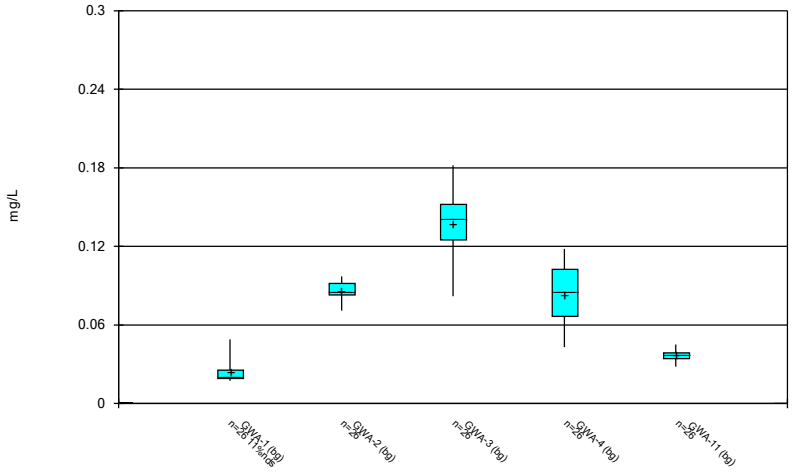

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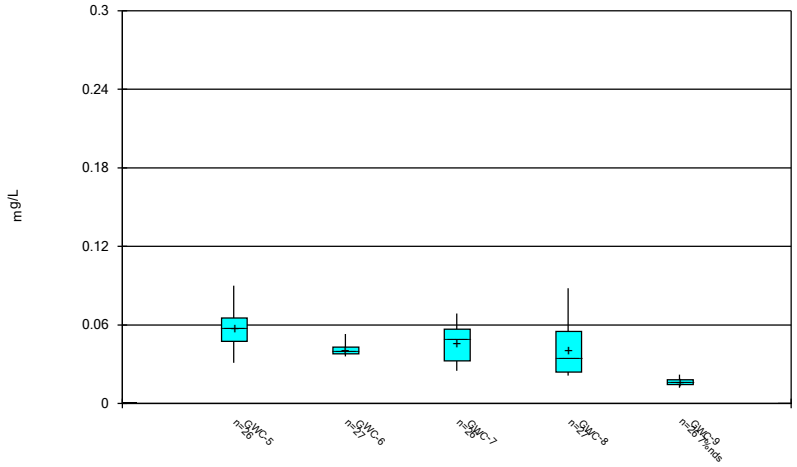

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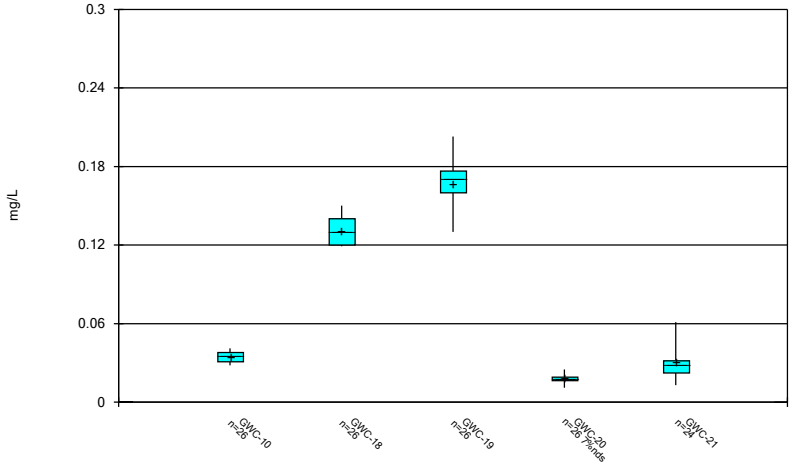

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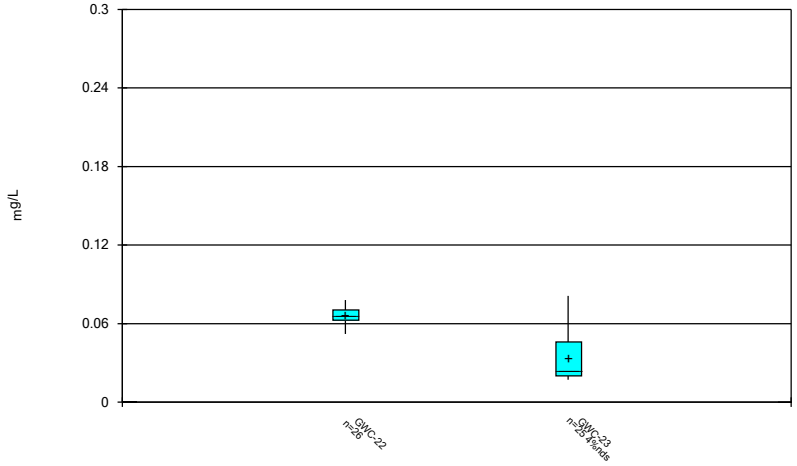

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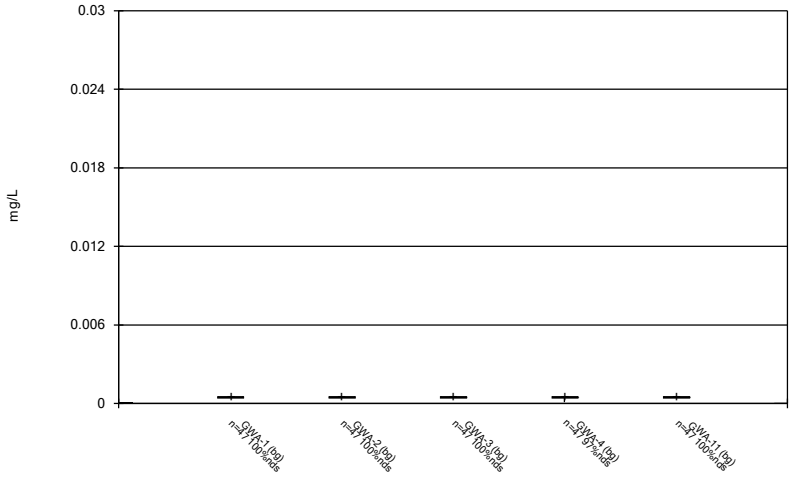

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Plant Hammond Client: Southern Company Data: Huffaker Road LF

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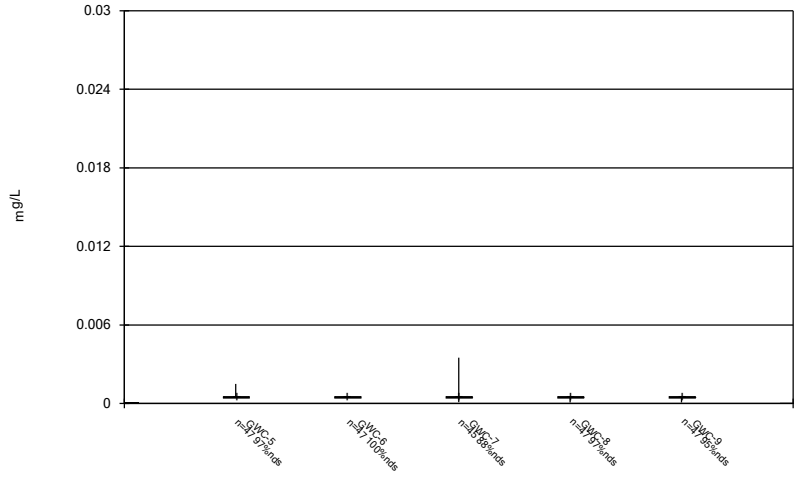

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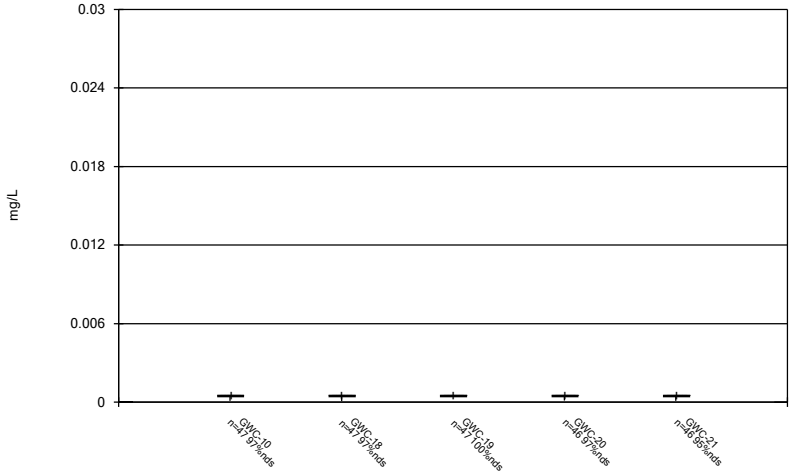

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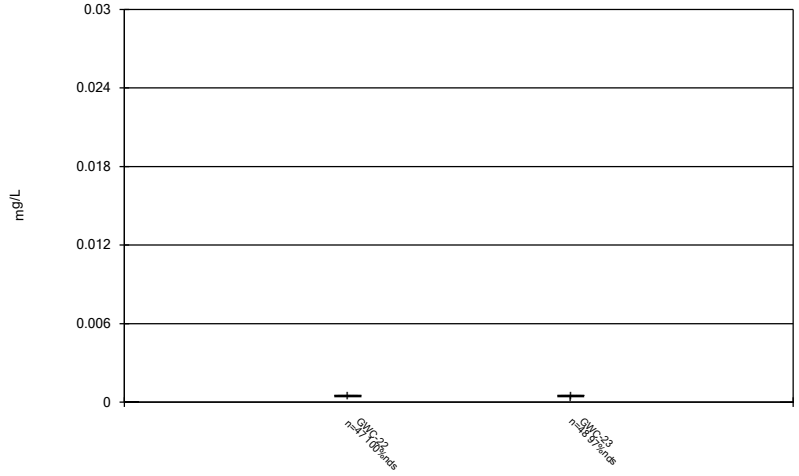

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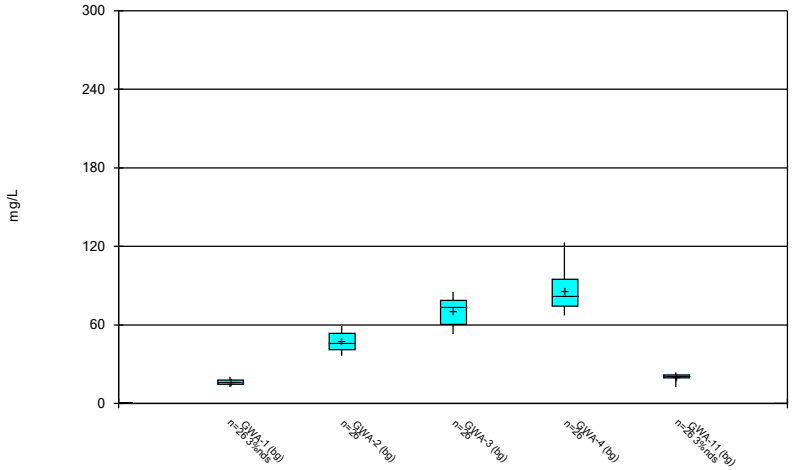

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Plant Hammond Client: Southern Company Data: Huffaker Road LF

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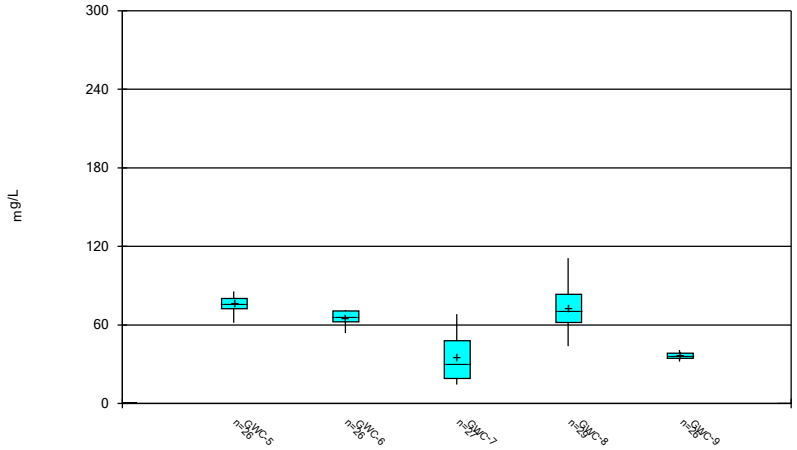
Box & Whiskers Plot



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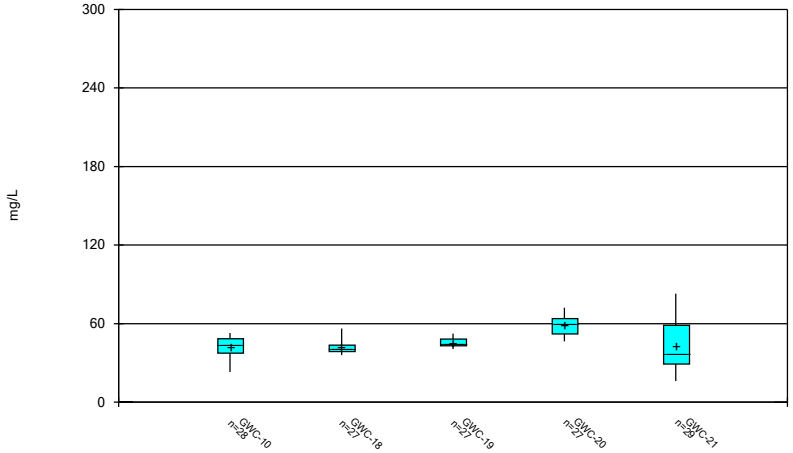

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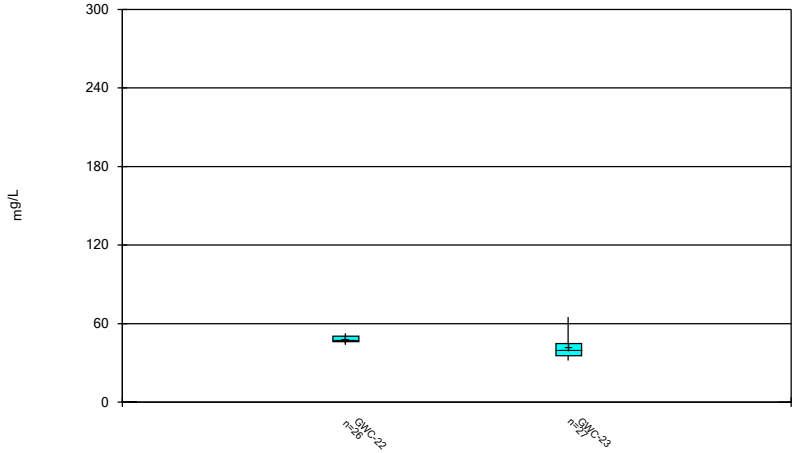

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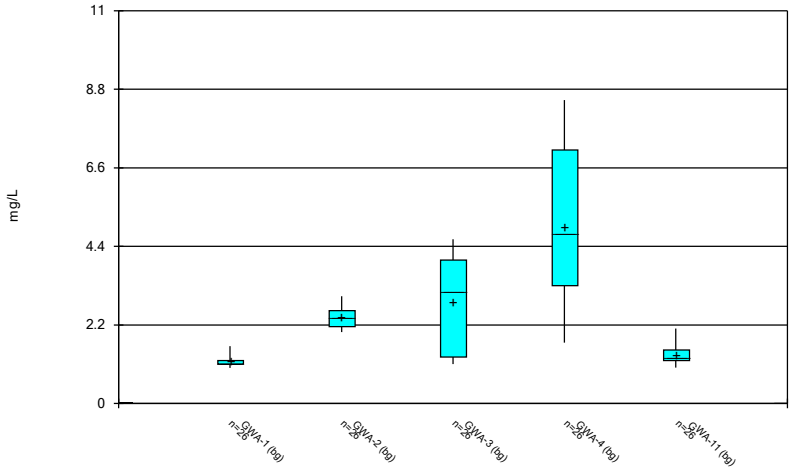

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Plant Hammond Client: Southern Company Data: Huffaker Road LF

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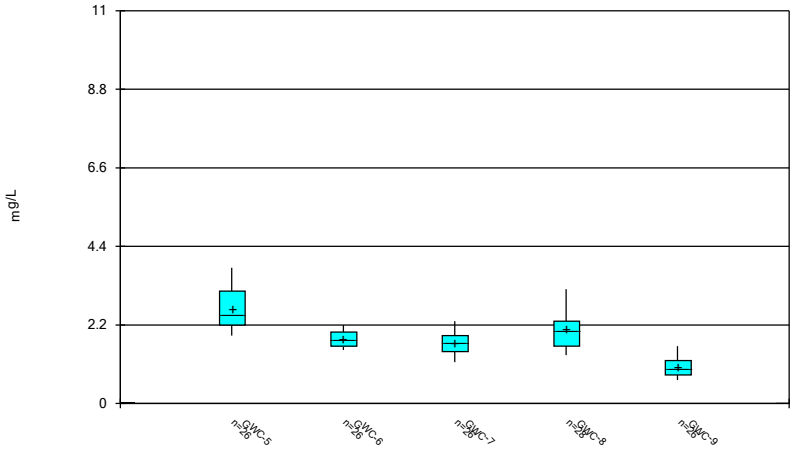
Box & Whiskers Plot



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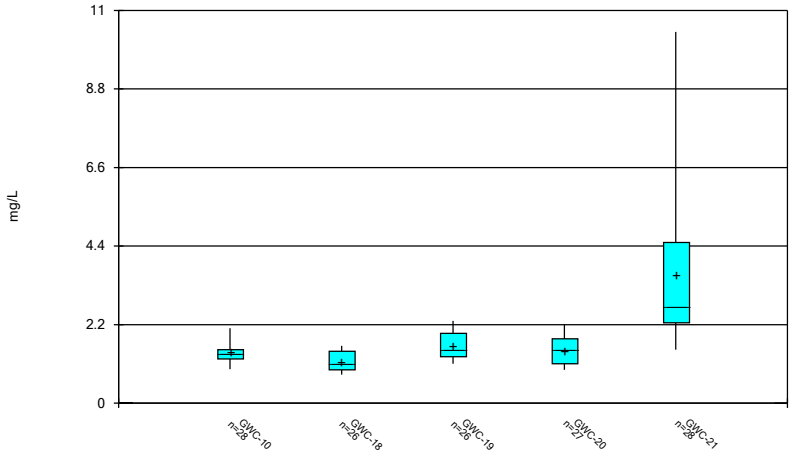

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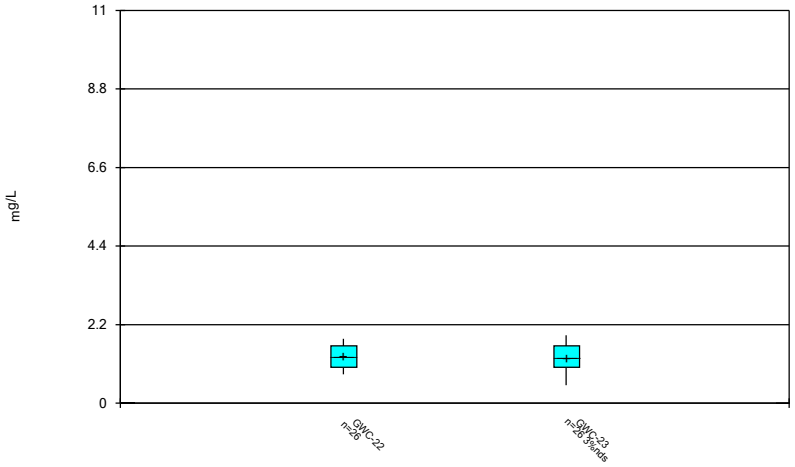

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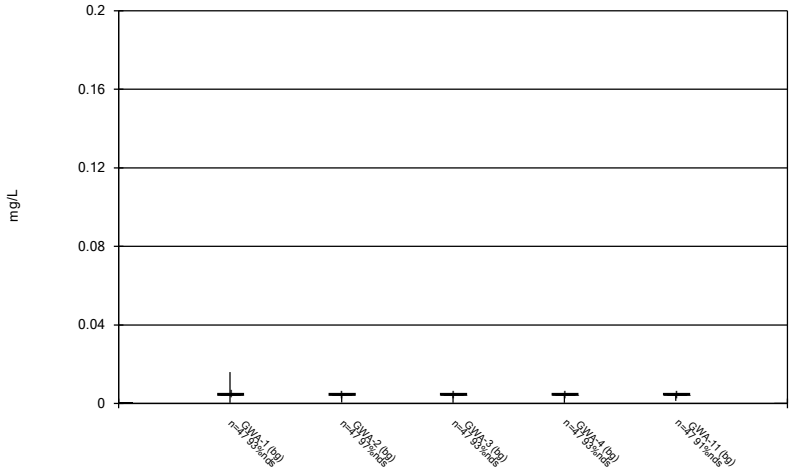

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Plant Hammond Client: Southern Company Data: Huffaker Road LF

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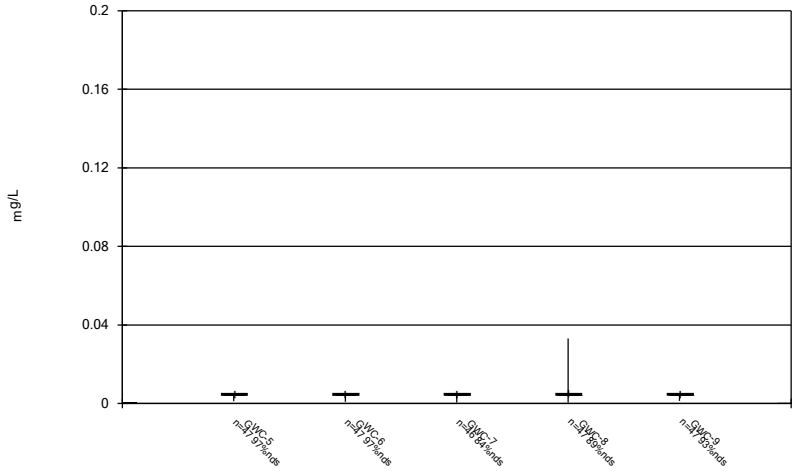
Box & Whiskers Plot



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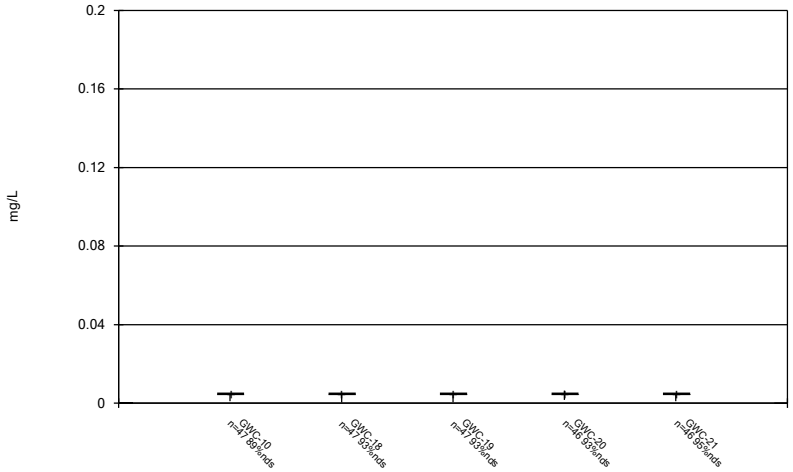

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Plant Hammond Client: Southern Company Data: Huffaker Road LF

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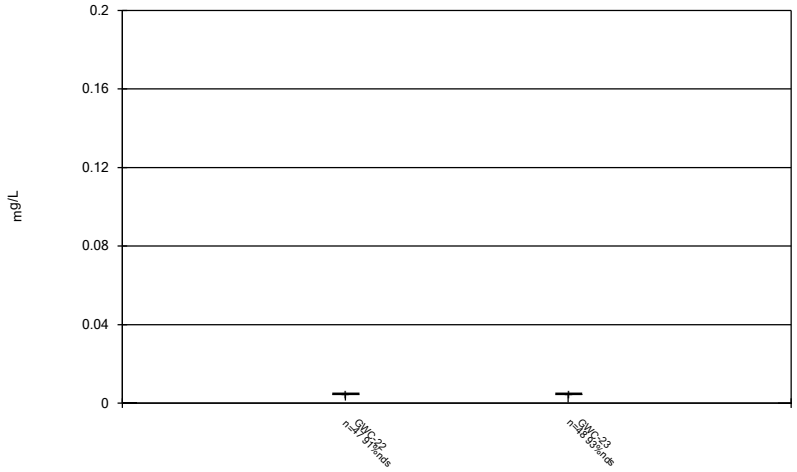

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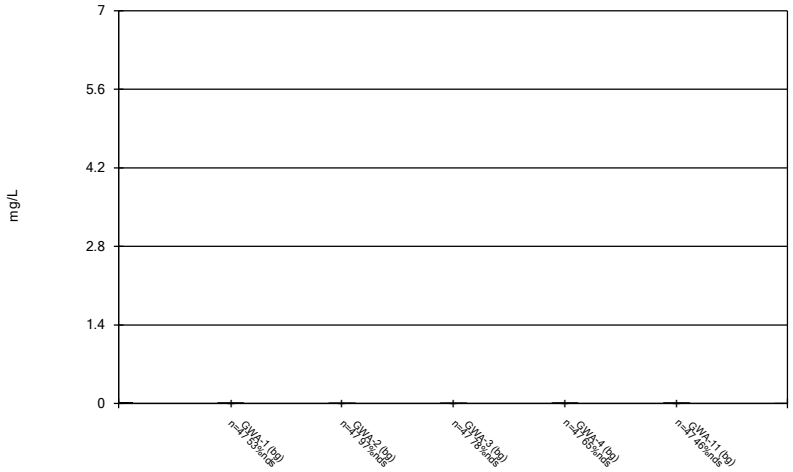

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Plant Hammond Client: Southern Company Data: Huffaker Road LF

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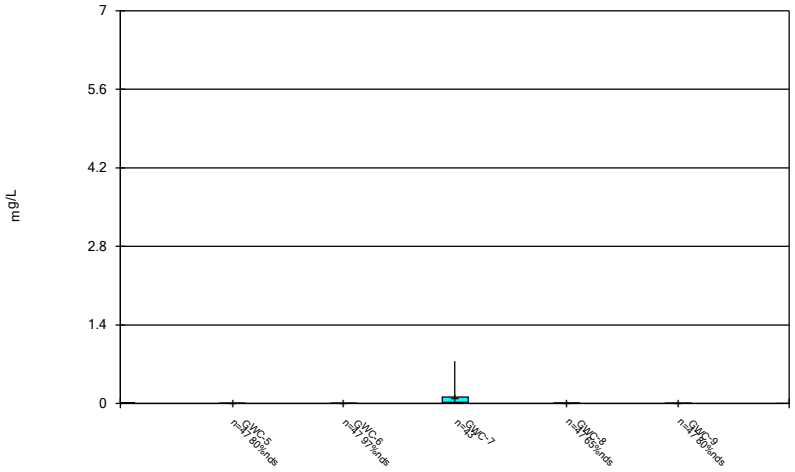

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Plant Hammond Client: Southern Company Data: Huffaker Road LF

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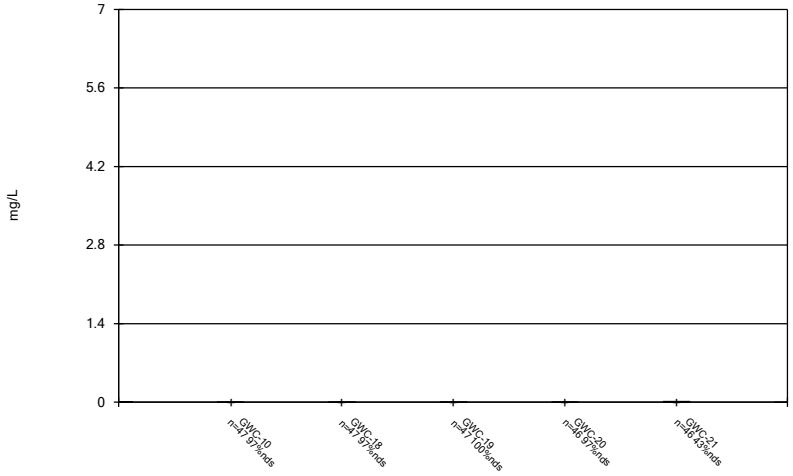

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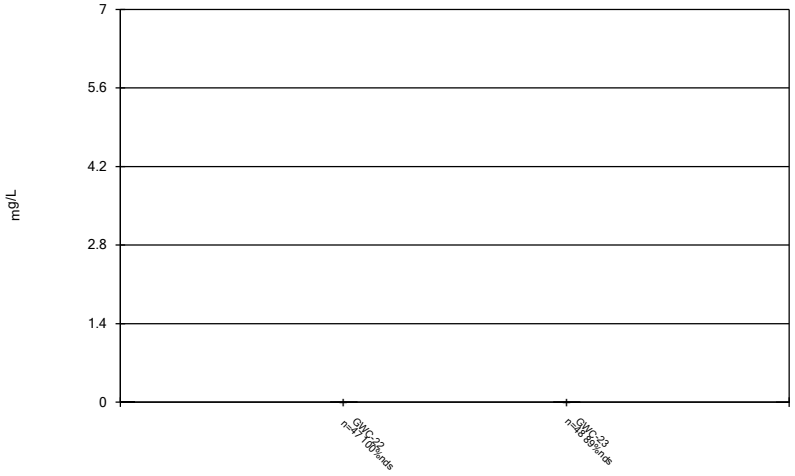

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Plant Hammond Client: Southern Company Data: Huffaker Road LF

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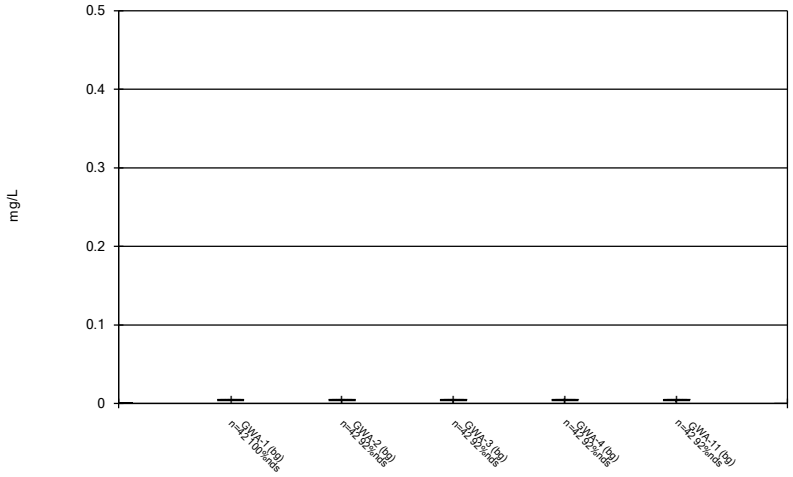

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Plant Hammond Client: Southern Company Data: Huffaker Road LF

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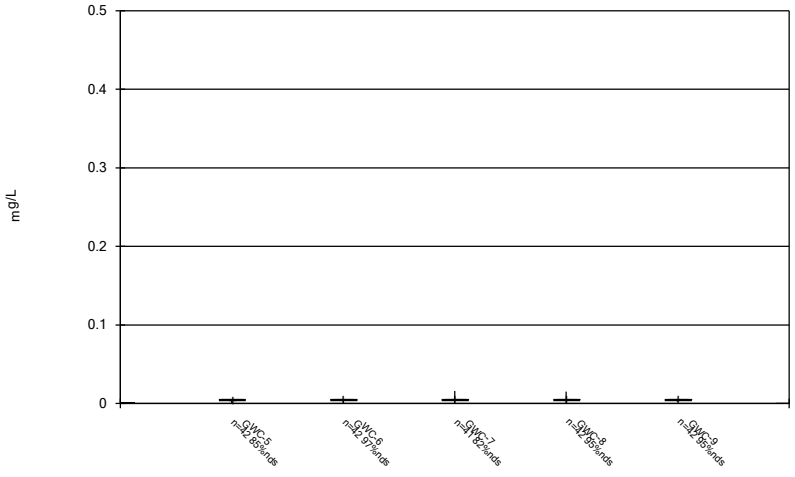
Box & Whiskers Plot



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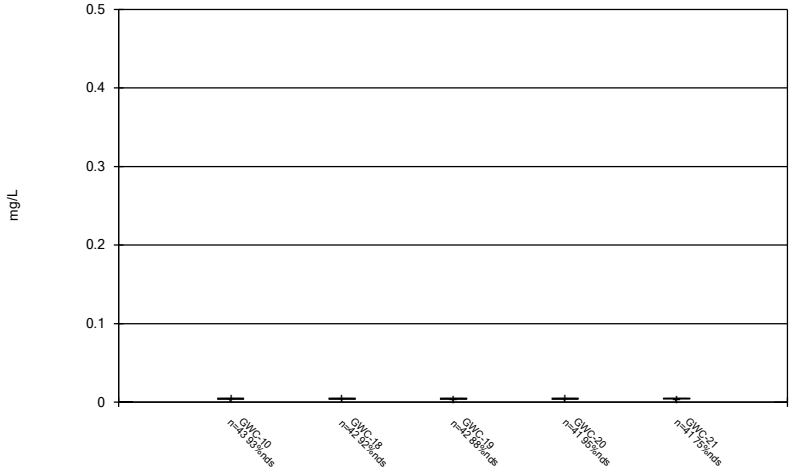

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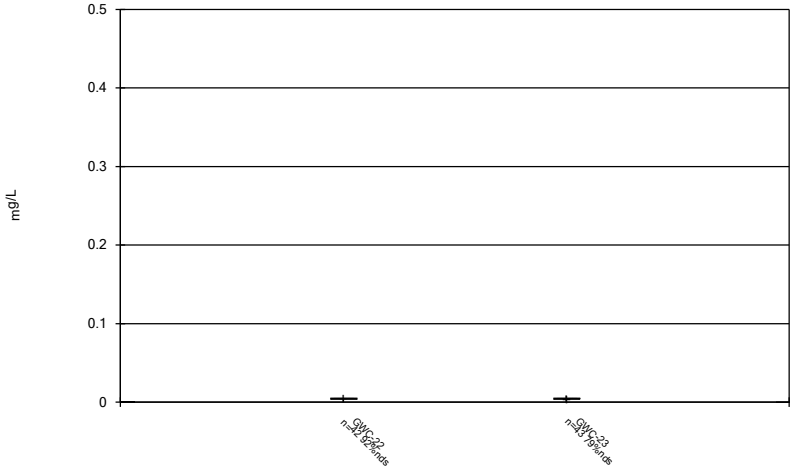

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Plant Hammond Client: Southern Company Data: Huffaker Road LF

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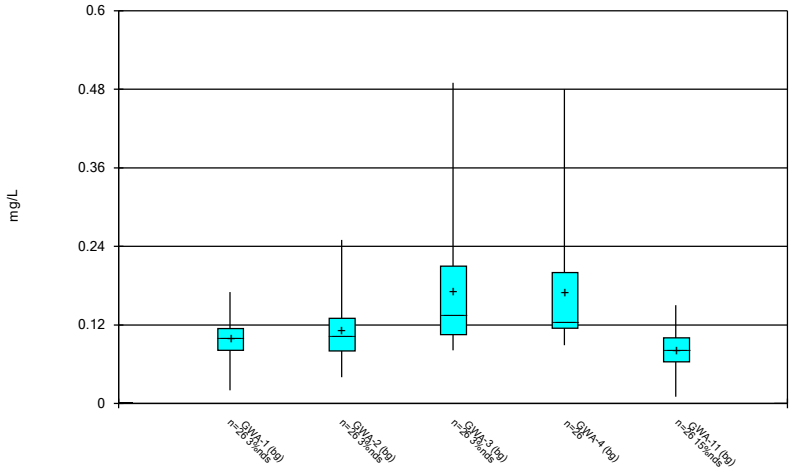
Box & Whiskers Plot



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Plant Hammond Client: Southern Company Data: Huffaker Road LF

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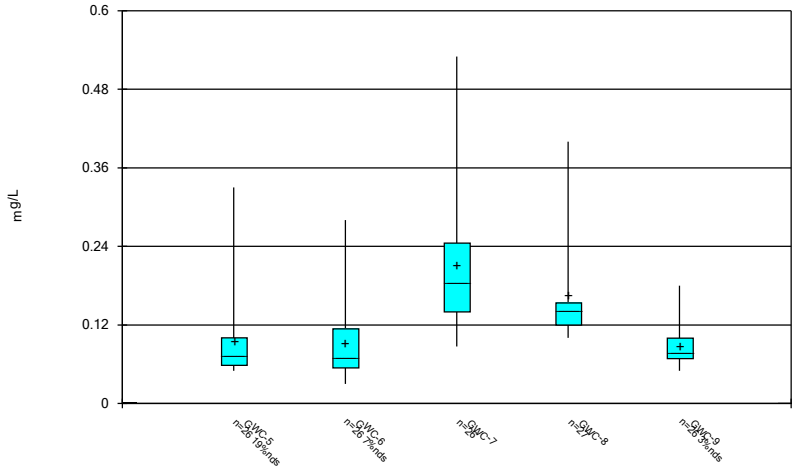
Box & Whiskers Plot



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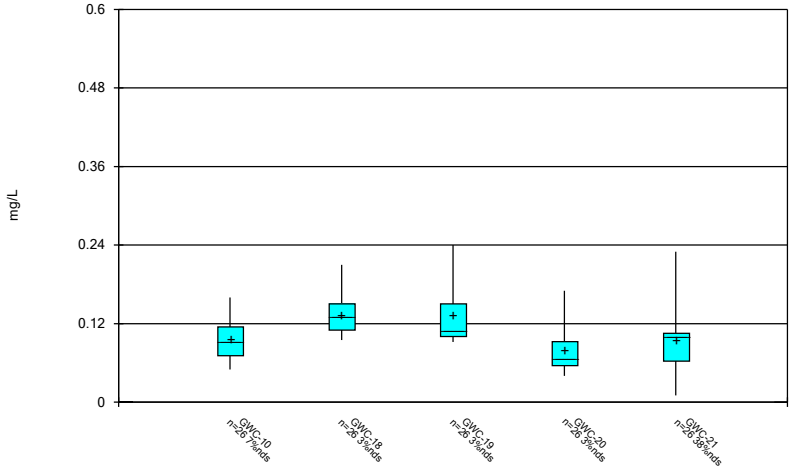

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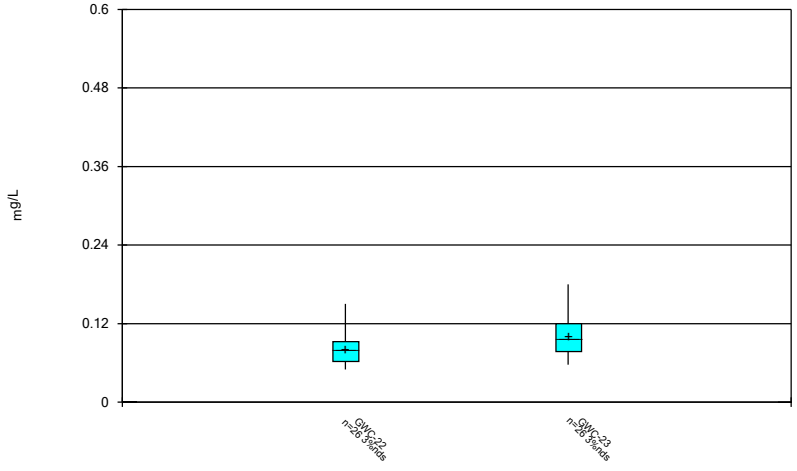

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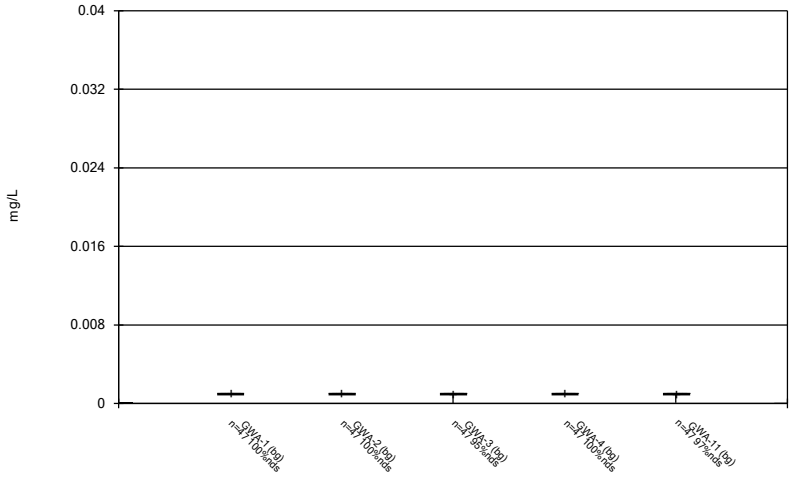

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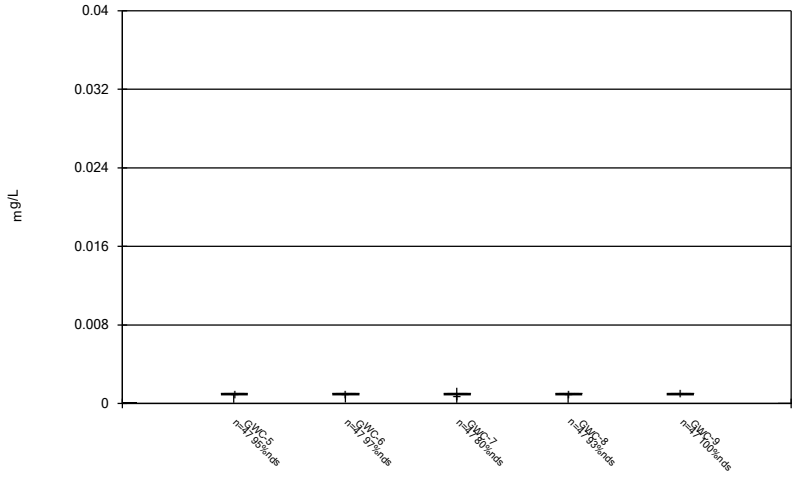

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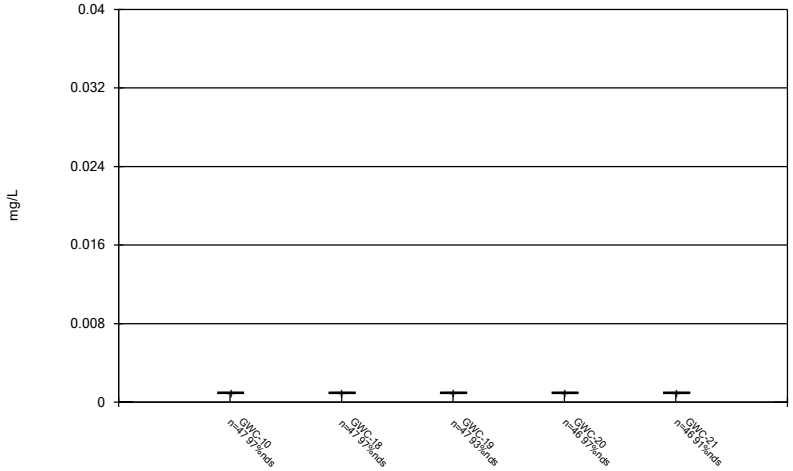

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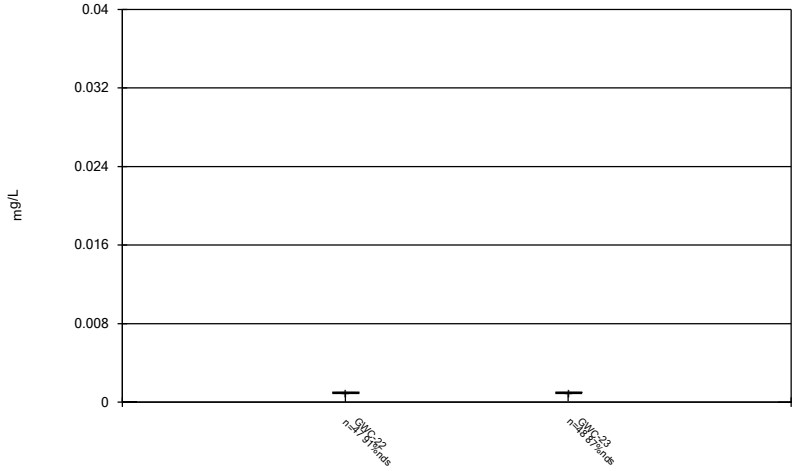

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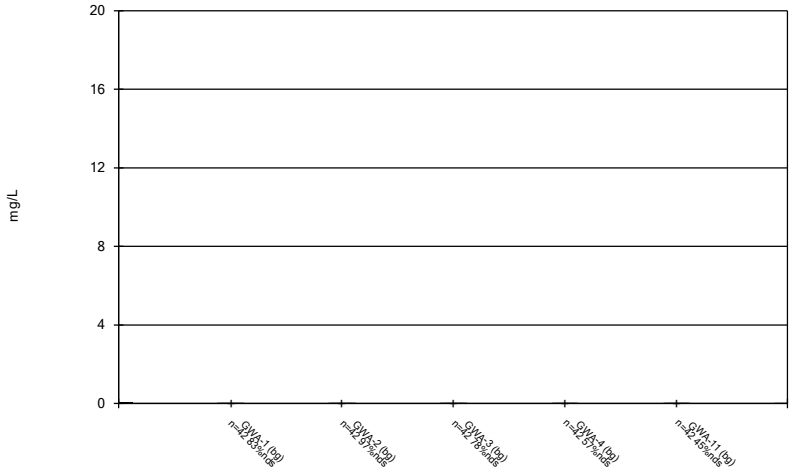

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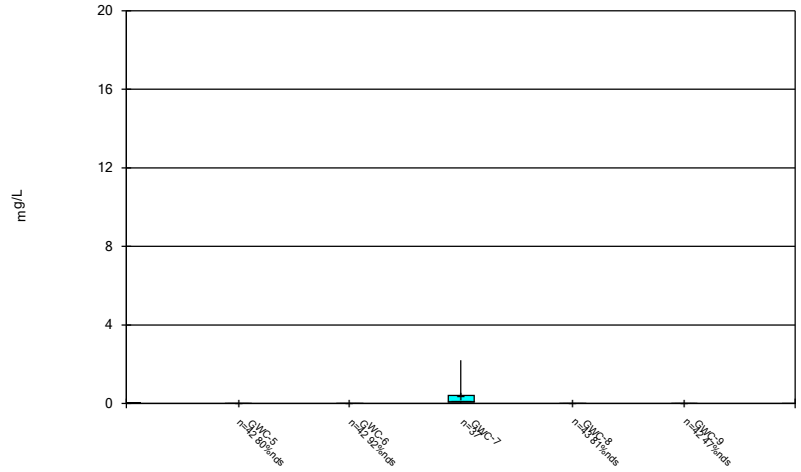

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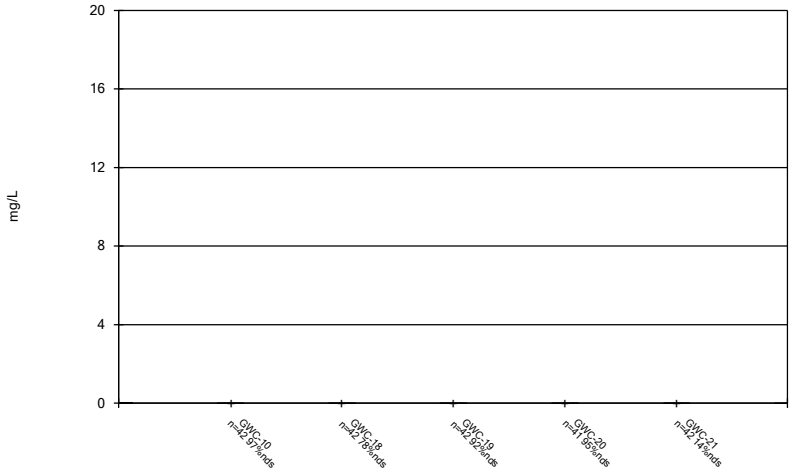

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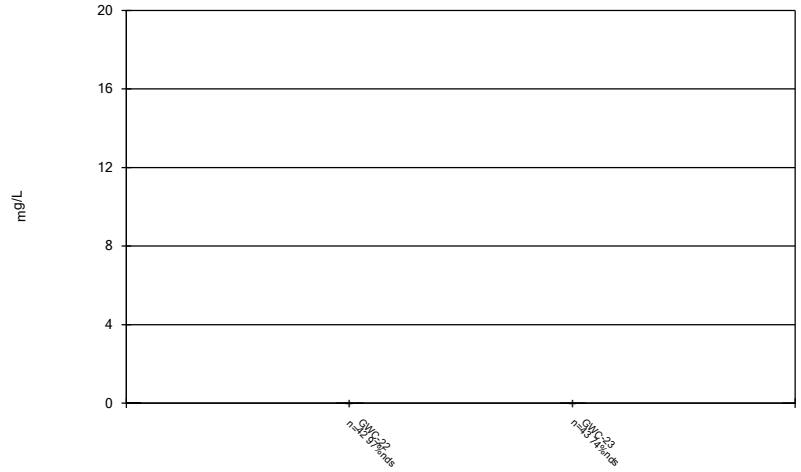

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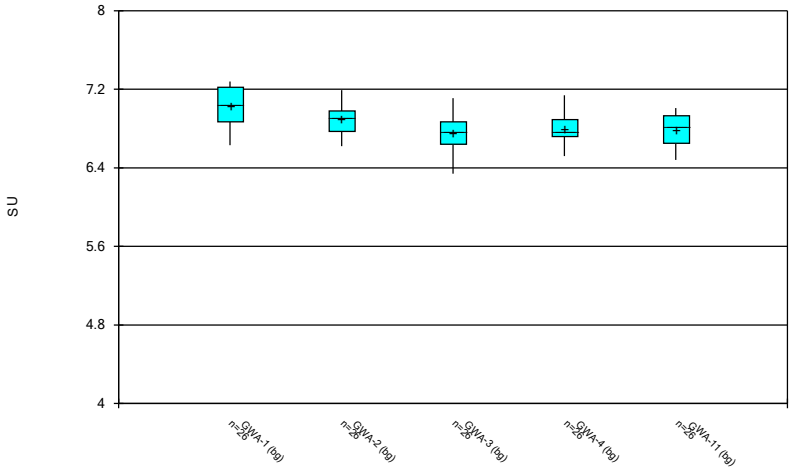

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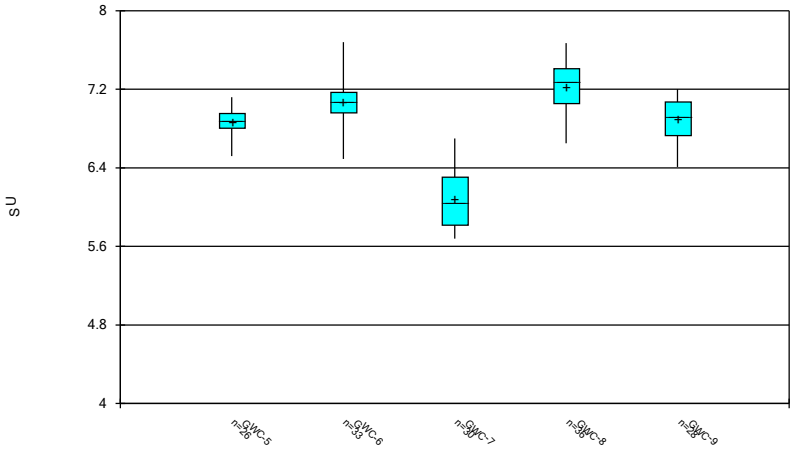

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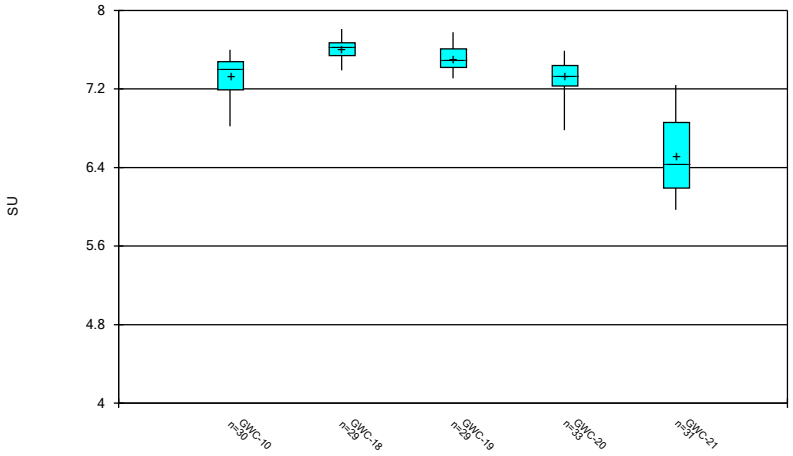

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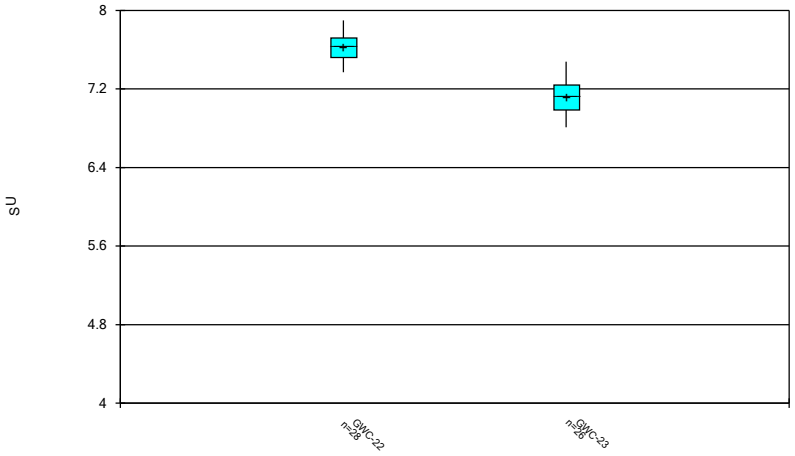

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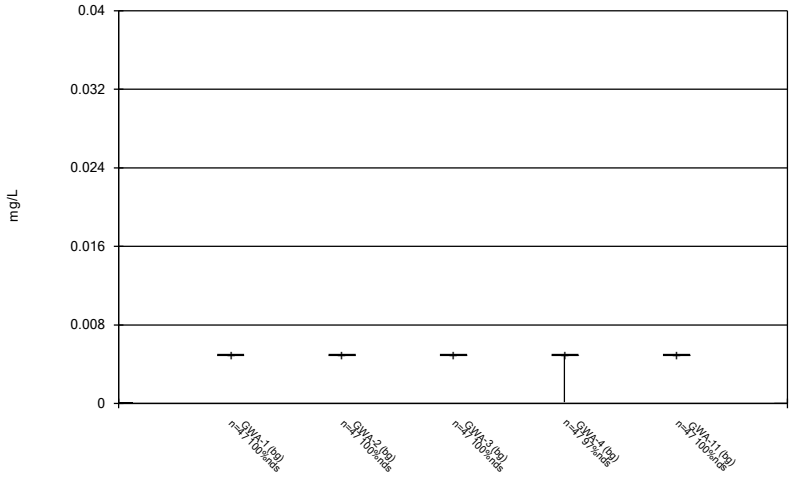

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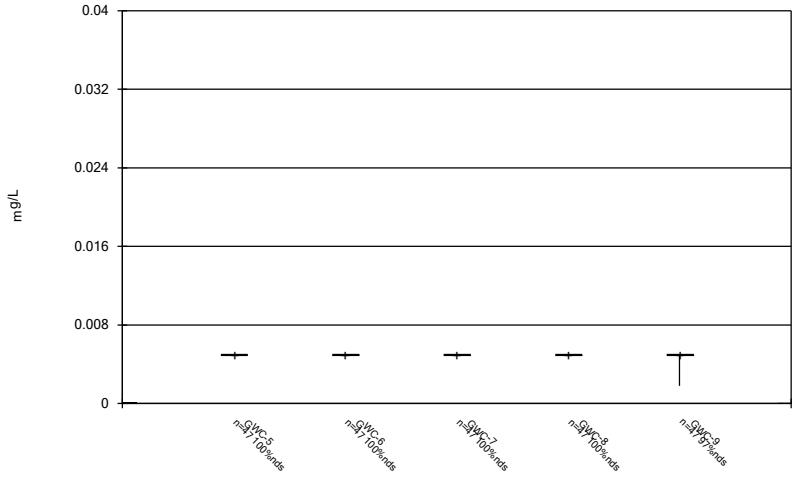

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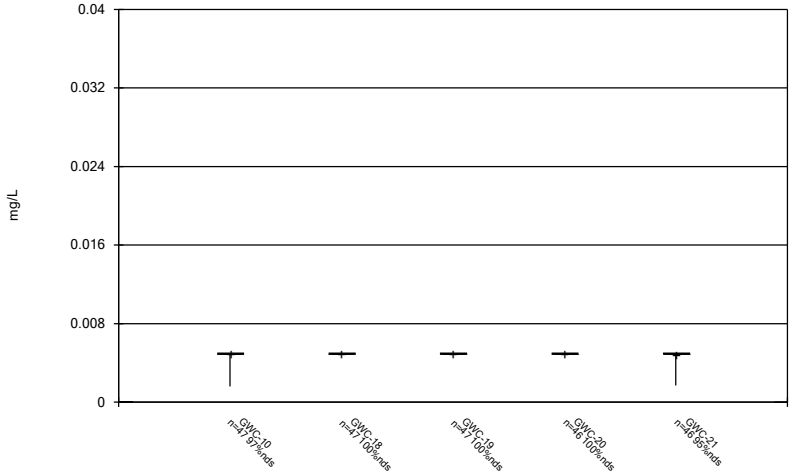

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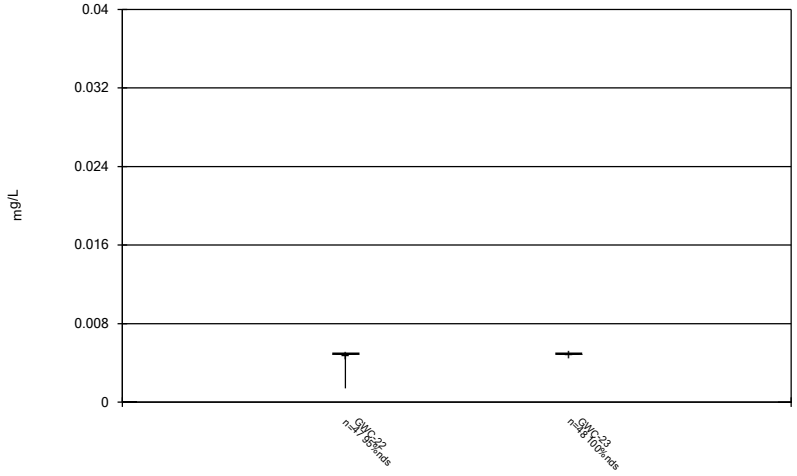

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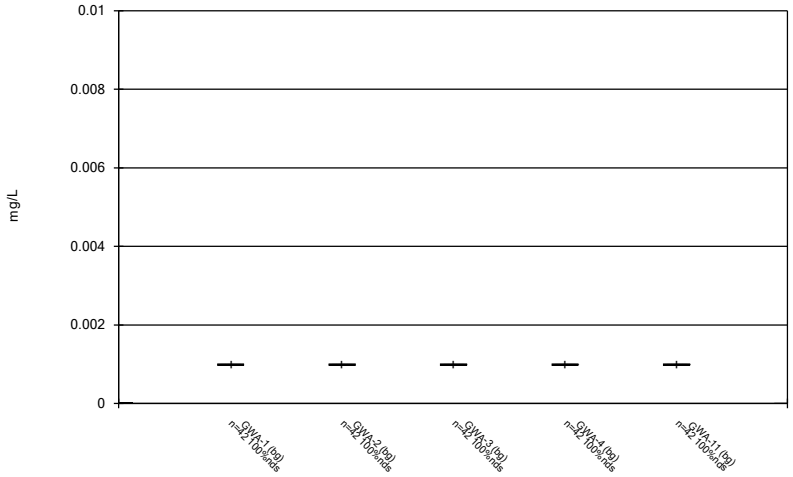

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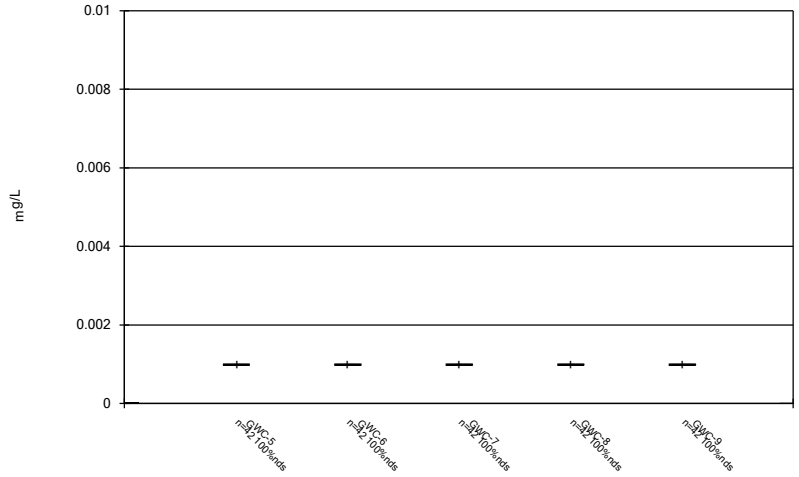

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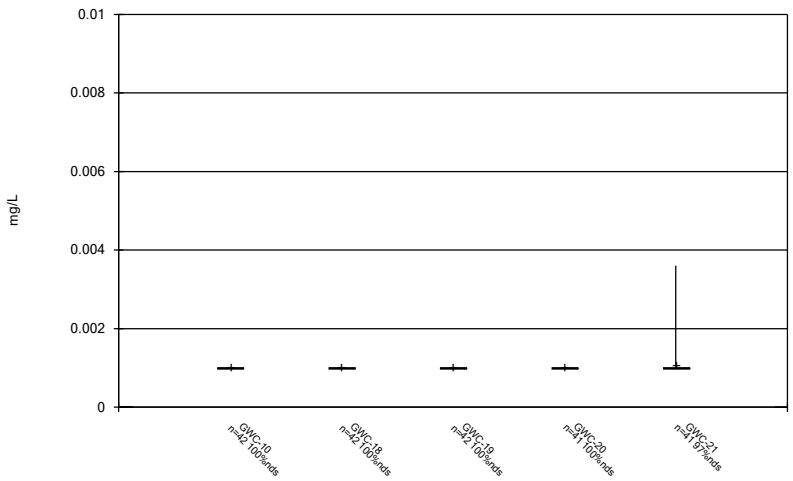

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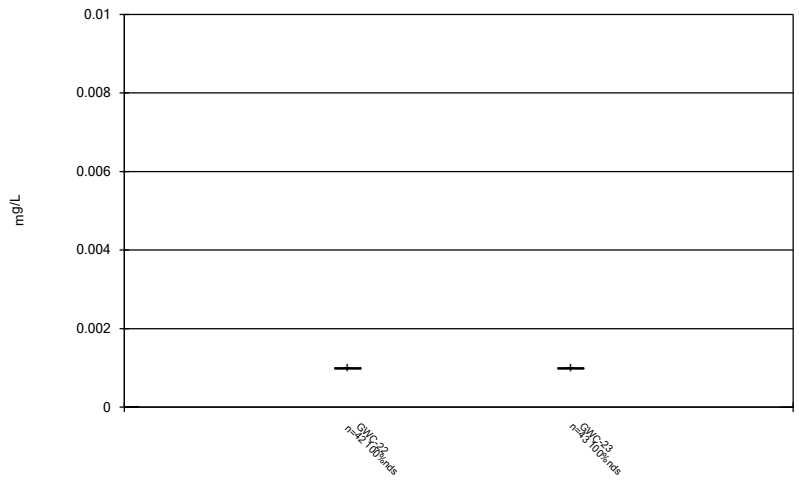

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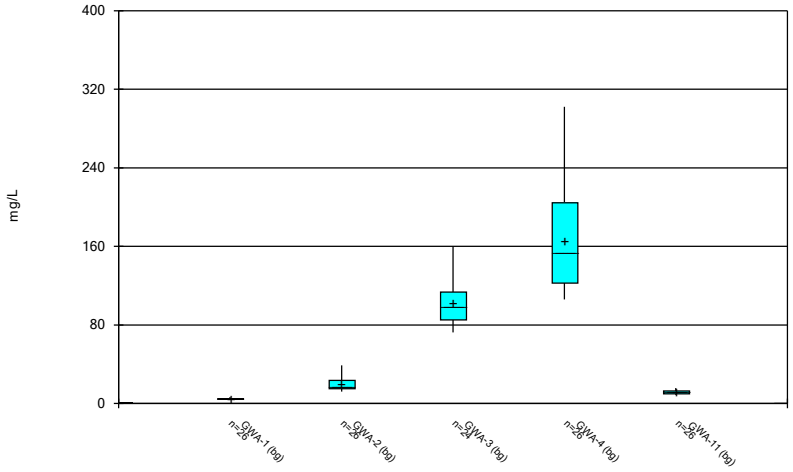

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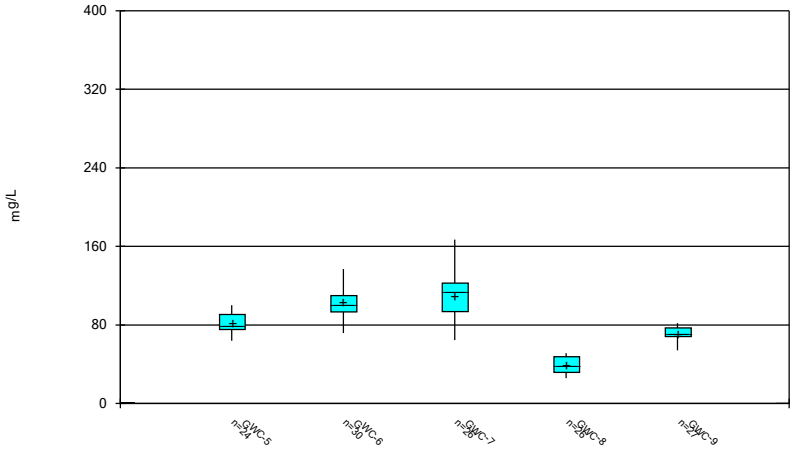

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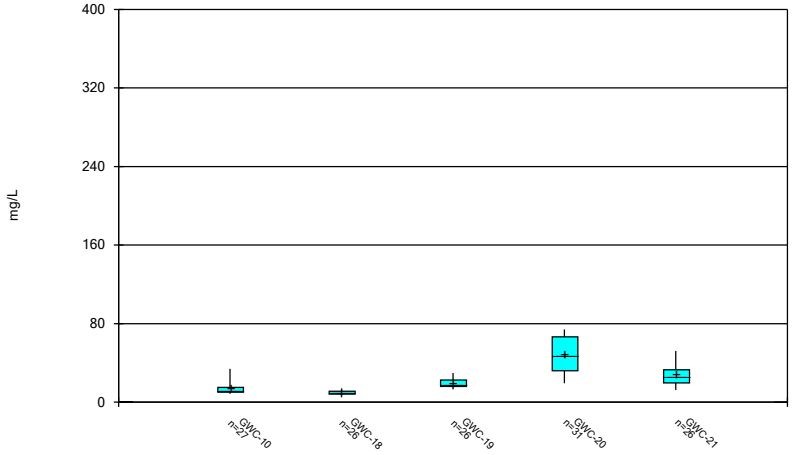

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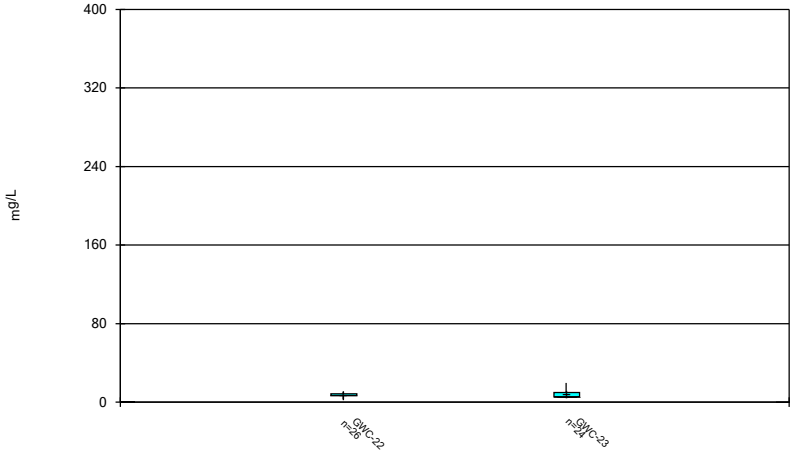

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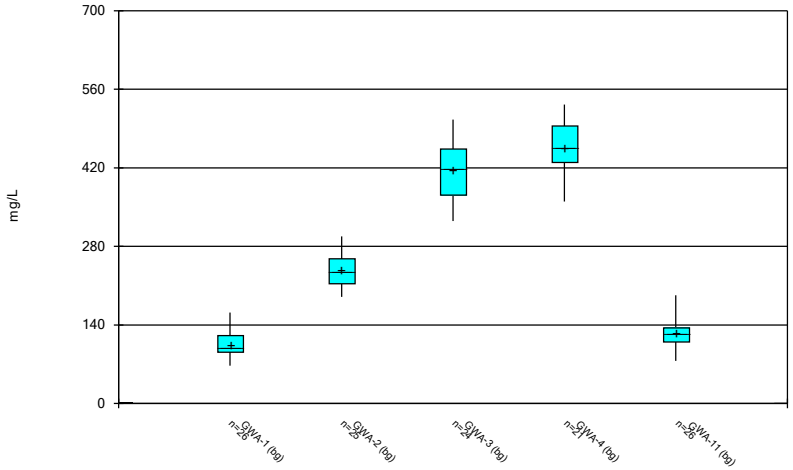

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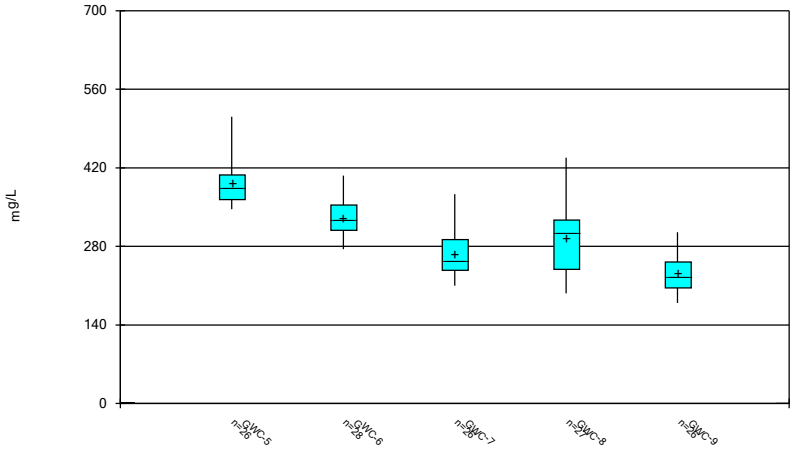

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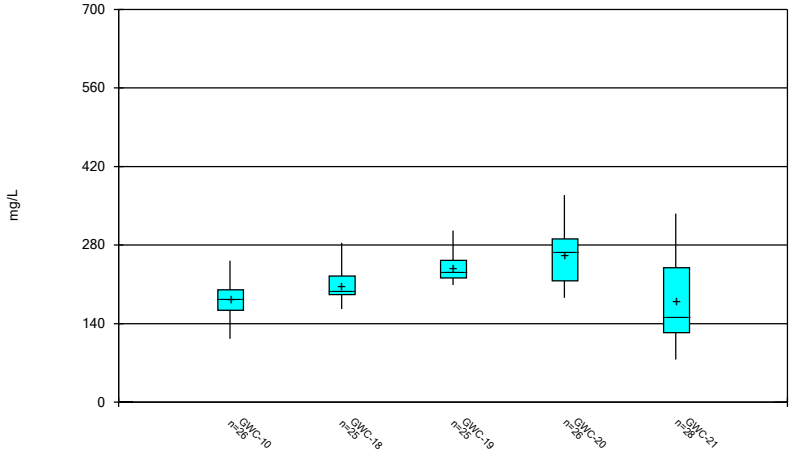

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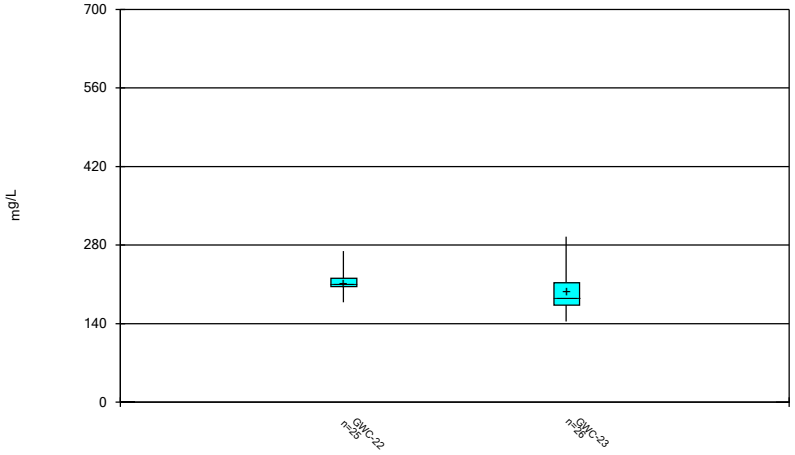

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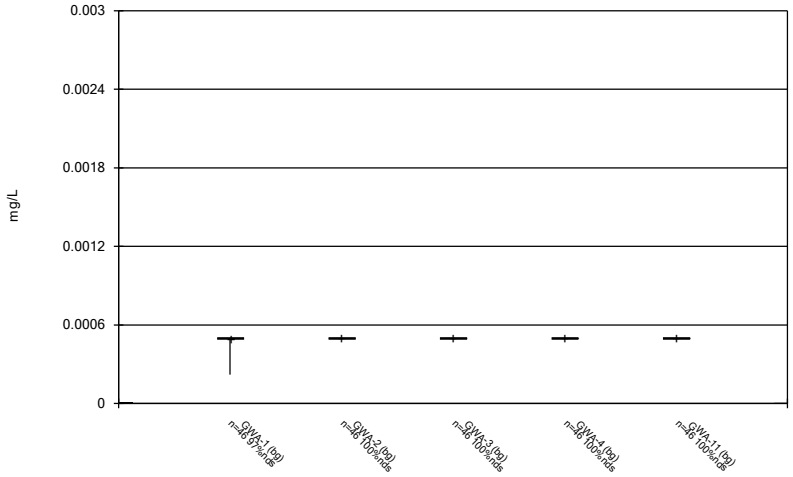

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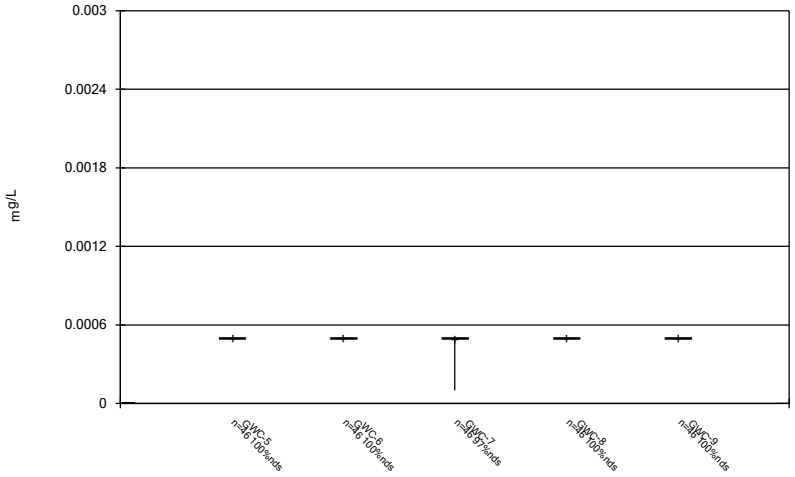

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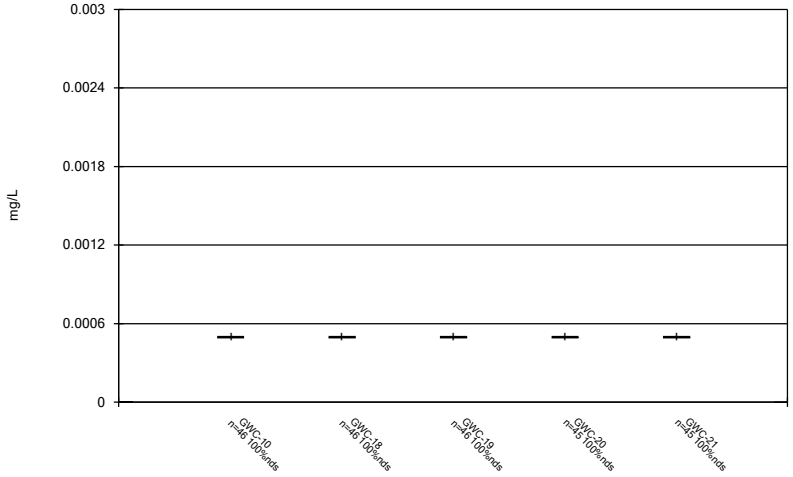

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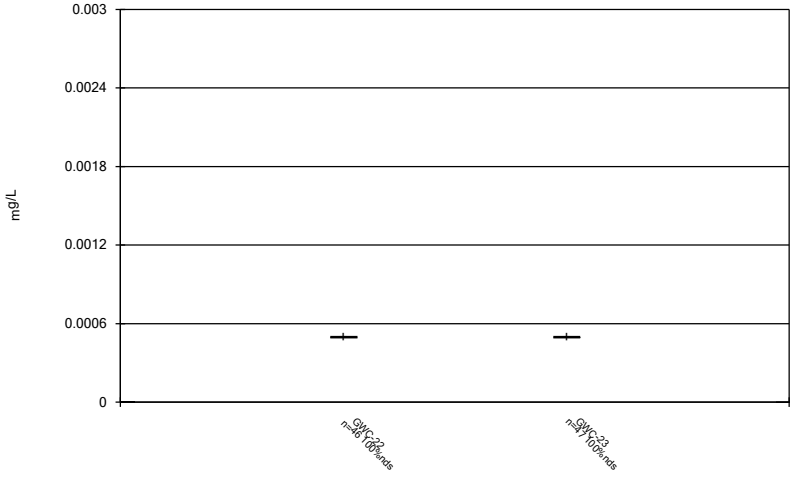

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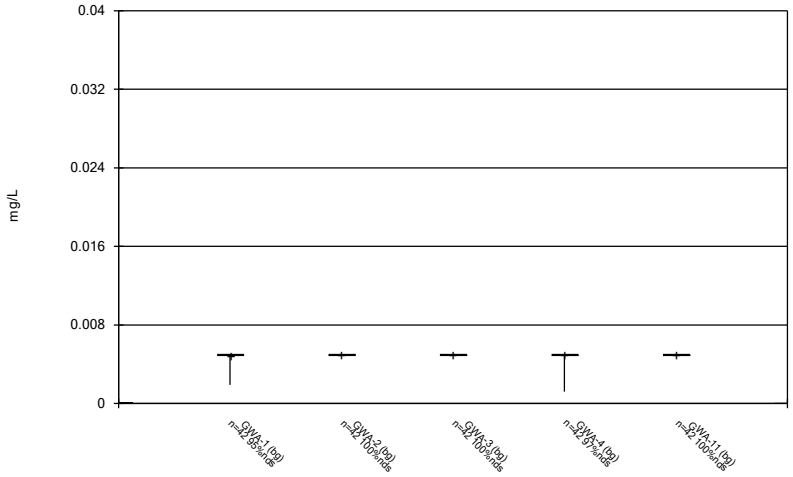

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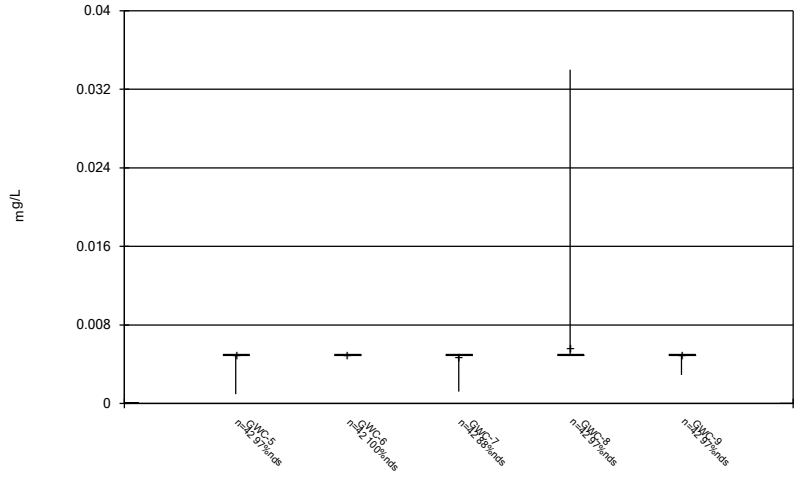

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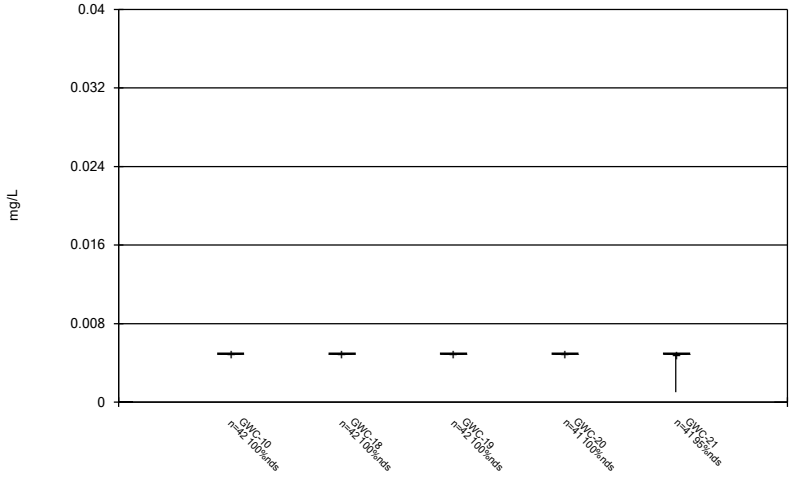

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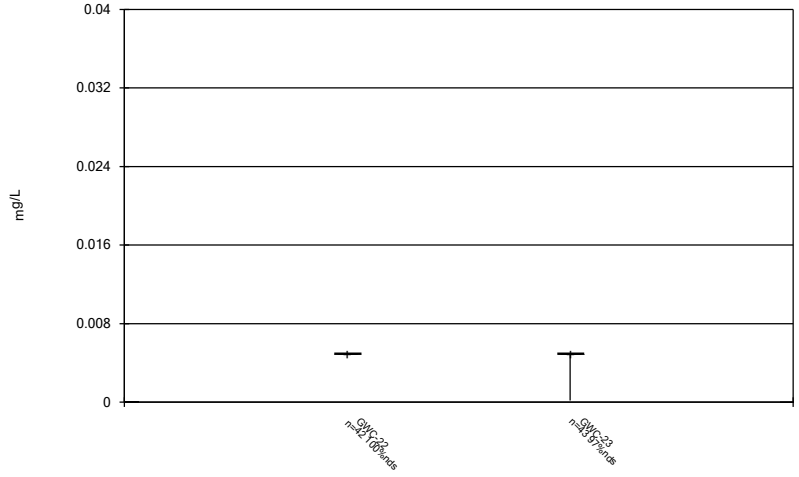

Constituent: Vanadium Analysis Run 6/5/2026 12:09 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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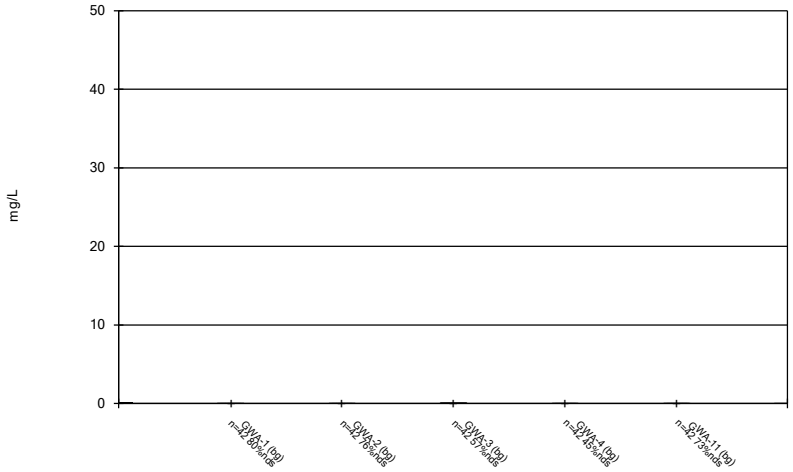
Box & Whiskers Plot



Constituent: Zinc Analysis Run 6/5/2026 12:09 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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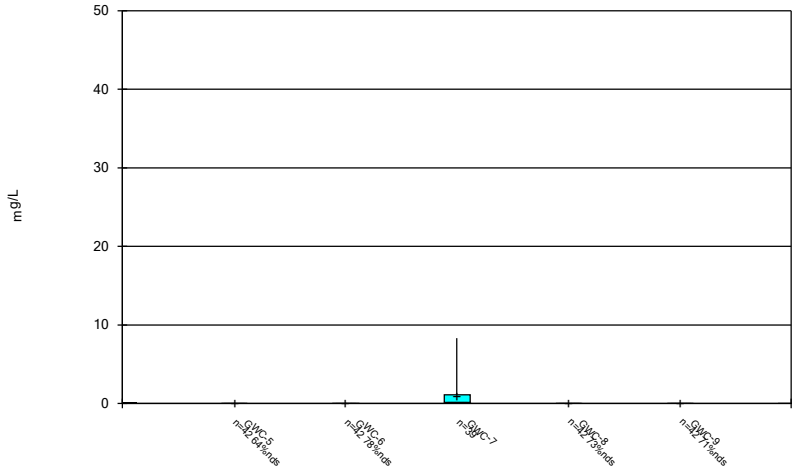
Box & Whiskers Plot



Constituent: Zinc Analysis Run 6/5/2026 12:09 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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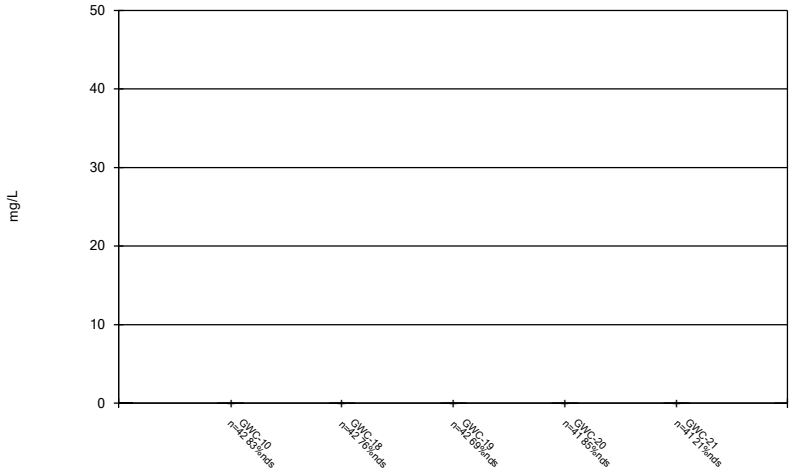
Box & Whiskers Plot



Constituent: Zinc Analysis Run 6/5/2026 12:09 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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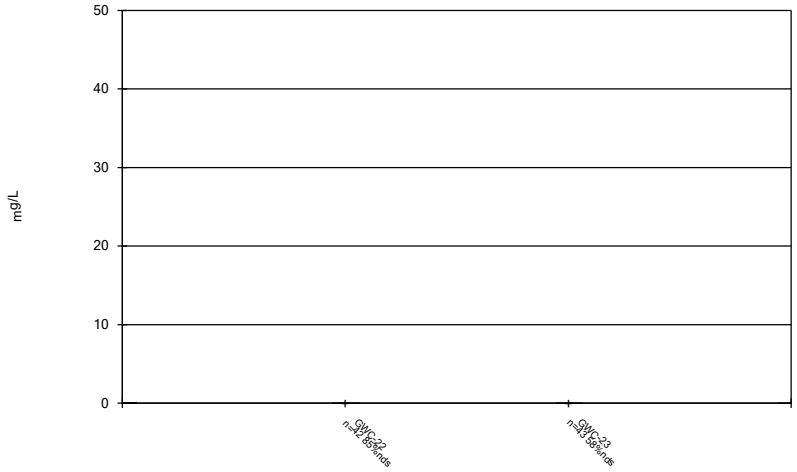
Box & Whiskers Plot



Constituent: Zinc Analysis Run 6/5/2026 12:09 PM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road LF

FIGURE C.

Outlier Summary

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 4/8/2026, 1:46 PM

	GWC-8 Antimony (mg/L)	GWC-7 Arsenic (mg/L)	GWC-9 Barium (mg/L)	GWC-7 Beryllium (mg/L)	GWC-6 Boron (mg/L)	GWC-21 Boron (mg/L)	GWC-23 Boron (mg/L)	GWC-7 Cadmium (mg/L)	GWC-8 Calcium (mg/L)	GWC-7 Chloride (mg/L)
5/9/2007		0.038 (O)		0.28 (O)				0.023 (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										
10/19/2016						0.087 (Jo)				
12/6/2016										
12/7/2016						0.127 (o)				
2/1/2017										
2/3/2017										
3/23/2017										
3/24/2017										
3/27/2017							0.125 (o)			
10/5/2017										
10/4/2018									264 (O)	
3/30/2020										9.2 (O)
3/31/2020					0.091 (JO)					
2/19/2024										
2/21/2024										
8/11/2024										

Outlier Summary

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 4/8/2026, 1:46 PM

	GWC-20 Chloride (mg/L)	GWC-21 Chloride (mg/L)	GWC-7 Chromium (mg/L)	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-2 TDS (mg/L)
5/9/2007			0.11 (O)	6.5 (O)	0.44 (O)	18 (O)				
7/6/2007				2.1 (O)		5.9 (O)				
8/28/2007				1.4 (O)		3.9 (O)				
11/6/2007				1.1 (O)		3.1 (O)				
5/8/2008						2.1 (O)				
4/5/2011										
3/22/2016										
7/6/2016										
10/19/2016										
12/6/2016							220 (O)			
12/7/2016										
2/1/2017							190 (O)	150 (O)		
2/3/2017									38 (o)	
3/23/2017								130 (O)		
3/24/2017										
3/27/2017									43 (o)	
10/5/2017	5.5 (o)									
10/4/2018										
3/30/2020										
3/31/2020										
2/19/2024										370 (o)
2/21/2024										
8/11/2024		10 (o)								

Outlier Summary

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 4/8/2026, 1:46 PM

	GWA-3 TDS (mg/L)	GWA-4 TDS (mg/L)	GWC-8 TDS (mg/L)	GWC-18 TDS (mg/L)	GWC-19 TDS (mg/L)	GWC-22 TDS (mg/L)	GWC-7 Zinc (mg/L)
5/9/2007							45 (O)
7/6/2007							16 (O)
8/28/2007							11 (O)
11/6/2007							
5/8/2008							
4/5/2011							
3/22/2016		686 (O)					
7/6/2016		646 (O)					
10/19/2016							
12/6/2016	653 (O)	597 (O)					
12/7/2016							
2/1/2017	615 (O)	638 (O)					
2/3/2017							
3/23/2017							
3/24/2017		579 (O)					
3/27/2017				427 (o)	393 (o)	324 (o)	
10/5/2017							
10/4/2018							
3/30/2020							
3/31/2020							
2/19/2024							
2/21/2024			<25 (o)				
8/11/2024							

Tukey's Outlier Test - Significant Results

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 3/3/2026, 10:29 AM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Arsenic (mg/L)	**GWC-7**	**Yes**	**0.038,0.002**	**5/9/2007,2/2/2017**	**NP**	**NaN**	**47**	**0.006471**	**0.005039**	**ln(x)**	**ShapiroWilk**
Arsenic (mg/L)	**GWC-8**	**Yes**	**0.0022,0.0005,0.0008,0.00064,0.0015,0.0015,0.0028**	**3/5/2014,3/24/2017,10/5/2017,...**	**NP**	**NaN**	**46**	**0.004257**	**0.00144**	**normal**	**ShapiroWilk**
Barium (mg/L)	**GWA-4 (bg)**	**Yes**	**0.14**	**12/3/2008**	**NP**	**NaN**	**46**	**0.0602**	**0.03173**	**ln(x)**	**ShapiroWilk**
Barium (mg/L)	**GWC-22**	**Yes**	**0.121**	**7/7/2016**	**NP**	**NaN**	**46**	**0.08581**	**0.01936**	**x^3**	**ShapiroWilk**
Boron (mg/L)	**GWC-6**	**Yes**	**0.091**	**3/31/2020**	**NP**	**NaN**	**27**	**0.04237**	**0.01041**	**ln(x)**	**ShapiroWilk**
Calcium (mg/L)	**GWC-8**	**Yes**	**264**	**10/4/2018**	**NP**	**NaN**	**29**	**79.06**	**38.57**	**ln(x)**	**ShapiroWilk**
Chloride (mg/L)	**GWA-1 (bg)**	**Yes**	**1.6**	**9/23/2020**	**NP**	**NaN**	**25**	**1.173**	**0.149**	**ln(x)**	**ShapiroWilk**
Chloride (mg/L)	**GWC-7**	**Yes**	**9.2**	**3/30/2020**	**NP**	**NaN**	**26**	**1.985**	**1.497**	**ln(x)**	**ShapiroWilk**
Copper (mg/L)	**GWC-21**	**Yes**	**0.0013,0.0008,0.0006,0.0005,0.00084,0.00082,0.001**	**9/9/2014,9/30/2015,9/8/2016,3...**	**NP**	**NaN**	**40**	**0.004058**	**0.001701**	**ln(x)**	**ShapiroWilk**
Fluoride (mg/L)	**GWC-8**	**Yes**	**0.4**	**3/14/2018**	**NP**	**NaN**	**26**	**0.1671**	**0.07858**	**ln(x)**	**ShapiroWilk**
TDS (mg/L)	**GWC-18**	**Yes**	**427**	**3/27/2017**	**NP**	**NaN**	**25**	**217.1**	**50.8**	**ln(x)**	**ShapiroWilk**
TDS (mg/L)	**GWC-19**	**Yes**	**393**	**3/27/2017**	**NP**	**NaN**	**25**	**244.4**	**38.35**	**ln(x)**	**ShapiroWilk**
TDS (mg/L)	**GWC-22**	**Yes**	**324**	**3/27/2017**	**NP**	**NaN**	**25**	**218.1**	**27.55**	**ln(x)**	**ShapiroWilk**
Zinc (mg/L)	**GWA-2 (bg)**	**Yes**	**0.0015,0.0017,0.0014**	**9/3/2014,10/4/2017,4/8/2019**	**NP**	**NaN**	**41**	**0.008205**	**0.003237**	**ln(x)**	**ShapiroWilk**
Zinc (mg/L)	**GWC-18**	**Yes**	**0.0026,0.0022,0.0013,0.0019,0.0024,0.0029**	**5/9/2007,3/10/2014,9/3/2014,4...**	**NP**	**NaN**	**41**	**0.008317**	**0.003069**	**ln(x)**	**ShapiroWilk**

Tukey's Outlier Test - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 3/3/2026, 10:29 AM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Antimony (mg/L)	GWA-1 (bg)	n/a	n/a	n/a	NP	NaN	46	0.001955	0.0003283	unknown	ShapiroWilk
Antimony (mg/L)	GWA-2 (bg)	n/a	n/a	n/a	NP	NaN	46	0.001976	0.0002287	unknown	ShapiroWilk
Antimony (mg/L)	GWA-3 (bg)	n/a	n/a	n/a	NP	NaN	46	0.001976	0.0001622	unknown	ShapiroWilk
Antimony (mg/L)	GWA-4 (bg)	n/a	n/a	n/a	NP	NaN	46	0.001954	0.0002562	unknown	ShapiroWilk
Antimony (mg/L)	GWA-11 (bg)	n/a	n/a	n/a	NP	NaN	46	0.00193	0.0003306	unknown	ShapiroWilk
Antimony (mg/L)	GWC-5	n/a	n/a	n/a	NP	NaN	46	0.001933	0.0003178	unknown	ShapiroWilk
Antimony (mg/L)	GWC-6	n/a	n/a	n/a	NP	NaN	46	0.001967	0.0002212	unknown	ShapiroWilk
Antimony (mg/L)	GWC-7	n/a	n/a	n/a	NP	NaN	46	0.001957	0.0002029	unknown	ShapiroWilk
Antimony (mg/L)	GWC-8	n/a	n/a	n/a	NP	NaN	46	0.002054	0.0007067	unknown	ShapiroWilk
Antimony (mg/L)	GWC-9	n/a	n/a	n/a	NP	NaN	46	0.001951	0.0002406	unknown	ShapiroWilk
Antimony (mg/L)	GWC-10	n/a	n/a	n/a	NP	NaN	46	0.001967	0.0002212	unknown	ShapiroWilk
Antimony (mg/L)	GWC-18	n/a	n/a	n/a	NP	NaN	46	0.001981	0.0002754	unknown	ShapiroWilk
Antimony (mg/L)	GWC-19	n/a	n/a	n/a	NP	NaN	46	0.001963	0.0002507	unknown	ShapiroWilk
Antimony (mg/L)	GWC-20	No	n/a	n/a	NP	NaN	45	0.002	0	normal	ShapiroWilk
Antimony (mg/L)	GWC-21	No	n/a	n/a	NP	NaN	45	0.002	0	normal	ShapiroWilk
Antimony (mg/L)	GWC-22	n/a	n/a	n/a	NP	NaN	46	0.001972	0.0001917	unknown	ShapiroWilk
Antimony (mg/L)	GWC-23	No	n/a	n/a	NP	NaN	47	0.002	0	normal	ShapiroWilk
Arsenic (mg/L)	GWA-1 (bg)	No	n/a	n/a	NP	NaN	46	0.002	0	normal	ShapiroWilk
Arsenic (mg/L)	GWA-2 (bg)	No	n/a	n/a	NP	NaN	46	0.002	0	normal	ShapiroWilk
Arsenic (mg/L)	GWA-3 (bg)	n/a	n/a	n/a	NP	NaN	46	0.001841	0.0007565	unknown	ShapiroWilk
Arsenic (mg/L)	GWA-4 (bg)	n/a	n/a	n/a	NP	NaN	46	0.001978	0.000791	unknown	ShapiroWilk
Arsenic (mg/L)	GWA-11 (bg)	n/a	n/a	n/a	NP	NaN	46	0.001937	0.0003111	unknown	ShapiroWilk
Arsenic (mg/L)	GWC-5	n/a	n/a	n/a	NP	NaN	46	0.001963	0.0002101	unknown	ShapiroWilk
Arsenic (mg/L)	GWC-6	No	n/a	n/a	NP	NaN	46	0.002	0	normal	ShapiroWilk
Arsenic (mg/L)	**GWC-7**	**Yes**	**0.038,0.002**	**5/9/2007,2/2/2017**	**NP**	**NaN**	**47**	**0.006471**	**0.005039**	**ln(x)**	**ShapiroWilk**
Arsenic (mg/L)	**GWC-8**	**Yes**	**0.0022,0.0005,0.0008,0.00064,0.0015,0.0015,0.0028**	**3/5/2014,3/24/2017,10/5/2017,...**	**NP**	**NaN**	**46**	**0.004257**	**0.00144**	**normal**	**ShapiroWilk**
Arsenic (mg/L)	GWC-9	n/a	n/a	n/a	NP	NaN	46	0.001972	0.0001902	unknown	ShapiroWilk
Arsenic (mg/L)	GWC-10	No	n/a	n/a	NP	NaN	46	0.002	0	normal	ShapiroWilk
Arsenic (mg/L)	GWC-18	n/a	n/a	n/a	NP	NaN	46	0.00191	0.0003454	unknown	ShapiroWilk
Arsenic (mg/L)	GWC-19	No	n/a	n/a	NP	NaN	46	0.002	0	normal	ShapiroWilk
Arsenic (mg/L)	GWC-20	No	n/a	n/a	NP	NaN	45	0.002	0	normal	ShapiroWilk
Arsenic (mg/L)	GWC-21	n/a	n/a	n/a	NP	NaN	45	0.00439	0.001378	unknown	ShapiroWilk
Arsenic (mg/L)	GWC-22	No	n/a	n/a	NP	NaN	46	0.002	0	normal	ShapiroWilk
Arsenic (mg/L)	GWC-23	n/a	n/a	n/a	NP	NaN	47	0.00194	0.000294	unknown	ShapiroWilk
Barium (mg/L)	GWA-1 (bg)	No	n/a	n/a	NP	NaN	46	0.03872	0.004505	x^2	ShapiroWilk
Barium (mg/L)	GWA-2 (bg)	No	n/a	n/a	NP	NaN	46	0.162	0.02466	x^3	ShapiroWilk
Barium (mg/L)	GWA-3 (bg)	No	n/a	n/a	NP	NaN	46	0.1513	0.03956	x^2	ShapiroWilk
Barium (mg/L)	**GWA-4 (bg)**	**Yes**	**0.14**	**12/3/2008**	**NP**	**NaN**	**46**	**0.0602**	**0.03173**	**ln(x)**	**ShapiroWilk**
Barium (mg/L)	GWA-11 (bg)	No	n/a	n/a	NP	NaN	46	0.03257	0.003256	ln(x)	ShapiroWilk
Barium (mg/L)	GWC-5	No	n/a	n/a	NP	NaN	46	0.09247	0.01736	normal	ShapiroWilk
Barium (mg/L)	GWC-6	No	n/a	n/a	NP	NaN	46	0.1325	0.03714	x^2	ShapiroWilk
Barium (mg/L)	GWC-7	No	n/a	n/a	NP	NaN	46	0.09045	0.09537	ln(x)	ShapiroWilk
Barium (mg/L)	GWC-8	No	n/a	n/a	NP	NaN	49	0.1194	0.03441	ln(x)	ShapiroWilk
Barium (mg/L)	GWC-9	No	n/a	n/a	NP	NaN	46	0.06032	0.007235	x^3	ShapiroWilk
Barium (mg/L)	GWC-10	No	n/a	n/a	NP	NaN	49	0.1286	0.03024	normal	ShapiroWilk
Barium (mg/L)	GWC-18	No	n/a	n/a	NP	NaN	46	0.07527	0.007065	x^3	ShapiroWilk
Barium (mg/L)	GWC-19	No	n/a	n/a	NP	NaN	46	0.1269	0.0334	x^6	ShapiroWilk
Barium (mg/L)	GWC-20	No	n/a	n/a	NP	NaN	46	0.1231	0.01813	normal	ShapiroWilk
Barium (mg/L)	GWC-21	No	n/a	n/a	NP	NaN	45	0.07687	0.04751	ln(x)	ShapiroWilk
Barium (mg/L)	**GWC-22**	**Yes**	**0.121**	**7/7/2016**	**NP**	**NaN**	**46**	**0.08581**	**0.01936**	**x^3**	**ShapiroWilk**
Barium (mg/L)	GWC-23	No	n/a	n/a	NP	NaN	47	0.0674	0.01331	ln(x)	ShapiroWilk
Beryllium (mg/L)	GWA-1 (bg)	No	n/a	n/a	NP	NaN	46	0.0004	0	normal	ShapiroWilk
Beryllium (mg/L)	GWA-2 (bg)	No	n/a	n/a	NP	NaN	46	0.0004	0	normal	ShapiroWilk
Beryllium (mg/L)	GWA-3 (bg)	n/a	n/a	n/a	NP	NaN	46	0.000393	0.00004718	unknown	ShapiroWilk
Beryllium (mg/L)	GWA-4 (bg)	No	n/a	n/a	NP	NaN	46	0.0004	0	normal	ShapiroWilk
Beryllium (mg/L)	GWA-11 (bg)	No	n/a	n/a	NP	NaN	46	0.0004	0	normal	ShapiroWilk
Beryllium (mg/L)	GWC-5	No	n/a	n/a	NP	NaN	46	0.0004	0	normal	ShapiroWilk
Beryllium (mg/L)	GWC-6	No	n/a	n/a	NP	NaN	46	0.0004	0	normal	ShapiroWilk
Beryllium (mg/L)	GWC-7	No	n/a	n/a	NP	NaN	46	0.01191	0.04368	ln(x)	ShapiroWilk
Beryllium (mg/L)	GWC-8	No	n/a	n/a	NP	NaN	46	0.0004	0	normal	ShapiroWilk
Beryllium (mg/L)	GWC-9	No	n/a	n/a	NP	NaN	46	0.0004	0	normal	ShapiroWilk
Beryllium (mg/L)	GWC-10	No	n/a	n/a	NP	NaN	46	0.0004	0	normal	ShapiroWilk
Beryllium (mg/L)	GWC-18	No	n/a	n/a	NP	NaN	46	0.0004	0	normal	ShapiroWilk
Beryllium (mg/L)	GWC-19	n/a	n/a	n/a	NP	NaN	46	0.0003935	0.00004423	unknown	ShapiroWilk
Beryllium (mg/L)	GWC-20	No	n/a	n/a	NP	NaN	45	0.0004	0	normal	ShapiroWilk
Beryllium (mg/L)	GWC-21	No	n/a	n/a	NP	NaN	45	0.0004	0	normal	ShapiroWilk
Beryllium (mg/L)	GWC-22	No	n/a	n/a	NP	NaN	46	0.0004	0	normal	ShapiroWilk
Beryllium (mg/L)	GWC-23	No	n/a	n/a	NP	NaN	47	0.0004	0	normal	ShapiroWilk

Tukey's Outlier Test - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 3/3/2026, 10:29 AM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Boron (mg/L)	GWA-1 (bg)	No	n/a	n/a	NP	NaN	25	0.02384	0.008914	ln(x)	ShapiroWilk
Boron (mg/L)	GWA-2 (bg)	No	n/a	n/a	NP	NaN	25	0.08597	0.006918	x^3	ShapiroWilk
Boron (mg/L)	GWA-3 (bg)	No	n/a	n/a	NP	NaN	25	0.1389	0.02406	x^3	ShapiroWilk
Boron (mg/L)	GWA-4 (bg)	No	n/a	n/a	NP	NaN	25	0.08336	0.02105	x^2	ShapiroWilk
Boron (mg/L)	GWA-11 (bg)	No	n/a	n/a	NP	NaN	25	0.03659	0.003481	normal	ShapiroWilk
Boron (mg/L)	GWC-5	No	n/a	n/a	NP	NaN	25	0.05759	0.01267	sqrt(x)	ShapiroWilk
Boron (mg/L)	**GWC-6**	**Yes**	**0.091**	**3/31/2020**	**NP**	**NaN**	**27**	**0.04237**	**0.01041**	**ln(x)**	**ShapiroWilk**
Boron (mg/L)	GWC-7	No	n/a	n/a	NP	NaN	25	0.04698	0.01266	x^2	ShapiroWilk
Boron (mg/L)	GWC-8	No	n/a	n/a	NP	NaN	26	0.04061	0.01852	ln(x)	ShapiroWilk
Boron (mg/L)	GWC-9	No	n/a	n/a	NP	NaN	25	0.01644	0.002702	sqrt(x)	ShapiroWilk
Boron (mg/L)	GWC-10	No	n/a	n/a	NP	NaN	25	0.03407	0.003923	normal	ShapiroWilk
Boron (mg/L)	GWC-18	No	n/a	n/a	NP	NaN	25	0.1304	0.009857	ln(x)	ShapiroWilk
Boron (mg/L)	GWC-19	No	n/a	n/a	NP	NaN	25	0.1662	0.01701	x^2	ShapiroWilk
Boron (mg/L)	GWC-20	No	n/a	n/a	NP	NaN	25	0.0179	0.003056	sqrt(x)	ShapiroWilk
Boron (mg/L)	GWC-21	No	n/a	n/a	NP	NaN	25	0.03686	0.02526	ln(x)	ShapiroWilk
Boron (mg/L)	GWC-22	No	n/a	n/a	NP	NaN	25	0.06629	0.005948	x^2	ShapiroWilk
Boron (mg/L)	GWC-23	No	n/a	n/a	NP	NaN	25	0.03728	0.02456	ln(x)	ShapiroWilk
Cadmium (mg/L)	GWA-1 (bg)	No	n/a	n/a	NP	NaN	46	0.0005	0	normal	ShapiroWilk
Cadmium (mg/L)	GWA-2 (bg)	No	n/a	n/a	NP	NaN	46	0.0005	0	normal	ShapiroWilk
Cadmium (mg/L)	GWA-3 (bg)	No	n/a	n/a	NP	NaN	46	0.0005	0	normal	ShapiroWilk
Cadmium (mg/L)	GWA-4 (bg)	n/a	n/a	n/a	NP	NaN	46	0.0004913	0.00005898	unknown	ShapiroWilk
Cadmium (mg/L)	GWA-11 (bg)	No	n/a	n/a	NP	NaN	46	0.0005	0	normal	ShapiroWilk
Cadmium (mg/L)	GWC-5	n/a	n/a	n/a	NP	NaN	46	0.0005217	0.0001474	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-6	No	n/a	n/a	NP	NaN	46	0.0005	0	normal	ShapiroWilk
Cadmium (mg/L)	GWC-7	n/a	n/a	n/a	NP	NaN	46	0.0013	0.003498	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-8	n/a	n/a	n/a	NP	NaN	46	0.0004909	0.00006193	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-9	n/a	n/a	n/a	NP	NaN	46	0.0004863	0.00006862	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-10	n/a	n/a	n/a	NP	NaN	46	0.0004911	0.00006045	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-18	n/a	n/a	n/a	NP	NaN	46	0.0004909	0.00006193	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-19	No	n/a	n/a	NP	NaN	46	0.0005	0	normal	ShapiroWilk
Cadmium (mg/L)	GWC-20	n/a	n/a	n/a	NP	NaN	45	0.0004913	0.00005814	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-21	n/a	n/a	n/a	NP	NaN	45	0.0004822	0.00008336	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-22	No	n/a	n/a	NP	NaN	46	0.0005	0	normal	ShapiroWilk
Cadmium (mg/L)	GWC-23	n/a	n/a	n/a	NP	NaN	47	0.0004911	0.00006126	unknown	ShapiroWilk
Calcium (mg/L)	GWA-1 (bg)	No	n/a	n/a	NP	NaN	25	16.36	1.918	x^2	ShapiroWilk
Calcium (mg/L)	GWA-2 (bg)	No	n/a	n/a	NP	NaN	25	46.78	6.774	ln(x)	ShapiroWilk
Calcium (mg/L)	GWA-3 (bg)	No	n/a	n/a	NP	NaN	25	70.82	9.3	x^4	ShapiroWilk
Calcium (mg/L)	GWA-4 (bg)	No	n/a	n/a	NP	NaN	25	84.44	13.58	ln(x)	ShapiroWilk
Calcium (mg/L)	GWA-11 (bg)	No	n/a	n/a	NP	NaN	25	20.38	2.369	x^5	ShapiroWilk
Calcium (mg/L)	GWC-5	No	n/a	n/a	NP	NaN	25	75.83	5.73	x^3	ShapiroWilk
Calcium (mg/L)	GWC-6	No	n/a	n/a	NP	NaN	25	65.04	5.014	x^4	ShapiroWilk
Calcium (mg/L)	GWC-7	No	n/a	n/a	NP	NaN	26	35.88	16.67	x^(1/3)	ShapiroWilk
Calcium (mg/L)	**GWC-8**	**Yes**	**264**	**10/4/2018**	**NP**	**NaN**	**29**	**79.06**	**38.57**	**ln(x)**	**ShapiroWilk**
Calcium (mg/L)	GWC-9	No	n/a	n/a	NP	NaN	25	36.4	2.328	x^(1/3)	ShapiroWilk
Calcium (mg/L)	GWC-10	No	n/a	n/a	NP	NaN	27	41.78	7.322	x^2	ShapiroWilk
Calcium (mg/L)	GWC-18	No	n/a	n/a	NP	NaN	26	41.78	4.196	ln(x)	ShapiroWilk
Calcium (mg/L)	GWC-19	No	n/a	n/a	NP	NaN	26	45.19	2.894	ln(x)	ShapiroWilk
Calcium (mg/L)	GWC-20	No	n/a	n/a	NP	NaN	26	58.14	6.73	x^2	ShapiroWilk
Calcium (mg/L)	GWC-21	No	n/a	n/a	NP	NaN	28	43.21	18.5	ln(x)	ShapiroWilk
Calcium (mg/L)	GWC-22	No	n/a	n/a	NP	NaN	25	48.07	2.488	ln(x)	ShapiroWilk
Calcium (mg/L)	GWC-23	No	n/a	n/a	NP	NaN	26	41.63	8.41	ln(x)	ShapiroWilk
Chloride (mg/L)	**GWA-1 (bg)**	**Yes**	**1.6**	**9/23/2020**	**NP**	**NaN**	**25**	**1.173**	**0.149**	**ln(x)**	**ShapiroWilk**
Chloride (mg/L)	GWA-2 (bg)	No	n/a	n/a	NP	NaN	25	2.4	0.28	ln(x)	ShapiroWilk
Chloride (mg/L)	GWA-3 (bg)	No	n/a	n/a	NP	NaN	25	2.898	1.229	x^3	ShapiroWilk
Chloride (mg/L)	GWA-4 (bg)	No	n/a	n/a	NP	NaN	25	4.952	2.066	sqrt(x)	ShapiroWilk
Chloride (mg/L)	GWA-11 (bg)	No	n/a	n/a	NP	NaN	25	1.364	0.2396	ln(x)	ShapiroWilk
Chloride (mg/L)	GWC-5	No	n/a	n/a	NP	NaN	25	2.655	0.5489	ln(x)	ShapiroWilk
Chloride (mg/L)	GWC-6	No	n/a	n/a	NP	NaN	25	1.809	0.2247	ln(x)	ShapiroWilk
Chloride (mg/L)	**GWC-7**	**Yes**	**9.2**	**3/30/2020**	**NP**	**NaN**	**26**	**1.985**	**1.497**	**ln(x)**	**ShapiroWilk**
Chloride (mg/L)	GWC-8	No	n/a	n/a	NP	NaN	27	2.072	0.5466	ln(x)	ShapiroWilk
Chloride (mg/L)	GWC-9	No	n/a	n/a	NP	NaN	25	1.019	0.265	ln(x)	ShapiroWilk
Chloride (mg/L)	GWC-10	No	n/a	n/a	NP	NaN	27	1.425	0.3008	ln(x)	ShapiroWilk
Chloride (mg/L)	GWC-18	No	n/a	n/a	NP	NaN	25	1.179	0.2704	ln(x)	ShapiroWilk
Chloride (mg/L)	GWC-19	No	n/a	n/a	NP	NaN	25	1.612	0.378	ln(x)	ShapiroWilk
Chloride (mg/L)	GWC-20	No	n/a	n/a	NP	NaN	27	1.612	0.8462	ln(x)	ShapiroWilk
Chloride (mg/L)	GWC-21	No	n/a	n/a	NP	NaN	27	3.332	1.832	ln(x)	ShapiroWilk
Chloride (mg/L)	GWC-22	No	n/a	n/a	NP	NaN	25	1.323	0.2961	sqrt(x)	ShapiroWilk
Chloride (mg/L)	GWC-23	No	n/a	n/a	NP	NaN	25	1.273	0.3741	normal	ShapiroWilk

Tukey's Outlier Test - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 3/3/2026, 10:29 AM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Chromium (mg/L)	GWA-1 (bg)	n/a	n/a	n/a	NP	NaN	46	0.005137	0.001777	unknown	ShapiroWilk
Chromium (mg/L)	GWA-2 (bg)	n/a	n/a	n/a	NP	NaN	46	0.004901	0.0006738	unknown	ShapiroWilk
Chromium (mg/L)	GWA-3 (bg)	n/a	n/a	n/a	NP	NaN	46	0.004827	0.0008268	unknown	ShapiroWilk
Chromium (mg/L)	GWA-4 (bg)	n/a	n/a	n/a	NP	NaN	46	0.00482	0.0008609	unknown	ShapiroWilk
Chromium (mg/L)	GWA-11 (bg)	n/a	n/a	n/a	NP	NaN	46	0.004765	0.0008144	unknown	ShapiroWilk
Chromium (mg/L)	GWC-5	n/a	n/a	n/a	NP	NaN	46	0.004917	0.0005603	unknown	ShapiroWilk
Chromium (mg/L)	GWC-6	n/a	n/a	n/a	NP	NaN	46	0.00491	0.0006119	unknown	ShapiroWilk
Chromium (mg/L)	GWC-7	n/a	n/a	n/a	NP	NaN	46	0.006833	0.01559	unknown	ShapiroWilk
Chromium (mg/L)	GWC-8	n/a	n/a	n/a	NP	NaN	46	0.005309	0.004303	unknown	ShapiroWilk
Chromium (mg/L)	GWC-9	n/a	n/a	n/a	NP	NaN	46	0.004785	0.0008337	unknown	ShapiroWilk
Chromium (mg/L)	GWC-10	n/a	n/a	n/a	NP	NaN	46	0.004683	0.0009963	unknown	ShapiroWilk
Chromium (mg/L)	GWC-18	n/a	n/a	n/a	NP	NaN	46	0.004817	0.0008692	unknown	ShapiroWilk
Chromium (mg/L)	GWC-19	n/a	n/a	n/a	NP	NaN	46	0.004723	0.001064	unknown	ShapiroWilk
Chromium (mg/L)	GWC-20	n/a	n/a	n/a	NP	NaN	45	0.00488	0.0007452	unknown	ShapiroWilk
Chromium (mg/L)	GWC-21	n/a	n/a	n/a	NP	NaN	45	0.004832	0.0007912	unknown	ShapiroWilk
Chromium (mg/L)	GWC-22	n/a	n/a	n/a	NP	NaN	46	0.00472	0.0009263	unknown	ShapiroWilk
Chromium (mg/L)	GWC-23	n/a	n/a	n/a	NP	NaN	47	0.004923	0.0005402	unknown	ShapiroWilk
Cobalt (mg/L)	GWA-1 (bg)	No	n/a	n/a	NP	NaN	46	0.002953	0.002259	ln(x)	ShapiroWilk
Cobalt (mg/L)	GWA-2 (bg)	n/a	n/a	n/a	NP	NaN	46	0.004893	0.0007282	unknown	ShapiroWilk
Cobalt (mg/L)	GWA-3 (bg)	n/a	n/a	n/a	NP	NaN	46	0.004138	0.001773	unknown	ShapiroWilk
Cobalt (mg/L)	GWA-4 (bg)	No	n/a	n/a	NP	NaN	46	0.003803	0.00179	ln(x)	ShapiroWilk
Cobalt (mg/L)	GWA-11 (bg)	No	n/a	n/a	NP	NaN	46	0.002757	0.002178	ln(x)	ShapiroWilk
Cobalt (mg/L)	GWC-5	n/a	n/a	n/a	NP	NaN	46	0.004235	0.001687	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-6	n/a	n/a	n/a	NP	NaN	46	0.004896	0.0007048	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-7	No	n/a	n/a	NP	NaN	46	0.3393	1.014	ln(x)	ShapiroWilk
Cobalt (mg/L)	GWC-8	No	n/a	n/a	NP	NaN	46	0.003926	0.001897	normal	ShapiroWilk
Cobalt (mg/L)	GWC-9	n/a	n/a	n/a	NP	NaN	46	0.004203	0.001757	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-10	n/a	n/a	n/a	NP	NaN	46	0.004909	0.0006163	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-18	No	n/a	n/a	NP	NaN	46	0.005	0	normal	ShapiroWilk
Cobalt (mg/L)	GWC-19	No	n/a	n/a	NP	NaN	46	0.005	0	normal	ShapiroWilk
Cobalt (mg/L)	GWC-20	No	n/a	n/a	NP	NaN	45	0.005	0	normal	ShapiroWilk
Cobalt (mg/L)	GWC-21	No	n/a	n/a	NP	NaN	45	0.005638	0.004107	ln(x)	ShapiroWilk
Cobalt (mg/L)	GWC-22	No	n/a	n/a	NP	NaN	46	0.005	0	normal	ShapiroWilk
Cobalt (mg/L)	GWC-23	n/a	n/a	n/a	NP	NaN	47	0.004611	0.001289	unknown	ShapiroWilk
Copper (mg/L)	GWA-1 (bg)	No	n/a	n/a	NP	NaN	41	0.005	0	normal	ShapiroWilk
Copper (mg/L)	GWA-2 (bg)	n/a	n/a	n/a	NP	NaN	41	0.004746	0.0009746	unknown	ShapiroWilk
Copper (mg/L)	GWA-3 (bg)	n/a	n/a	n/a	NP	NaN	41	0.004803	0.0008262	unknown	ShapiroWilk
Copper (mg/L)	GWA-4 (bg)	n/a	n/a	n/a	NP	NaN	41	0.004956	0.0007722	unknown	ShapiroWilk
Copper (mg/L)	GWA-11 (bg)	n/a	n/a	n/a	NP	NaN	41	0.004832	0.0006657	unknown	ShapiroWilk
Copper (mg/L)	GWC-5	n/a	n/a	n/a	NP	NaN	41	0.00462	0.001142	unknown	ShapiroWilk
Copper (mg/L)	GWC-6	n/a	n/a	n/a	NP	NaN	41	0.004884	0.0007449	unknown	ShapiroWilk
Copper (mg/L)	GWC-7	n/a	n/a	n/a	NP	NaN	41	0.01549	0.068	unknown	ShapiroWilk
Copper (mg/L)	GWC-8	n/a	n/a	n/a	NP	NaN	41	0.005131	0.001738	unknown	ShapiroWilk
Copper (mg/L)	GWC-9	n/a	n/a	n/a	NP	NaN	41	0.004905	0.0005089	unknown	ShapiroWilk
Copper (mg/L)	GWC-10	n/a	n/a	n/a	NP	NaN	42	0.004762	0.0009109	unknown	ShapiroWilk
Copper (mg/L)	GWC-18	n/a	n/a	n/a	NP	NaN	41	0.004738	0.0009889	unknown	ShapiroWilk
Copper (mg/L)	GWC-19	n/a	n/a	n/a	NP	NaN	41	0.004536	0.001332	unknown	ShapiroWilk
Copper (mg/L)	GWC-20	n/a	n/a	n/a	NP	NaN	40	0.004826	0.0008224	unknown	ShapiroWilk
Copper (mg/L)	**GWC-21**	**Yes**	**0.0013,0.0008,0.0006,0.0005,0.00084,0.00082,0.001**	**9/9/2014,9/30/2015,9/8/2016,3...**	**NP**	**NaN**	**40**	**0.004058**	**0.001701**	**ln(x)**	**ShapiroWilk**
Copper (mg/L)	GWC-22	n/a	n/a	n/a	NP	NaN	41	0.004727	0.001059	unknown	ShapiroWilk
Copper (mg/L)	GWC-23	n/a	n/a	n/a	NP	NaN	42	0.00429	0.001778	unknown	ShapiroWilk
Fluoride (mg/L)	GWA-1 (bg)	No	n/a	n/a	NP	NaN	25	0.09972	0.03162	normal	ShapiroWilk
Fluoride (mg/L)	GWA-2 (bg)	No	n/a	n/a	NP	NaN	25	0.1116	0.04304	ln(x)	ShapiroWilk
Fluoride (mg/L)	GWA-3 (bg)	No	n/a	n/a	NP	NaN	25	0.1749	0.106	ln(x)	ShapiroWilk
Fluoride (mg/L)	GWA-4 (bg)	No	n/a	n/a	NP	NaN	25	0.1717	0.09513	ln(x)	ShapiroWilk
Fluoride (mg/L)	GWA-11 (bg)	No	n/a	n/a	NP	NaN	25	0.08127	0.03023	normal	ShapiroWilk
Fluoride (mg/L)	GWC-5	No	n/a	n/a	NP	NaN	25	0.09585	0.06914	ln(x)	ShapiroWilk
Fluoride (mg/L)	GWC-6	No	n/a	n/a	NP	NaN	25	0.09481	0.06137	ln(x)	ShapiroWilk
Fluoride (mg/L)	GWC-7	No	n/a	n/a	NP	NaN	25	0.2163	0.09518	ln(x)	ShapiroWilk
Fluoride (mg/L)	**GWC-8**	**Yes**	**0.4**	**3/14/2018**	**NP**	**NaN**	**26**	**0.1671**	**0.07858**	**ln(x)**	**ShapiroWilk**
Fluoride (mg/L)	GWC-9	No	n/a	n/a	NP	NaN	25	0.08808	0.02896	ln(x)	ShapiroWilk
Fluoride (mg/L)	GWC-10	No	n/a	n/a	NP	NaN	25	0.09688	0.0317	ln(x)	ShapiroWilk
Fluoride (mg/L)	GWC-18	No	n/a	n/a	NP	NaN	25	0.1335	0.02991	ln(x)	ShapiroWilk
Fluoride (mg/L)	GWC-19	No	n/a	n/a	NP	NaN	25	0.1338	0.04129	ln(x)	ShapiroWilk
Fluoride (mg/L)	GWC-20	No	n/a	n/a	NP	NaN	25	0.08012	0.03541	ln(x)	ShapiroWilk
Fluoride (mg/L)	GWC-21	No	n/a	n/a	NP	NaN	25	0.09468	0.04126	sqrt(x)	ShapiroWilk
Fluoride (mg/L)	GWC-22	No	n/a	n/a	NP	NaN	25	0.0821	0.02513	ln(x)	ShapiroWilk
Fluoride (mg/L)	GWC-23	No	n/a	n/a	NP	NaN	25	0.1016	0.02881	ln(x)	ShapiroWilk

Tukey's Outlier Test - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 3/3/2026, 10:29 AM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Lead (mg/L)	GWA-1 (bg)	No	n/a	n/a	NP	NaN	46	0.001	0	normal	ShapiroWilk
Lead (mg/L)	GWA-2 (bg)	No	n/a	n/a	NP	NaN	46	0.001	0	normal	ShapiroWilk
Lead (mg/L)	GWA-3 (bg)	n/a	n/a	n/a	NP	NaN	46	0.0009584	0.0001972	unknown	ShapiroWilk
Lead (mg/L)	GWA-4 (bg)	No	n/a	n/a	NP	NaN	46	0.001	0	normal	ShapiroWilk
Lead (mg/L)	GWA-11 (bg)	n/a	n/a	n/a	NP	NaN	46	0.0009798	0.0001371	unknown	ShapiroWilk
Lead (mg/L)	GWC-5	n/a	n/a	n/a	NP	NaN	46	0.0009664	0.0001629	unknown	ShapiroWilk
Lead (mg/L)	GWC-6	n/a	n/a	n/a	NP	NaN	46	0.0009804	0.0001327	unknown	ShapiroWilk
Lead (mg/L)	GWC-7	n/a	n/a	n/a	NP	NaN	46	0.000859	0.0003584	unknown	ShapiroWilk
Lead (mg/L)	GWC-8	n/a	n/a	n/a	NP	NaN	46	0.0009465	0.0002064	unknown	ShapiroWilk
Lead (mg/L)	GWC-9	No	n/a	n/a	NP	NaN	46	0.001	0	normal	ShapiroWilk
Lead (mg/L)	GWC-10	n/a	n/a	n/a	NP	NaN	46	0.0009794	0.0001395	unknown	ShapiroWilk
Lead (mg/L)	GWC-18	n/a	n/a	n/a	NP	NaN	46	0.0009791	0.0001415	unknown	ShapiroWilk
Lead (mg/L)	GWC-19	n/a	n/a	n/a	NP	NaN	46	0.0009435	0.0002168	unknown	ShapiroWilk
Lead (mg/L)	GWC-20	n/a	n/a	n/a	NP	NaN	45	0.0009793	0.0001386	unknown	ShapiroWilk
Lead (mg/L)	GWC-21	n/a	n/a	n/a	NP	NaN	45	0.0009206	0.0002573	unknown	ShapiroWilk
Lead (mg/L)	GWC-22	n/a	n/a	n/a	NP	NaN	46	0.0009207	0.0002599	unknown	ShapiroWilk
Lead (mg/L)	GWC-23	n/a	n/a	n/a	NP	NaN	47	0.0009032	0.0002589	unknown	ShapiroWilk
Nickel (mg/L)	GWA-1 (bg)	n/a	n/a	n/a	NP	NaN	41	0.004255	0.001664	unknown	ShapiroWilk
Nickel (mg/L)	GWA-2 (bg)	n/a	n/a	n/a	NP	NaN	41	0.004895	0.0006715	unknown	ShapiroWilk
Nickel (mg/L)	GWA-3 (bg)	n/a	n/a	n/a	NP	NaN	41	0.00427	0.001519	unknown	ShapiroWilk
Nickel (mg/L)	GWA-4 (bg)	No	n/a	n/a	NP	NaN	41	0.003728	0.001709	x^(1/3)	ShapiroWilk
Nickel (mg/L)	GWA-11 (bg)	No	n/a	n/a	NP	NaN	41	0.003422	0.001529	ln(x)	ShapiroWilk
Nickel (mg/L)	GWC-5	n/a	n/a	n/a	NP	NaN	41	0.004307	0.001548	unknown	ShapiroWilk
Nickel (mg/L)	GWC-6	n/a	n/a	n/a	NP	NaN	41	0.004675	0.001175	unknown	ShapiroWilk
Nickel (mg/L)	GWC-7	No	n/a	n/a	NP	NaN	41	1.084	2.96	ln(x)	ShapiroWilk
Nickel (mg/L)	GWC-8	n/a	n/a	n/a	NP	NaN	42	0.004709	0.002375	unknown	ShapiroWilk
Nickel (mg/L)	GWC-9	No	n/a	n/a	NP	NaN	41	0.003537	0.001466	ln(x)	ShapiroWilk
Nickel (mg/L)	GWC-10	n/a	n/a	n/a	NP	NaN	41	0.004934	0.0004217	unknown	ShapiroWilk
Nickel (mg/L)	GWC-18	n/a	n/a	n/a	NP	NaN	41	0.004102	0.00172	unknown	ShapiroWilk
Nickel (mg/L)	GWC-19	n/a	n/a	n/a	NP	NaN	41	0.004815	0.0009824	unknown	ShapiroWilk
Nickel (mg/L)	GWC-20	n/a	n/a	n/a	NP	NaN	40	0.004783	0.0009559	unknown	ShapiroWilk
Nickel (mg/L)	GWC-21	No	n/a	n/a	NP	NaN	41	0.004375	0.002164	ln(x)	ShapiroWilk
Nickel (mg/L)	GWC-22	n/a	n/a	n/a	NP	NaN	41	0.004892	0.0006887	unknown	ShapiroWilk
Nickel (mg/L)	GWC-23	No	n/a	n/a	NP	NaN	42	0.00402	0.001711	ln(x)	ShapiroWilk
pH, Field (SU)	GWA-1 (bg)	No	n/a	n/a	NP	NaN	25	7.024	0.1853	x^6	ShapiroWilk
pH, Field (SU)	GWA-2 (bg)	No	n/a	n/a	NP	NaN	25	6.887	0.1339	ln(x)	ShapiroWilk
pH, Field (SU)	GWA-3 (bg)	No	n/a	n/a	NP	NaN	25	6.752	0.1614	x^4	ShapiroWilk
pH, Field (SU)	GWA-4 (bg)	No	n/a	n/a	NP	NaN	25	6.798	0.1624	ln(x)	ShapiroWilk
pH, Field (SU)	GWA-11 (bg)	No	n/a	n/a	NP	NaN	25	6.774	0.1599	x^5	ShapiroWilk
pH, Field (SU)	GWC-5	No	n/a	n/a	NP	NaN	25	6.871	0.1531	x^6	ShapiroWilk
pH, Field (SU)	GWC-6	No	n/a	n/a	NP	NaN	32	7.063	0.2044	ln(x)	ShapiroWilk
pH, Field (SU)	GWC-7	No	n/a	n/a	NP	NaN	29	6.092	0.2798	ln(x)	ShapiroWilk
pH, Field (SU)	GWC-8	No	n/a	n/a	NP	NaN	35	7.207	0.2479	x^6	ShapiroWilk
pH, Field (SU)	GWC-9	No	n/a	n/a	NP	NaN	27	6.883	0.2072	x^6	ShapiroWilk
pH, Field (SU)	GWC-10	No	n/a	n/a	NP	NaN	29	7.327	0.1841	x^6	ShapiroWilk
pH, Field (SU)	GWC-18	No	n/a	n/a	NP	NaN	27	7.601	0.09144	x^6	ShapiroWilk
pH, Field (SU)	GWC-19	No	n/a	n/a	NP	NaN	28	7.508	0.1148	ln(x)	ShapiroWilk
pH, Field (SU)	GWC-20	No	n/a	n/a	NP	NaN	32	7.319	0.1699	x^6	ShapiroWilk
pH, Field (SU)	GWC-21	No	n/a	n/a	NP	NaN	30	6.52	0.3843	ln(x)	ShapiroWilk
pH, Field (SU)	GWC-22	No	n/a	n/a	NP	NaN	27	7.621	0.1341	x^2	ShapiroWilk
pH, Field (SU)	GWC-23	No	n/a	n/a	NP	NaN	25	7.108	0.157	ln(x)	ShapiroWilk
Selenium (mg/L)	GWA-1 (bg)	No	n/a	n/a	NP	NaN	46	0.005	0	normal	ShapiroWilk
Selenium (mg/L)	GWA-2 (bg)	No	n/a	n/a	NP	NaN	46	0.005	0	normal	ShapiroWilk
Selenium (mg/L)	GWA-3 (bg)	No	n/a	n/a	NP	NaN	46	0.005	0	normal	ShapiroWilk
Selenium (mg/L)	GWA-4 (bg)	n/a	n/a	n/a	NP	NaN	46	0.004894	0.0007166	unknown	ShapiroWilk
Selenium (mg/L)	GWA-11 (bg)	No	n/a	n/a	NP	NaN	46	0.005	0	normal	ShapiroWilk
Selenium (mg/L)	GWC-5	No	n/a	n/a	NP	NaN	46	0.005	0	normal	ShapiroWilk
Selenium (mg/L)	GWC-6	No	n/a	n/a	NP	NaN	46	0.005	0	normal	ShapiroWilk
Selenium (mg/L)	GWC-7	No	n/a	n/a	NP	NaN	46	0.005	0	normal	ShapiroWilk
Selenium (mg/L)	GWC-8	No	n/a	n/a	NP	NaN	46	0.005	0	normal	ShapiroWilk
Selenium (mg/L)	GWC-9	n/a	n/a	n/a	NP	NaN	46	0.00493	0.0004718	unknown	ShapiroWilk
Selenium (mg/L)	GWC-10	n/a	n/a	n/a	NP	NaN	46	0.004926	0.0005013	unknown	ShapiroWilk
Selenium (mg/L)	GWC-18	No	n/a	n/a	NP	NaN	46	0.005	0	normal	ShapiroWilk
Selenium (mg/L)	GWC-19	No	n/a	n/a	NP	NaN	46	0.005	0	normal	ShapiroWilk
Selenium (mg/L)	GWC-20	No	n/a	n/a	NP	NaN	45	0.005	0	normal	ShapiroWilk
Selenium (mg/L)	GWC-21	n/a	n/a	n/a	NP	NaN	45	0.004869	0.0006193	unknown	ShapiroWilk
Selenium (mg/L)	GWC-22	n/a	n/a	n/a	NP	NaN	46	0.00485	0.000712	unknown	ShapiroWilk
Selenium (mg/L)	GWC-23	No	n/a	n/a	NP	NaN	47	0.005	0	normal	ShapiroWilk

Tukey's Outlier Test - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 3/3/2026, 10:29 AM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Silver (mg/L)	GWA-1 (bg)	No	n/a	n/a	NP	NaN	41	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWA-2 (bg)	No	n/a	n/a	NP	NaN	41	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWA-3 (bg)	No	n/a	n/a	NP	NaN	41	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWA-4 (bg)	No	n/a	n/a	NP	NaN	41	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWA-11 (bg)	No	n/a	n/a	NP	NaN	41	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWC-5	No	n/a	n/a	NP	NaN	41	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWC-6	No	n/a	n/a	NP	NaN	41	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWC-7	No	n/a	n/a	NP	NaN	41	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWC-8	No	n/a	n/a	NP	NaN	41	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWC-9	No	n/a	n/a	NP	NaN	41	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWC-10	No	n/a	n/a	NP	NaN	41	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWC-18	No	n/a	n/a	NP	NaN	41	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWC-19	No	n/a	n/a	NP	NaN	41	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWC-20	No	n/a	n/a	NP	NaN	40	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWC-21	n/a	n/a	n/a	NP	NaN	40	0.001065	0.0004111	unknown	ShapiroWilk
Silver (mg/L)	GWC-22	No	n/a	n/a	NP	NaN	41	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWC-23	No	n/a	n/a	NP	NaN	42	0.001	0	normal	ShapiroWilk
Sulfate (mg/L)	GWA-1 (bg)	No	n/a	n/a	NP	NaN	25	4.635	0.6064	ln(x)	ShapiroWilk
Sulfate (mg/L)	GWA-2 (bg)	No	n/a	n/a	NP	NaN	25	19.4	6.97	ln(x)	ShapiroWilk
Sulfate (mg/L)	GWA-3 (bg)	No	n/a	n/a	NP	NaN	25	110.6	35.64	ln(x)	ShapiroWilk
Sulfate (mg/L)	GWA-4 (bg)	No	n/a	n/a	NP	NaN	25	165.2	52.84	ln(x)	ShapiroWilk
Sulfate (mg/L)	GWA-11 (bg)	No	n/a	n/a	NP	NaN	25	11.39	1.581	ln(x)	ShapiroWilk
Sulfate (mg/L)	GWC-5	No	n/a	n/a	NP	NaN	25	85.69	19.2	ln(x)	ShapiroWilk
Sulfate (mg/L)	GWC-6	No	n/a	n/a	NP	NaN	29	103.9	15.48	x^(1/3)	ShapiroWilk
Sulfate (mg/L)	GWC-7	No	n/a	n/a	NP	NaN	25	109.9	24.5	normal	ShapiroWilk
Sulfate (mg/L)	GWC-8	No	n/a	n/a	NP	NaN	25	39.51	8.376	sqrt(x)	ShapiroWilk
Sulfate (mg/L)	GWC-9	No	n/a	n/a	NP	NaN	26	70.86	7.074	x^3	ShapiroWilk
Sulfate (mg/L)	GWC-10	No	n/a	n/a	NP	NaN	26	15.11	7.617	ln(x)	ShapiroWilk
Sulfate (mg/L)	GWC-18	No	n/a	n/a	NP	NaN	25	9.762	1.766	ln(x)	ShapiroWilk
Sulfate (mg/L)	GWC-19	No	n/a	n/a	NP	NaN	25	18.63	4.089	ln(x)	ShapiroWilk
Sulfate (mg/L)	GWC-20	No	n/a	n/a	NP	NaN	30	48.06	17.28	x^(1/3)	ShapiroWilk
Sulfate (mg/L)	GWC-21	No	n/a	n/a	NP	NaN	25	28.04	9.624	ln(x)	ShapiroWilk
Sulfate (mg/L)	GWC-22	No	n/a	n/a	NP	NaN	25	7.42	2.041	normal	ShapiroWilk
Sulfate (mg/L)	GWC-23	No	n/a	n/a	NP	NaN	25	10.98	9.883	ln(x)	ShapiroWilk
TDS (mg/L)	GWA-1 (bg)	No	n/a	n/a	NP	NaN	25	104.8	23.73	ln(x)	ShapiroWilk
TDS (mg/L)	GWA-2 (bg)	No	n/a	n/a	NP	NaN	25	241.4	39.95	ln(x)	ShapiroWilk
TDS (mg/L)	GWA-3 (bg)	No	n/a	n/a	NP	NaN	25	437.7	76.58	ln(x)	ShapiroWilk
TDS (mg/L)	GWA-4 (bg)	No	n/a	n/a	NP	NaN	25	488.4	85.23	ln(x)	ShapiroWilk
TDS (mg/L)	GWA-11 (bg)	No	n/a	n/a	NP	NaN	25	125.8	24.79	ln(x)	ShapiroWilk
TDS (mg/L)	GWC-5	No	n/a	n/a	NP	NaN	25	391.8	37.89	ln(x)	ShapiroWilk
TDS (mg/L)	GWC-6	No	n/a	n/a	NP	NaN	27	332.4	35.75	ln(x)	ShapiroWilk
TDS (mg/L)	GWC-7	No	n/a	n/a	NP	NaN	25	266	36.12	ln(x)	ShapiroWilk
TDS (mg/L)	GWC-8	No	n/a	n/a	NP	NaN	27	284.1	81	x^2	ShapiroWilk
TDS (mg/L)	GWC-9	No	n/a	n/a	NP	NaN	25	232.2	33.19	ln(x)	ShapiroWilk
TDS (mg/L)	GWC-10	No	n/a	n/a	NP	NaN	25	182.1	31.94	x^2	ShapiroWilk
TDS (mg/L)	**GWC-18**	**Yes**	**427**	**3/27/2017**	**NP**	**NaN**	**25**	**217.1**	**50.8**	**ln(x)**	**ShapiroWilk**
TDS (mg/L)	**GWC-19**	**Yes**	**393**	**3/27/2017**	**NP**	**NaN**	**25**	**244.4**	**38.35**	**ln(x)**	**ShapiroWilk**
TDS (mg/L)	GWC-20	No	n/a	n/a	NP	NaN	25	259.1	44.15	ln(x)	ShapiroWilk
TDS (mg/L)	GWC-21	No	n/a	n/a	NP	NaN	27	181.4	77.38	ln(x)	ShapiroWilk
TDS (mg/L)	**GWC-22**	**Yes**	**324**	**3/27/2017**	**NP**	**NaN**	**25**	**218.1**	**27.55**	**ln(x)**	**ShapiroWilk**
TDS (mg/L)	GWC-23	No	n/a	n/a	NP	NaN	25	197.7	37.68	ln(x)	ShapiroWilk
Thallium (mg/L)	GWA-1 (bg)	n/a	n/a	n/a	NP	NaN	45	0.0004938	0.00004174	unknown	ShapiroWilk
Thallium (mg/L)	GWA-2 (bg)	No	n/a	n/a	NP	NaN	45	0.0005	0	normal	ShapiroWilk
Thallium (mg/L)	GWA-3 (bg)	No	n/a	n/a	NP	NaN	45	0.0005	0	normal	ShapiroWilk
Thallium (mg/L)	GWA-4 (bg)	No	n/a	n/a	NP	NaN	45	0.0005	0	normal	ShapiroWilk
Thallium (mg/L)	GWA-11 (bg)	No	n/a	n/a	NP	NaN	45	0.0005	0	normal	ShapiroWilk
Thallium (mg/L)	GWC-5	No	n/a	n/a	NP	NaN	45	0.0005	0	normal	ShapiroWilk
Thallium (mg/L)	GWC-6	No	n/a	n/a	NP	NaN	45	0.0005	0	normal	ShapiroWilk
Thallium (mg/L)	GWC-7	n/a	n/a	n/a	NP	NaN	45	0.0004911	0.00005963	unknown	ShapiroWilk
Thallium (mg/L)	GWC-8	No	n/a	n/a	NP	NaN	45	0.0005	0	normal	ShapiroWilk
Thallium (mg/L)	GWC-9	No	n/a	n/a	NP	NaN	45	0.0005	0	normal	ShapiroWilk
Thallium (mg/L)	GWC-10	No	n/a	n/a	NP	NaN	45	0.0005	0	normal	ShapiroWilk
Thallium (mg/L)	GWC-18	No	n/a	n/a	NP	NaN	45	0.0005	0	normal	ShapiroWilk
Thallium (mg/L)	GWC-19	No	n/a	n/a	NP	NaN	45	0.0005	0	normal	ShapiroWilk
Thallium (mg/L)	GWC-20	No	n/a	n/a	NP	NaN	44	0.0005	0	normal	ShapiroWilk
Thallium (mg/L)	GWC-21	No	n/a	n/a	NP	NaN	44	0.0005	0	normal	ShapiroWilk
Thallium (mg/L)	GWC-22	No	n/a	n/a	NP	NaN	45	0.0005	0	normal	ShapiroWilk
Thallium (mg/L)	GWC-23	No	n/a	n/a	NP	NaN	46	0.0005	0	normal	ShapiroWilk

Tukey's Outlier Test - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 3/3/2026, 10:29 AM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Vanadium (mg/L)	GWA-1 (bg)	n/a	n/a	n/a	NP	NaN	41	0.004856	0.0006442	unknown	ShapiroWilk
Vanadium (mg/L)	GWA-2 (bg)	No	n/a	n/a	NP	NaN	41	0.005	0	normal	ShapiroWilk
Vanadium (mg/L)	GWA-3 (bg)	No	n/a	n/a	NP	NaN	41	0.005	0	normal	ShapiroWilk
Vanadium (mg/L)	GWA-4 (bg)	n/a	n/a	n/a	NP	NaN	41	0.004907	0.0005935	unknown	ShapiroWilk
Vanadium (mg/L)	GWA-11 (bg)	No	n/a	n/a	NP	NaN	41	0.005	0	normal	ShapiroWilk
Vanadium (mg/L)	GWC-5	n/a	n/a	n/a	NP	NaN	41	0.004901	0.0006356	unknown	ShapiroWilk
Vanadium (mg/L)	GWC-6	No	n/a	n/a	NP	NaN	41	0.005	0	normal	ShapiroWilk
Vanadium (mg/L)	GWC-7	n/a	n/a	n/a	NP	NaN	41	0.004678	0.000938	unknown	ShapiroWilk
Vanadium (mg/L)	GWC-8	n/a	n/a	n/a	NP	NaN	41	0.005707	0.004529	unknown	ShapiroWilk
Vanadium (mg/L)	GWC-9	n/a	n/a	n/a	NP	NaN	41	0.004949	0.000328	unknown	ShapiroWilk
Vanadium (mg/L)	GWC-10	No	n/a	n/a	NP	NaN	41	0.005	0	normal	ShapiroWilk
Vanadium (mg/L)	GWC-18	No	n/a	n/a	NP	NaN	41	0.005	0	normal	ShapiroWilk
Vanadium (mg/L)	GWC-19	No	n/a	n/a	NP	NaN	41	0.005	0	normal	ShapiroWilk
Vanadium (mg/L)	GWC-20	No	n/a	n/a	NP	NaN	40	0.005	0	normal	ShapiroWilk
Vanadium (mg/L)	GWC-21	n/a	n/a	n/a	NP	NaN	40	0.004847	0.0007067	unknown	ShapiroWilk
Vanadium (mg/L)	GWC-22	No	n/a	n/a	NP	NaN	41	0.005	0	normal	ShapiroWilk
Vanadium (mg/L)	GWC-23	n/a	n/a	n/a	NP	NaN	42	0.004885	0.0007453	unknown	ShapiroWilk
Zinc (mg/L)	GWA-1 (bg)	n/a	n/a	n/a	NP	NaN	41	0.00861	0.00289	unknown	ShapiroWilk
Zinc (mg/L)	**GWA-2 (bg)**	**Yes**	**0.0015,0.0017,0.0014**	**9/3/2014,10/4/2017,4/8/2019**	**NP**	**NaN**	**41**	**0.008205**	**0.003237**	**ln(x)**	**ShapiroWilk**
Zinc (mg/L)	GWA-3 (bg)	No	n/a	n/a	NP	NaN	41	0.01295	0.008516	ln(x)	ShapiroWilk
Zinc (mg/L)	GWA-4 (bg)	No	n/a	n/a	NP	NaN	41	0.006812	0.003274	ln(x)	ShapiroWilk
Zinc (mg/L)	GWA-11 (bg)	No	n/a	n/a	NP	NaN	41	0.008242	0.00305	sqrt(x)	ShapiroWilk
Zinc (mg/L)	GWC-5	No	n/a	n/a	NP	NaN	41	0.007676	0.003364	x^(1/3)	ShapiroWilk
Zinc (mg/L)	GWC-6	n/a	n/a	n/a	NP	NaN	41	0.008423	0.00308	unknown	ShapiroWilk
Zinc (mg/L)	GWC-7	No	n/a	n/a	NP	NaN	41	2.694	7.517	ln(x)	ShapiroWilk
Zinc (mg/L)	GWC-8	n/a	n/a	n/a	NP	NaN	41	0.009337	0.006436	unknown	ShapiroWilk
Zinc (mg/L)	GWC-9	No	n/a	n/a	NP	NaN	41	0.008044	0.003336	ln(x)	ShapiroWilk
Zinc (mg/L)	GWC-10	n/a	n/a	n/a	NP	NaN	41	0.008822	0.002758	unknown	ShapiroWilk
Zinc (mg/L)	**GWC-18**	**Yes**	**0.0026,0.0022,0.0013,0.0019,0.0024,0.0029**	**5/9/2007,3/10/2014,9/3/2014,4...**	**NP**	**NaN**	**41**	**0.008317**	**0.003069**	**ln(x)**	**ShapiroWilk**
Zinc (mg/L)	GWC-19	No	n/a	n/a	NP	NaN	41	0.007958	0.00346	x^3	ShapiroWilk
Zinc (mg/L)	GWC-20	n/a	n/a	n/a	NP	NaN	40	0.008859	0.002839	unknown	ShapiroWilk
Zinc (mg/L)	GWC-21	No	n/a	n/a	NP	NaN	40	0.006231	0.00253	ln(x)	ShapiroWilk
Zinc (mg/L)	GWC-22	n/a	n/a	n/a	NP	NaN	41	0.008983	0.002552	unknown	ShapiroWilk
Zinc (mg/L)	GWC-23	No	n/a	n/a	NP	NaN	42	0.007324	0.003409	x^(1/3)	ShapiroWilk

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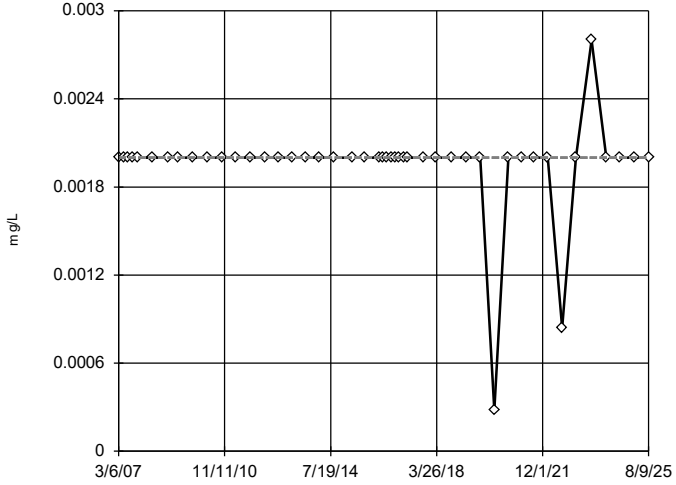
Tukey's Outlier Screening

GWA-1 (bg)



n = 46

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 3/3/2026 10:15 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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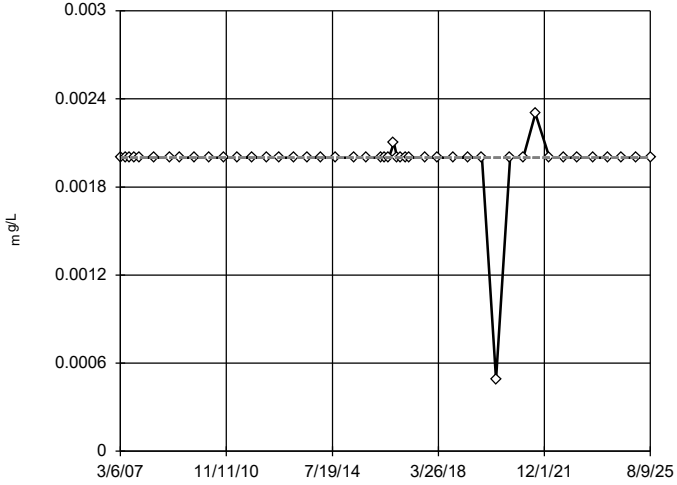
Tukey's Outlier Screening

GWA-2 (bg)



n = 46

No outliers found. Tukey's method selected by user.

Data were x^5 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 3/3/2026 10:15 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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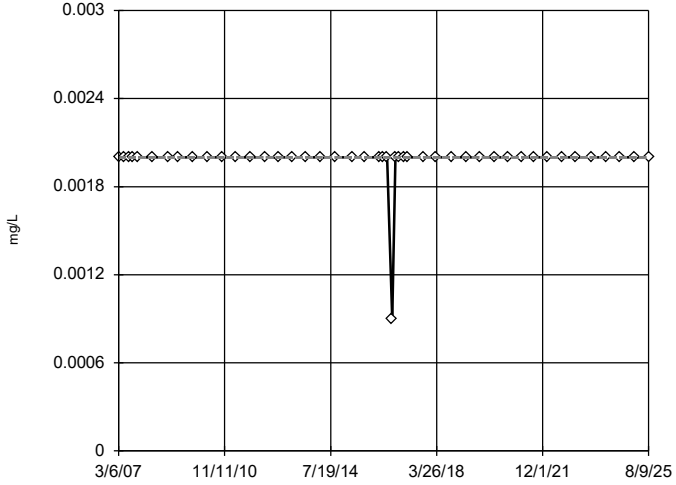
Tukey's Outlier Screening

GWA-3 (bg)



n = 46

No outliers found. Tukey's method selected by user.

Data were x^4 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 3/3/2026 10:15 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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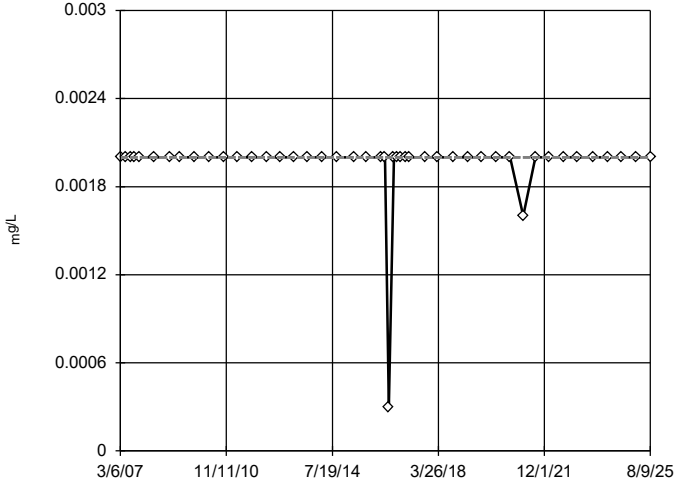
Tukey's Outlier Screening

GWA-4 (bg)



n = 46

No outliers found. Tukey's method selected by user.

Data were x^5 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 3/3/2026 10:15 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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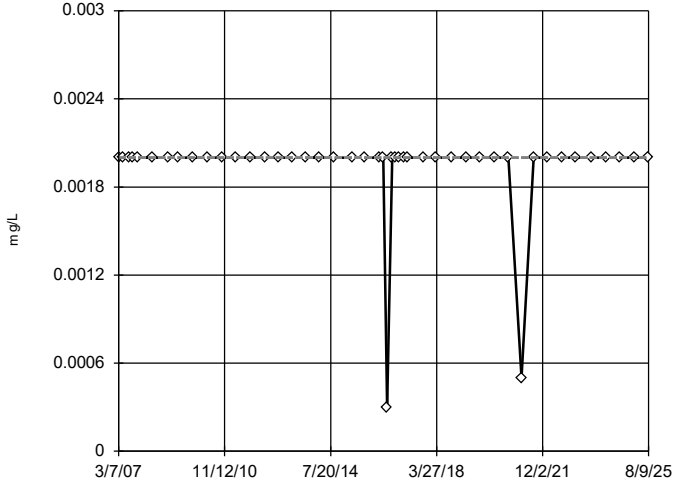
Tukey's Outlier Screening

GWA-11 (bg)



n = 46

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 3/3/2026 10:15 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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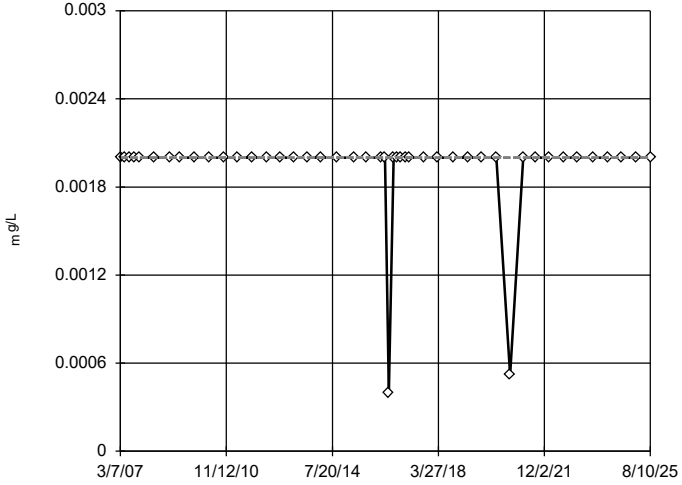
Tukey's Outlier Screening

GWC-5



n = 46

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 3/3/2026 10:15 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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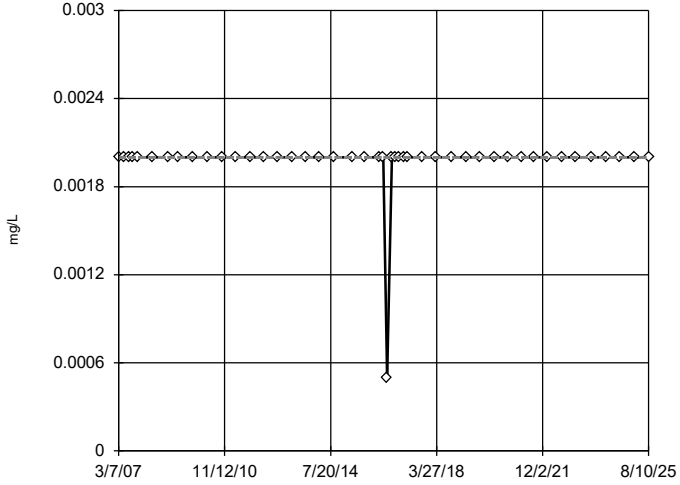
Tukey's Outlier Screening

GWC-6



n = 46

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 3/3/2026 10:15 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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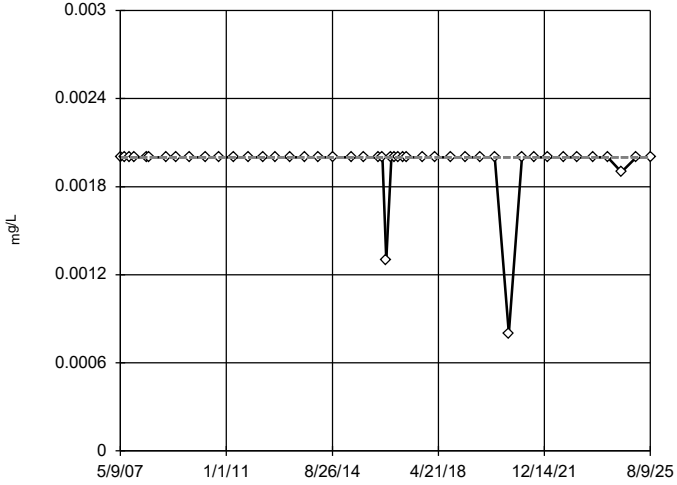
Tukey's Outlier Screening

GWC-7



n = 46

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 3/3/2026 10:15 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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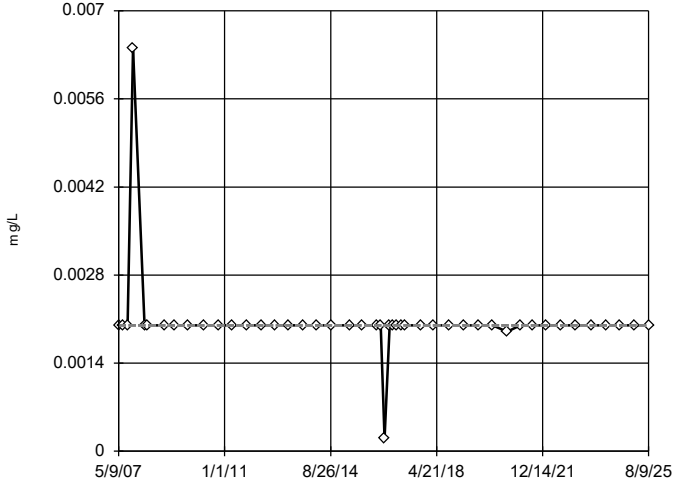
Tukey's Outlier Screening

GWC-8



n = 46

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 3/3/2026 10:15 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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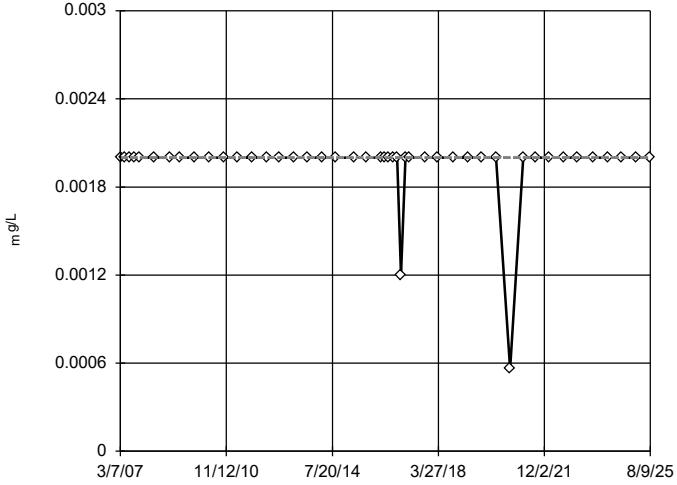
Tukey's Outlier Screening

GWC-9



n = 46

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 3/3/2026 10:15 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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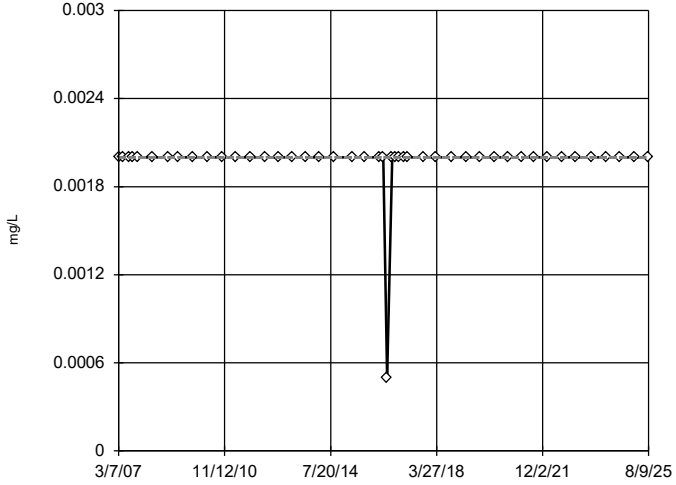
Tukey's Outlier Screening

GWC-10



n = 46

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 3/3/2026 10:15 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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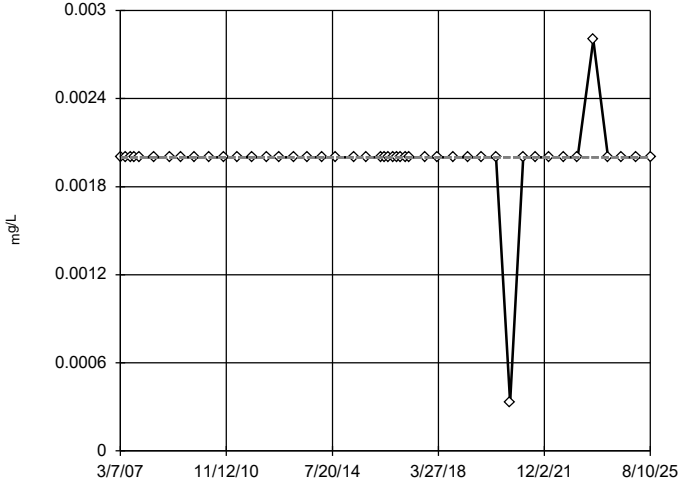
Tukey's Outlier Screening

GWC-18



n = 46

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 3/3/2026 10:15 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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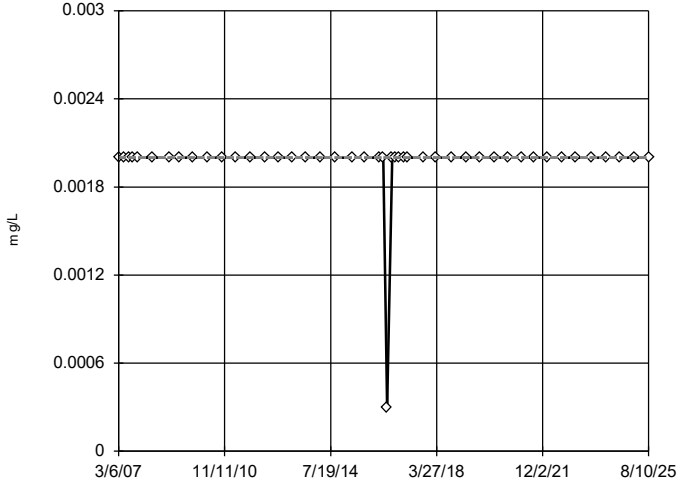
Tukey's Outlier Screening

GWC-19



n = 46

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 3/3/2026 10:15 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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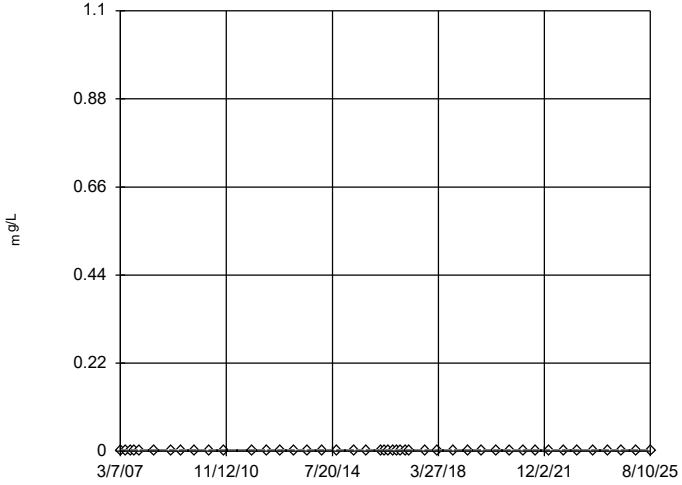
Tukey's Outlier Screening

GWC-20



n = 45

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Antimony Analysis Run 3/3/2026 10:16 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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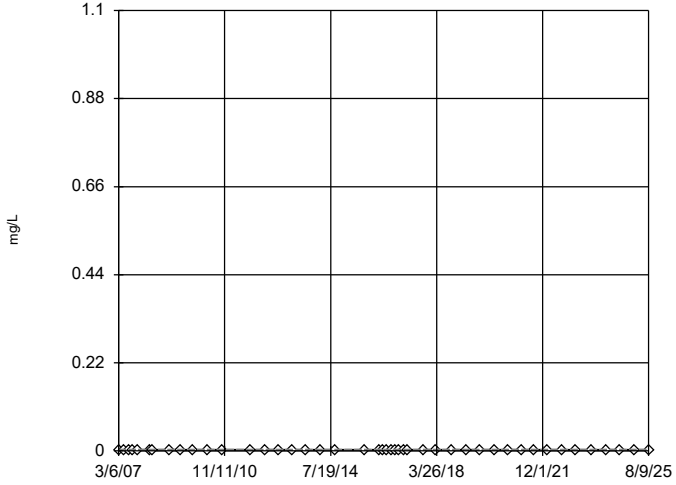
Tukey's Outlier Screening

GWC-21



n = 45

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Antimony Analysis Run 3/3/2026 10:16 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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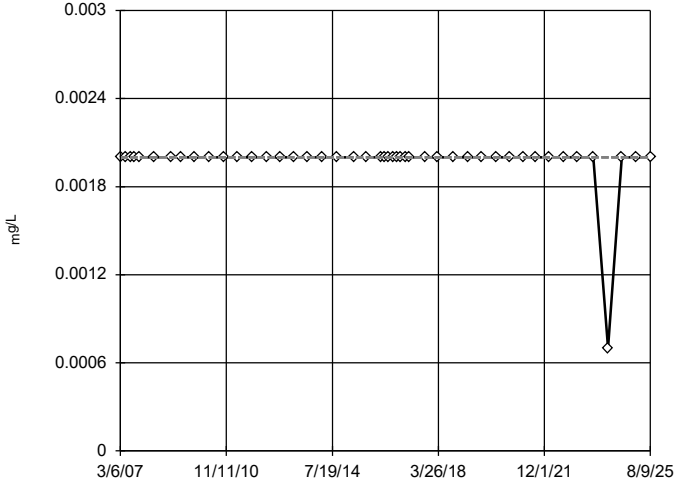
Tukey's Outlier Screening

GWC-22



n = 46

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 3/3/2026 10:16 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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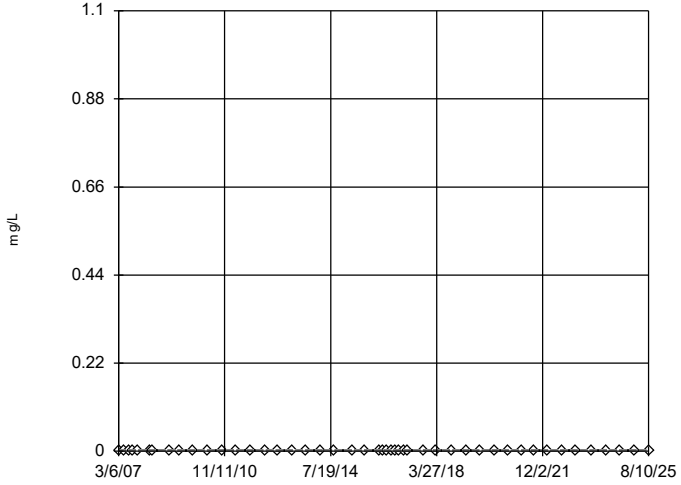
Tukey's Outlier Screening

GWC-23



n = 47

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Antimony Analysis Run 3/3/2026 10:16 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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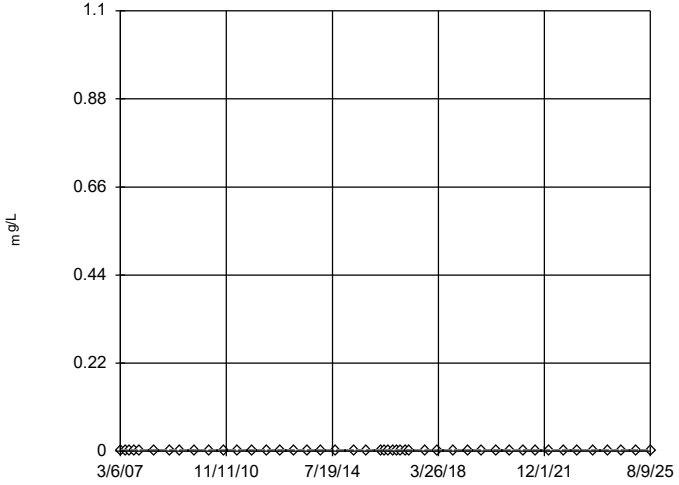
Tukey's Outlier Screening

GWA-1 (bg)



n = 46

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Arsenic Analysis Run 3/3/2026 10:16 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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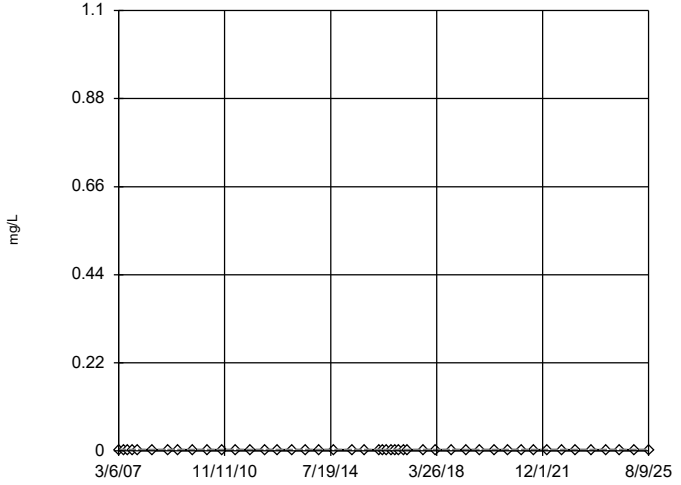
Tukey's Outlier Screening

GWA-2 (bg)



n = 46

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Arsenic Analysis Run 3/3/2026 10:16 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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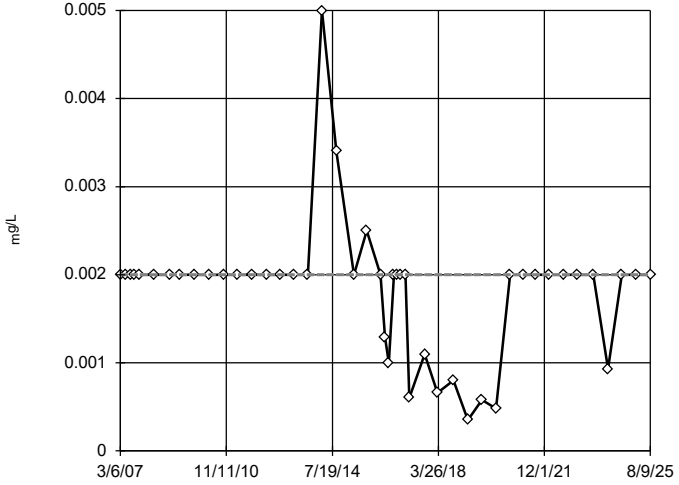
Tukey's Outlier Screening

GWA-3 (bg)



n = 46

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 3/3/2026 10:16 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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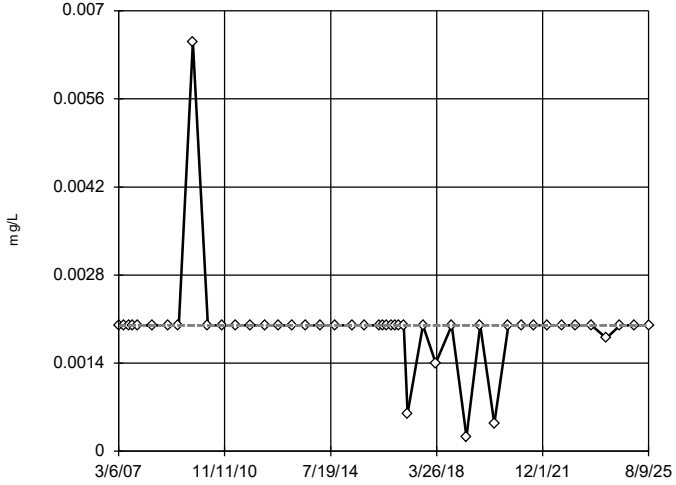
Tukey's Outlier Screening

GWA-4 (bg)



n = 46

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 3/3/2026 10:16 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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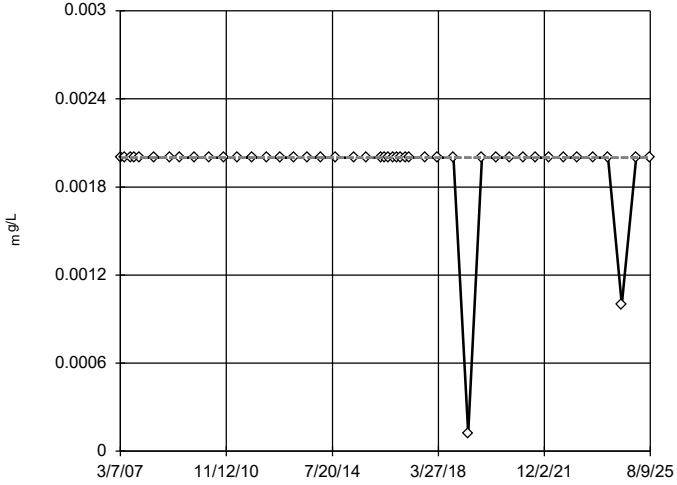
Tukey's Outlier Screening

GWA-11 (bg)



n = 46

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 3/3/2026 10:16 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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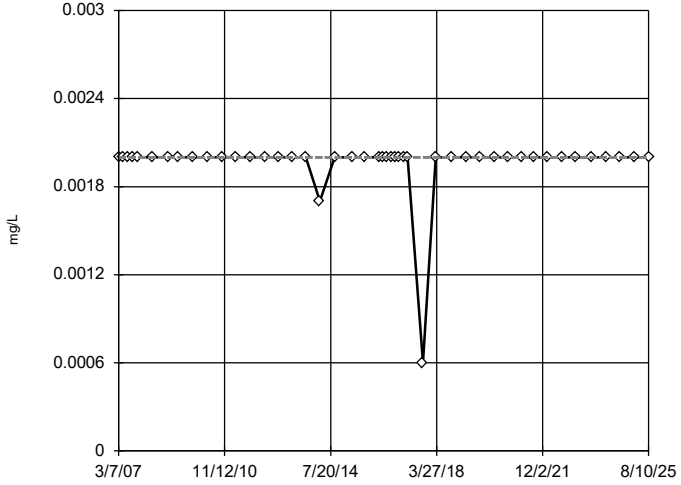
Tukey's Outlier Screening

GWC-5



n = 46

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 3/3/2026 10:16 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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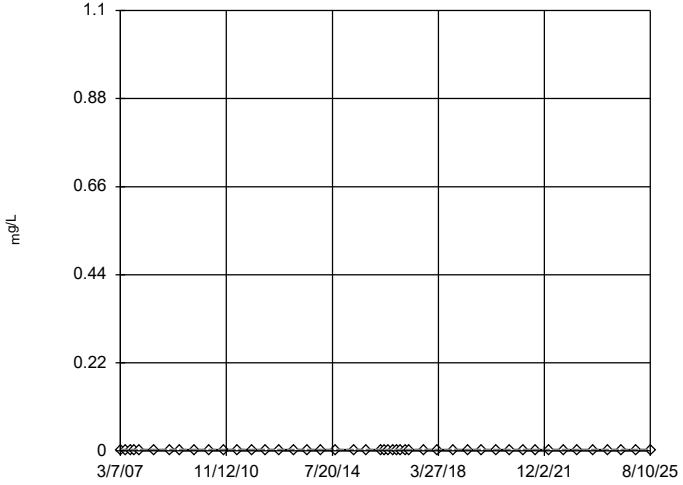
Tukey's Outlier Screening

GWC-6



n = 46

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Arsenic Analysis Run 3/3/2026 10:16 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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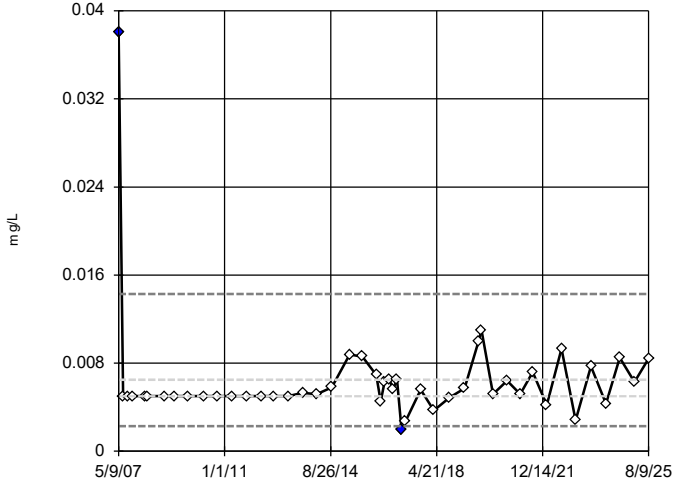
Tukey's Outlier Screening

GWC-7



n = 47

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.01428, low cutoff = 0.002276, based on IQR multiplier of 3.

Constituent: Arsenic Analysis Run 3/3/2026 10:16 AM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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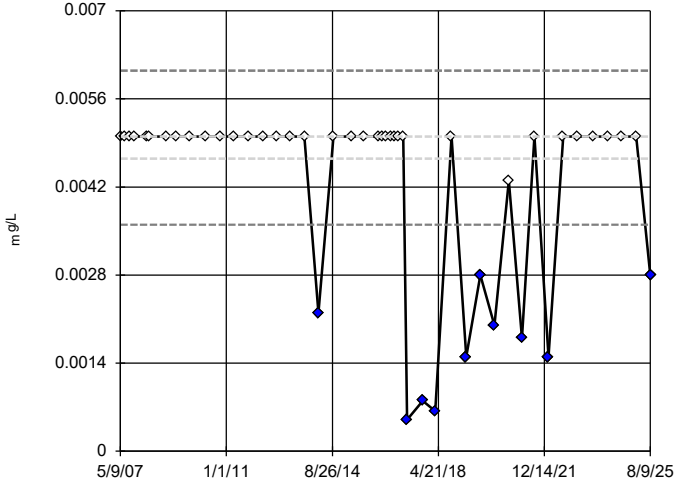
Tukey's Outlier Screening

GWC-8



n = 46

Outliers are drawn as solid.
Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 0.00605, low cutoff = 0.0036, based on IQR multiplier of 3.

Constituent: Arsenic Analysis Run 3/3/2026 10:16 AM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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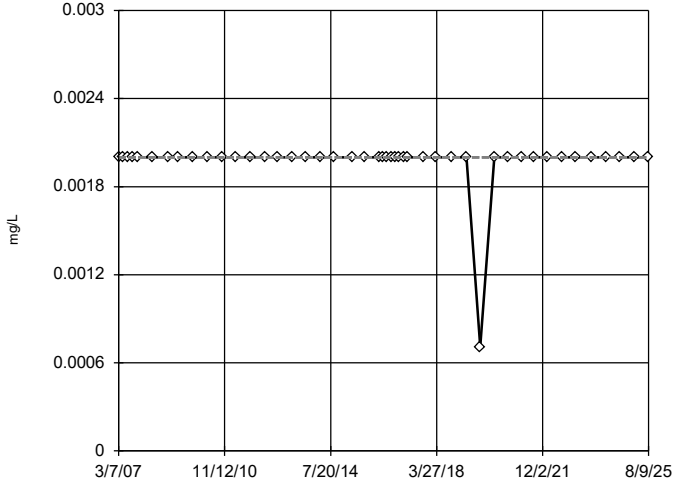
Tukey's Outlier Screening

GWC-9



n = 46

No outliers found.
Tukey's method selected by user.

Data were x^4 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 3/3/2026 10:16 AM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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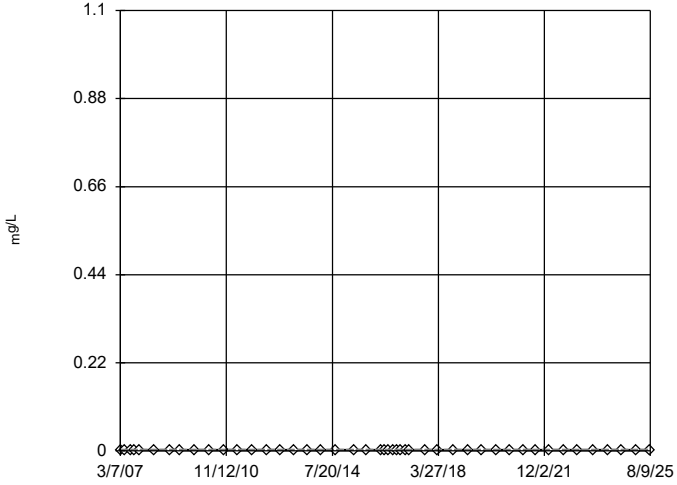
Tukey's Outlier Screening

GWC-10



n = 46

No outliers found.
Tukey's method selected by user.

All values are the same.

Constituent: Arsenic Analysis Run 3/3/2026 10:16 AM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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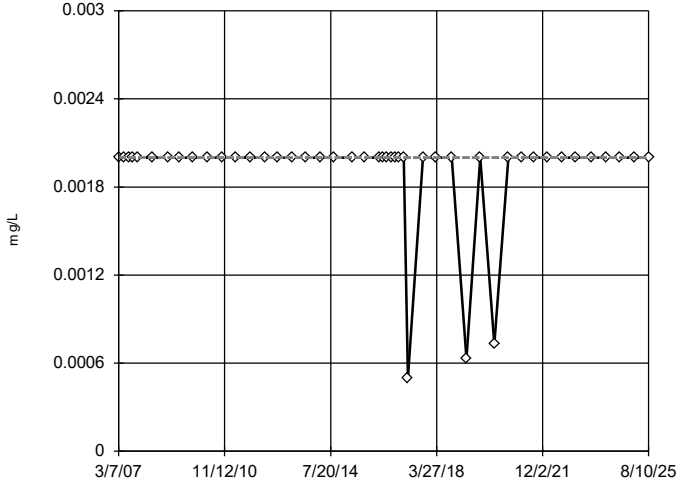
Tukey's Outlier Screening

GWC-18



n = 46

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 3/3/2026 10:16 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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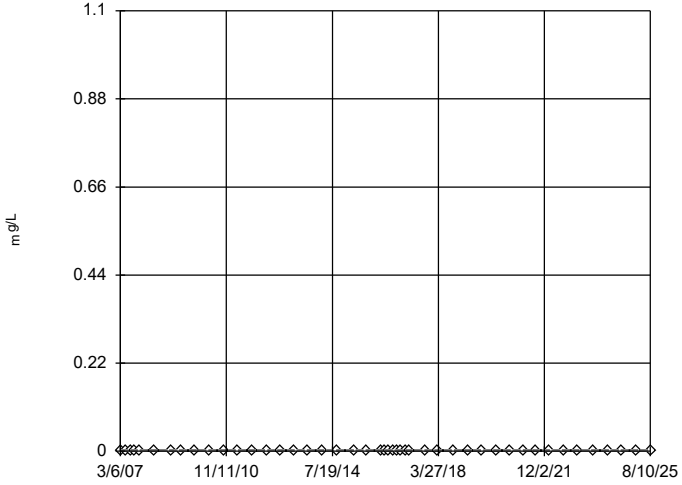
Tukey's Outlier Screening

GWC-19



n = 46

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Arsenic Analysis Run 3/3/2026 10:16 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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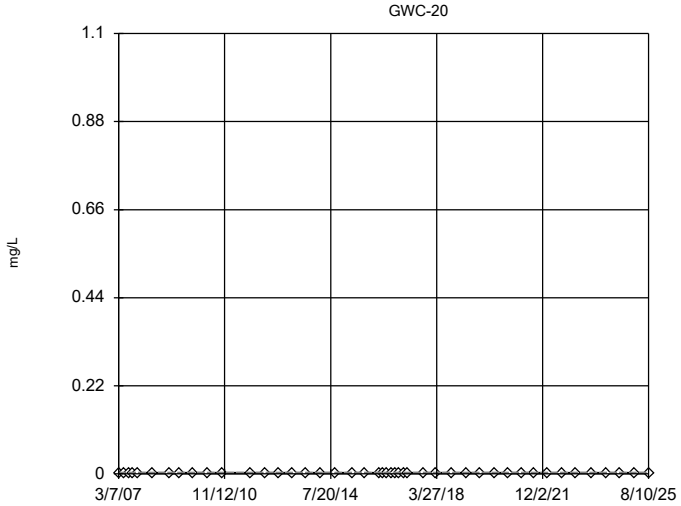
Tukey's Outlier Screening

GWC-20



n = 45

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Arsenic Analysis Run 3/3/2026 10:16 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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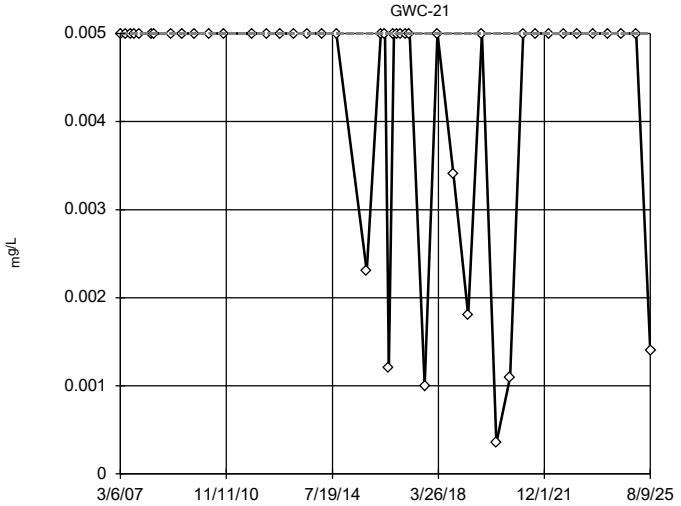
Tukey's Outlier Screening

GWC-21



n = 45

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 3/3/2026 10:16 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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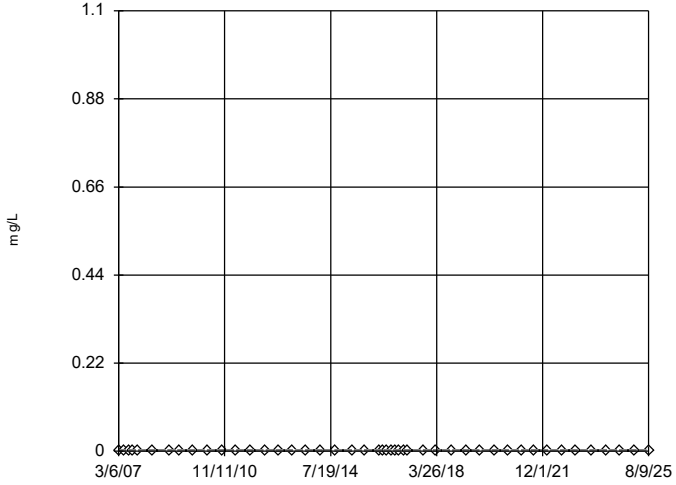
Tukey's Outlier Screening

GWC-22



n = 46

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Arsenic Analysis Run 3/3/2026 10:16 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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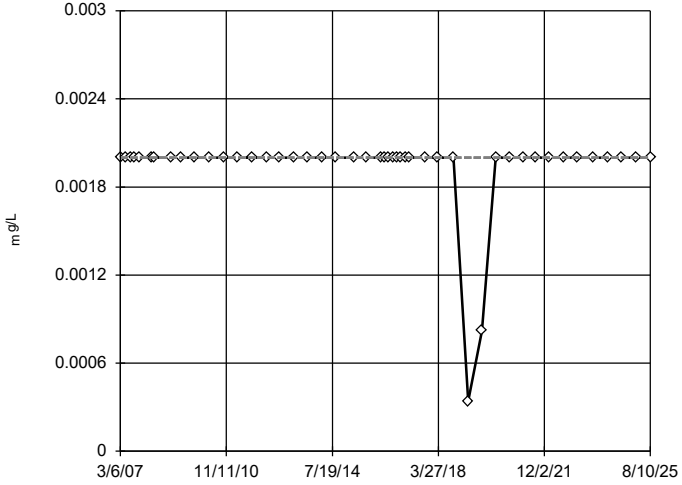
Tukey's Outlier Screening

GWC-23



n = 47

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 3/3/2026 10:16 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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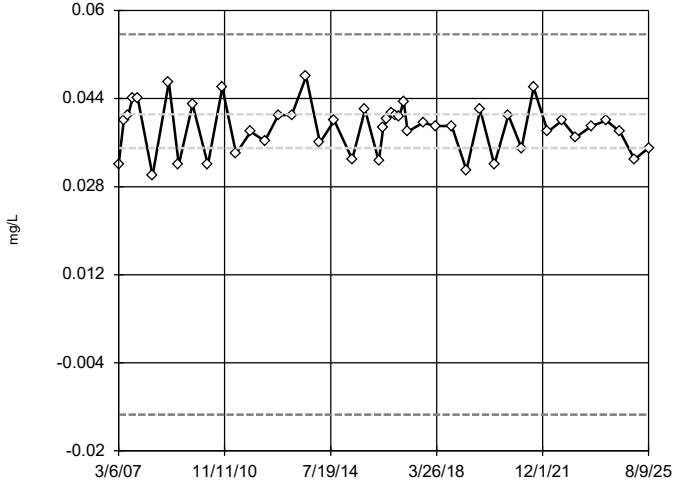
Tukey's Outlier Screening

GWA-1 (bg)



n = 46

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.05566, low cutoff = -0.01342, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 3/3/2026 10:16 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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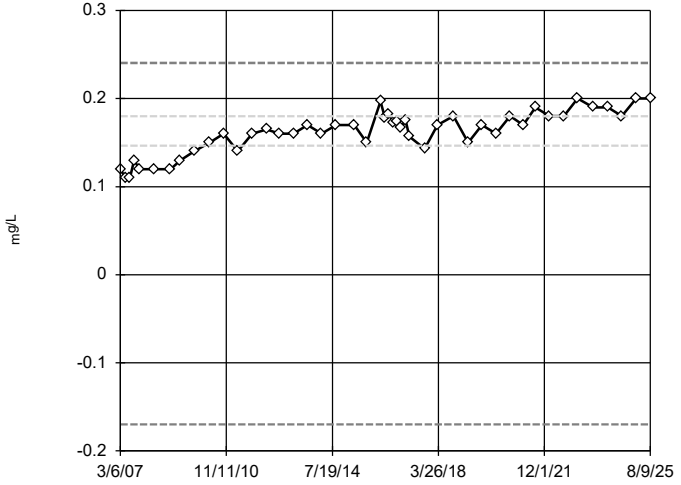
Tukey's Outlier Screening

GWA-2 (bg)



n = 46

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.2403, low cutoff = -0.1698, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 3/3/2026 10:16 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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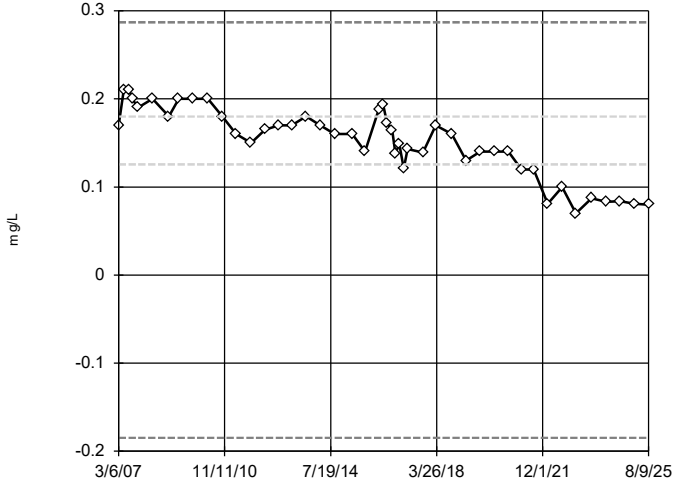
Tukey's Outlier Screening

GWA-3 (bg)



n = 46

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.2869, low cutoff = -0.1847, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 3/3/2026 10:16 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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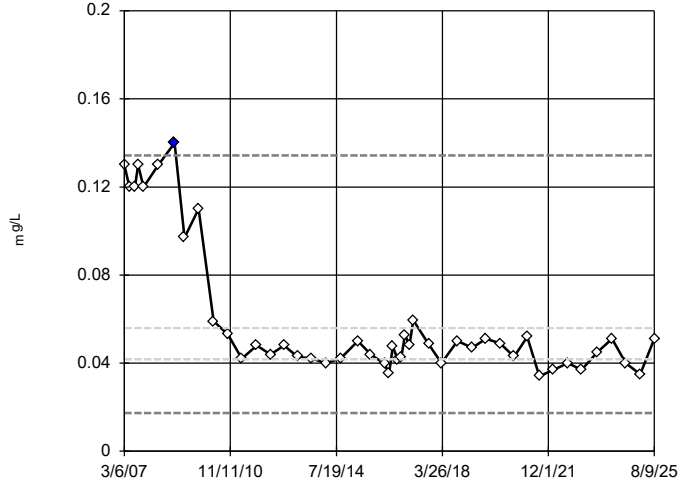
Tukey's Outlier Screening

GWA-4 (bg)



n = 46

Outlier is drawn as solid. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.1344, low cutoff = 0.01737, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 3/3/2026 10:16 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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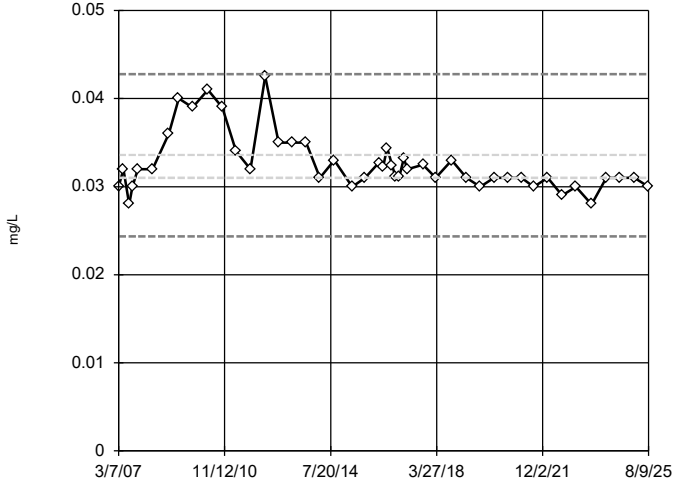
Tukey's Outlier Screening

GWA-11 (bg)



n = 46

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.04277, low cutoff = 0.02435, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 3/3/2026 10:16 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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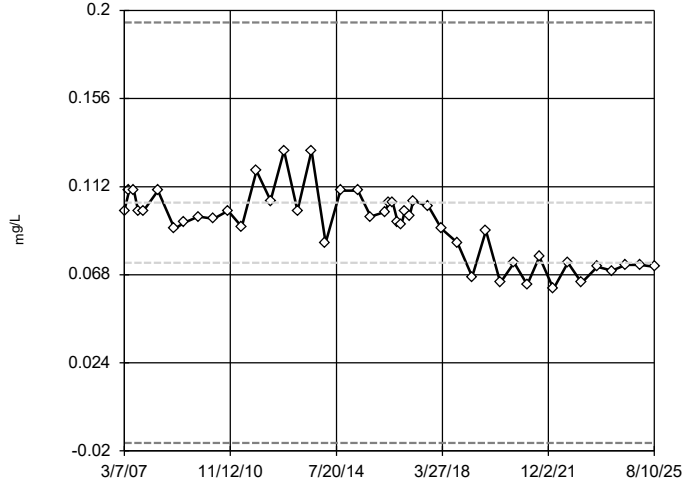
Tukey's Outlier Screening

GWC-5



n = 46

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 0.194, low cutoff = -0.016, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 3/3/2026 10:16 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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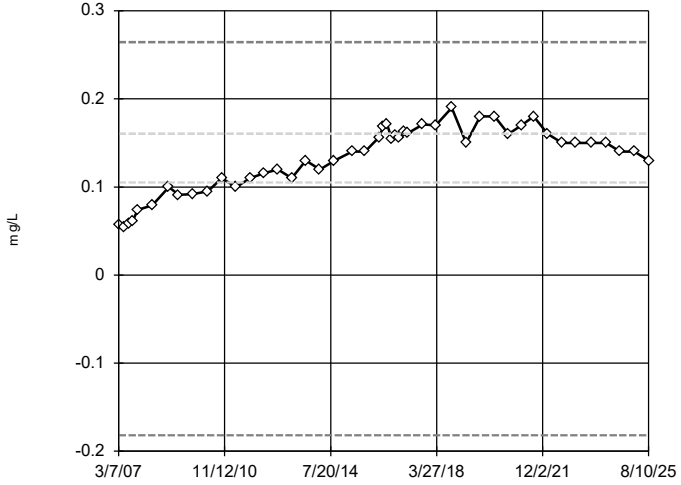
Tukey's Outlier Screening

GWC-6



n = 46

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.2644, low cutoff = -0.1819, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 3/3/2026 10:16 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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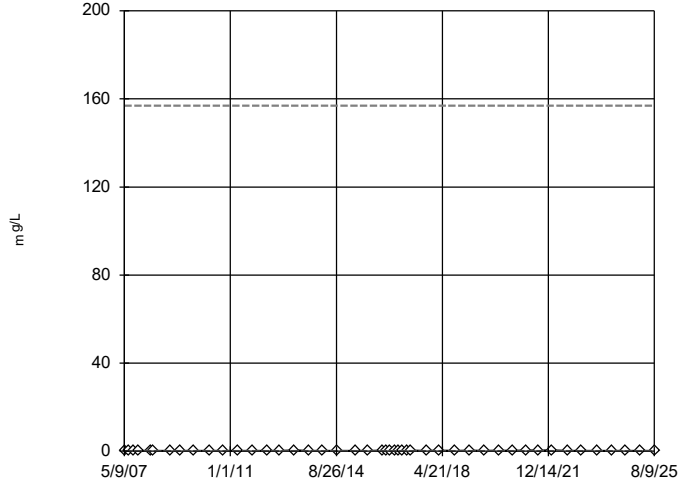
Tukey's Outlier Screening

GWC-7



n = 46

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 156.9, low cutoff = 0.000009754, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 3/3/2026 10:16 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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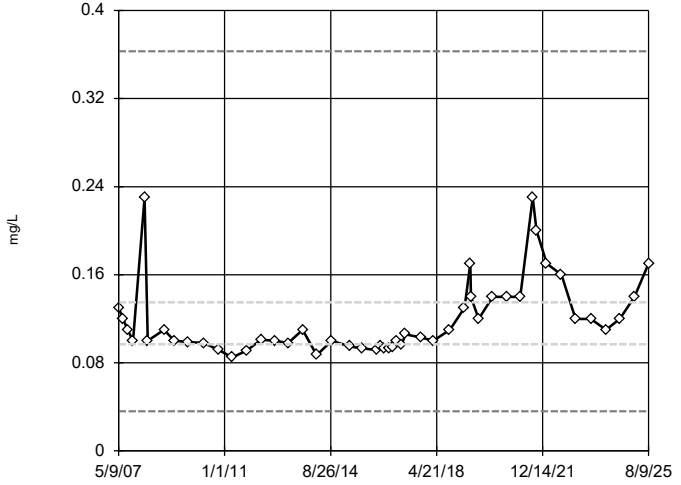
Tukey's Outlier Screening

GWC-8



n = 49

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.363, low cutoff = 0.03605, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 3/3/2026 10:16 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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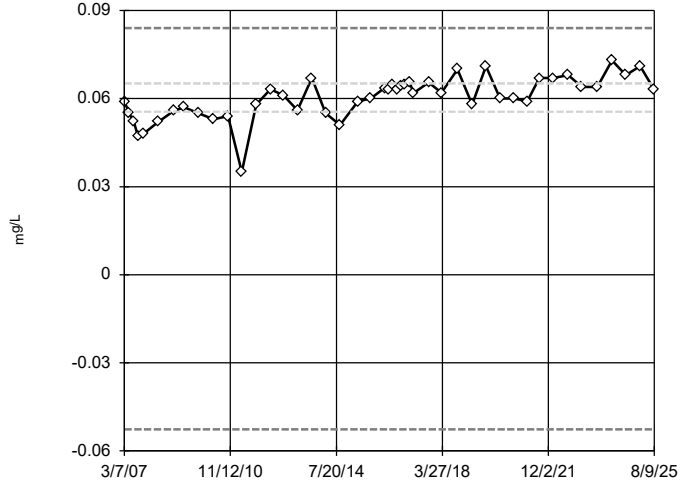
Tukey's Outlier Screening

GWC-9



n = 46

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.08402, low cutoff = -0.05262, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 3/3/2026 10:16 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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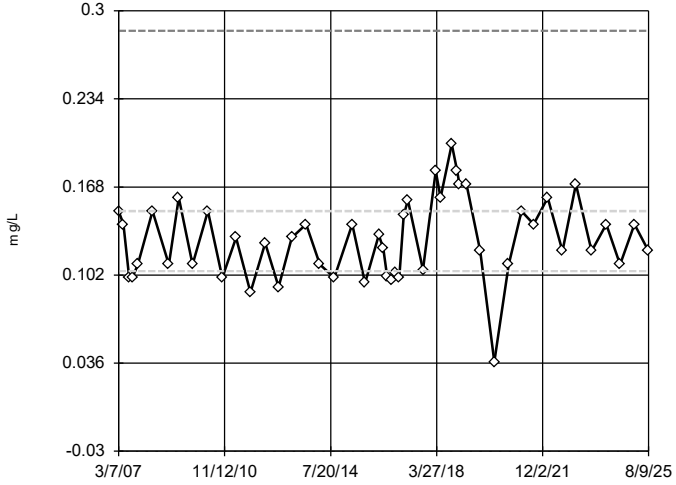
Tukey's Outlier Screening

GWC-10



n = 49

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 0.285, low cutoff = -0.03, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 3/3/2026 10:16 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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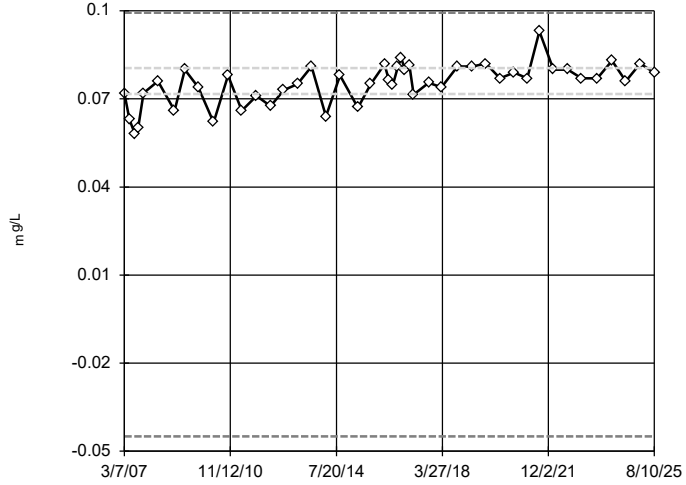
Tukey's Outlier Screening

GWC-18



n = 46

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.09936, low cutoff = -0.04493, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 3/3/2026 10:16 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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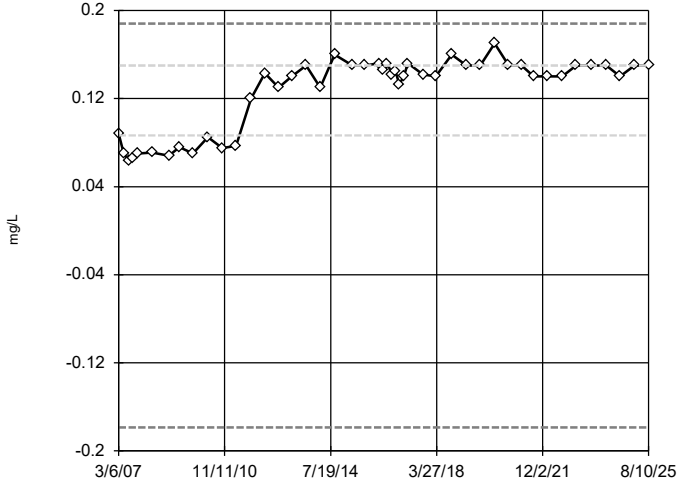
Tukey's Outlier Screening

GWC-19



n = 46

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.1881, low cutoff = -0.1786, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 3/3/2026 10:16 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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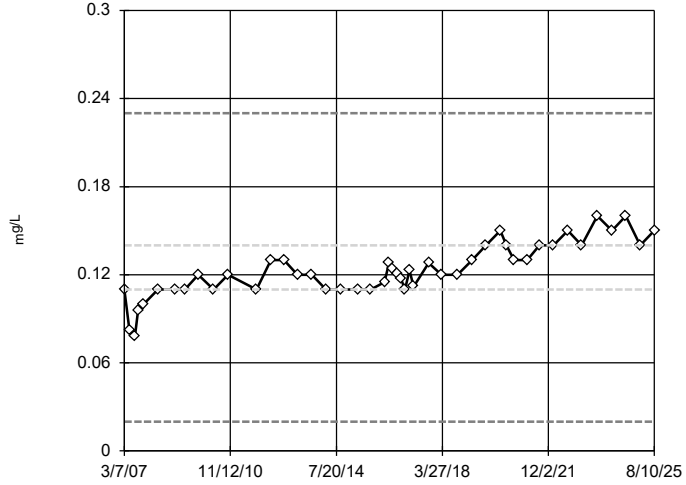
Tukey's Outlier Screening

GWC-20



n = 46

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 0.23, low cutoff = 0.02, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 3/3/2026 10:16 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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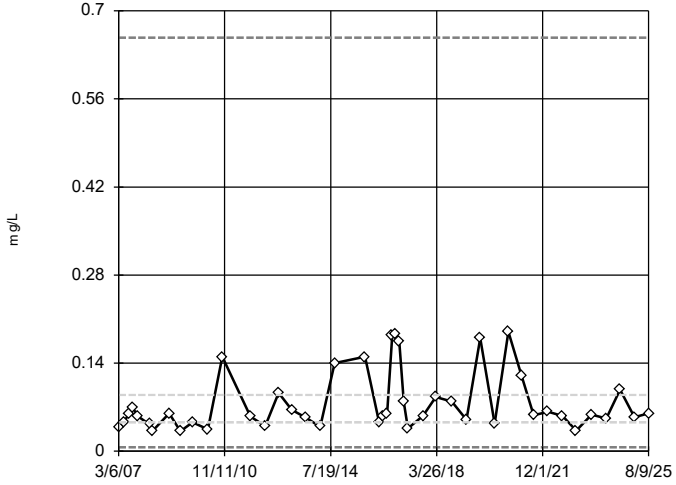
Tukey's Outlier Screening

GWC-21



n = 45

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.6572, low cutoff = 0.00626, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 3/3/2026 10:16 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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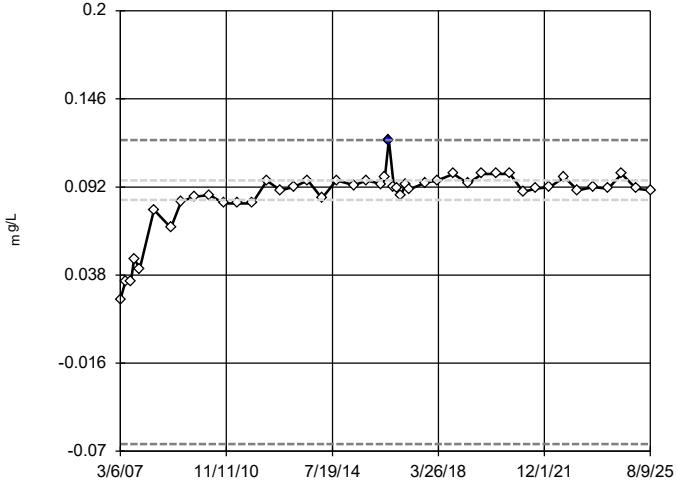
Tukey's Outlier Screening

GWC-22



n = 46

Outlier is drawn as solid. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.1207, low cutoff = -0.06561, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 3/3/2026 10:16 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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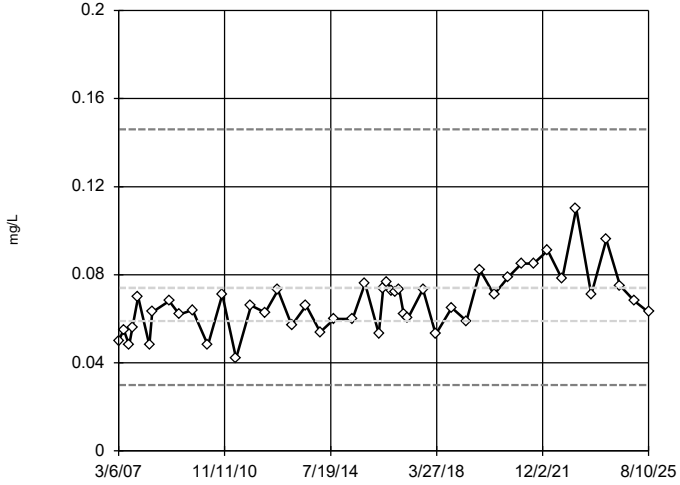
Tukey's Outlier Screening

GWC-23



n = 47

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.146, low cutoff = 0.0299, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 3/3/2026 10:16 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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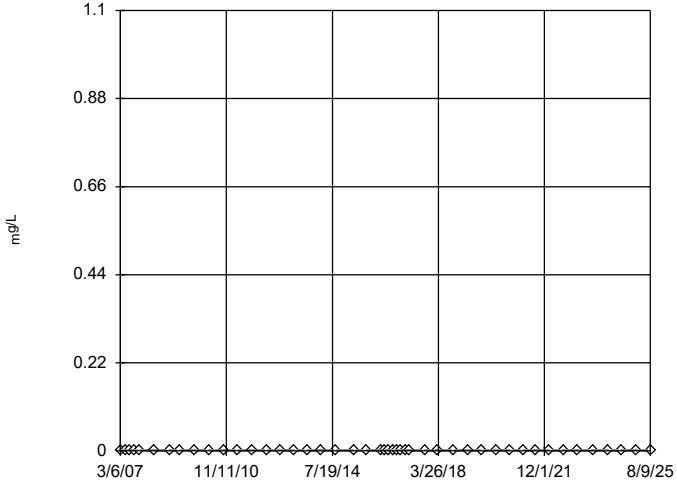
Tukey's Outlier Screening

GWA-1 (bg)



n = 46

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Beryllium Analysis Run 3/3/2026 10:16 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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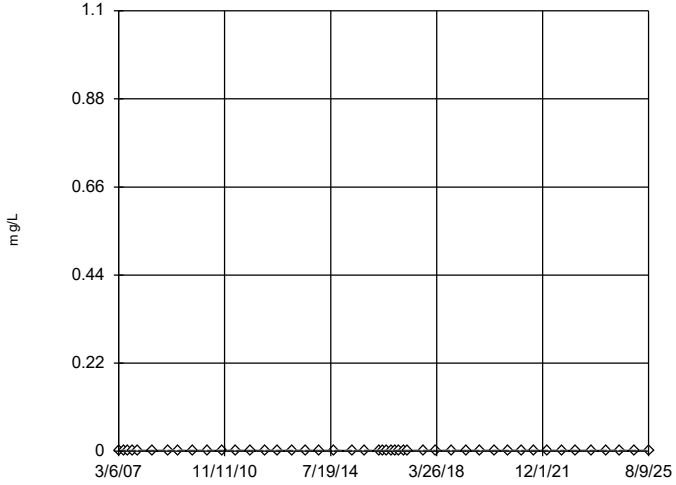
Tukey's Outlier Screening

GWA-2 (bg)



n = 46

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Beryllium Analysis Run 3/3/2026 10:16 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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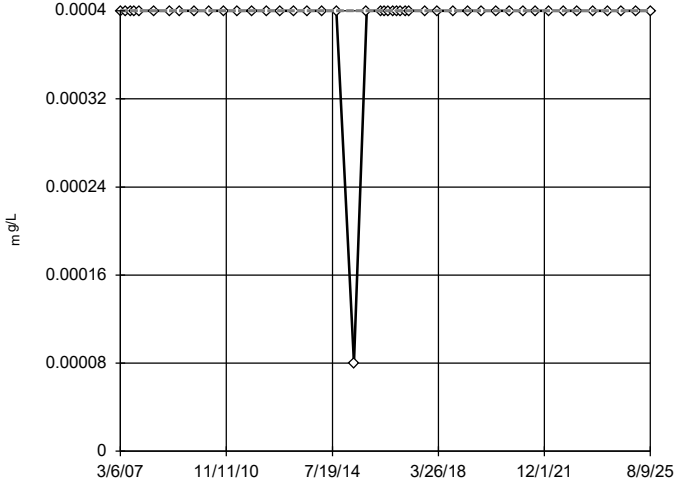
Tukey's Outlier Screening

GWA-3 (bg)



n = 46

No outliers found. Tukey's method selected by user.

Data were x^5 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 3/3/2026 10:16 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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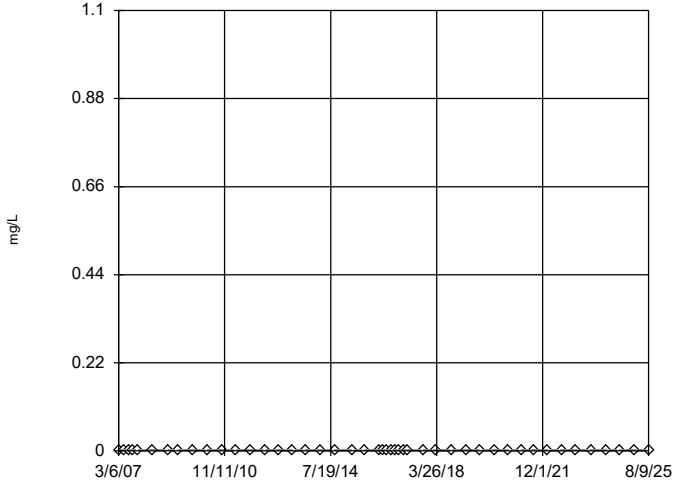
Tukey's Outlier Screening

GWA-4 (bg)



n = 46

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Beryllium Analysis Run 3/3/2026 10:16 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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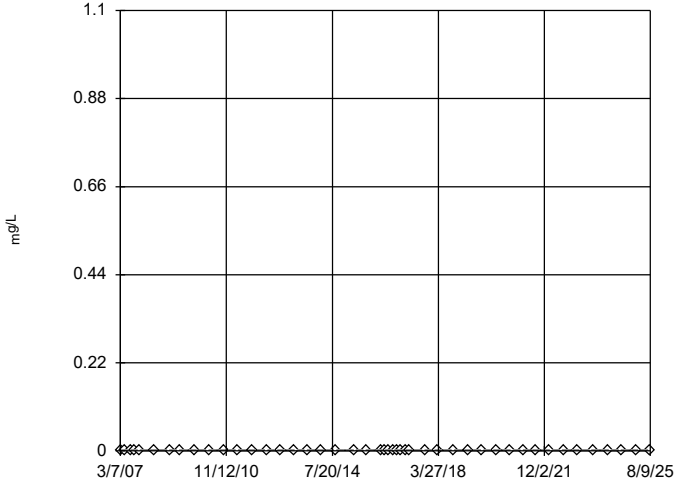
Tukey's Outlier Screening

GWA-11 (bg)



n = 46

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Beryllium Analysis Run 3/3/2026 10:16 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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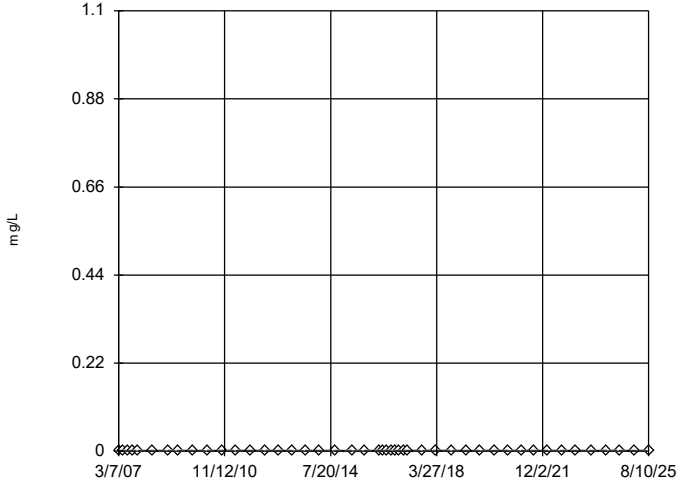
Tukey's Outlier Screening

GWC-5



n = 46

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Beryllium Analysis Run 3/3/2026 10:16 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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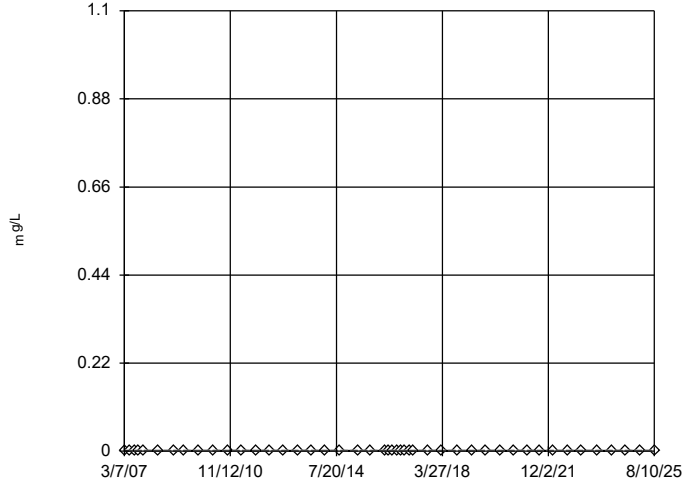
Tukey's Outlier Screening

GWC-6



n = 46

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Beryllium Analysis Run 3/3/2026 10:16 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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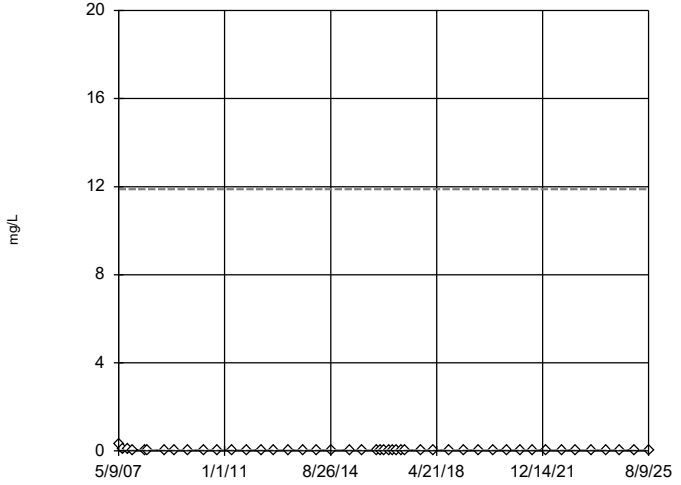
Tukey's Outlier Screening

GWC-7



n = 46

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 11.88, low cutoff = 5.3e-8, based on IQR multiplier of 3.

Constituent: Beryllium Analysis Run 3/3/2026 10:16 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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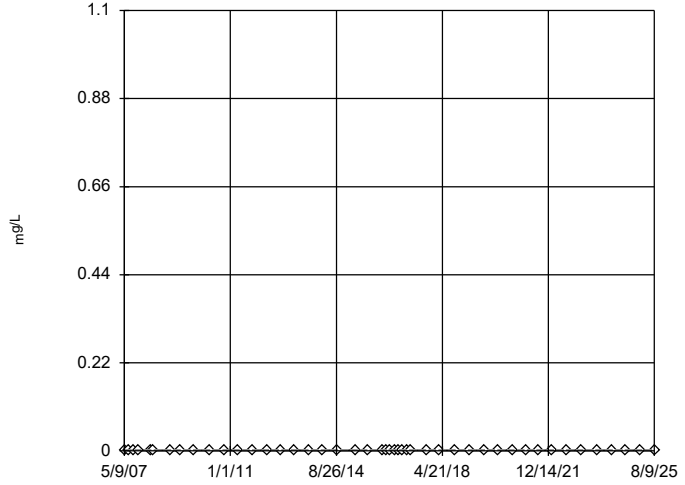
Tukey's Outlier Screening

GWC-8



n = 46

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Beryllium Analysis Run 3/3/2026 10:16 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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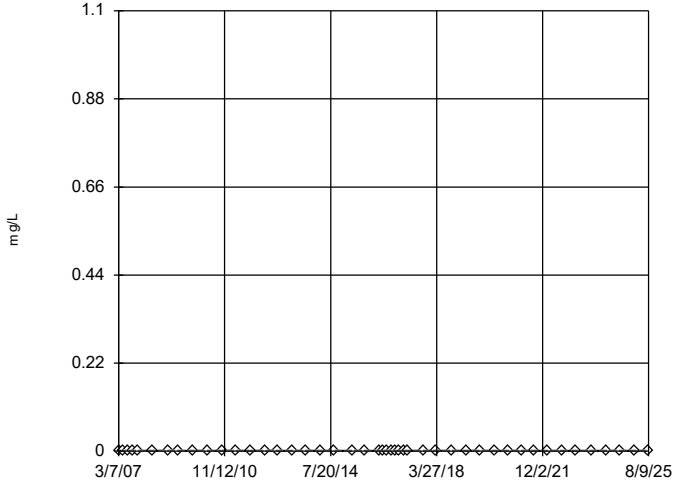
Tukey's Outlier Screening

GWC-9



n = 46

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Beryllium Analysis Run 3/3/2026 10:16 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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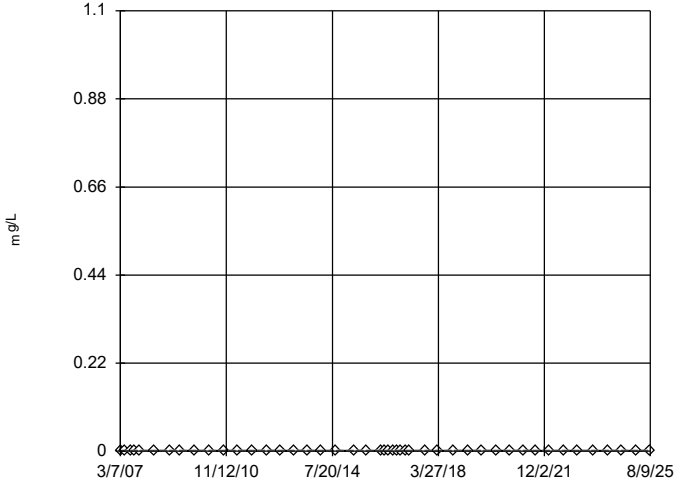
Tukey's Outlier Screening

GWC-10



n = 46

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Beryllium Analysis Run 3/3/2026 10:16 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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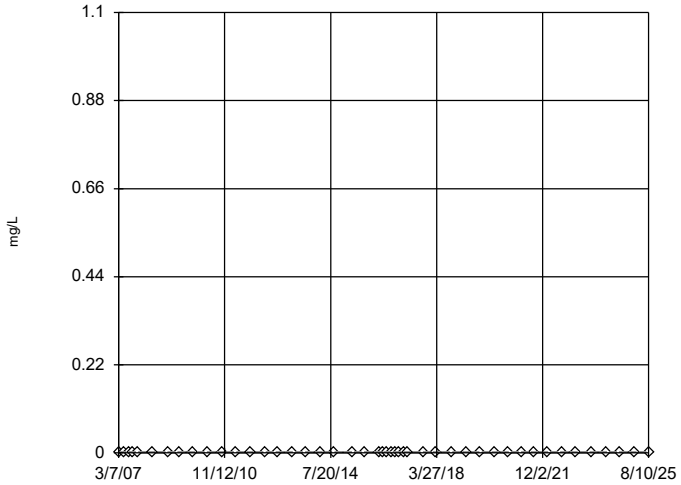
Tukey's Outlier Screening

GWC-18



n = 46

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Beryllium Analysis Run 3/3/2026 10:17 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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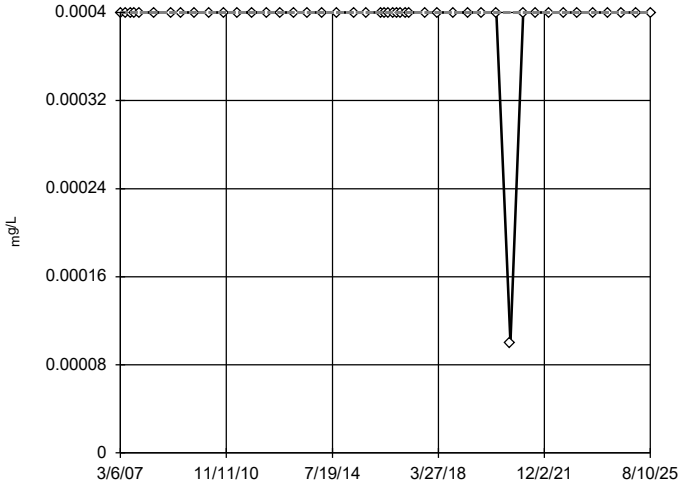
Tukey's Outlier Screening

GWC-19



n = 46

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 3/3/2026 10:17 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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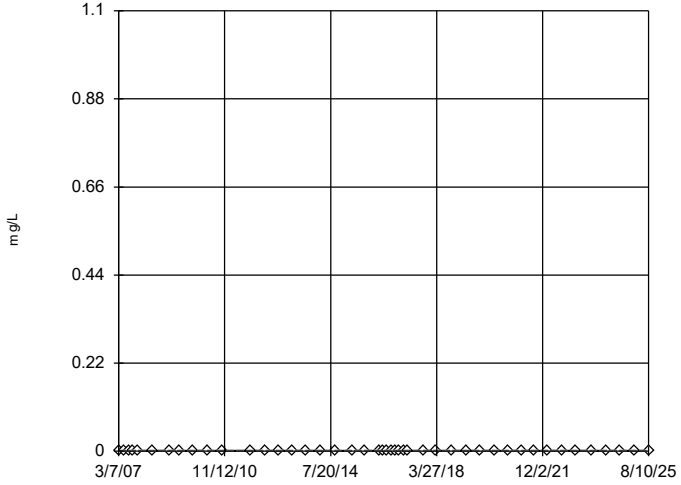
Tukey's Outlier Screening

GWC-20



n = 45

No outliers found.
Tukey's method select-
ed by user.

All values are the same.

Constituent: Beryllium Analysis Run 3/3/2026 10:17 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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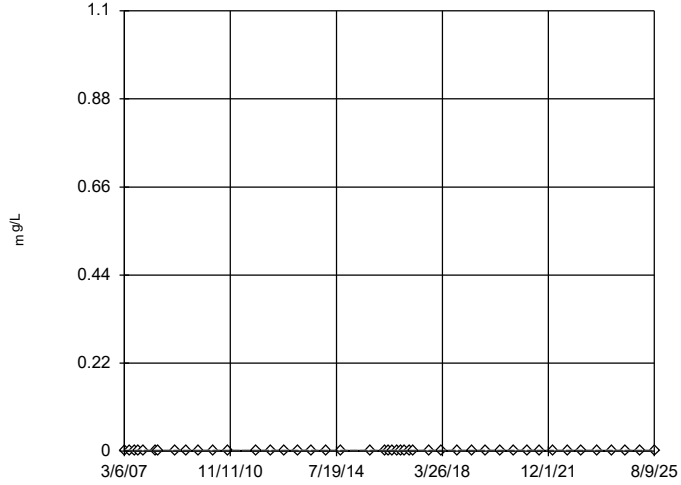
Tukey's Outlier Screening

GWC-21



n = 45

No outliers found.
Tukey's method select-
ed by user.

All values are the same.

Constituent: Beryllium Analysis Run 3/3/2026 10:17 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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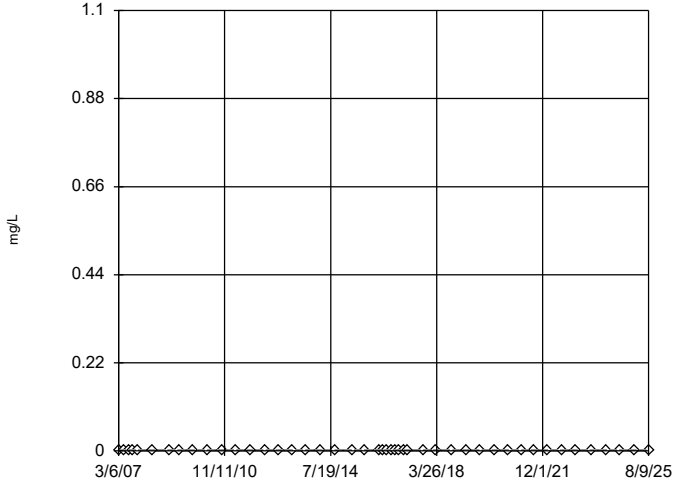
Tukey's Outlier Screening

GWC-22



n = 46

No outliers found.
Tukey's method select-
ed by user.

All values are the same.

Constituent: Beryllium Analysis Run 3/3/2026 10:17 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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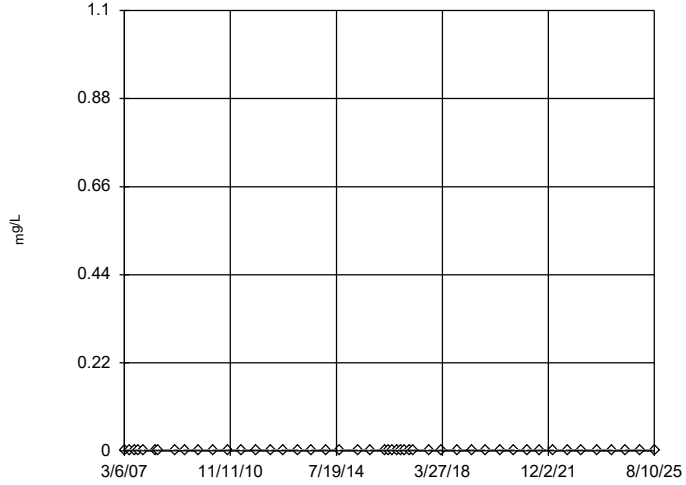
Tukey's Outlier Screening

GWC-23



n = 47

No outliers found.
Tukey's method select-
ed by user.

All values are the same.

Constituent: Beryllium Analysis Run 3/3/2026 10:17 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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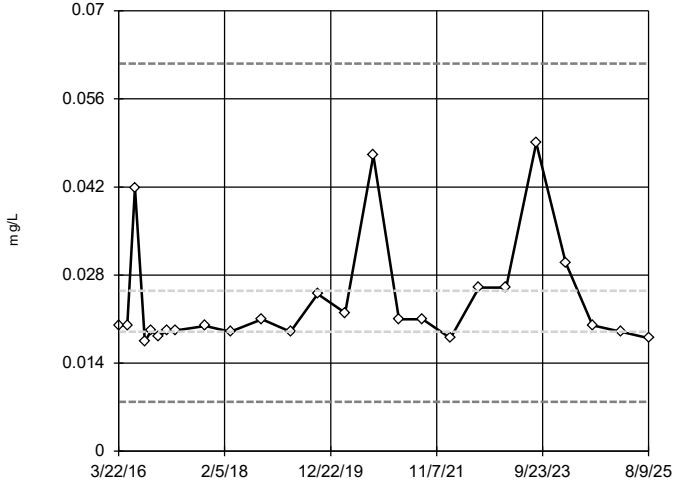
Tukey's Outlier Screening

GWA-1 (bg)



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.0616, low cutoff = 0.007864, based on IQR multiplier of 3.

Constituent: Boron Analysis Run 3/3/2026 10:17 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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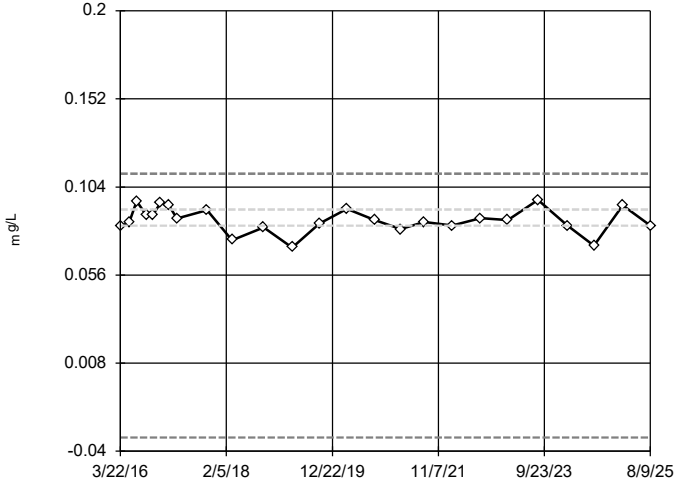
Tukey's Outlier Screening

GWA-2 (bg)



n = 25

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.1112, low cutoff = -0.03254, based on IQR multiplier of 3.

Constituent: Boron Analysis Run 3/3/2026 10:17 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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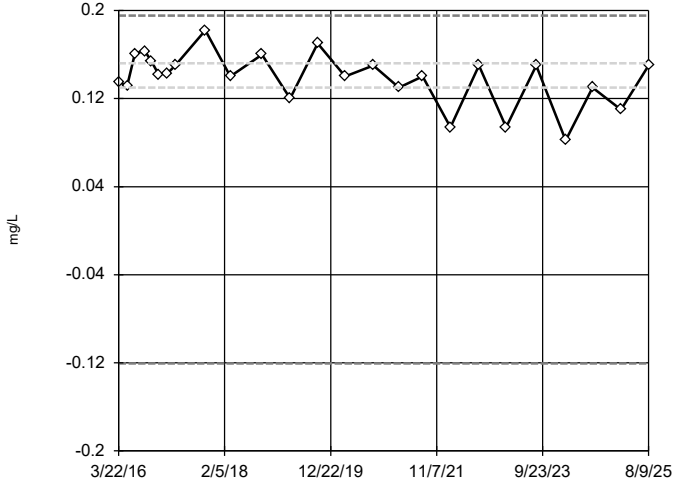
Tukey's Outlier Screening

GWA-3 (bg)



n = 25

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.1954, low cutoff = -0.1206, based on IQR multiplier of 3.

Constituent: Boron Analysis Run 3/3/2026 10:17 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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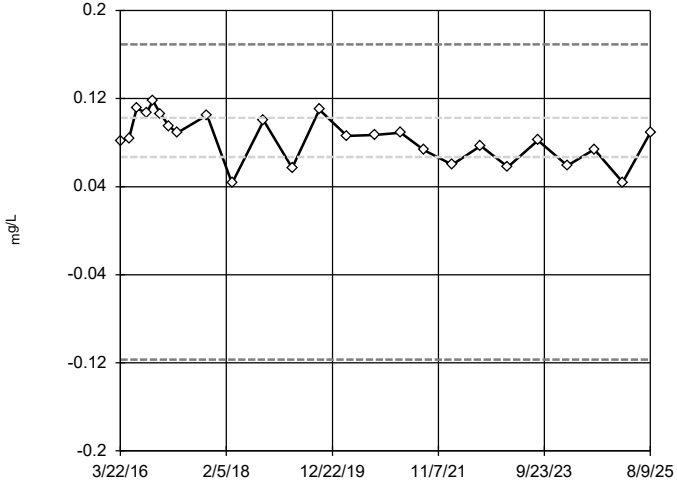
Tukey's Outlier Screening

GWA-4 (bg)



n = 25

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.1693, low cutoff = -0.117, based on IQR multiplier of 3.

Constituent: Boron Analysis Run 3/3/2026 10:17 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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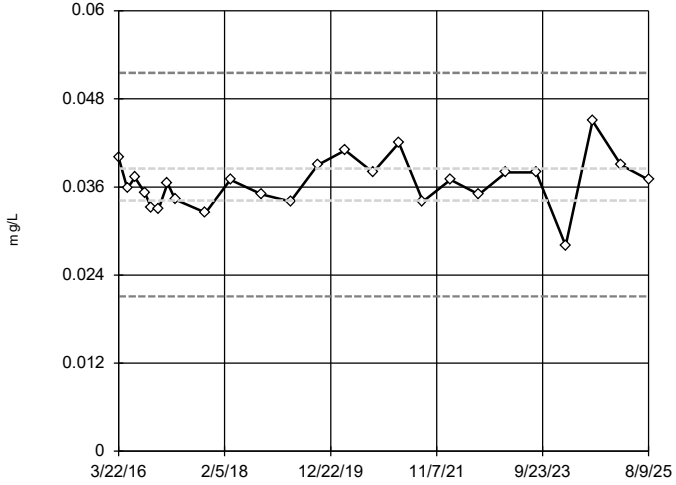
Tukey's Outlier Screening

GWA-11 (bg)



n = 25

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 0.05155, low cutoff = 0.0211, based on IQR multiplier of 3.

Constituent: Boron Analysis Run 3/3/2026 10:17 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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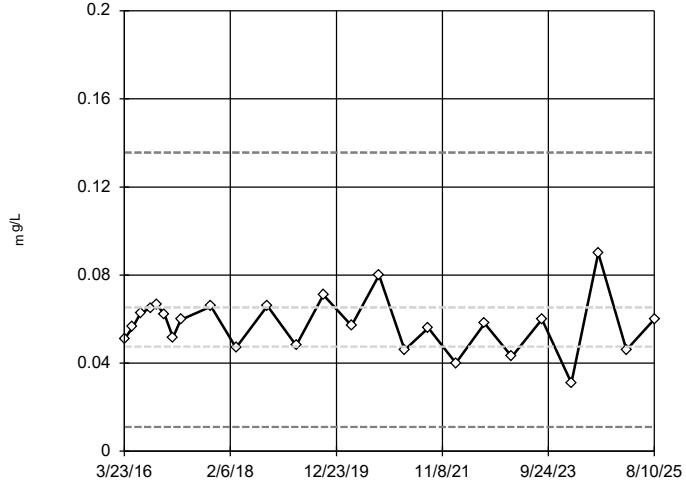
Tukey's Outlier Screening

GWC-5



n = 25

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.1357, low cutoff = 0.01106, based on IQR multiplier of 3.

Constituent: Boron Analysis Run 3/3/2026 10:17 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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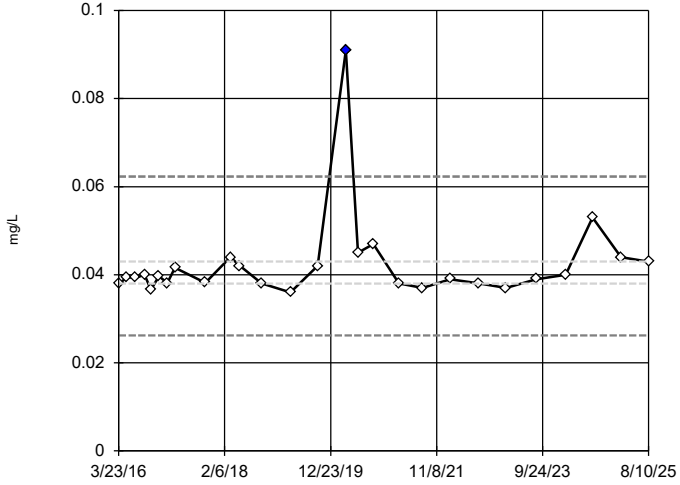
Tukey's Outlier Screening

GWC-6



n = 27

Outlier is drawn as solid. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.06231, low cutoff = 0.02623, based on IQR multiplier of 3.

Constituent: Boron Analysis Run 3/3/2026 10:17 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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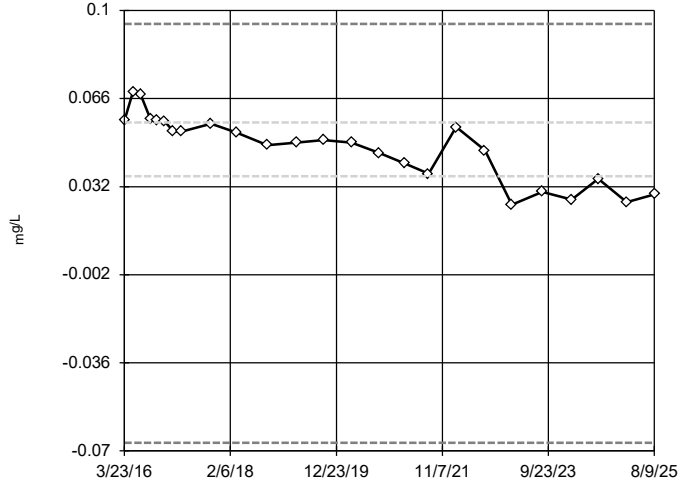
Tukey's Outlier Screening

GWC-7



n = 25

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.09483, low cutoff = -0.06689, based on IQR multiplier of 3.

Constituent: Boron Analysis Run 3/3/2026 10:17 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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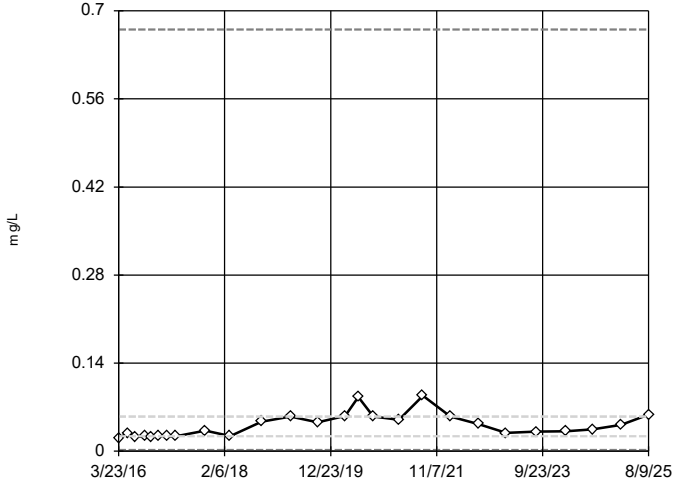
Tukey's Outlier Screening

GWC-8



n = 26

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.6703, low cutoff = 0.001961, based on IQR multiplier of 3.

Constituent: Boron Analysis Run 3/3/2026 10:17 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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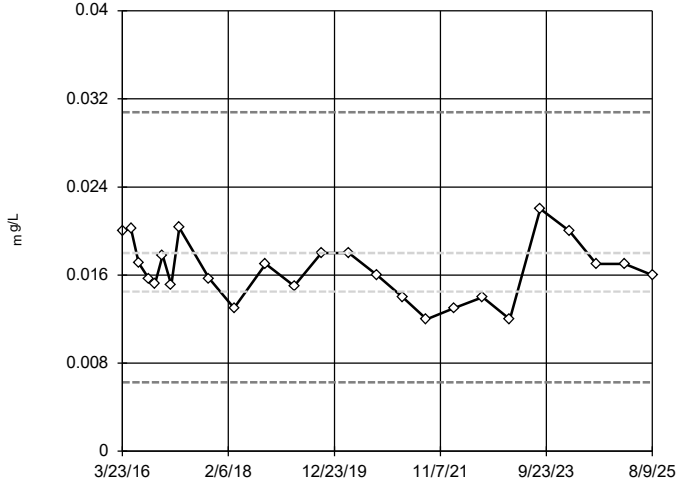
Tukey's Outlier Screening

GWC-9



n = 25

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.03079, low cutoff = 0.006257, based on IQR multiplier of 3.

Constituent: Boron Analysis Run 3/3/2026 10:17 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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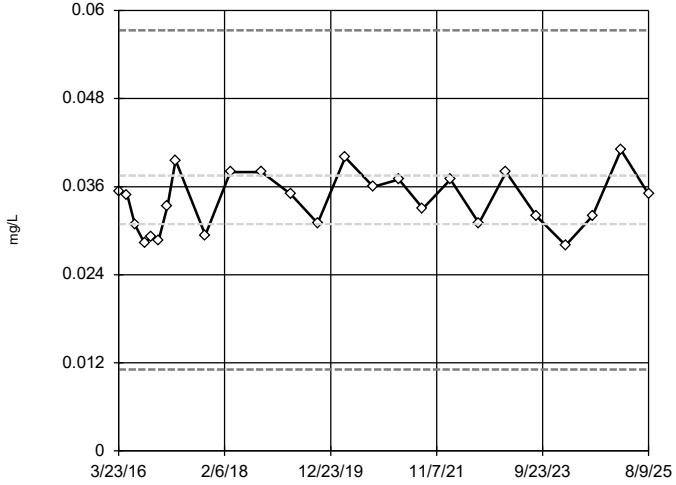
Tukey's Outlier Screening

GWC-10



n = 25

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 0.0573, low cutoff = 0.0111, based on IQR multiplier of 3.

Constituent: Boron Analysis Run 3/3/2026 10:17 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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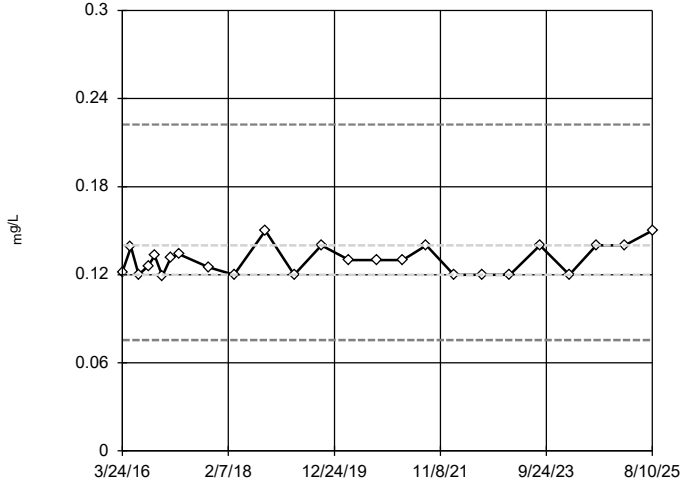
Tukey's Outlier Screening

GWC-18



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.2223, low cutoff = 0.07557, based on IQR multiplier of 3.

Constituent: Boron Analysis Run 3/3/2026 10:17 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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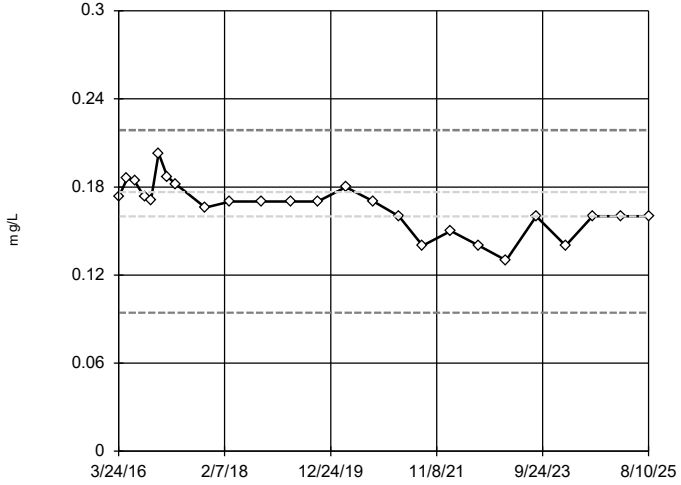
Tukey's Outlier Screening

GWC-19



n = 25

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.2188, low cutoff = 0.09437, based on IQR multiplier of 3.

Constituent: Boron Analysis Run 3/3/2026 10:17 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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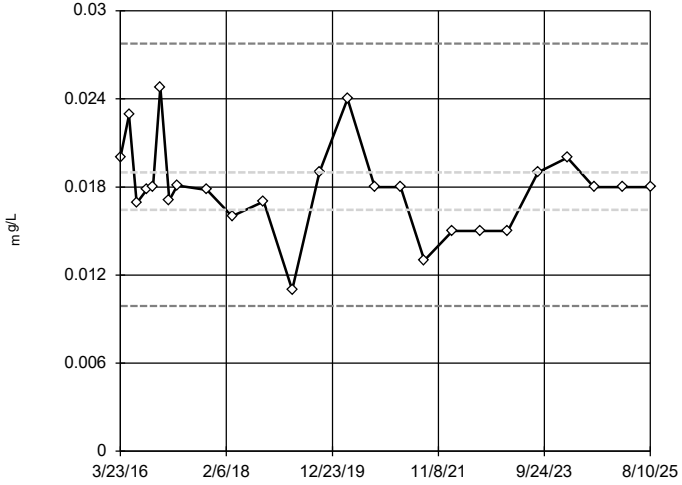
Tukey's Outlier Screening

GWC-20



n = 25

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.02776, low cutoff = 0.009892, based on IQR multiplier of 3.

Constituent: Boron Analysis Run 3/3/2026 10:17 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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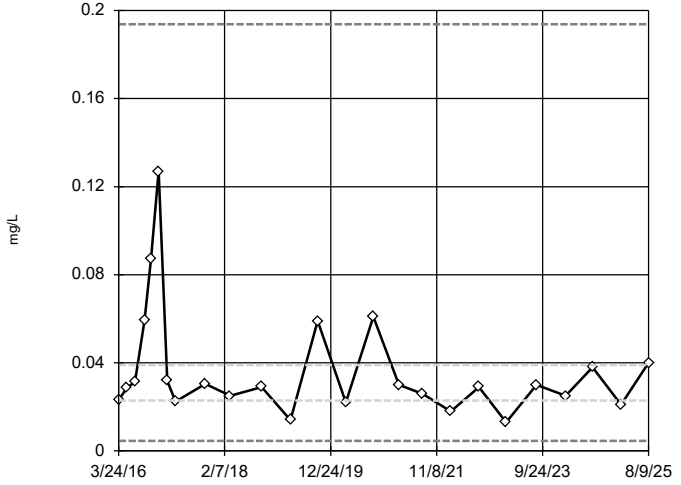
Tukey's Outlier Screening

GWC-21



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.1937, low cutoff = 0.004598, based on IQR multiplier of 3.

Constituent: Boron Analysis Run 3/3/2026 10:17 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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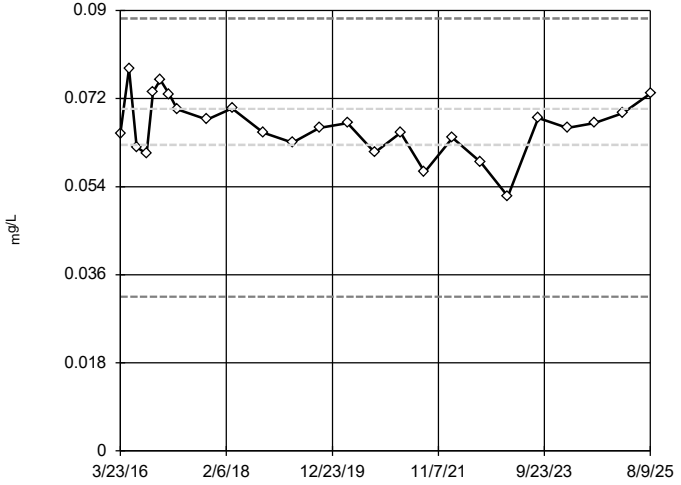
Tukey's Outlier Screening

GWC-22



n = 25

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.08835, low cutoff = 0.03151, based on IQR multiplier of 3.

Constituent: Boron Analysis Run 3/3/2026 10:17 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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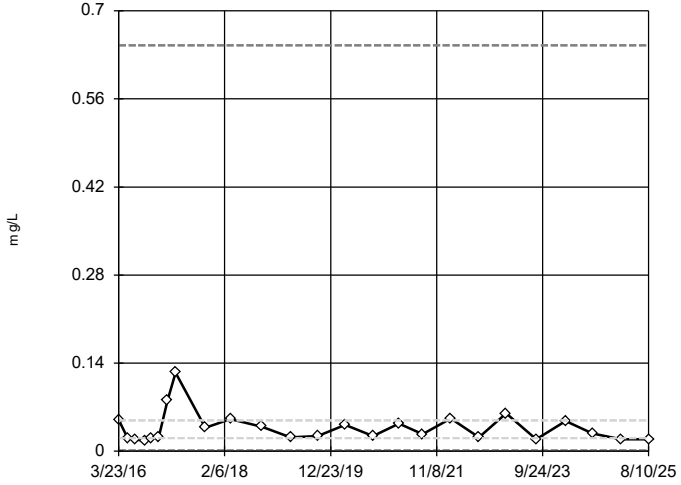
Tukey's Outlier Screening

GWC-23



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.6452, low cutoff = 0.001575, based on IQR multiplier of 3.

Constituent: Boron Analysis Run 3/3/2026 10:17 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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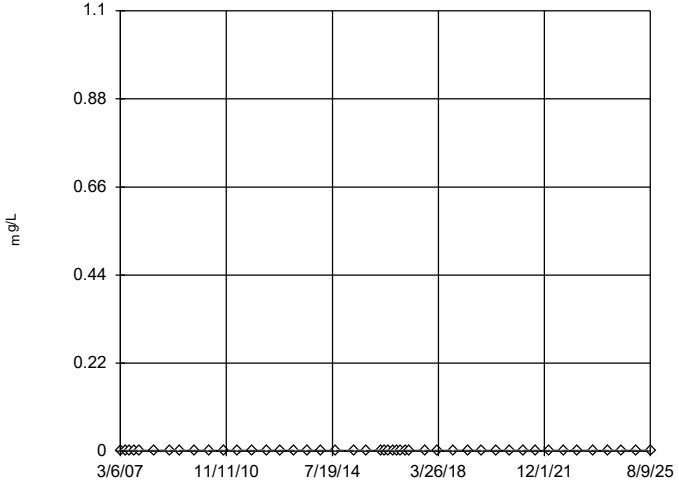
Tukey's Outlier Screening

GWA-1 (bg)



n = 46

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Cadmium Analysis Run 3/3/2026 10:17 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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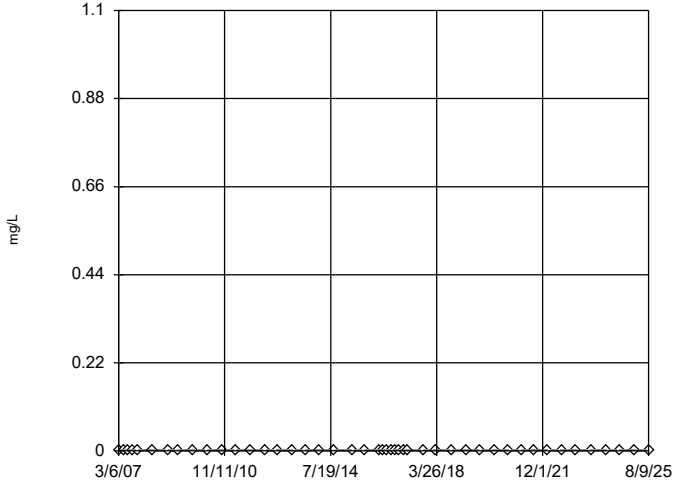
Tukey's Outlier Screening

GWA-2 (bg)



n = 46

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Cadmium Analysis Run 3/3/2026 10:17 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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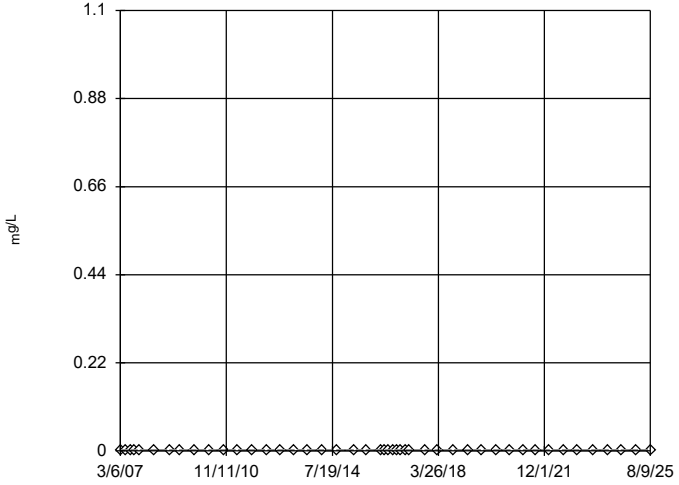
Tukey's Outlier Screening

GWA-3 (bg)



n = 46

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Cadmium Analysis Run 3/3/2026 10:17 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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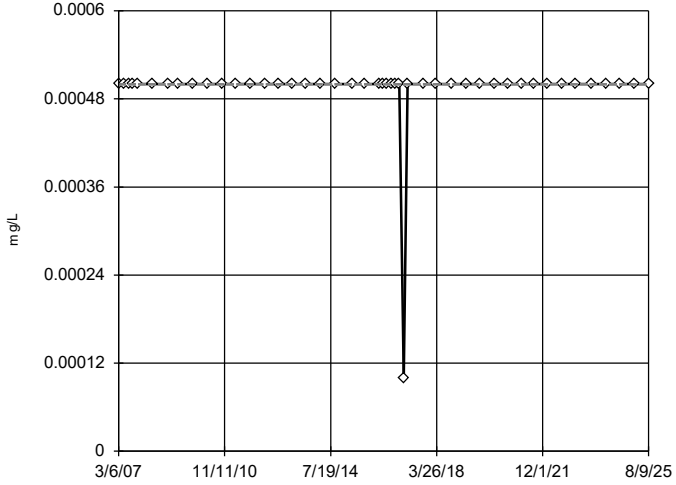
Tukey's Outlier Screening

GWA-4 (bg)



n = 46

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cadmium Analysis Run 3/3/2026 10:17 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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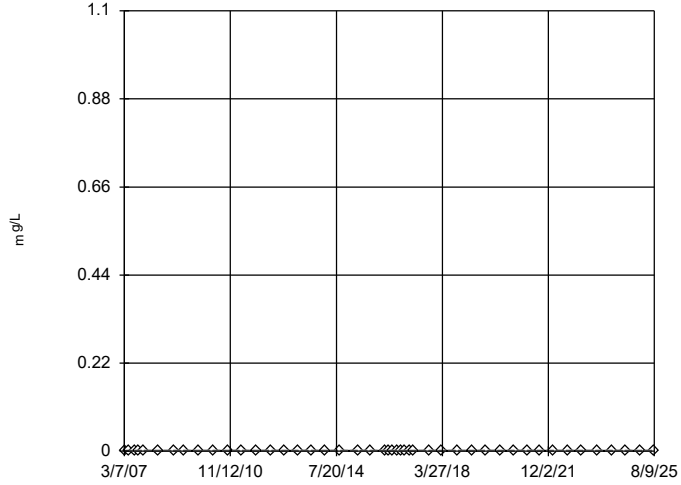
Tukey's Outlier Screening

GWA-11 (bg)



n = 46

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Cadmium Analysis Run 3/3/2026 10:17 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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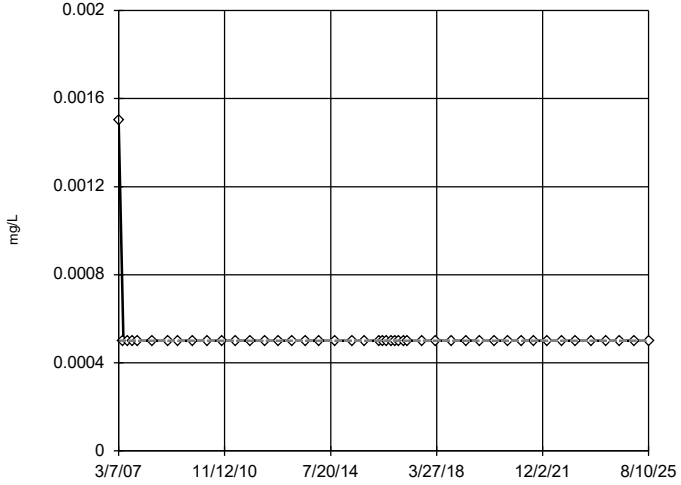
Tukey's Outlier Screening

GWC-5



n = 46

No outliers found. Tukey's method selected by user.

Data were x^4 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cadmium Analysis Run 3/3/2026 10:17 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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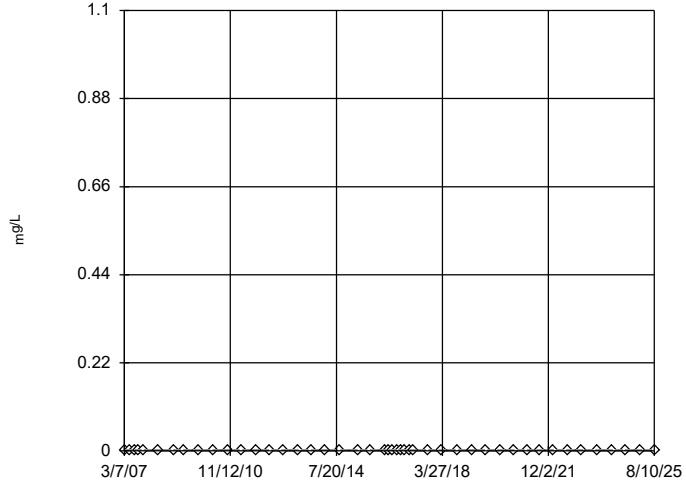
Tukey's Outlier Screening

GWC-6



n = 46

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Cadmium Analysis Run 3/3/2026 10:17 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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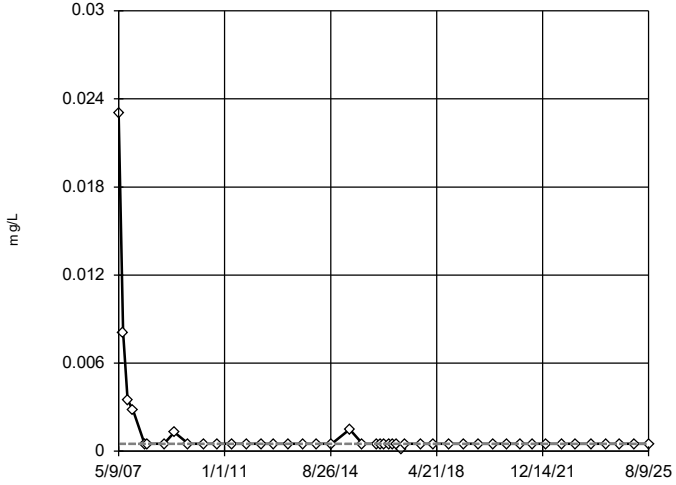
Tukey's Outlier Screening

GWC-7



n = 46

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cadmium Analysis Run 3/3/2026 10:17 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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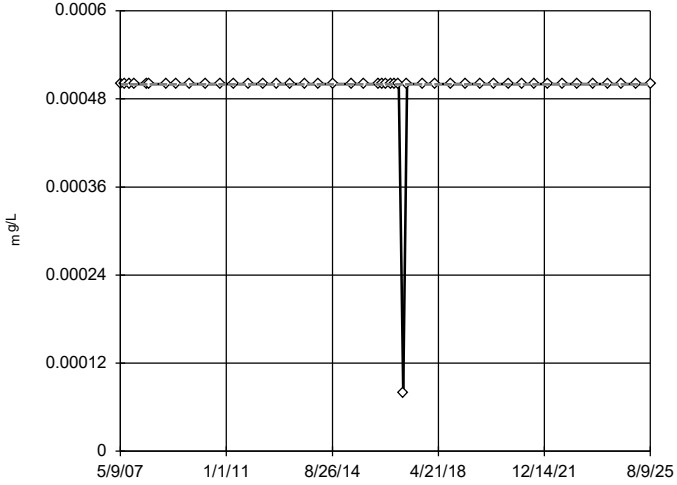
Tukey's Outlier Screening

GWC-8



n = 46

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cadmium Analysis Run 3/3/2026 10:17 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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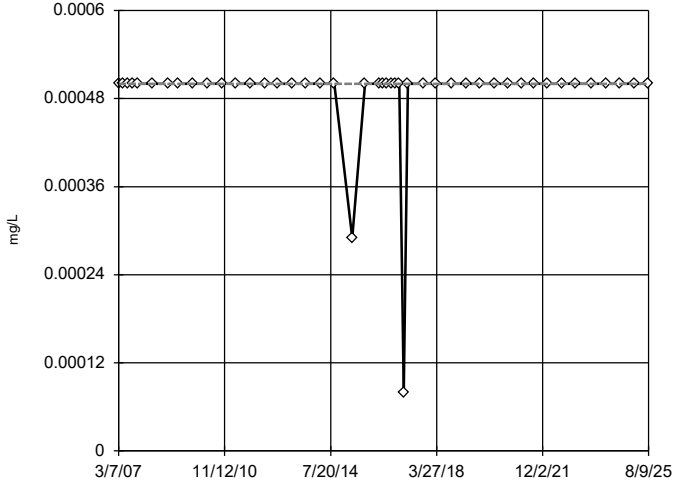
Tukey's Outlier Screening

GWC-9



n = 46

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cadmium Analysis Run 3/3/2026 10:17 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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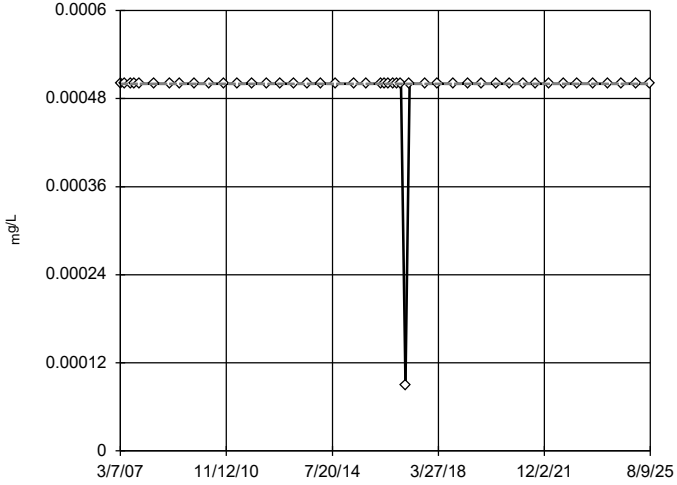
Tukey's Outlier Screening

GWC-10



n = 46

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cadmium Analysis Run 3/3/2026 10:17 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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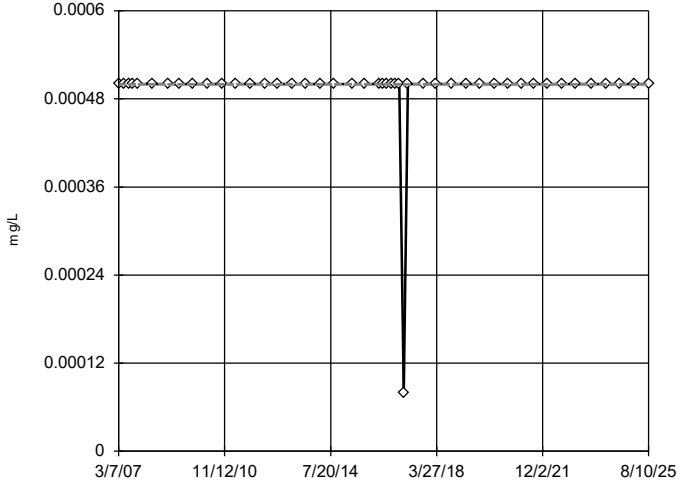
Tukey's Outlier Screening

GWC-18



n = 46

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cadmium Analysis Run 3/3/2026 10:17 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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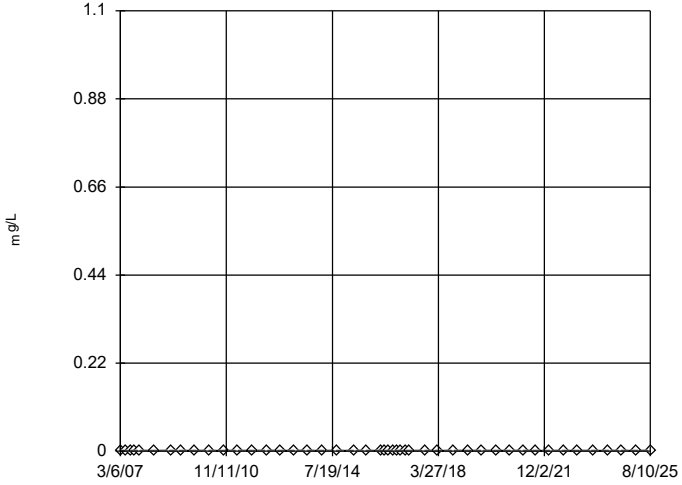
Tukey's Outlier Screening

GWC-19



n = 46

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Cadmium Analysis Run 3/3/2026 10:17 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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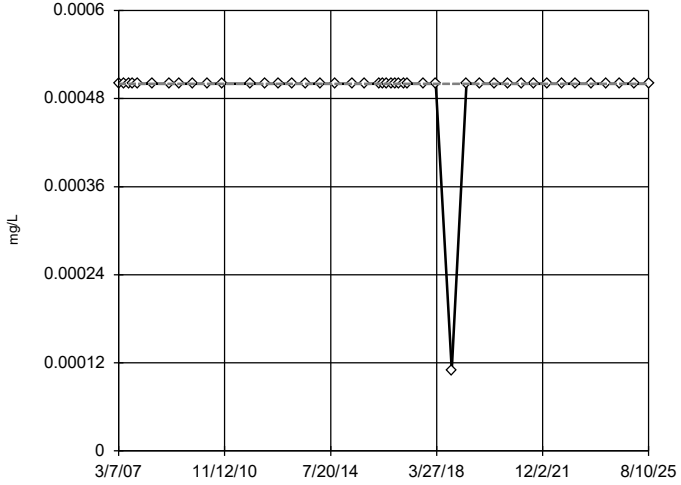
Tukey's Outlier Screening

GWC-20



n = 45

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cadmium Analysis Run 3/3/2026 10:17 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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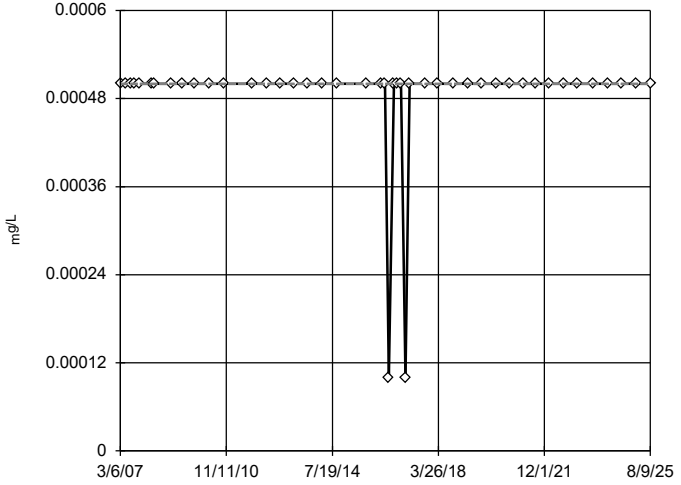
Tukey's Outlier Screening

GWC-21



n = 45

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cadmium Analysis Run 3/3/2026 10:17 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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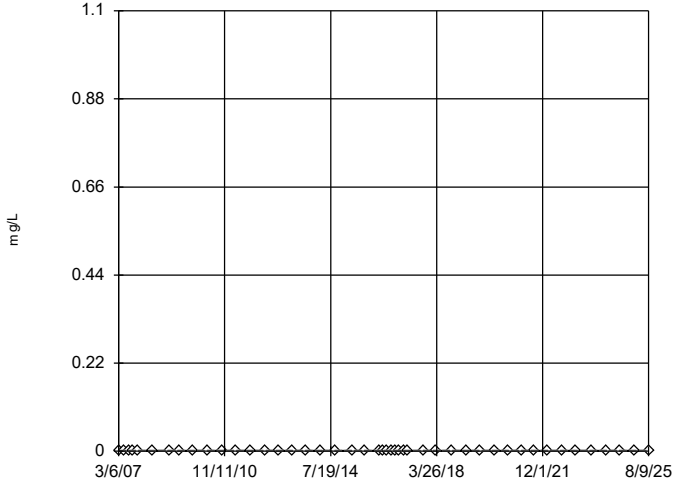
Tukey's Outlier Screening

GWC-22



n = 46

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Cadmium Analysis Run 3/3/2026 10:17 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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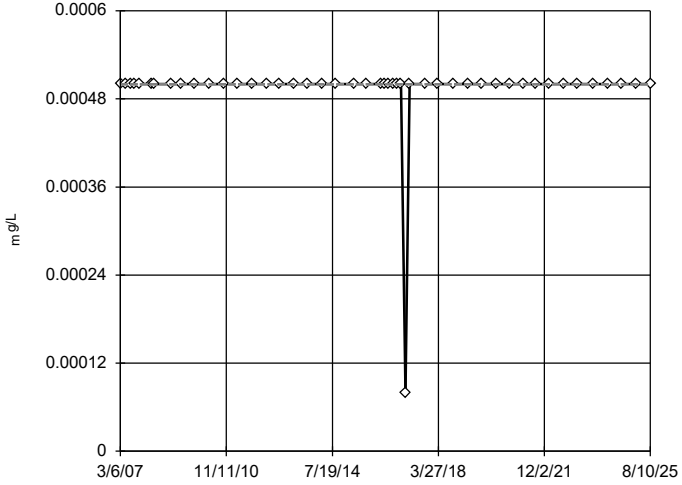
Tukey's Outlier Screening

GWC-23



n = 47

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cadmium Analysis Run 3/3/2026 10:17 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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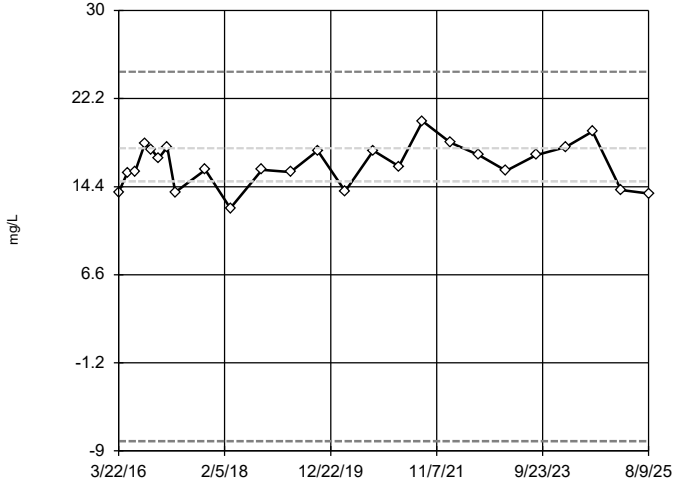
Tukey's Outlier Screening

GWA-1 (bg)



n = 25

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 24.58, low cutoff = -8.137, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 3/3/2026 10:17 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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Tukey's Outlier Screening

GWA-2 (bg)

n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 106.5, low cutoff = 20.12, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 3/3/2026 10:17 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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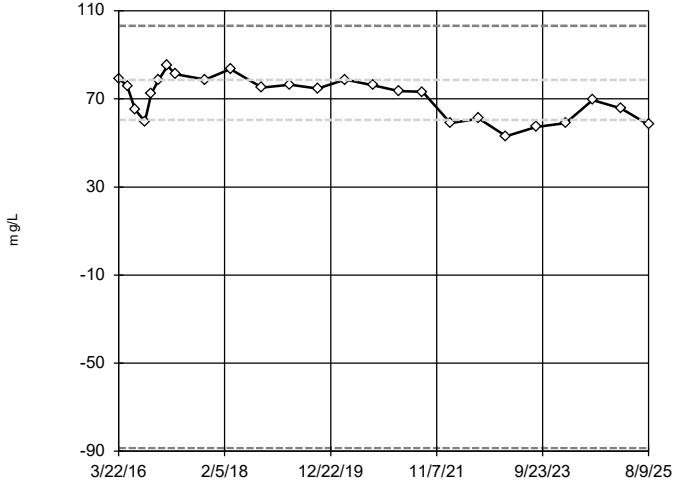
Tukey's Outlier Screening

GWA-3 (bg)



n = 25

No outliers found. Tukey's method selected by user.

Data were x^4 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 103.1, low cutoff = -88.57, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 3/3/2026 10:17 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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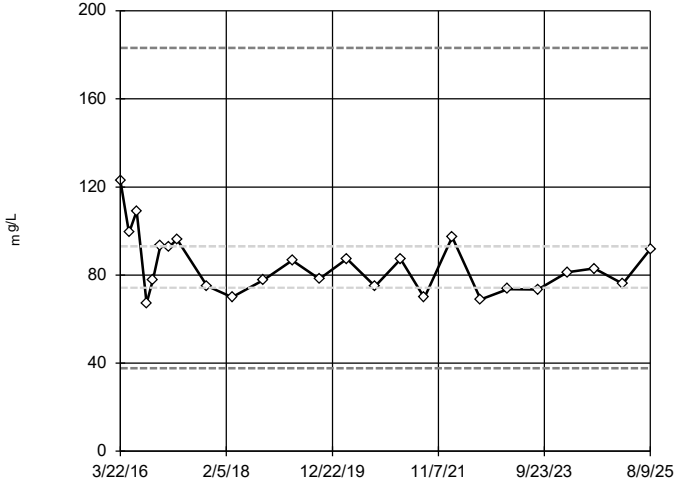
Tukey's Outlier Screening

GWA-4 (bg)



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 183.2, low cutoff = 37.72, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 3/3/2026 10:17 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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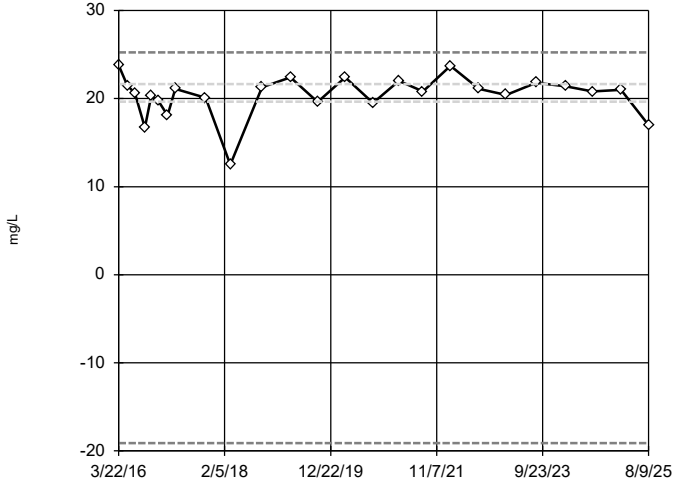
Tukey's Outlier Screening

GWA-11 (bg)



n = 25

No outliers found. Tukey's method selected by user.

Data were x^5 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 25.24, low cutoff = -19.12, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 3/3/2026 10:17 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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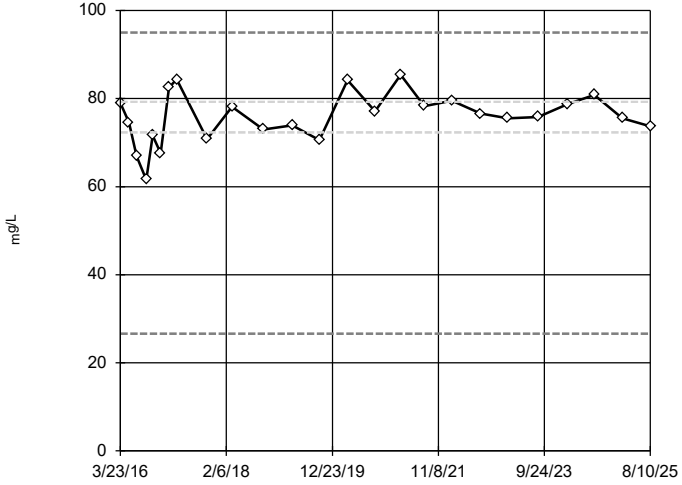
Tukey's Outlier Screening

GWC-5



n = 25

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

High cutoff = 94.98, low cutoff = 26.64, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 3/3/2026 10:17 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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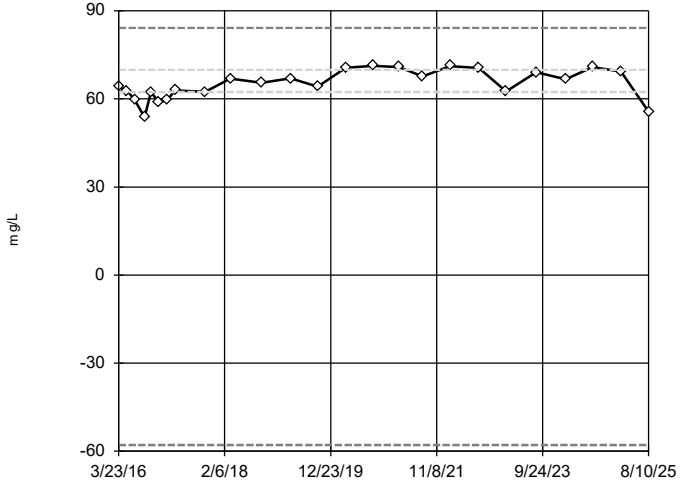
Tukey's Outlier Screening

GWC-6



n = 25

No outliers found. Tukey's method selected by user.

Data were x^4 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 84.17, low cutoff = -57.85, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 3/3/2026 10:17 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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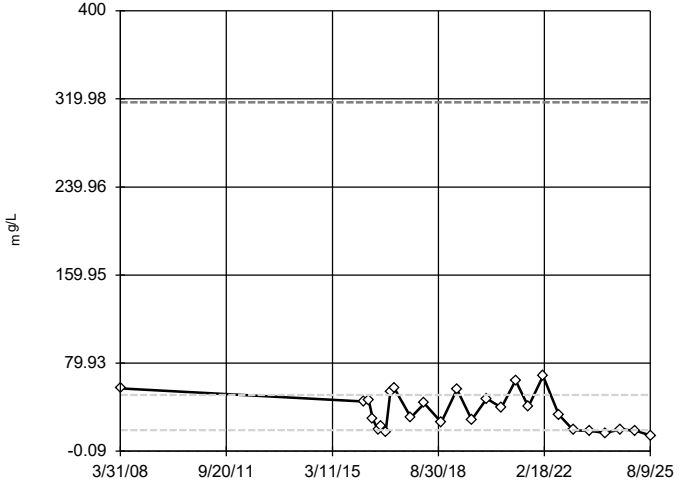
Tukey's Outlier Screening

GWC-7



n = 26

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 316.8, low cutoff = -0.08238, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 3/3/2026 10:17 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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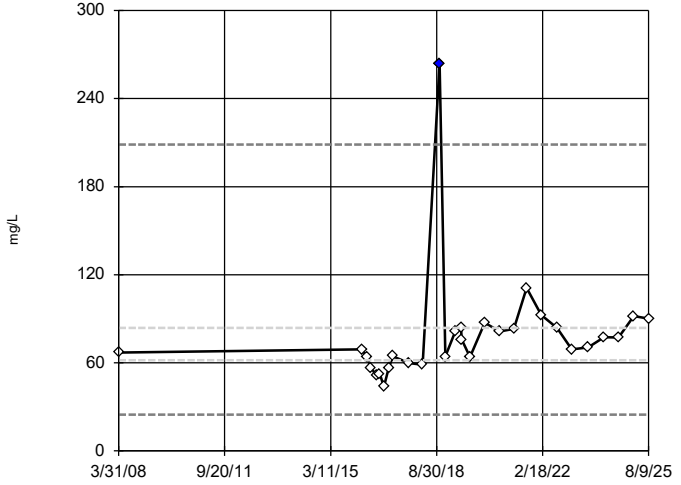
Tukey's Outlier Screening

GWC-8



n = 29

Outlier is drawn as solid. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 208.7, low cutoff = 24.78, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 3/3/2026 10:17 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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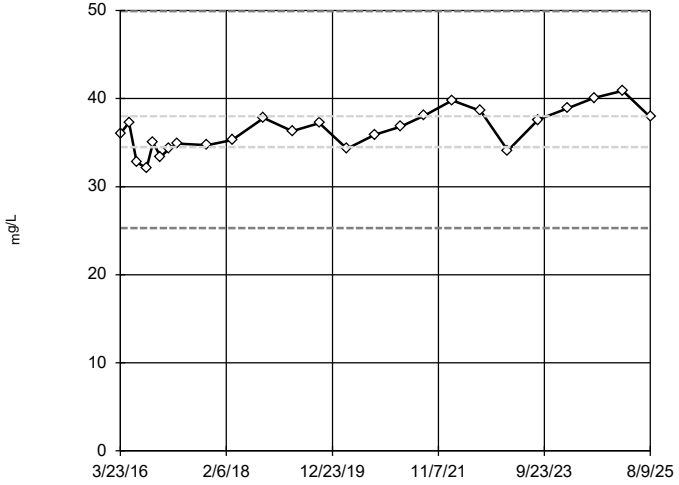
Tukey's Outlier Screening

GWC-9



n = 25

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 49.9, low cutoff = 25.3, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 3/3/2026 10:17 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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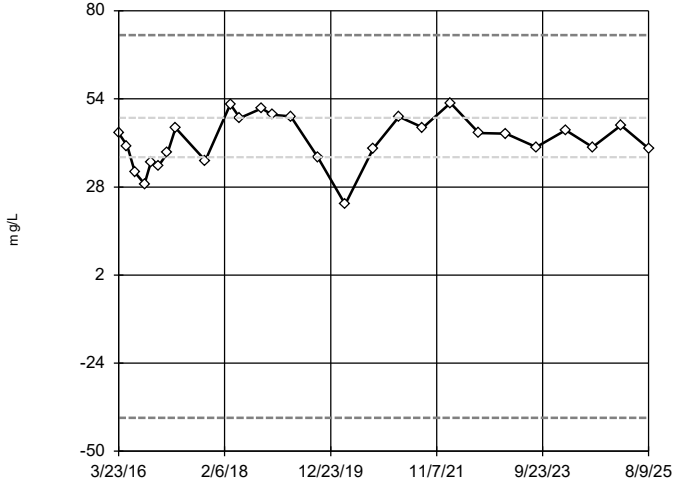
Tukey's Outlier Screening

GWC-10



n = 27

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 72.85, low cutoff = -40.13, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 3/3/2026 10:18 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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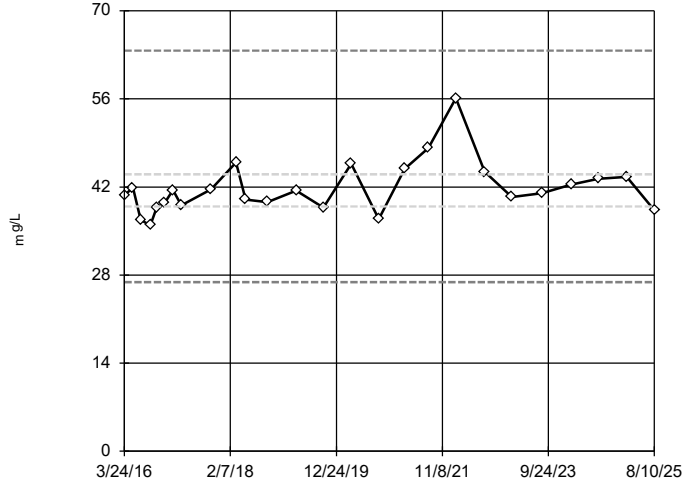
Tukey's Outlier Screening

GWC-18



n = 26

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 63.67, low cutoff = 26.88, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 3/3/2026 10:18 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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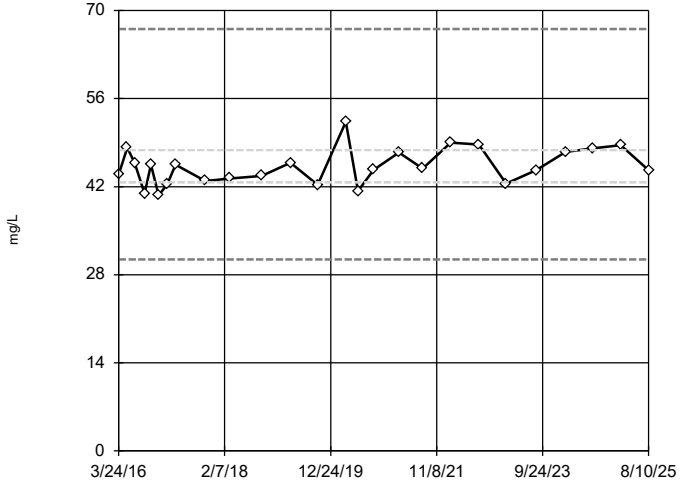
Tukey's Outlier Screening

GWC-19



n = 26

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 67.05, low cutoff = 30.44, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 3/3/2026 10:18 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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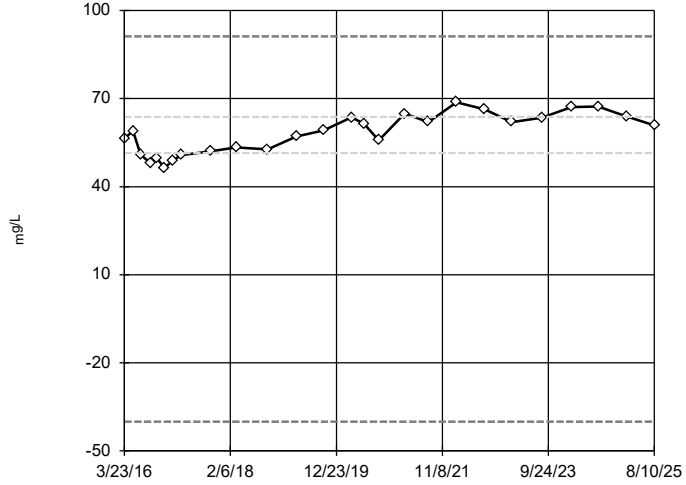
Tukey's Outlier Screening

GWC-20



n = 26

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 91.18, low cutoff = -40.03, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 3/3/2026 10:18 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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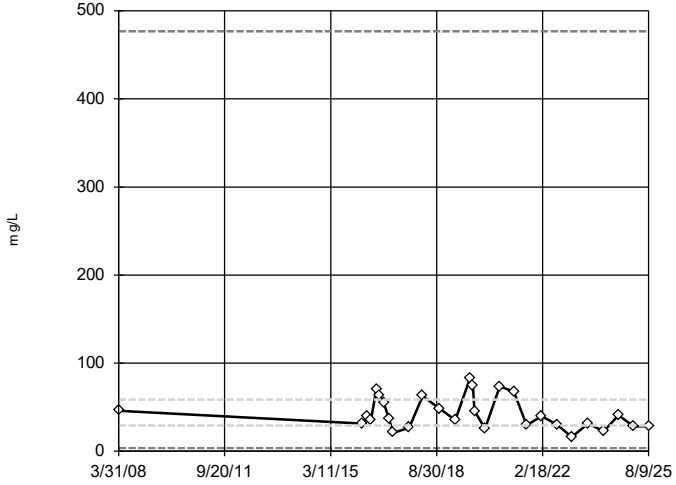
Tukey's Outlier Screening

GWC-21



n = 28

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 476.7, low cutoff = 3.584, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 3/3/2026 10:18 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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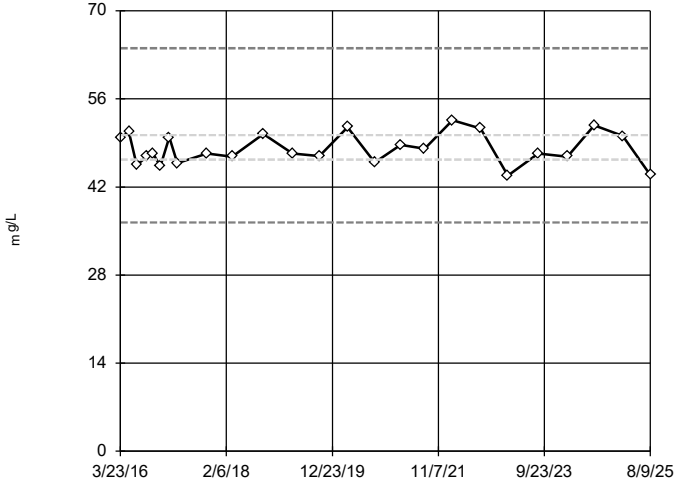
Tukey's Outlier Screening

GWC-22



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 64.04, low cutoff = 36.37, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 3/3/2026 10:18 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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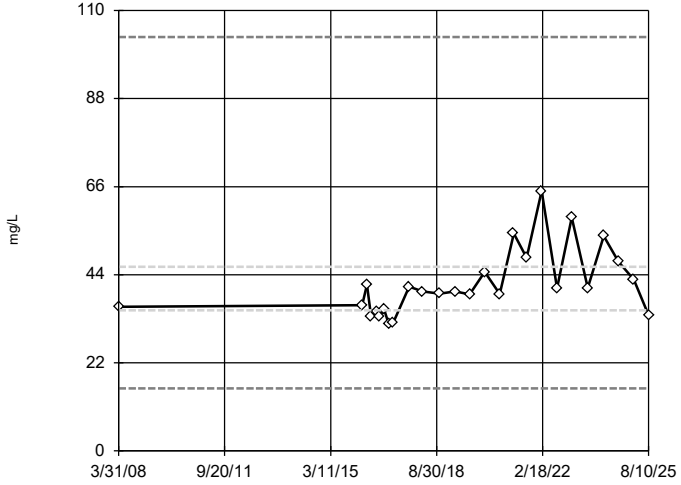
Tukey's Outlier Screening

GWC-23



n = 26

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 103.4, low cutoff = 15.61, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 3/3/2026 10:18 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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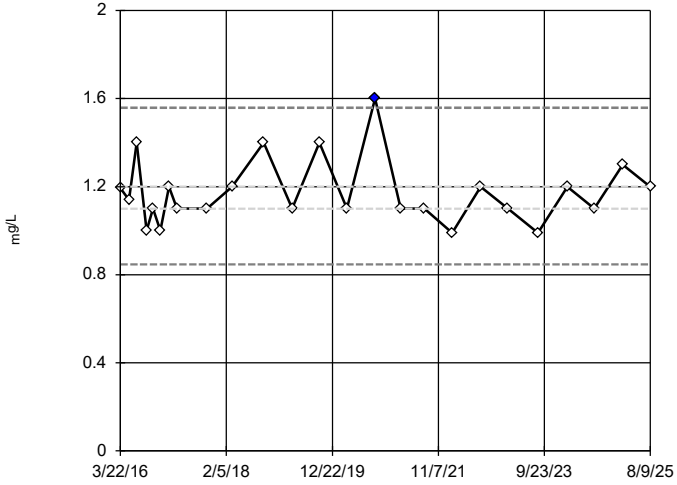
Tukey's Outlier Screening

GWA-1 (bg)



n = 25

Outlier is drawn as solid. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 1.558, low cutoff = 0.8473, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 3/3/2026 10:18 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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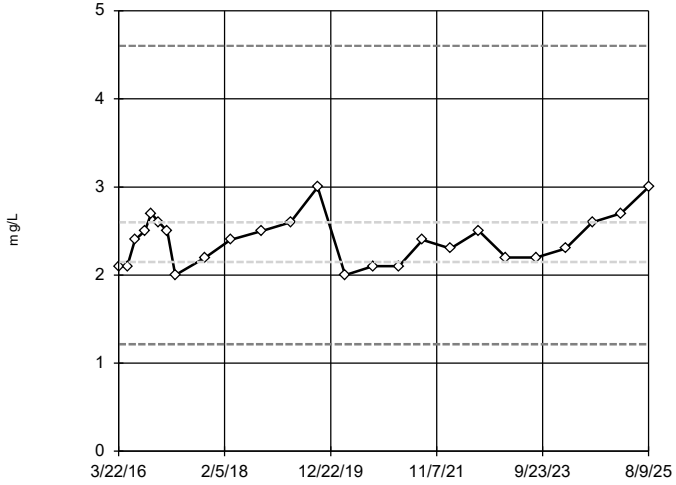
Tukey's Outlier Screening

GWA-2 (bg)



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 4.602, low cutoff = 1.214, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 3/3/2026 10:18 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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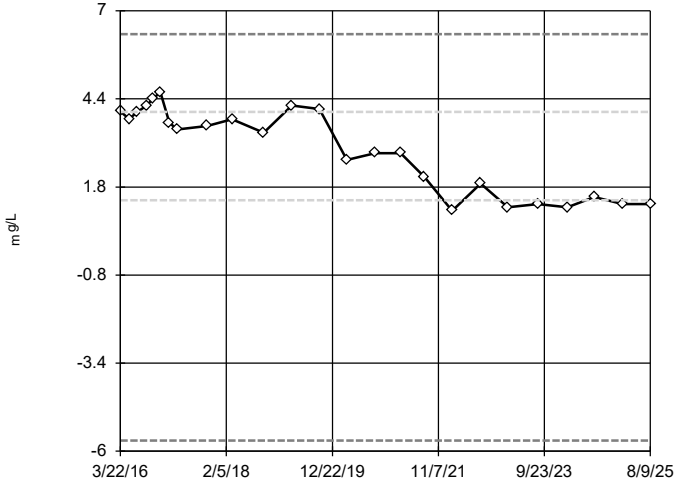
Tukey's Outlier Screening

GWA-3 (bg)



n = 25

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

High cutoff = 6.308, low cutoff = -5.682, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 3/3/2026 10:18 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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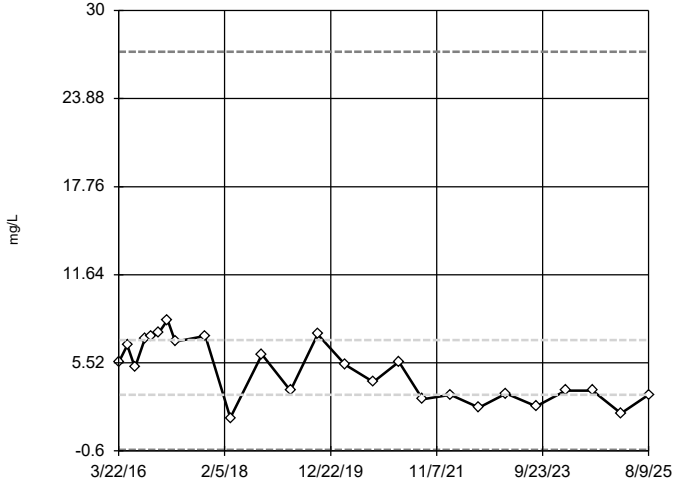
Tukey's Outlier Screening

GWA-4 (bg)



n = 25

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 27.13, low cutoff = -0.5288, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 3/3/2026 10:18 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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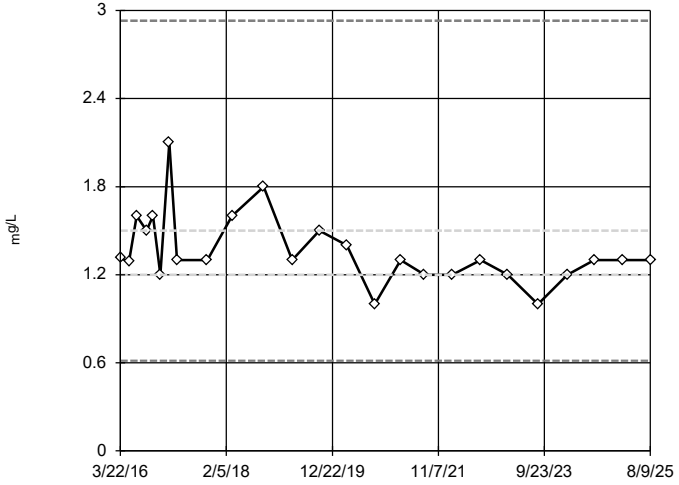
Tukey's Outlier Screening

GWA-11 (bg)



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 2.93, low cutoff = 0.6144, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 3/3/2026 10:18 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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Tukey's Outlier Screening

GWC-5

n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 9.242, low cutoff = 0.7498, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 3/3/2026 10:18 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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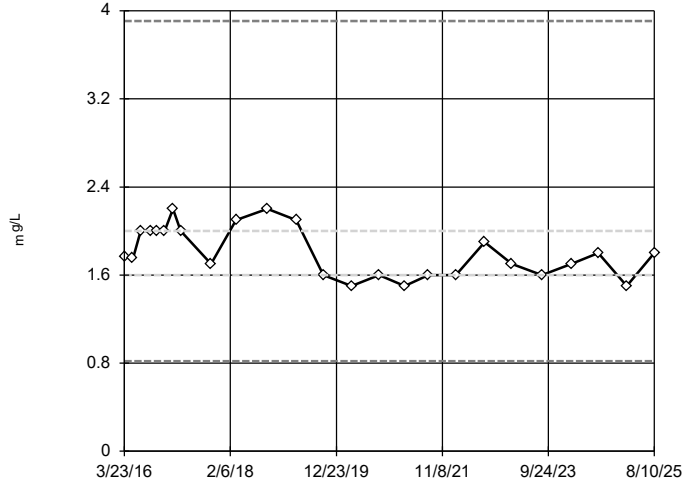
Tukey's Outlier Screening

GWC-6



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 3.906, low cutoff = 0.8192, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 3/3/2026 10:18 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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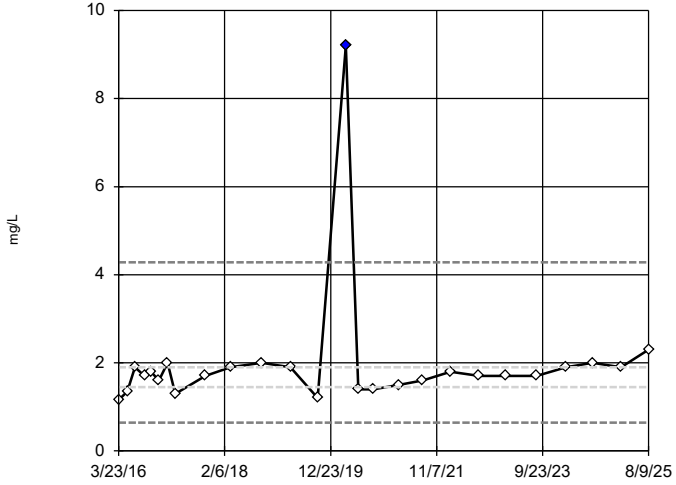
Tukey's Outlier Screening

GWC-7



n = 26

Outlier is drawn as solid. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 4.282, low cutoff = 0.643, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 3/3/2026 10:18 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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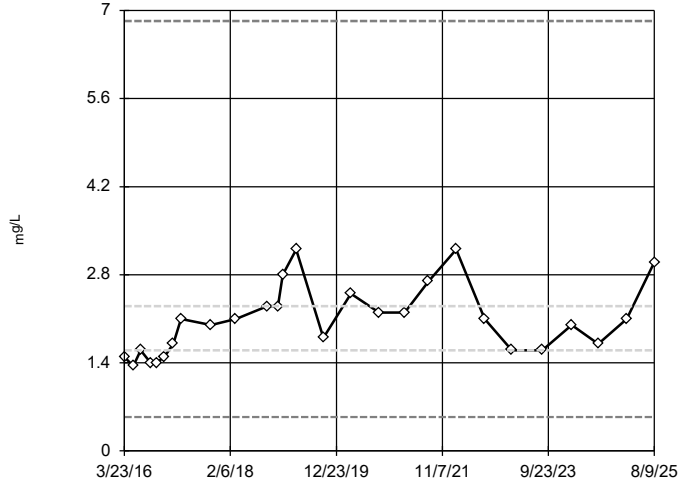
Tukey's Outlier Screening

GWC-8



n = 27

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 6.832, low cutoff = 0.5386, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 3/3/2026 10:18 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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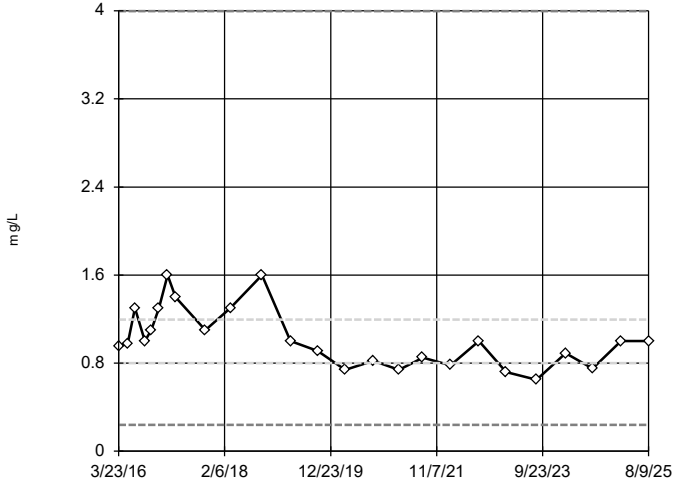
Tukey's Outlier Screening

GWC-9



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 3.998, low cutoff = 0.2392, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 3/3/2026 10:18 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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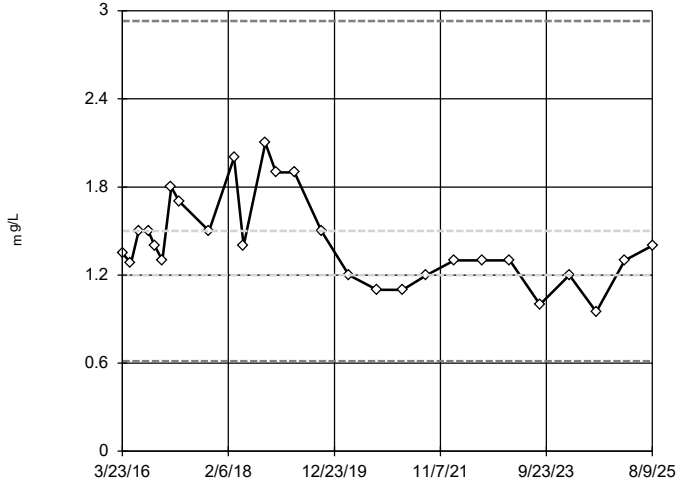
Tukey's Outlier Screening

GWC-10



n = 27

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 2.93, low cutoff = 0.6144, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 3/3/2026 10:18 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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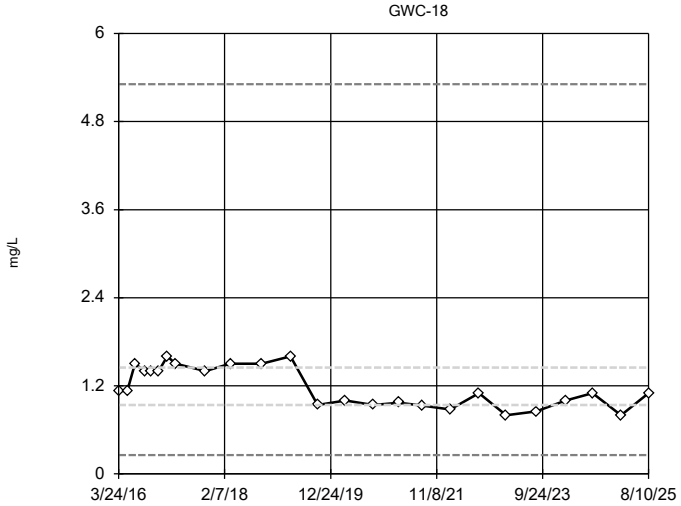
Tukey's Outlier Screening

GWC-18



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 5.31, low cutoff = 0.2566, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 3/3/2026 10:18 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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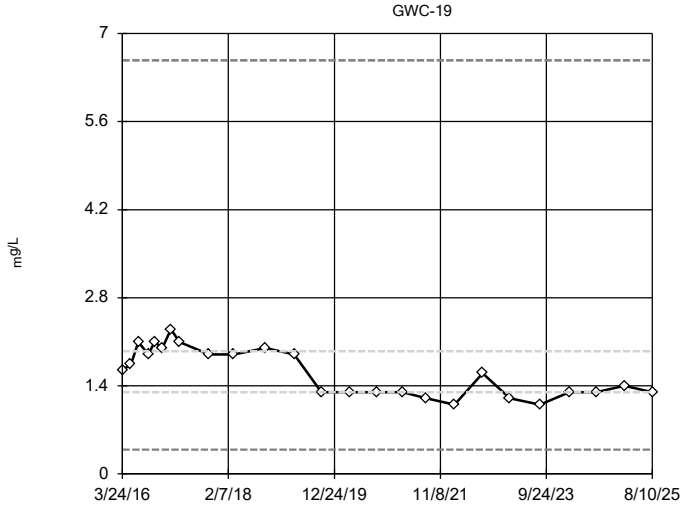
Tukey's Outlier Screening

GWC-19



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 6.573, low cutoff = 0.3856, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 3/3/2026 10:18 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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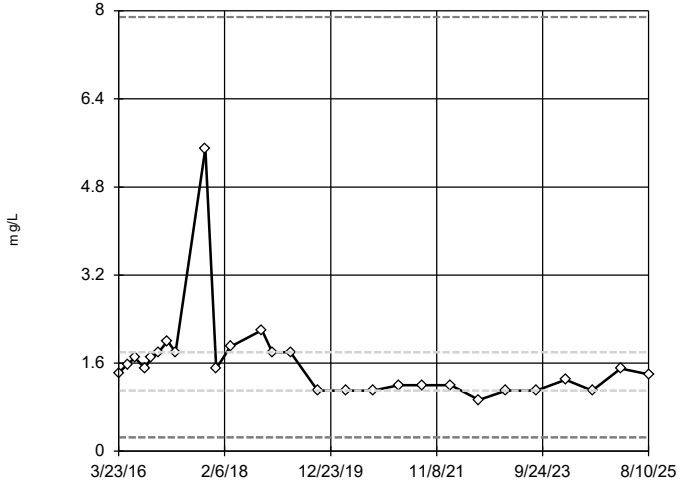
Tukey's Outlier Screening

GWC-20



n = 27

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 7.887, low cutoff = 0.251, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 3/3/2026 10:18 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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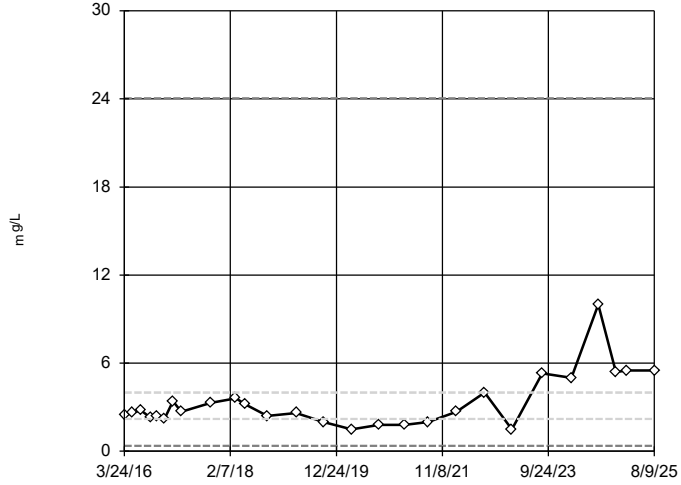
Tukey's Outlier Screening

GWC-21



n = 27

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 24.04, low cutoff = 0.366, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 3/3/2026 10:18 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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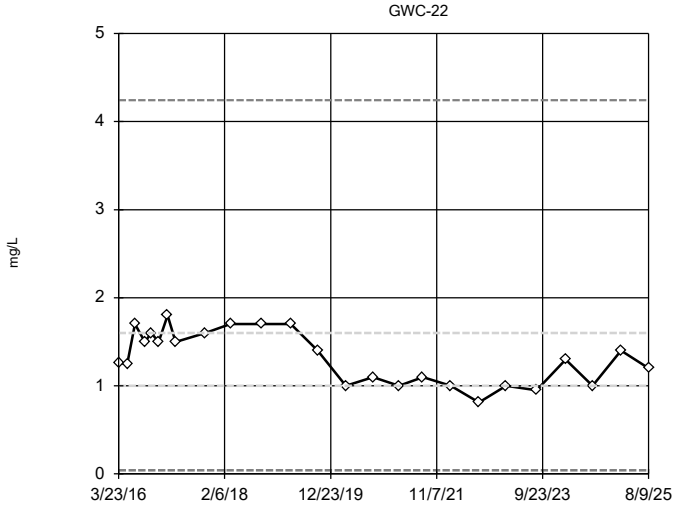
Tukey's Outlier Screening

GWC-22



n = 25

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 4.242, low cutoff = 0.04213, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 3/3/2026 10:18 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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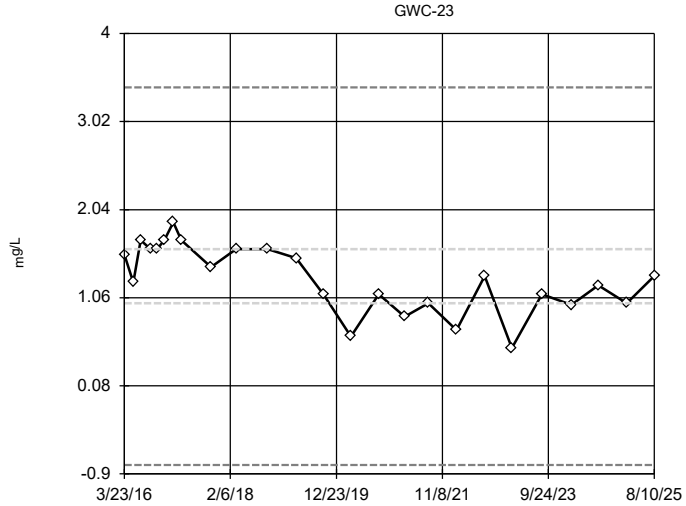
Tukey's Outlier Screening

GWC-23



n = 25

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 3.4, low cutoff = -0.8, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 3/3/2026 10:18 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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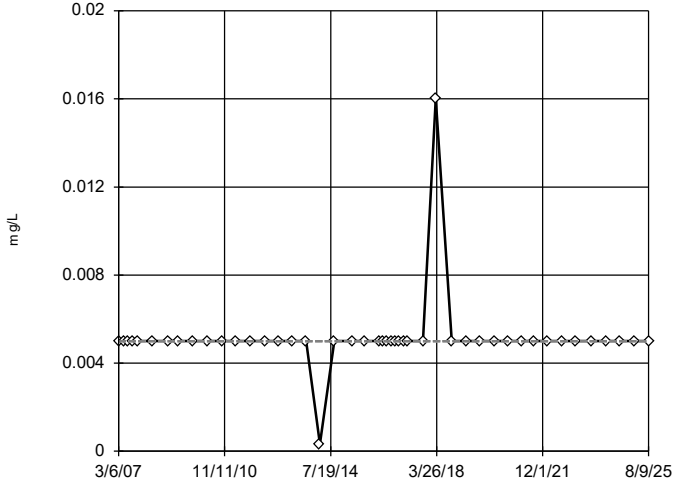
Tukey's Outlier Screening

GWA-1 (bg)



n = 46

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Chromium Analysis Run 3/3/2026 10:18 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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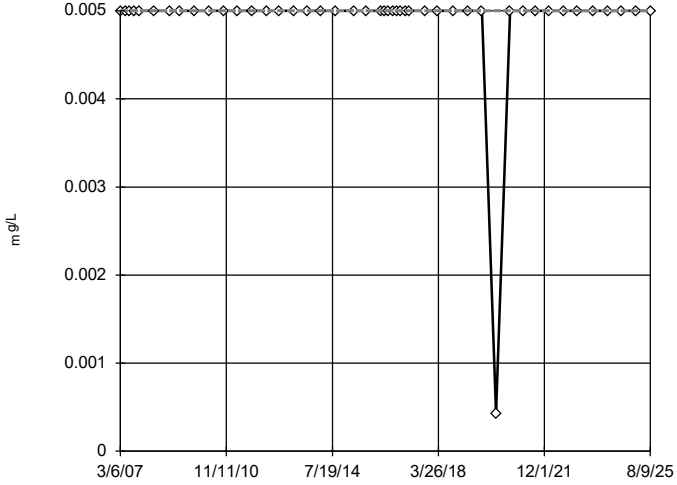
Tukey's Outlier Screening

GWA-2 (bg)



n = 46

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Chromium Analysis Run 3/3/2026 10:18 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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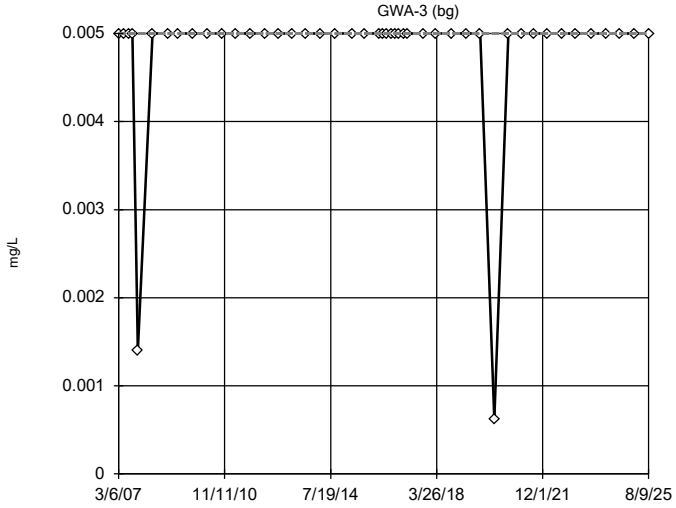
Tukey's Outlier Screening

GWA-3 (bg)



n = 46

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Chromium Analysis Run 3/3/2026 10:18 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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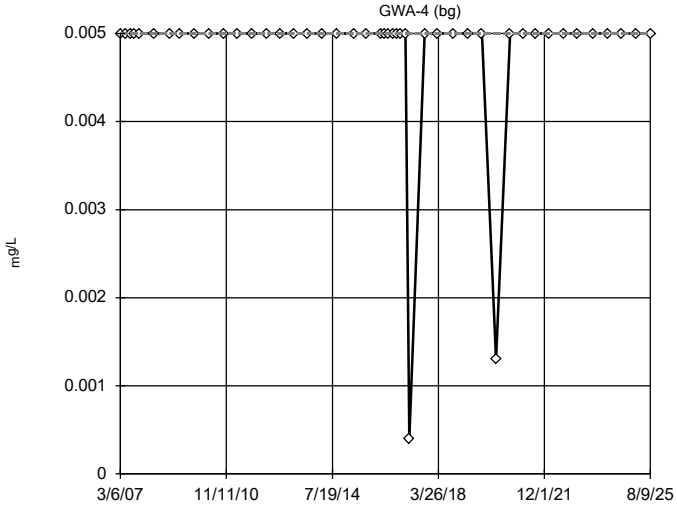
Tukey's Outlier Screening

GWA-4 (bg)



n = 46

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Chromium Analysis Run 3/3/2026 10:18 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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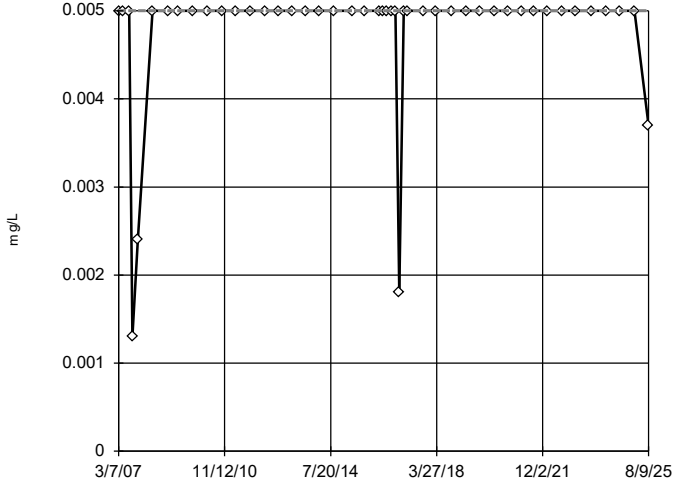
Tukey's Outlier Screening

GWA-11 (bg)



n = 46

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Chromium Analysis Run 3/3/2026 10:18 AM View: Descriptive

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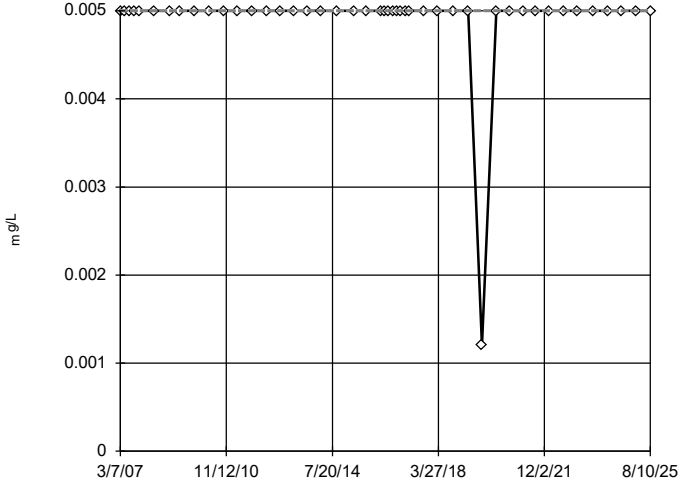
Tukey's Outlier Screening

GWC-5



n = 46

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Chromium Analysis Run 3/3/2026 10:18 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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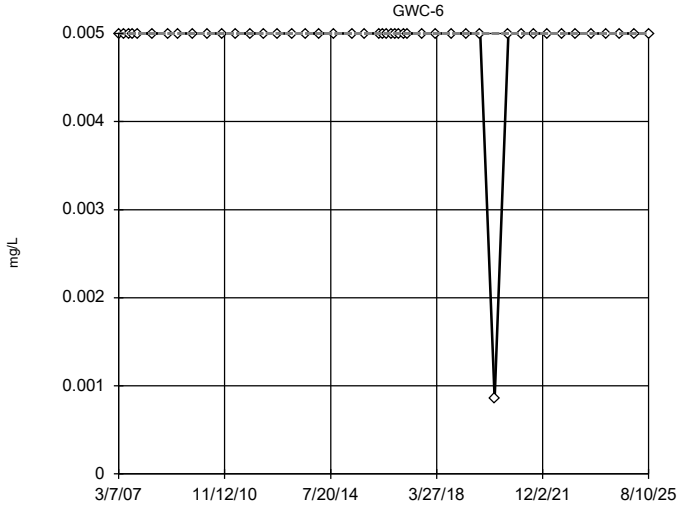
Tukey's Outlier Screening

GWC-6



n = 46

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Chromium Analysis Run 3/3/2026 10:18 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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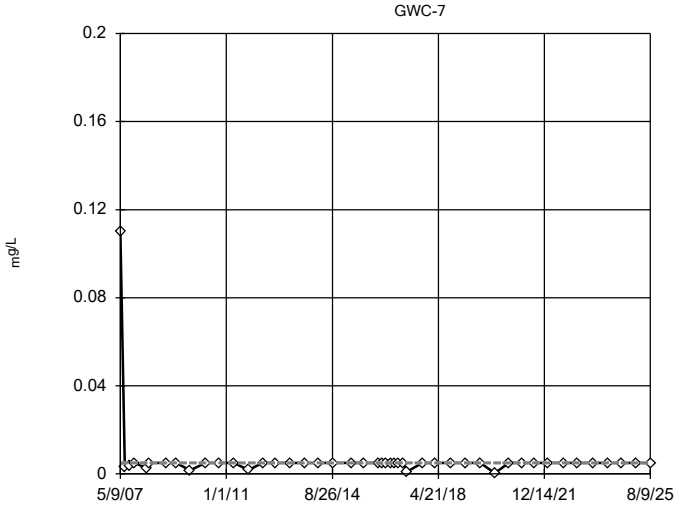
Tukey's Outlier Screening

GWC-7



n = 46

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Chromium Analysis Run 3/3/2026 10:18 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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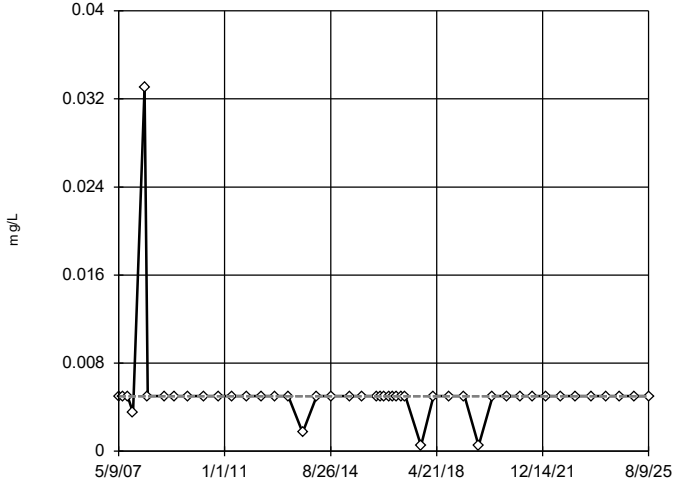
Tukey's Outlier Screening

GWC-8



n = 46

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Chromium Analysis Run 3/3/2026 10:18 AM View: Descriptive

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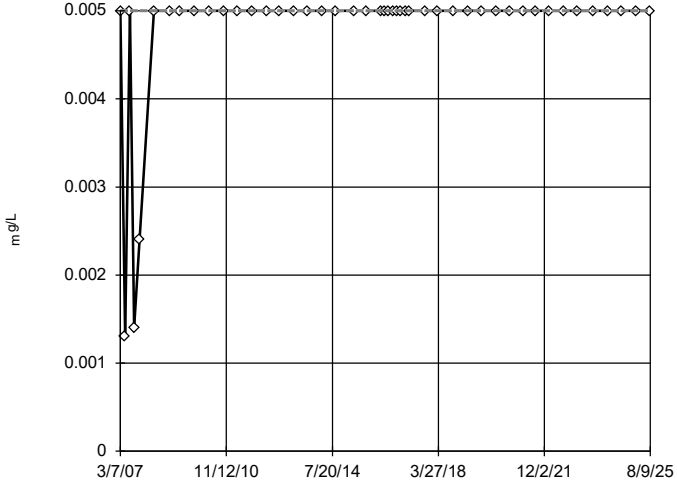
Tukey's Outlier Screening

GWC-9



n = 46

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Chromium Analysis Run 3/3/2026 10:18 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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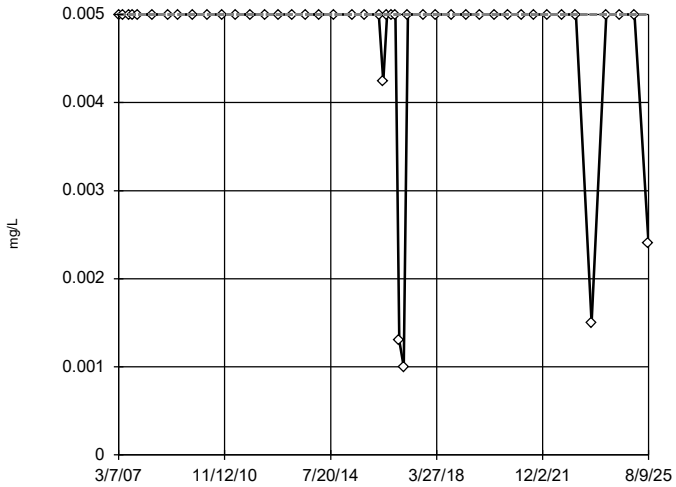
Tukey's Outlier Screening

GWC-10



n = 46

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Chromium Analysis Run 3/3/2026 10:18 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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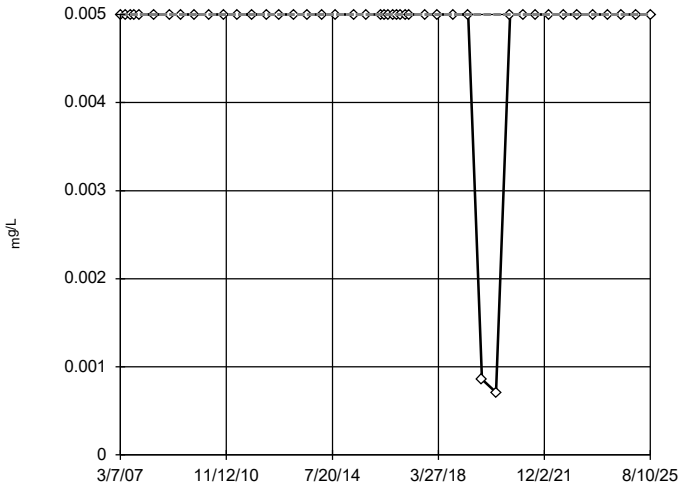
Tukey's Outlier Screening

GWC-18



n = 46

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Chromium Analysis Run 3/3/2026 10:18 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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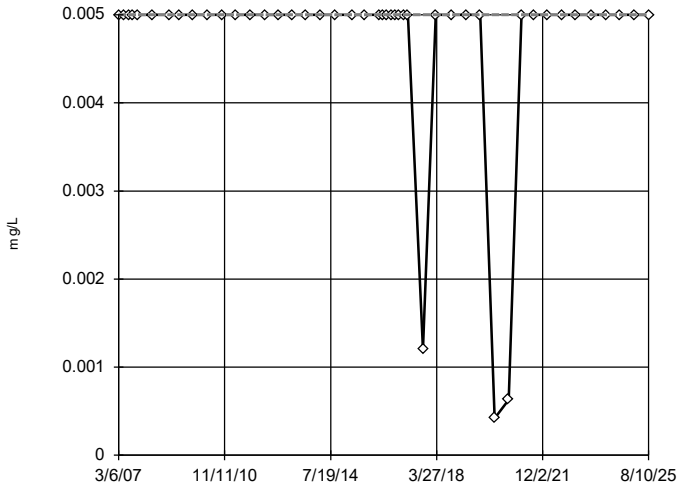
Tukey's Outlier Screening

GWC-19



n = 46

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Chromium Analysis Run 3/3/2026 10:18 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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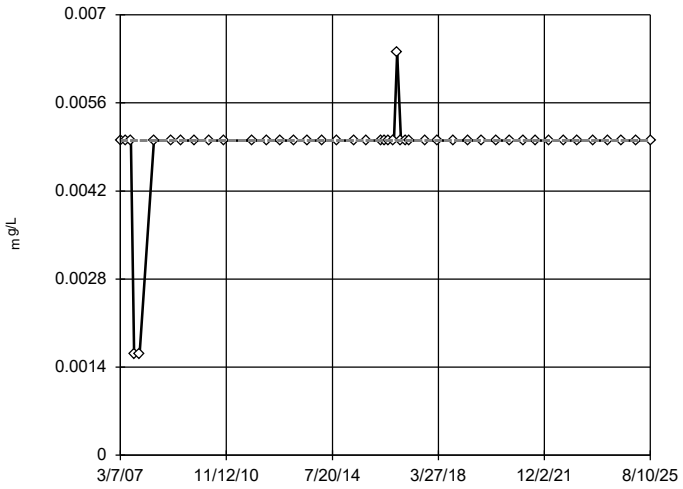
Tukey's Outlier Screening

GWC-20



n = 45

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Chromium Analysis Run 3/3/2026 10:18 AM View: Descriptive

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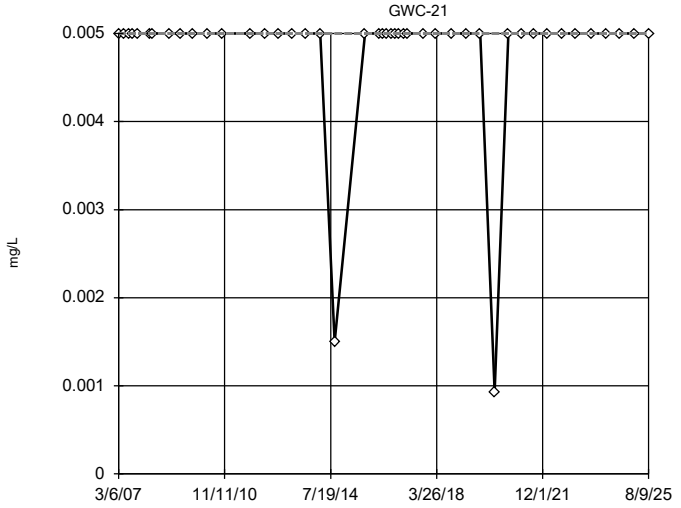
Tukey's Outlier Screening

GWC-21



n = 45

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Chromium Analysis Run 3/3/2026 10:18 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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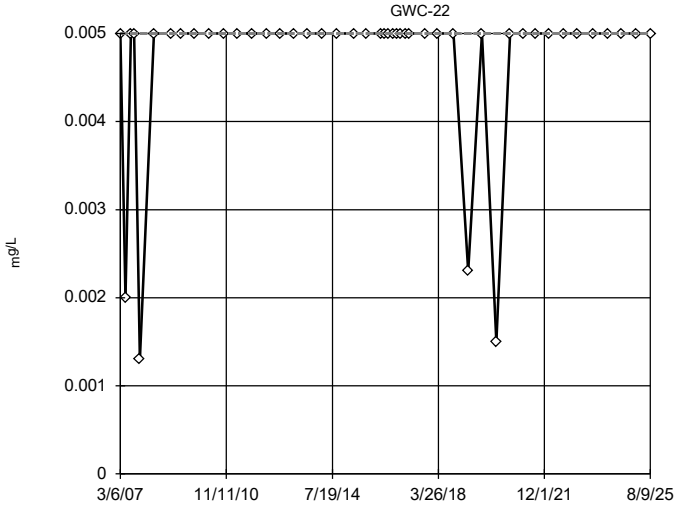
Tukey's Outlier Screening

GWC-22



n = 46

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Chromium Analysis Run 3/3/2026 10:18 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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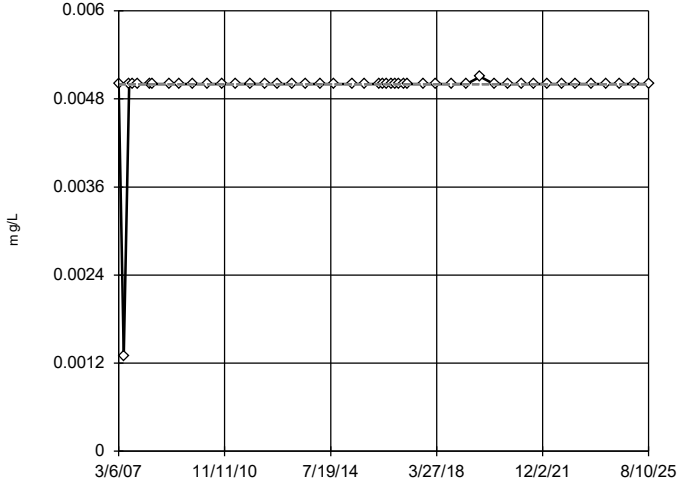
Tukey's Outlier Screening

GWC-23



n = 47

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Chromium Analysis Run 3/3/2026 10:18 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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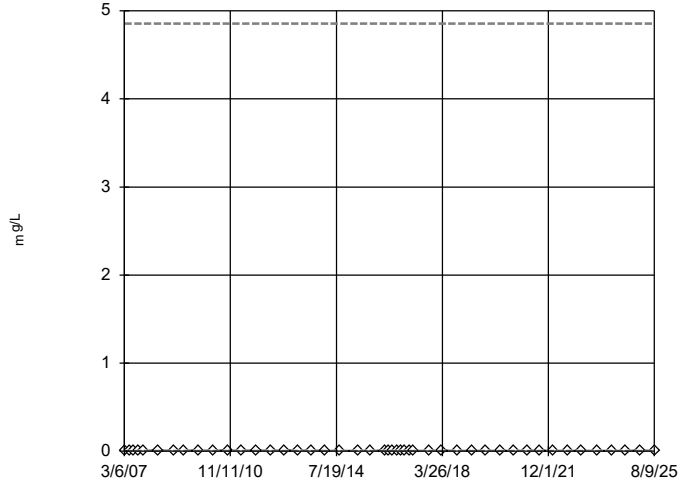
Tukey's Outlier Screening

GWA-1 (bg)



n = 46

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 4.854, low cutoff = 5.2e-7, based on IQR multiplier of 3.

Constituent: Cobalt Analysis Run 3/3/2026 10:18 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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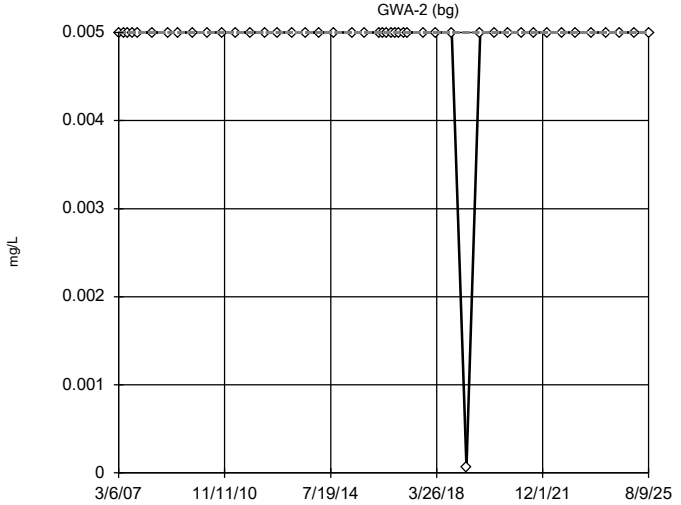
Tukey's Outlier Screening

GWA-2 (bg)



n = 46

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cobalt Analysis Run 3/3/2026 10:18 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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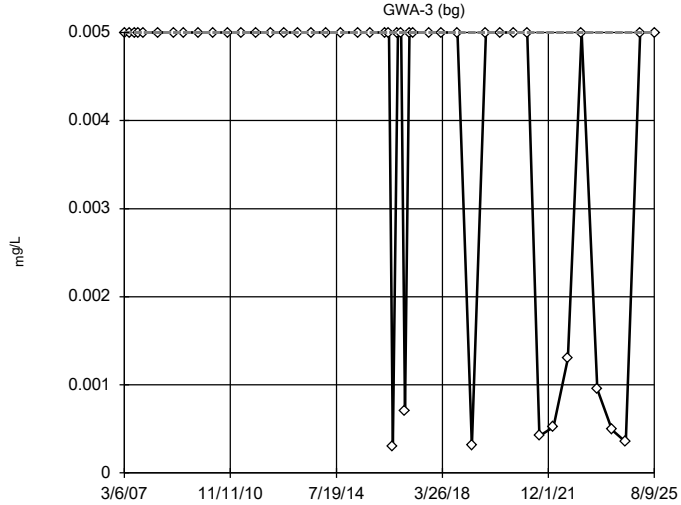
Tukey's Outlier Screening

GWA-3 (bg)



n = 46

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cobalt Analysis Run 3/3/2026 10:18 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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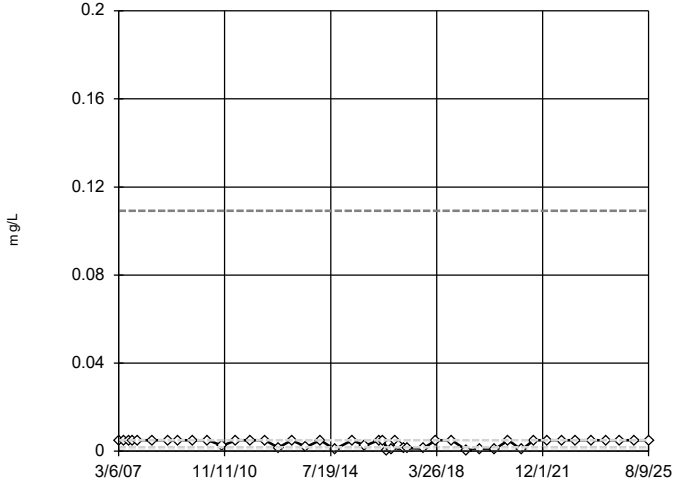
Tukey's Outlier Screening

GWA-4 (bg)



n = 46

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.1092, low cutoff = 0.00008192, based on IQR multiplier of 3.

Constituent: Cobalt Analysis Run 3/3/2026 10:18 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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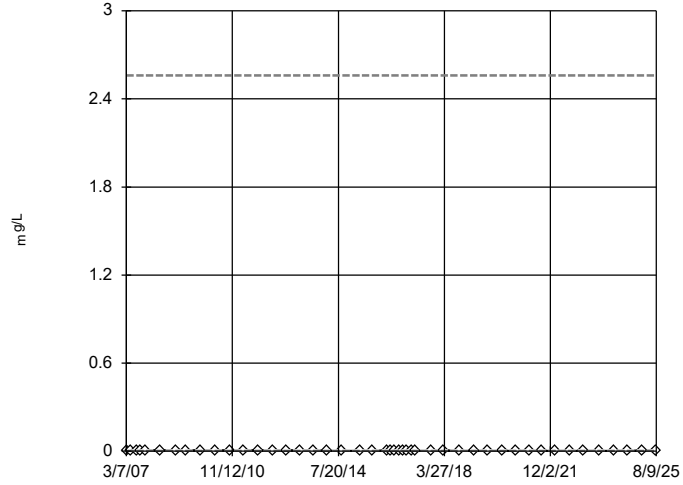
Tukey's Outlier Screening

GWA-11 (bg)



n = 46

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 2.56, low cutoff = 0.000001221, based on IQR multiplier of 3.

Constituent: Cobalt Analysis Run 3/3/2026 10:18 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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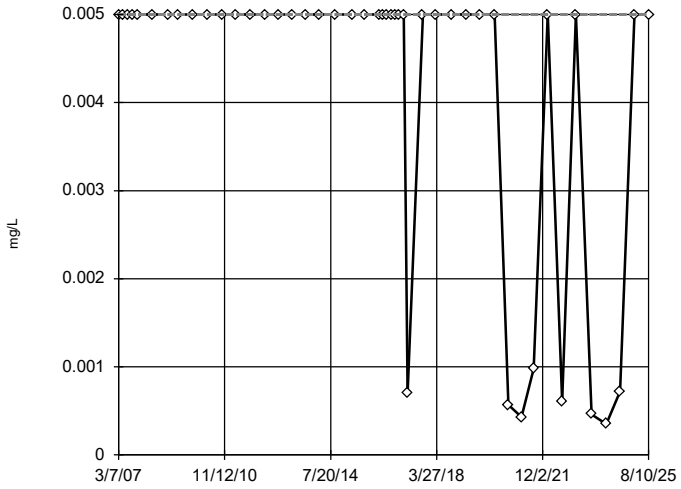
Tukey's Outlier Screening

GWC-5



n = 46

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cobalt Analysis Run 3/3/2026 10:18 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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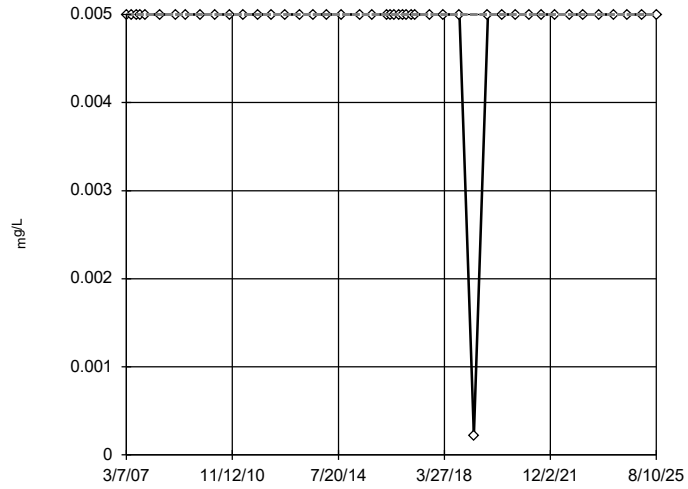
Tukey's Outlier Screening

GWC-6



n = 46

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cobalt Analysis Run 3/3/2026 10:18 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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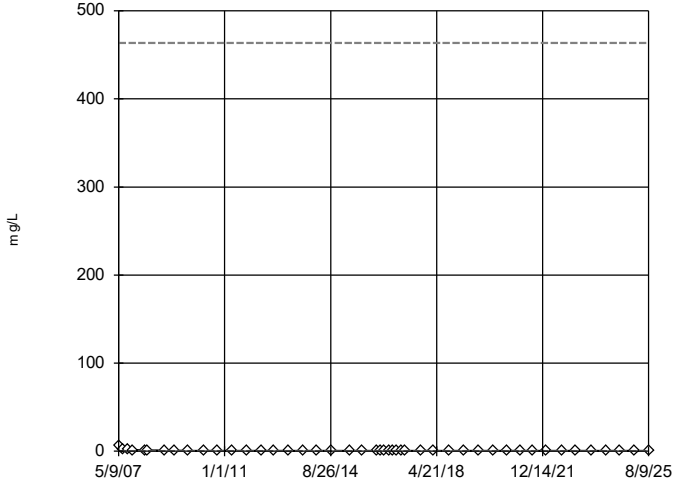
Tukey's Outlier Screening

GWC-7



n = 46

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 463.5, low cutoff = 0.000007598, based on IQR multiplier of 3.

Constituent: Cobalt Analysis Run 3/3/2026 10:18 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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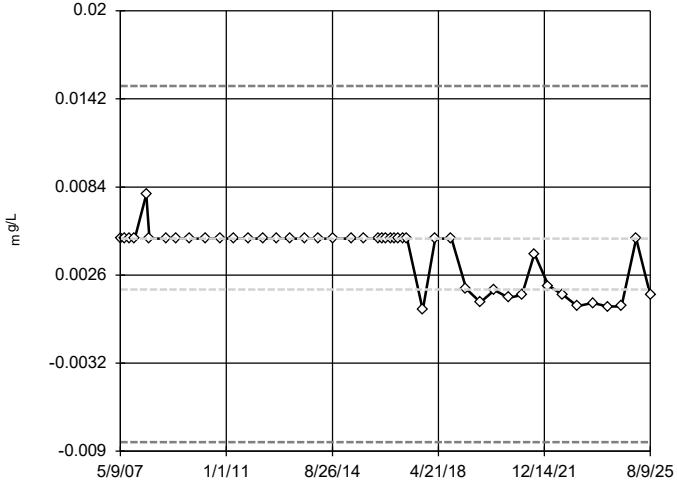
Tukey's Outlier Screening

GWC-8



n = 46

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 0.01505, low cutoff = -0.0084, based on IQR multiplier of 3.

Constituent: Cobalt Analysis Run 3/3/2026 10:19 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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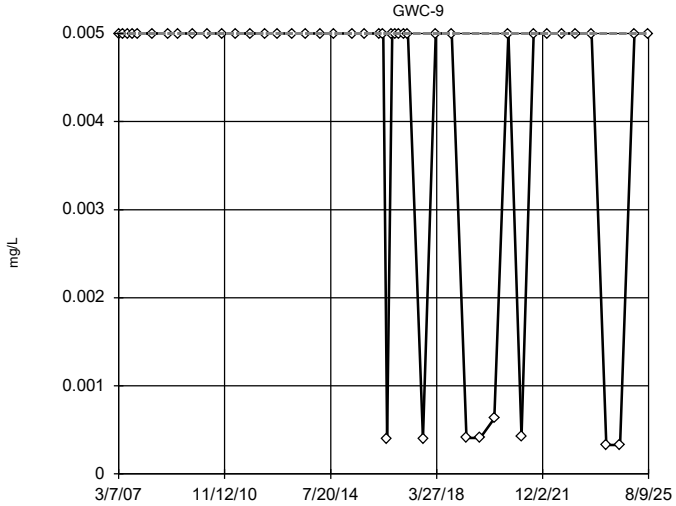
Tukey's Outlier Screening

GWC-9



n = 46

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cobalt Analysis Run 3/3/2026 10:19 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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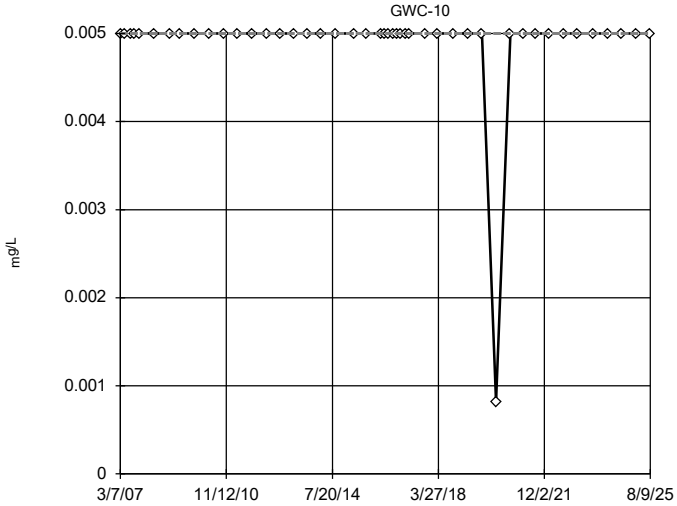
Tukey's Outlier Screening

GWC-10



n = 46

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cobalt Analysis Run 3/3/2026 10:19 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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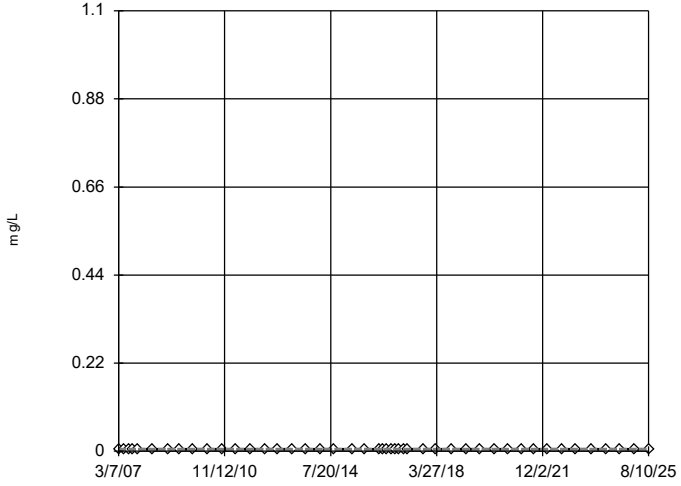
Tukey's Outlier Screening

GWC-18



n = 46

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Cobalt Analysis Run 3/3/2026 10:19 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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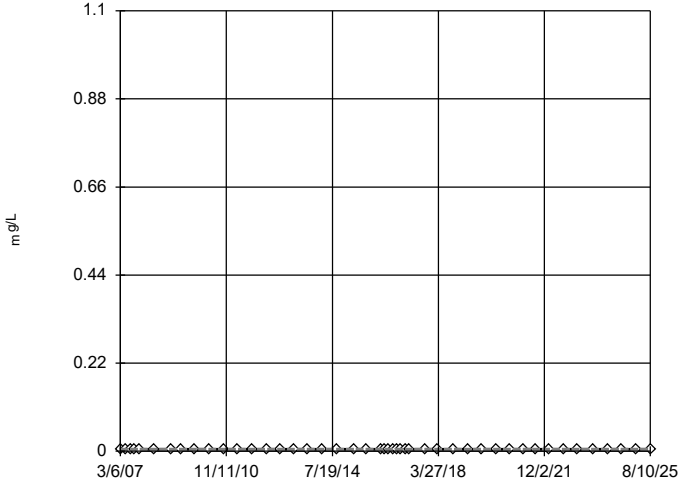
Tukey's Outlier Screening

GWC-19



n = 46

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Cobalt Analysis Run 3/3/2026 10:19 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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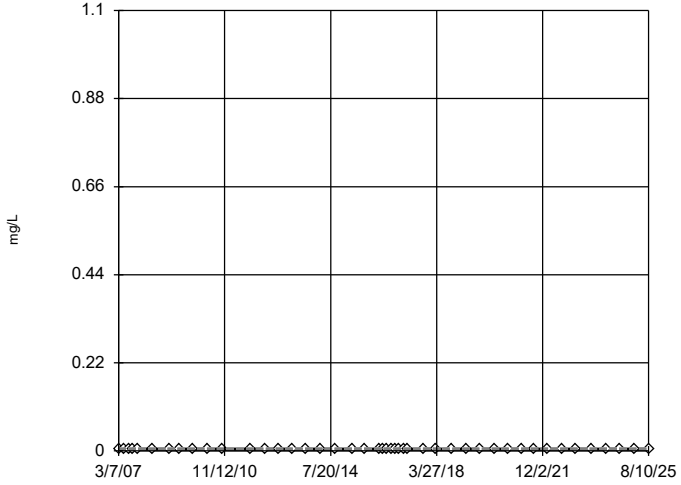
Tukey's Outlier Screening

GWC-20



n = 45

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Cobalt Analysis Run 3/3/2026 10:19 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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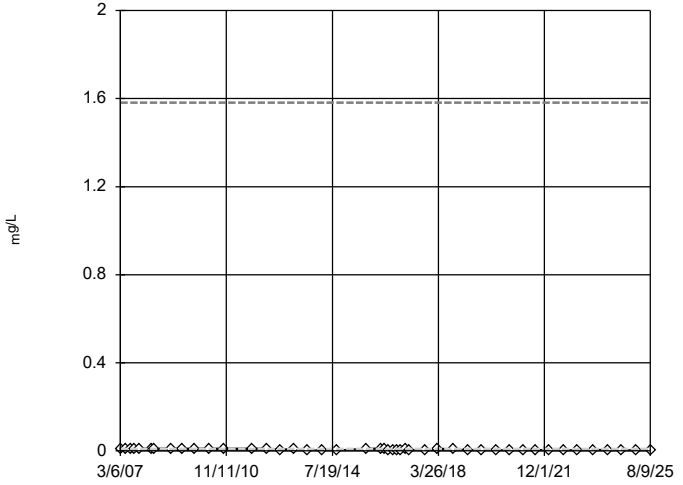
Tukey's Outlier Screening

GWC-21



n = 45

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 1.581, low cutoff = 0.0000117, based on IQR multiplier of 3.

Constituent: Cobalt Analysis Run 3/3/2026 10:19 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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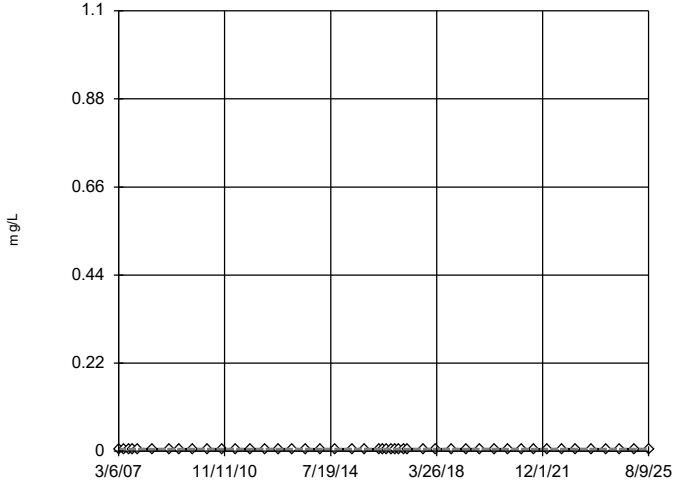
Tukey's Outlier Screening

GWC-22



n = 46

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Cobalt Analysis Run 3/3/2026 10:19 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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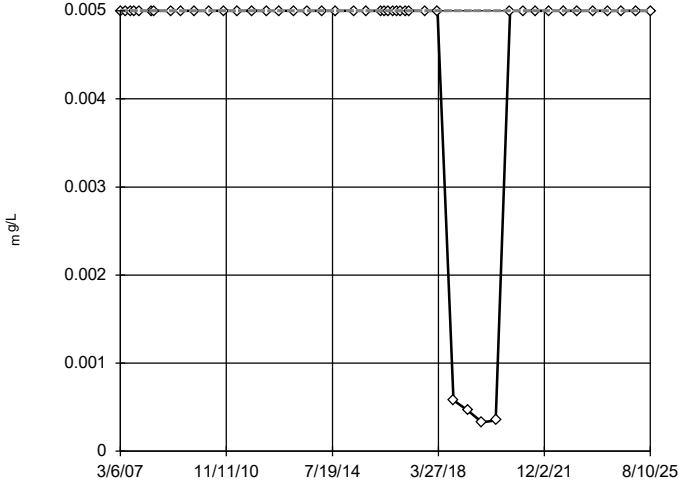
Tukey's Outlier Screening

GWC-23



n = 47

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cobalt Analysis Run 3/3/2026 10:19 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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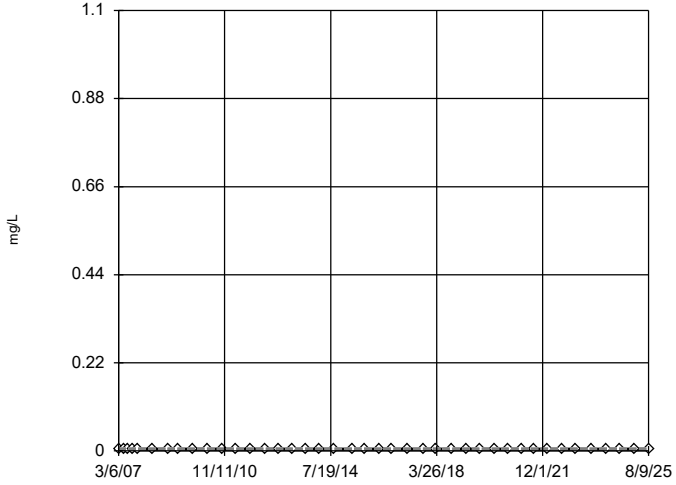
Tukey's Outlier Screening

GWA-1 (bg)



n = 41

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Copper Analysis Run 3/3/2026 10:19 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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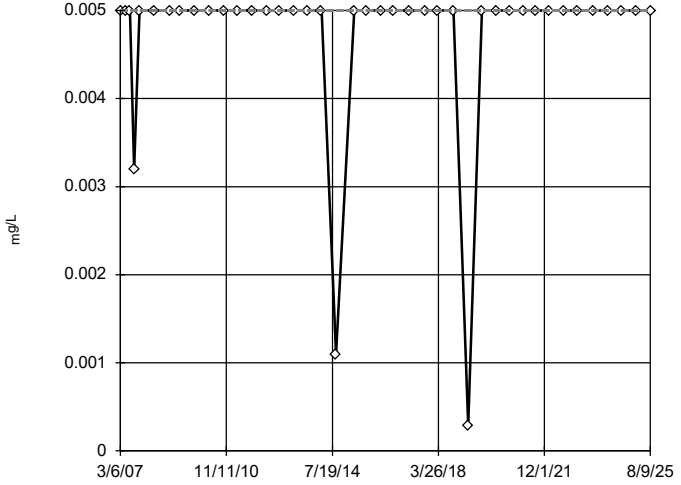
Tukey's Outlier Screening

GWA-2 (bg)



n = 41

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 3/3/2026 10:19 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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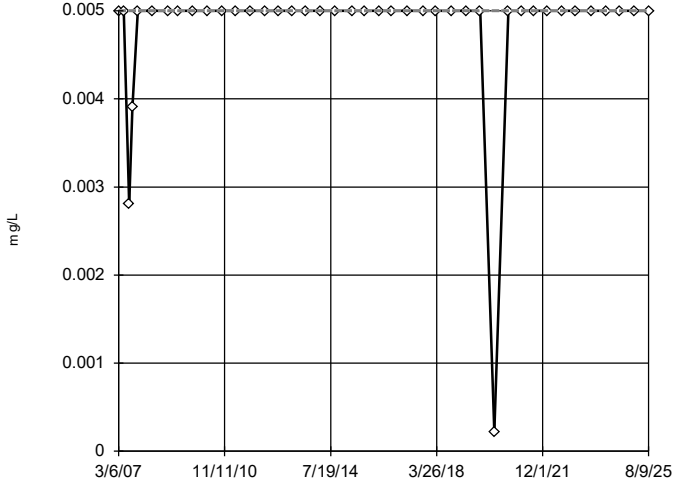
Tukey's Outlier Screening

GWA-3 (bg)



n = 41

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 3/3/2026 10:19 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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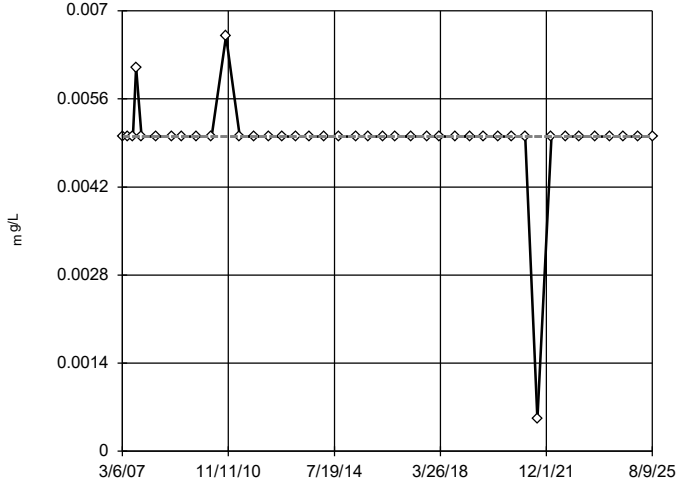
Tukey's Outlier Screening

GWA-4 (bg)



n = 41

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 3/3/2026 10:19 AM View: Descriptive

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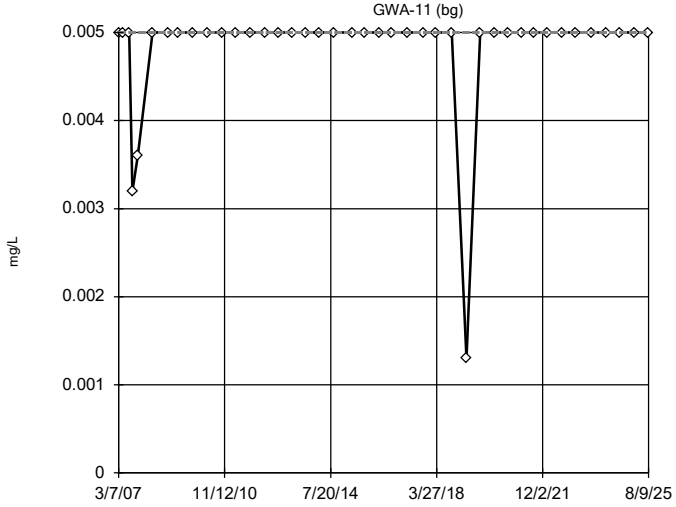
Tukey's Outlier Screening

GWA-11 (bg)



n = 41

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 3/3/2026 10:19 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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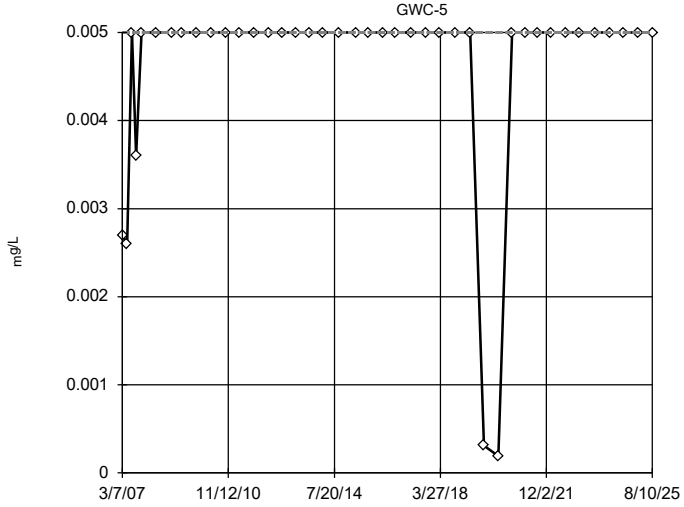
Tukey's Outlier Screening

GWC-5



n = 41

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 3/3/2026 10:19 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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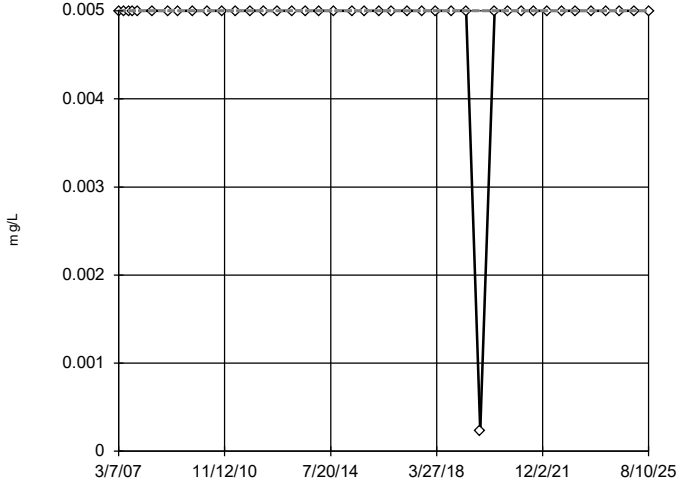
Tukey's Outlier Screening

GWC-6



n = 41

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 3/3/2026 10:19 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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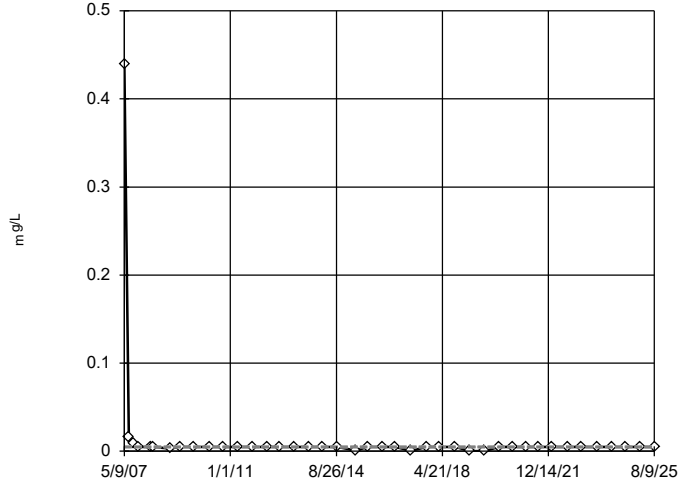
Tukey's Outlier Screening

GWC-7



n = 41

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 3/3/2026 10:19 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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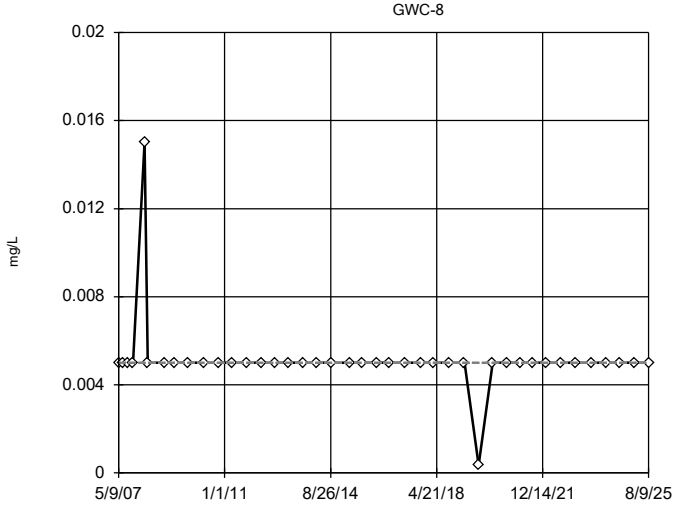
Tukey's Outlier Screening

GWC-8



n = 41

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 3/3/2026 10:19 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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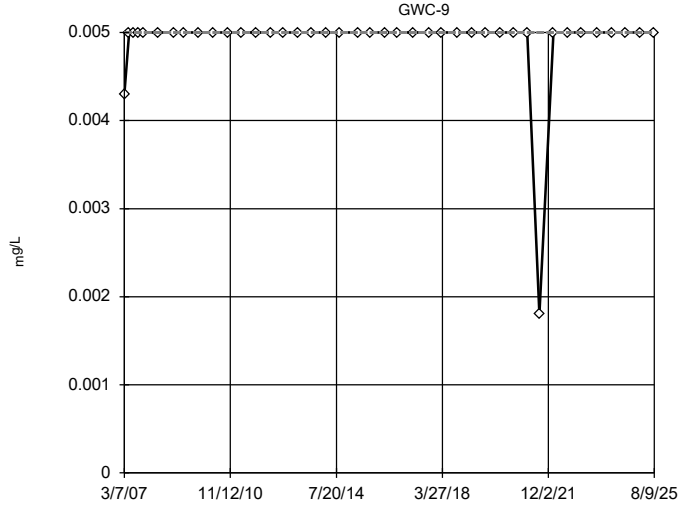
Tukey's Outlier Screening

GWC-9



n = 41

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 3/3/2026 10:19 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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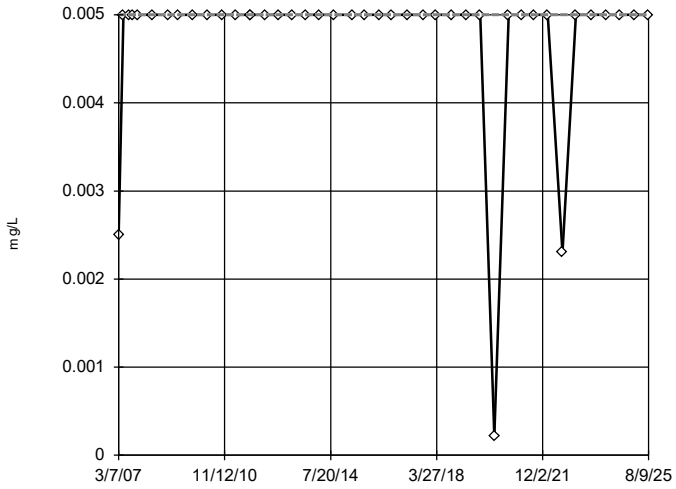
Tukey's Outlier Screening

GWC-10



n = 42

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 3/3/2026 10:19 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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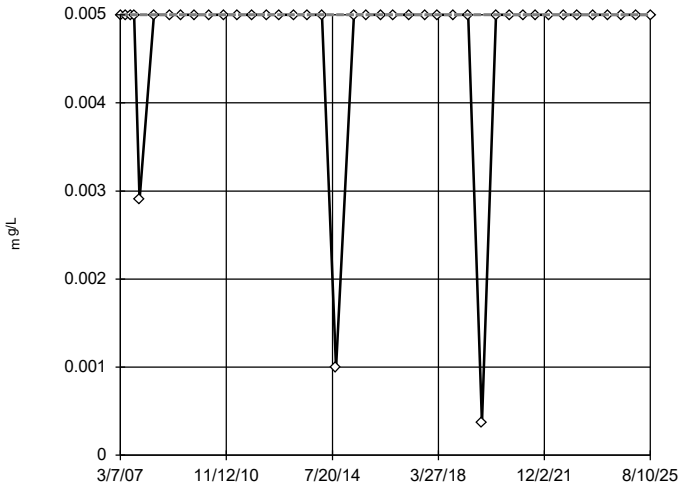
Tukey's Outlier Screening

GWC-18



n = 41

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 3/3/2026 10:19 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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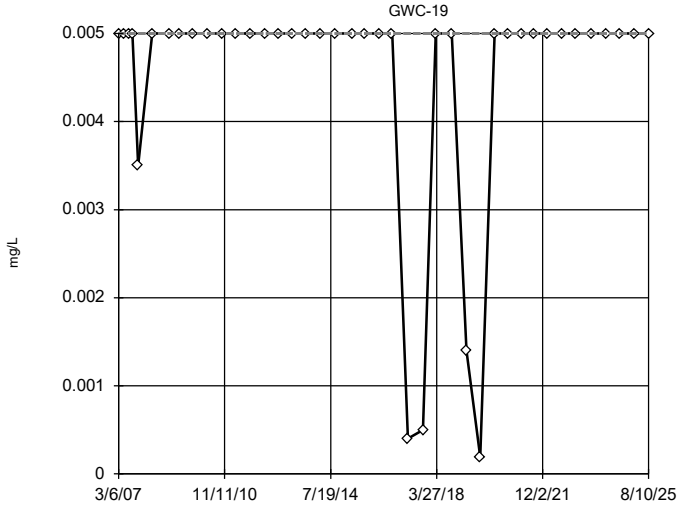
Tukey's Outlier Screening

GWC-19



n = 41

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 3/3/2026 10:19 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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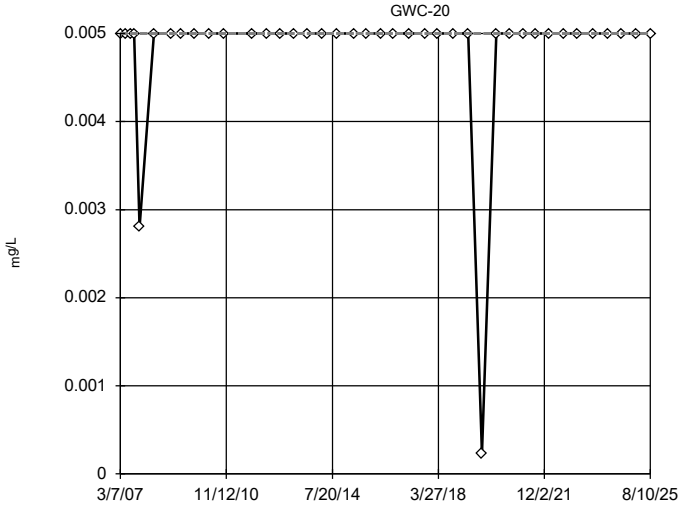
Tukey's Outlier Screening

GWC-20



n = 40

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 3/3/2026 10:19 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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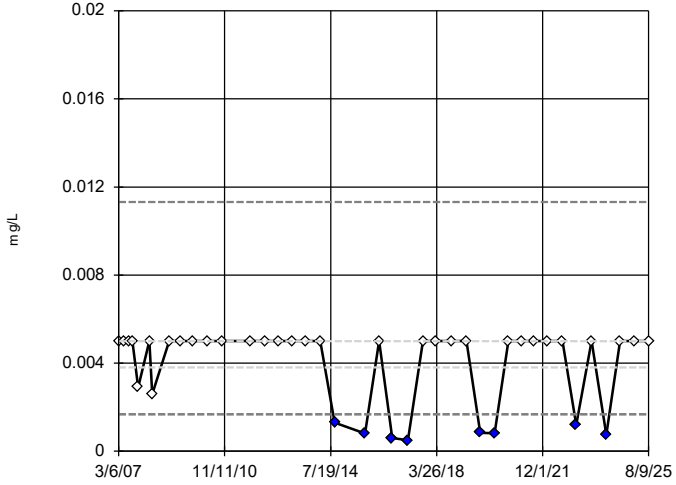
Tukey's Outlier Screening

GWC-21



n = 40

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.01132, low cutoff = 0.001682, based on IQR multiplier of 3.

Constituent: Copper Analysis Run 3/3/2026 10:19 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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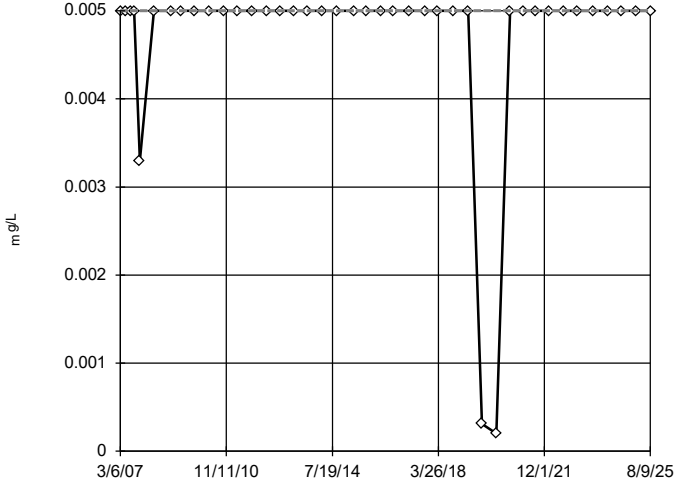
Tukey's Outlier Screening

GWC-22



n = 41

No outliers found.
Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 3/3/2026 10:19 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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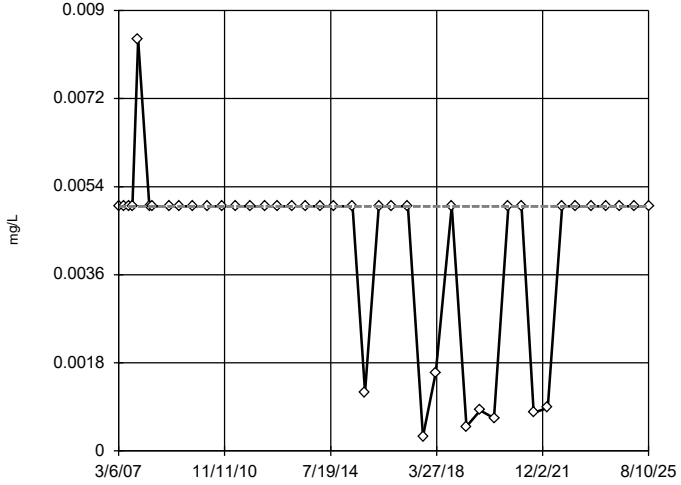
Tukey's Outlier Screening

GWC-23



n = 42

No outliers found.
Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 3/3/2026 10:19 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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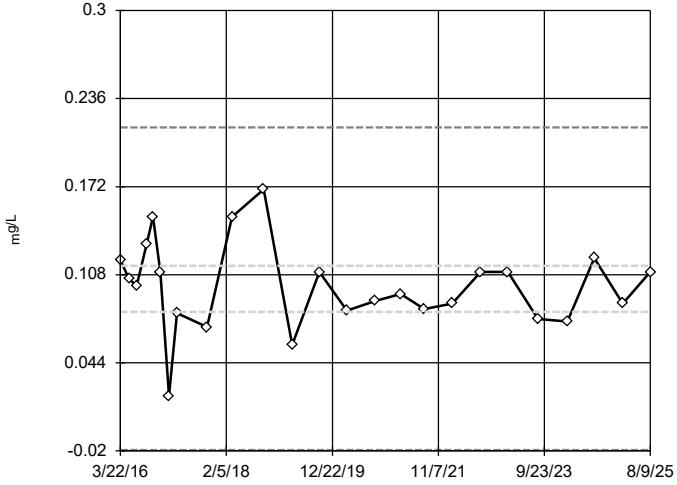
Tukey's Outlier Screening

GWA-1 (bg)



n = 25

No outliers found.
Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 0.215, low cutoff = -0.0195, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 3/3/2026 10:19 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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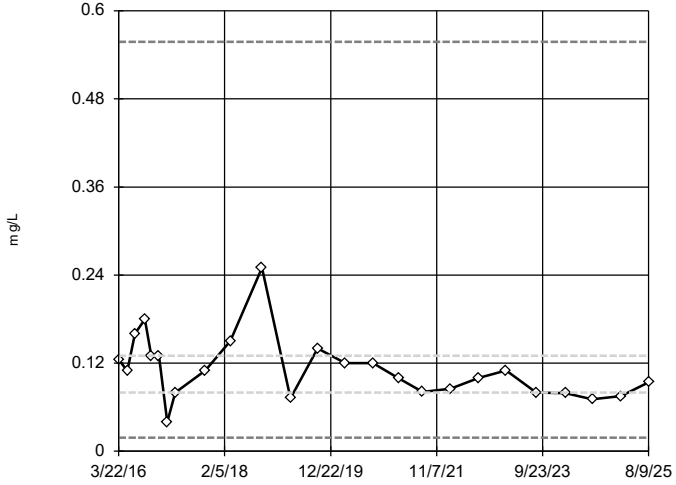
Tukey's Outlier Screening

GWA-2 (bg)



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.5578, low cutoff = 0.01864, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 3/3/2026 10:19 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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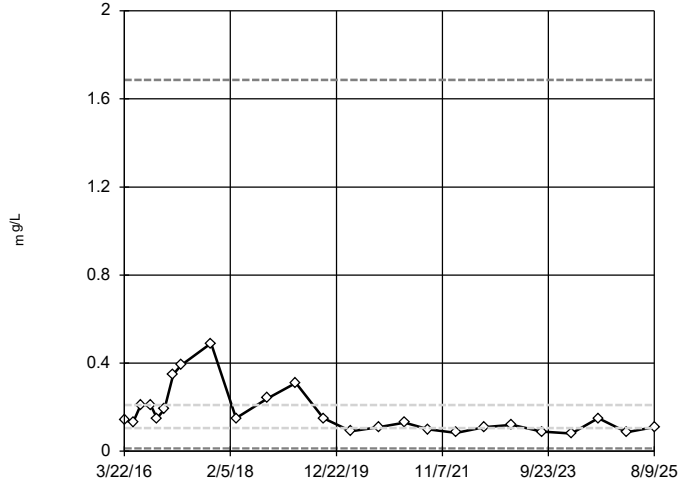
Tukey's Outlier Screening

GWA-3 (bg)



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 1.686, low cutoff = 0.01307, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 3/3/2026 10:19 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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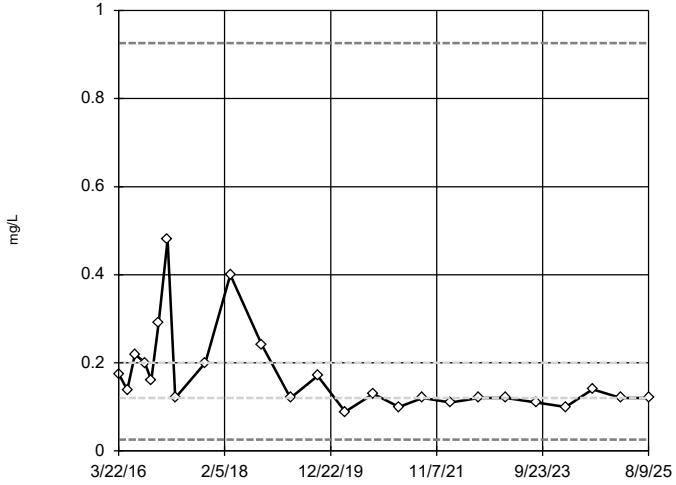
Tukey's Outlier Screening

GWA-4 (bg)



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.9259, low cutoff = 0.02592, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 3/3/2026 10:19 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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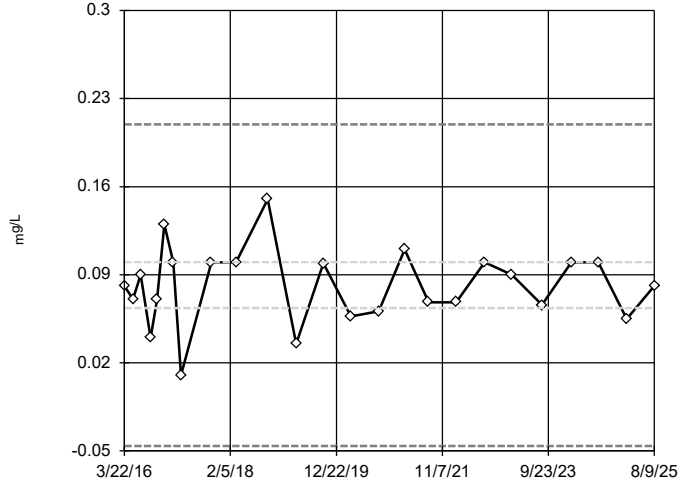
Tukey's Outlier Screening

GWA-11 (bg)



n = 25

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 0.2095, low cutoff = -0.046, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 3/3/2026 10:19 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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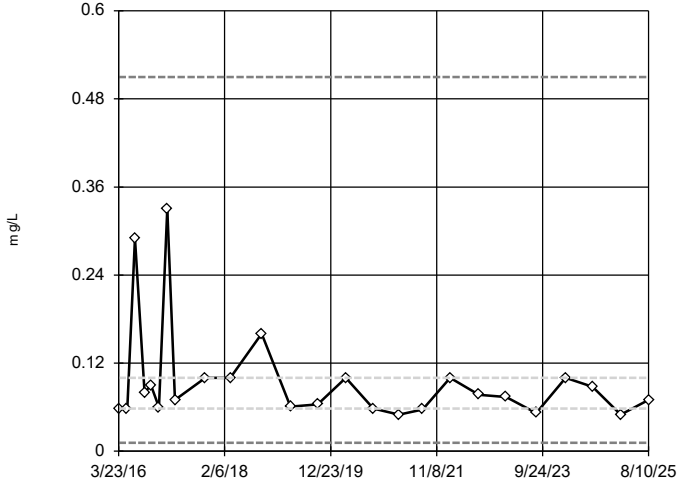
Tukey's Outlier Screening

GWC-5



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.5099, low cutoff = 0.01139, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 3/3/2026 10:19 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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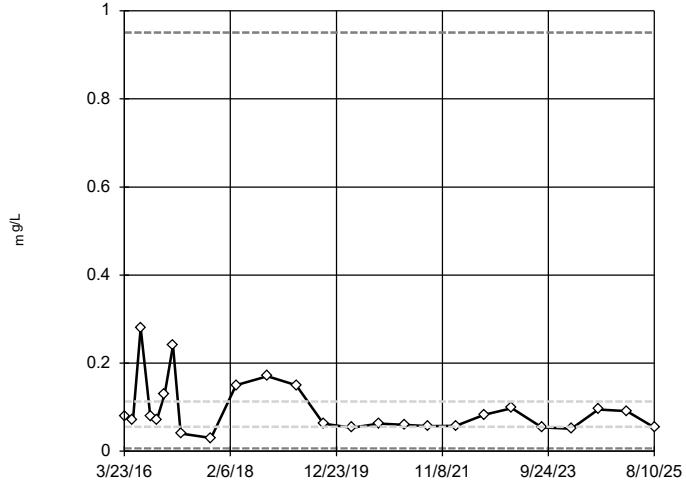
Tukey's Outlier Screening

GWC-6



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.9505, low cutoff = 0.006588, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 3/3/2026 10:19 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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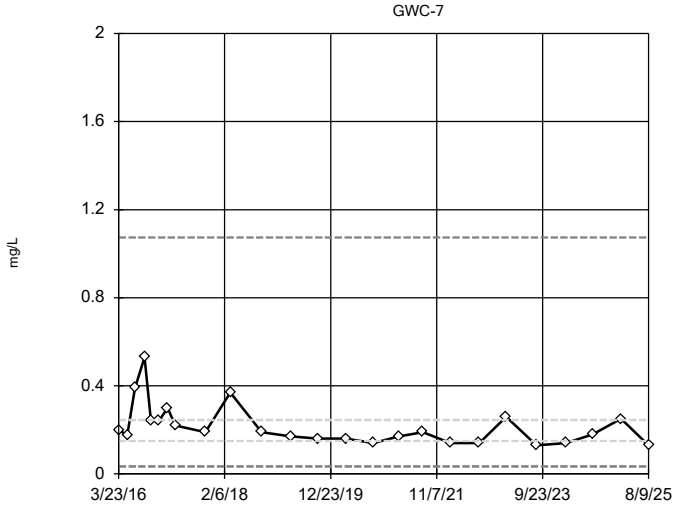
Tukey's Outlier Screening

GWC-7



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 1.074, low cutoff = 0.03414, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 3/3/2026 10:19 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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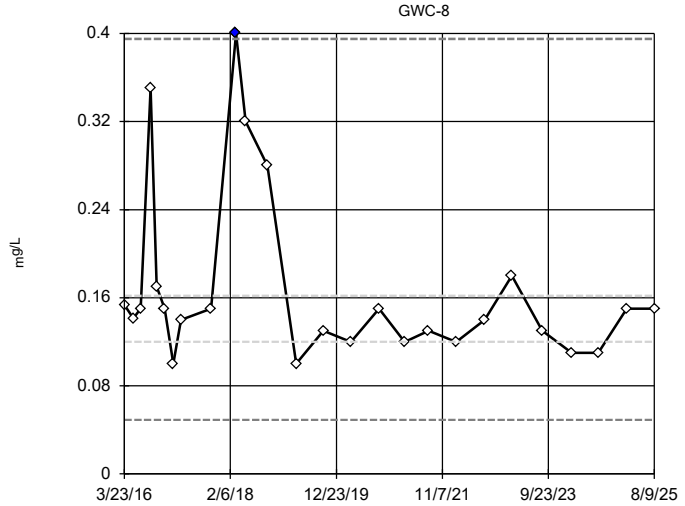
Tukey's Outlier Screening

GWC-8



n = 26

Outlier is drawn as solid. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.3951, low cutoff = 0.0491, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 3/3/2026 10:19 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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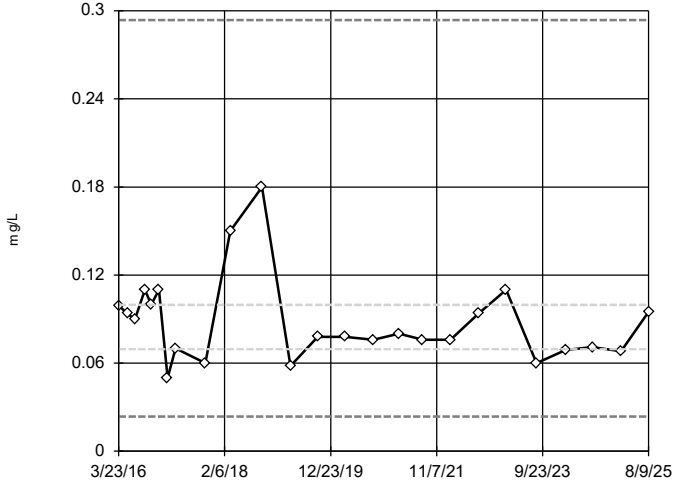
Tukey's Outlier Screening

GWC-9



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.2937, low cutoff = 0.02358, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 3/3/2026 10:19 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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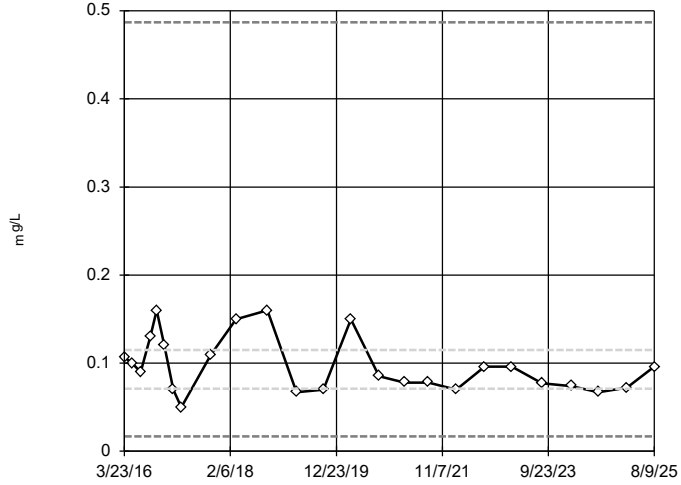
Tukey's Outlier Screening

GWC-10



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.487, low cutoff = 0.01675, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 3/3/2026 10:19 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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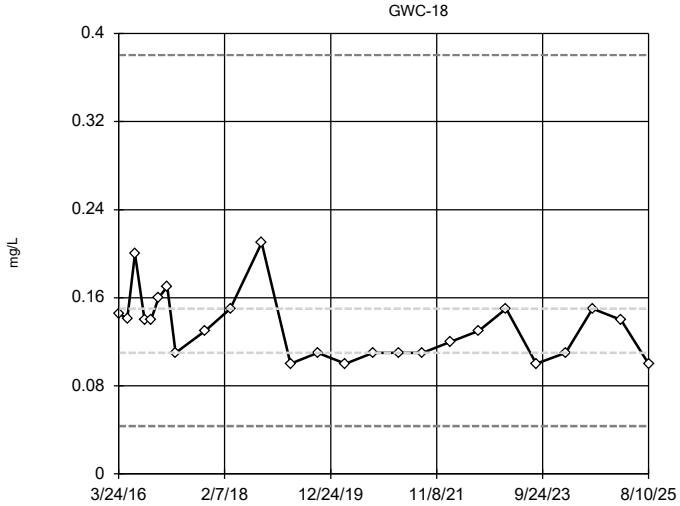
Tukey's Outlier Screening

GWC-18



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.3804, low cutoff = 0.04338, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 3/3/2026 10:19 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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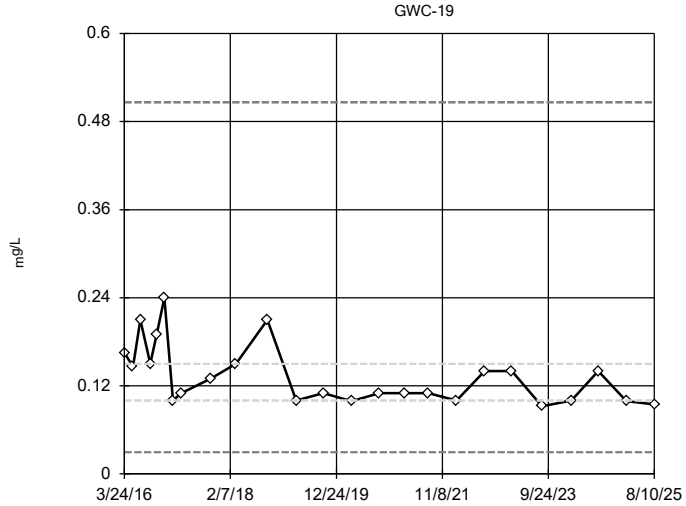
Tukey's Outlier Screening

GWC-19



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.5063, low cutoff = 0.02963, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 3/3/2026 10:19 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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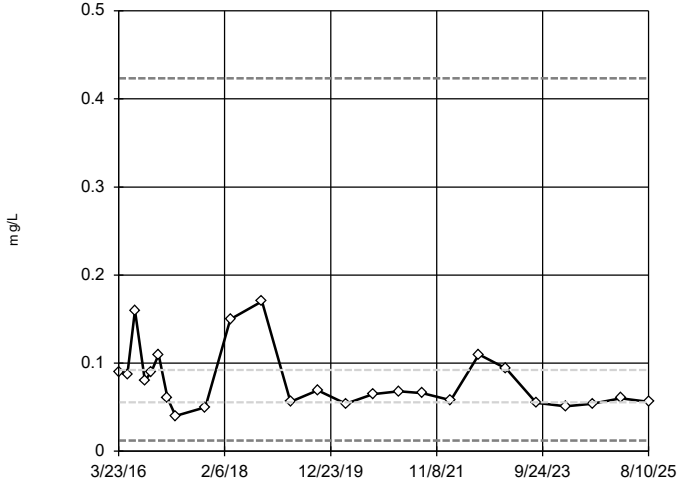
Tukey's Outlier Screening

GWC-20



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.4234, low cutoff = 0.01209, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 3/3/2026 10:19 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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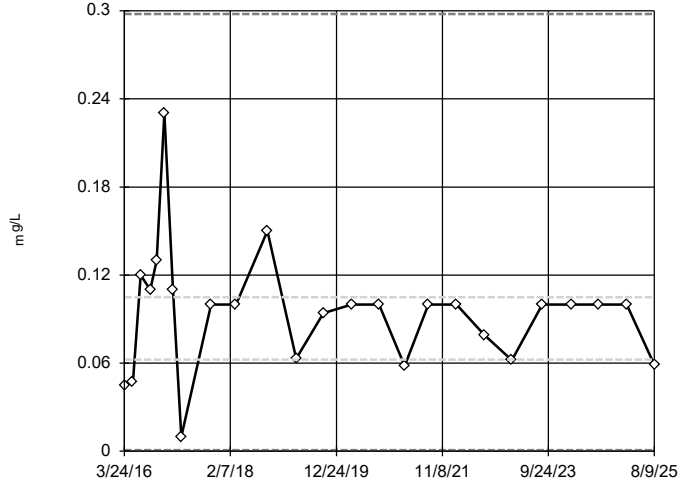
Tukey's Outlier Screening

GWC-21



n = 25

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.2979, low cutoff = 0.0007928, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 3/3/2026 10:19 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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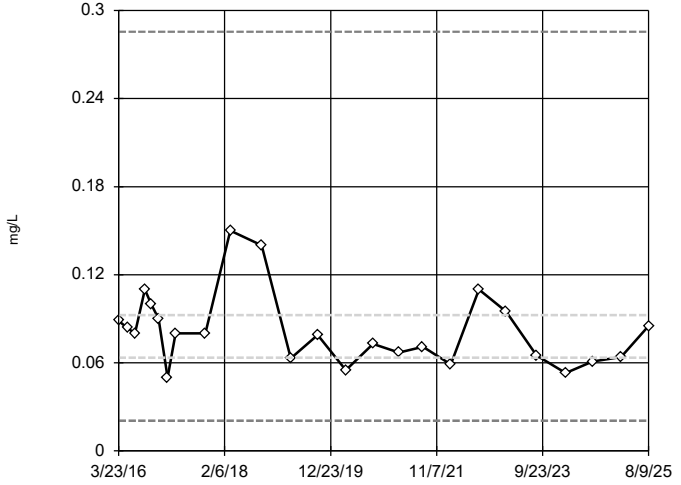
Tukey's Outlier Screening

GWC-22



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.2855, low cutoff = 0.02056, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 3/3/2026 10:19 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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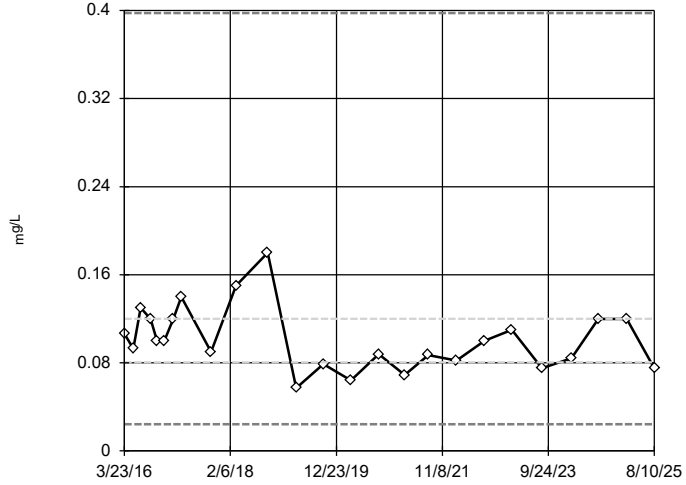
Tukey's Outlier Screening

GWC-23



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.3977, low cutoff = 0.02429, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 3/3/2026 10:19 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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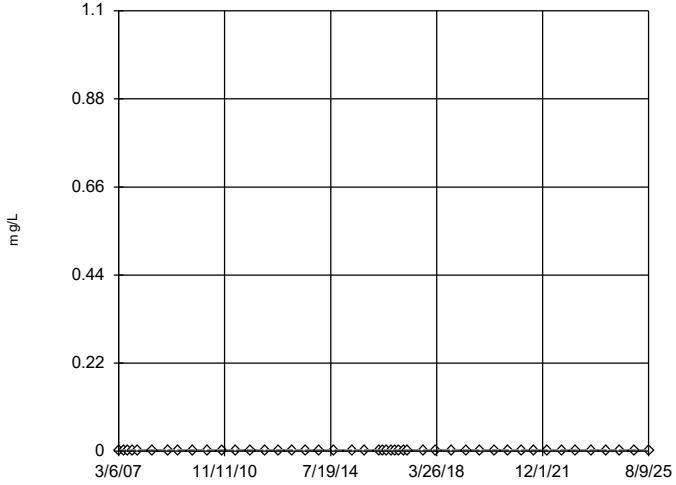
Tukey's Outlier Screening

GWA-1 (bg)



n = 46

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Lead Analysis Run 3/3/2026 10:19 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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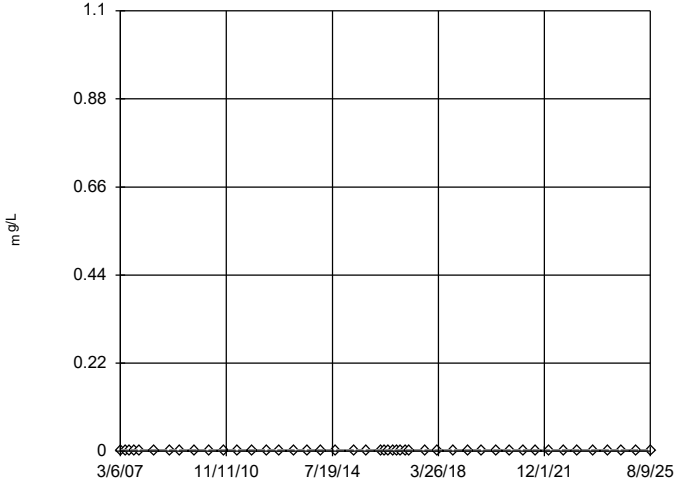
Tukey's Outlier Screening

GWA-2 (bg)



n = 46

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Lead Analysis Run 3/3/2026 10:19 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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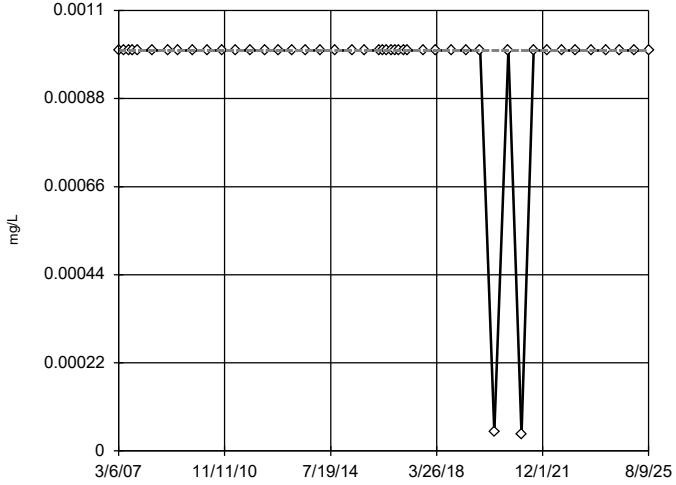
Tukey's Outlier Screening

GWA-3 (bg)



n = 46

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 3/3/2026 10:19 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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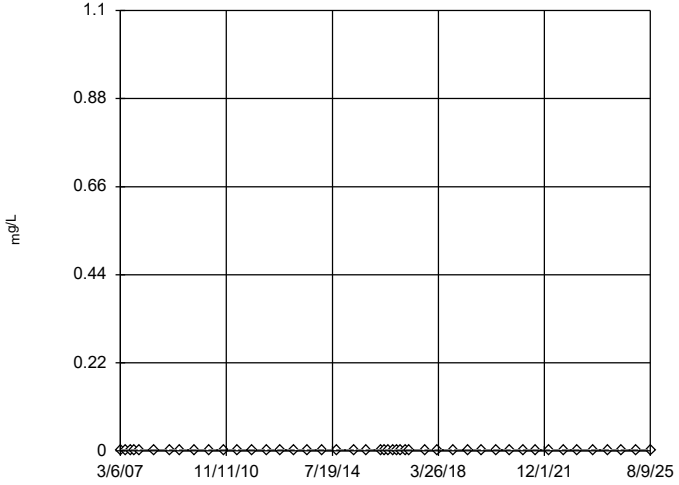
Tukey's Outlier Screening

GWA-4 (bg)



n = 46

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Lead Analysis Run 3/3/2026 10:19 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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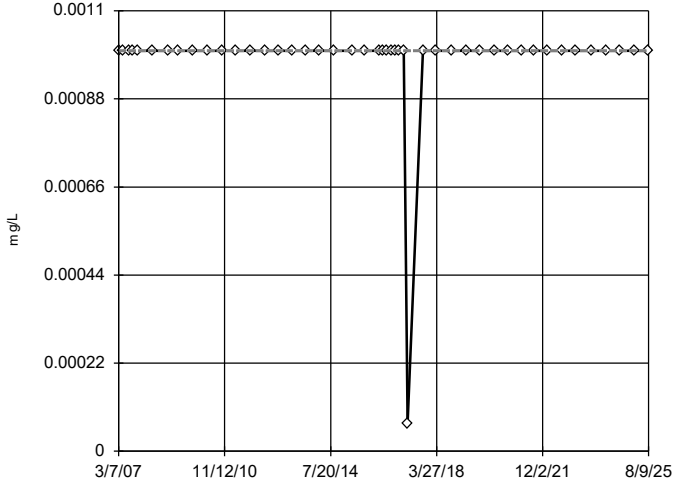
Tukey's Outlier Screening

GWA-11 (bg)



n = 46

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 3/3/2026 10:19 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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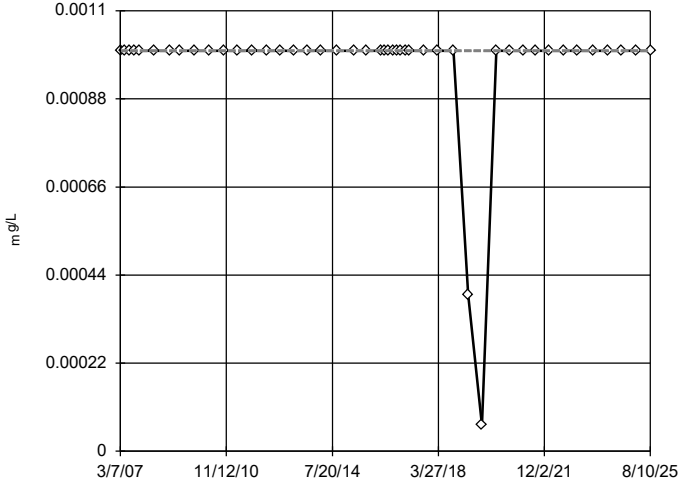
Tukey's Outlier Screening

GWC-5



n = 46

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 3/3/2026 10:19 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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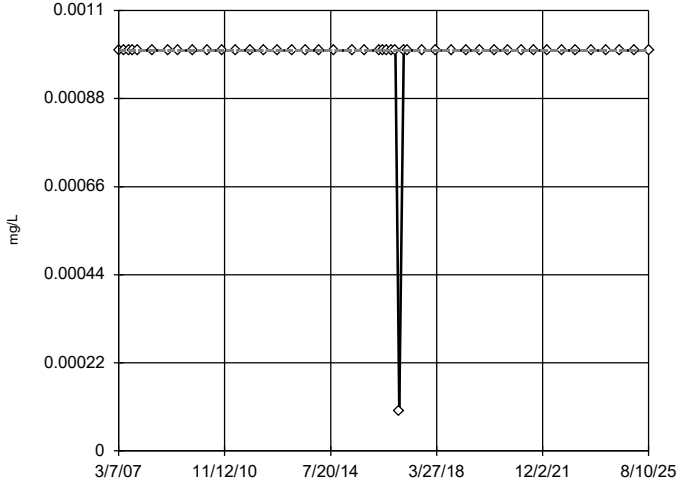
Tukey's Outlier Screening

GWC-6



n = 46

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 3/3/2026 10:20 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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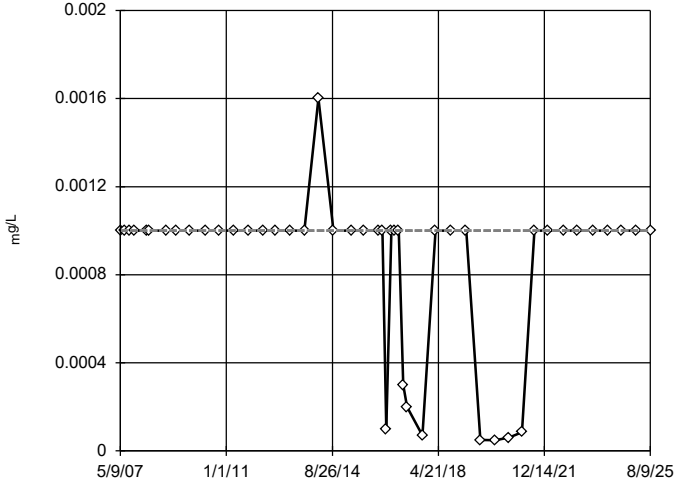
Tukey's Outlier Screening

GWC-7



n = 46

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 3/3/2026 10:20 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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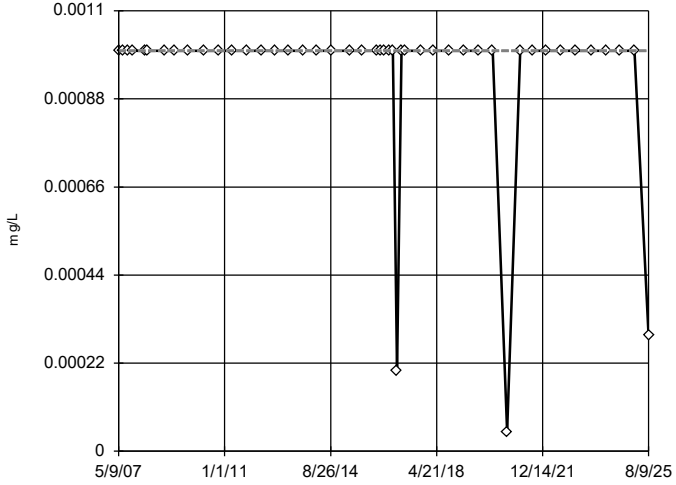
Tukey's Outlier Screening

GWC-8



n = 46

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 3/3/2026 10:20 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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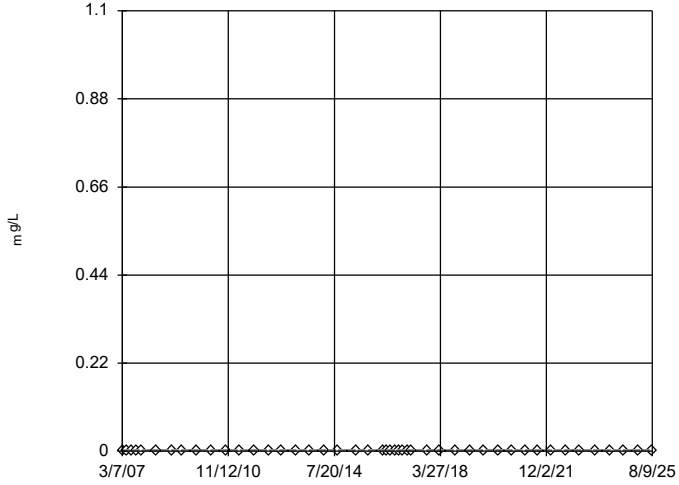
Tukey's Outlier Screening

GWC-9



n = 46

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Lead Analysis Run 3/3/2026 10:20 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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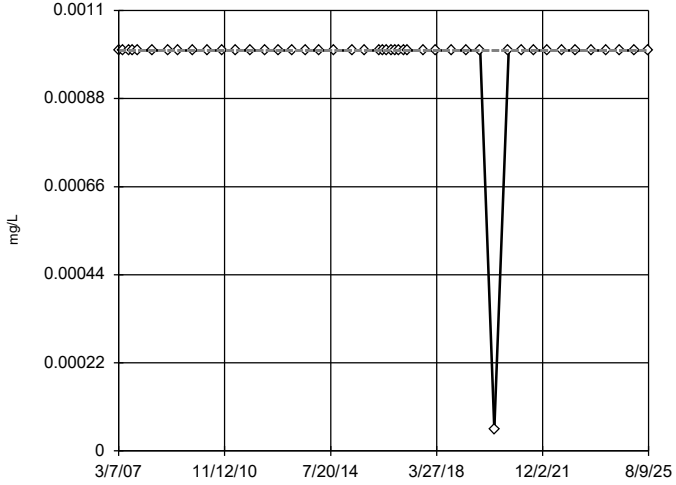
Tukey's Outlier Screening

GWC-10



n = 46

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 3/3/2026 10:20 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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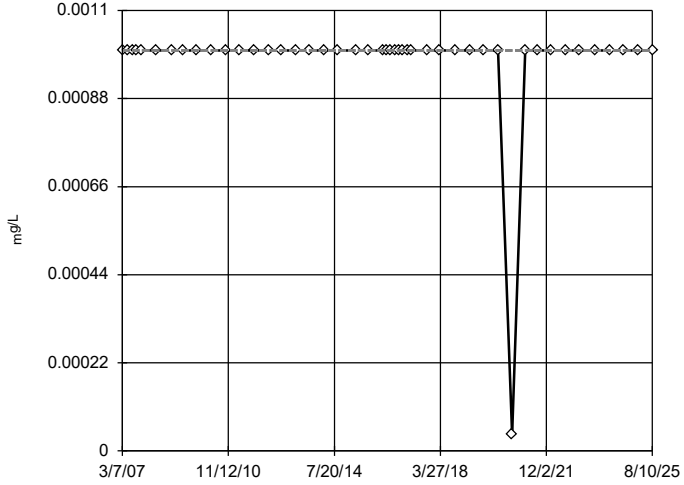
Tukey's Outlier Screening

GWC-18



n = 46

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 3/3/2026 10:20 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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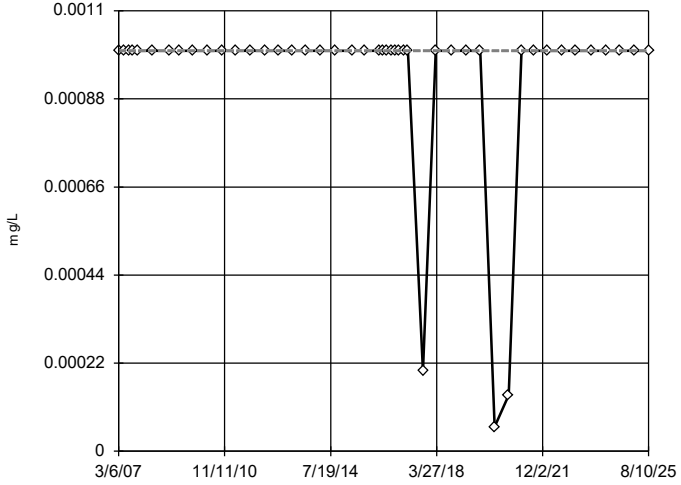
Tukey's Outlier Screening

GWC-19



n = 46

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 3/3/2026 10:20 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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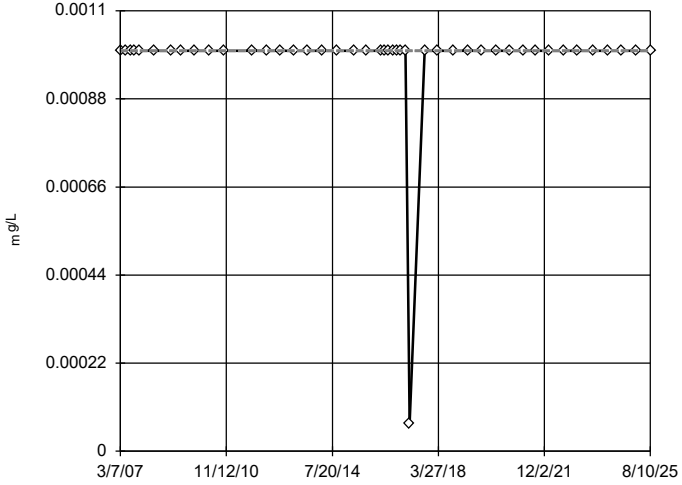
Tukey's Outlier Screening

GWC-20



n = 45

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 3/3/2026 10:20 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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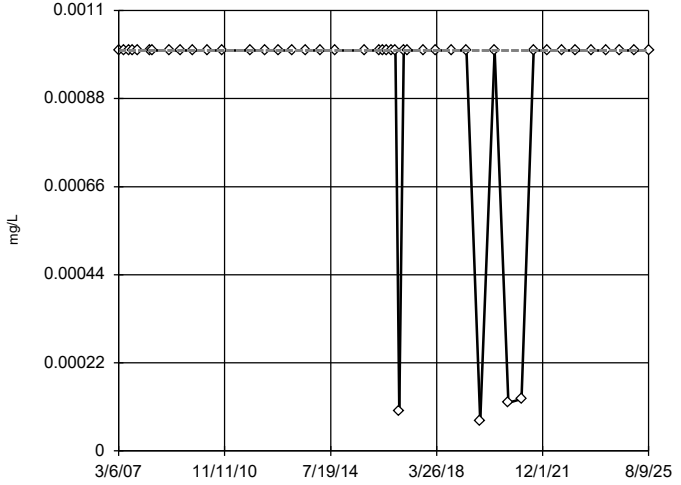
Tukey's Outlier Screening

GWC-21



n = 45

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 3/3/2026 10:20 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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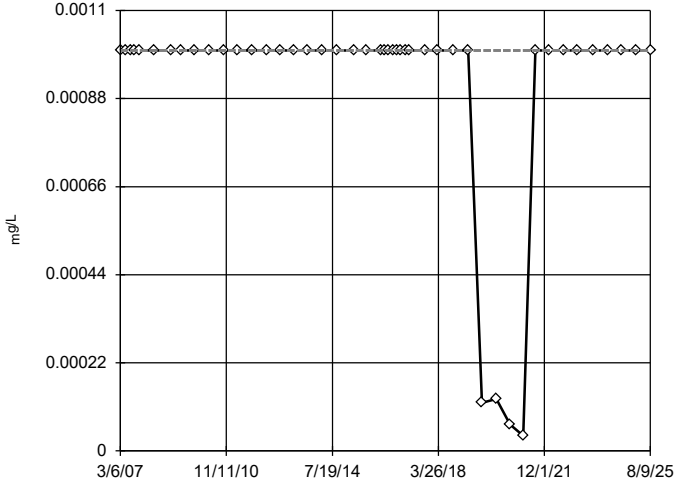
Tukey's Outlier Screening

GWC-22



n = 46

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 3/3/2026 10:20 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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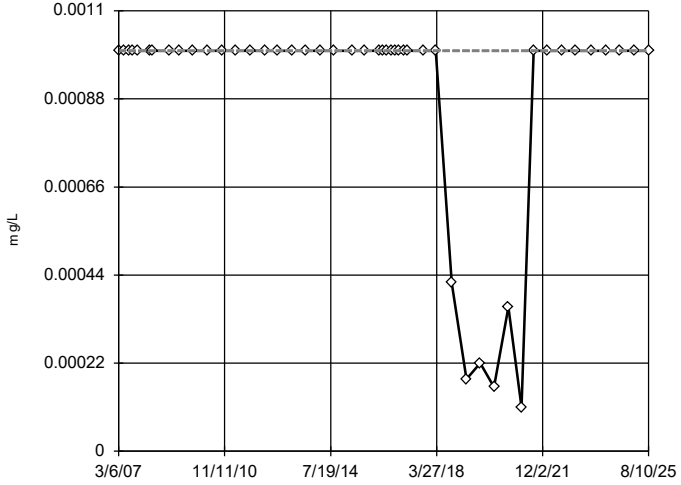
Tukey's Outlier Screening

GWC-23



n = 47

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 3/3/2026 10:20 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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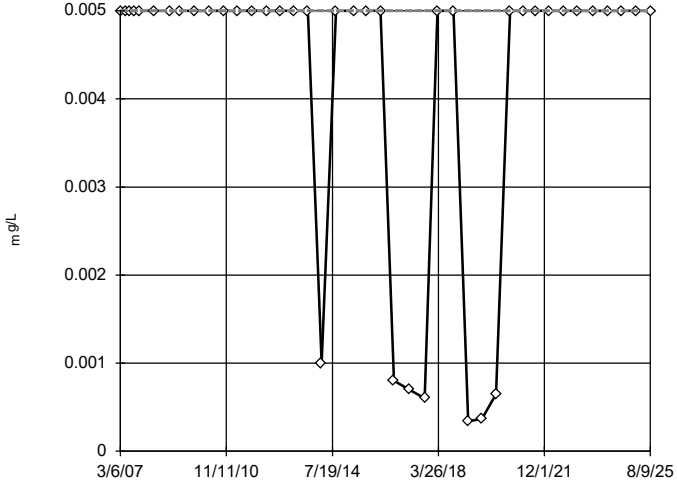
Tukey's Outlier Screening

GWA-1 (bg)



n = 41

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Nickel Analysis Run 3/3/2026 10:20 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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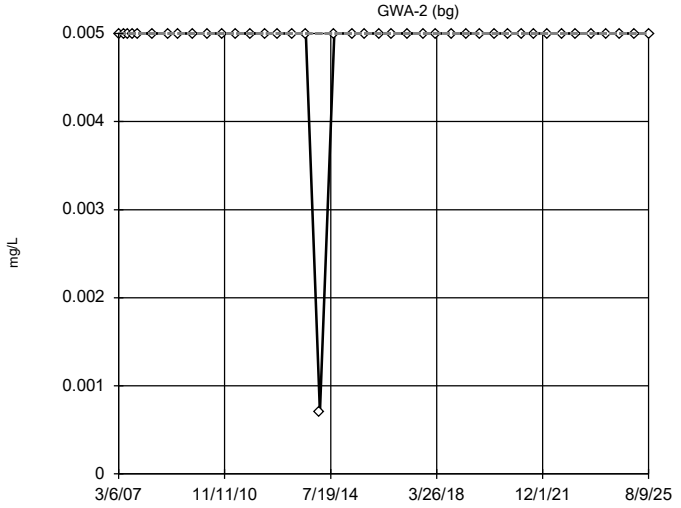
Tukey's Outlier Screening

GWA-2 (bg)



n = 41

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Nickel Analysis Run 3/3/2026 10:20 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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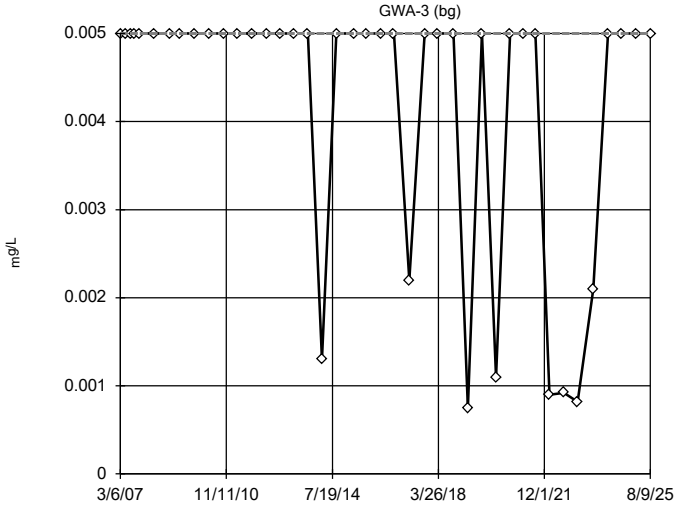
Tukey's Outlier Screening

GWA-3 (bg)



n = 41

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Nickel Analysis Run 3/3/2026 10:20 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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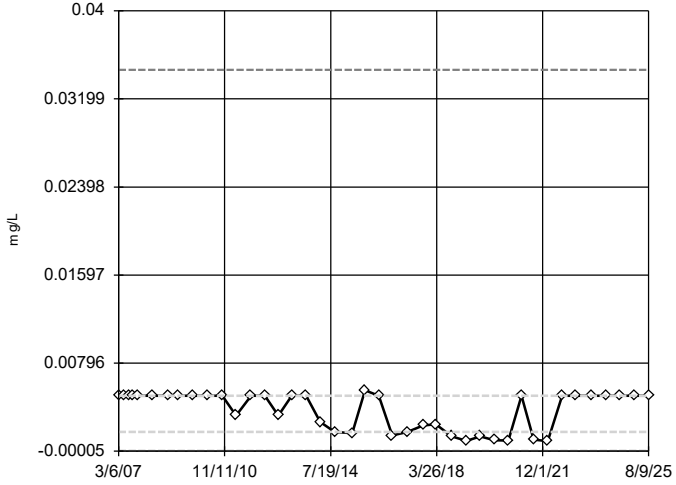
Tukey's Outlier Screening

GWA-4 (bg)



n = 41

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.03463, low cutoff = -0.00004512, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 3/3/2026 10:20 AM View: Descriptive

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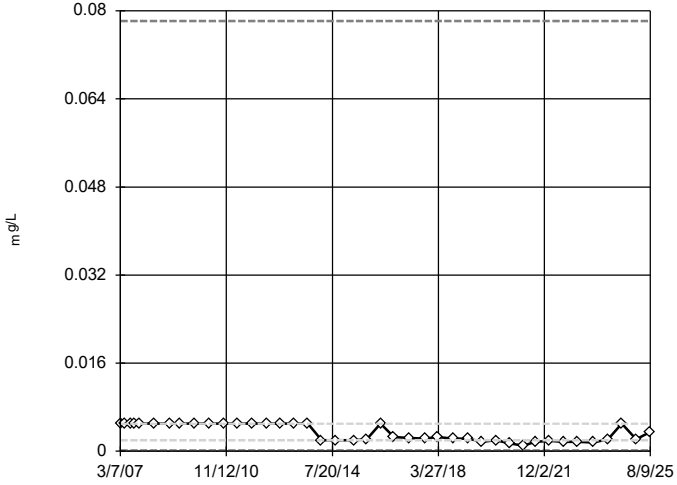
Tukey's Outlier Screening

GWA-11 (bg)



n = 41

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.07812, low cutoff = 0.000128, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 3/3/2026 10:20 AM View: Descriptive

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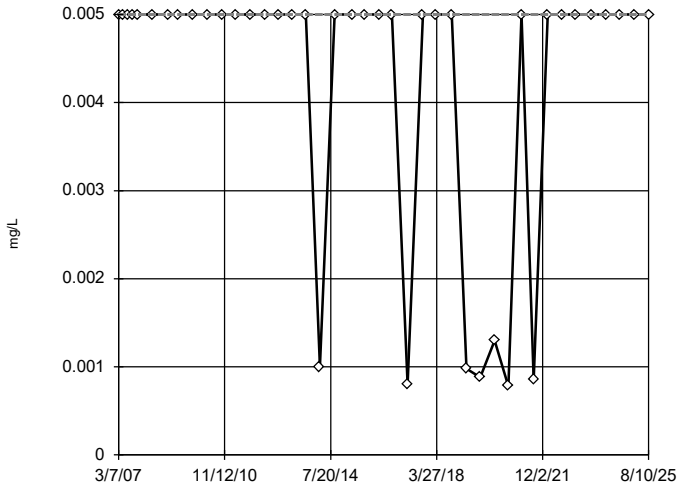
Tukey's Outlier Screening

GWC-5



n = 41

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Nickel Analysis Run 3/3/2026 10:20 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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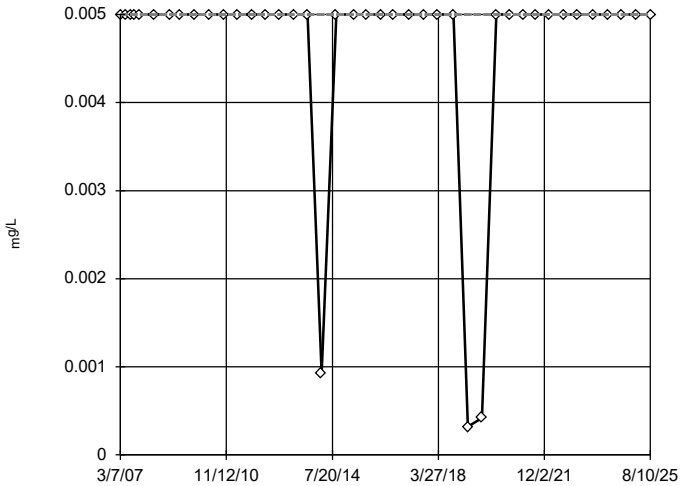
Tukey's Outlier Screening

GWC-6



n = 41

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Nickel Analysis Run 3/3/2026 10:20 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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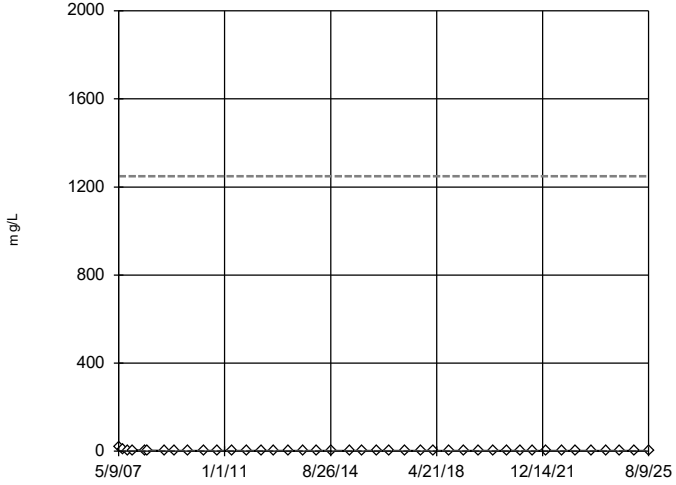
Tukey's Outlier Screening

GWC-7



n = 41

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 1249, low cutoff = 0.00004019, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 3/3/2026 10:20 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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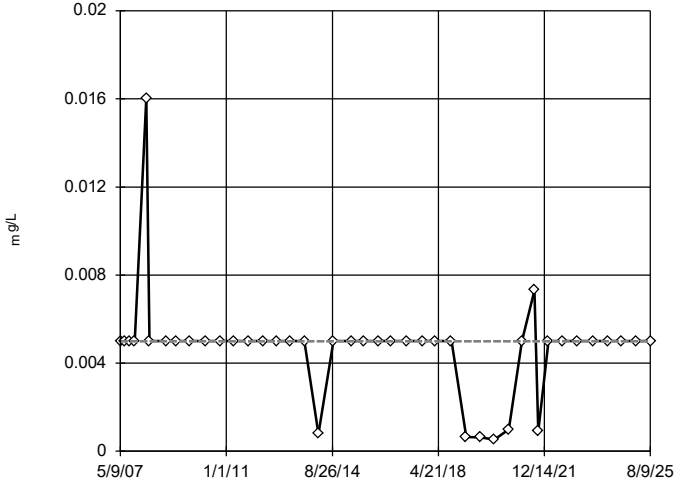
Tukey's Outlier Screening

GWC-8



n = 42

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Nickel Analysis Run 3/3/2026 10:20 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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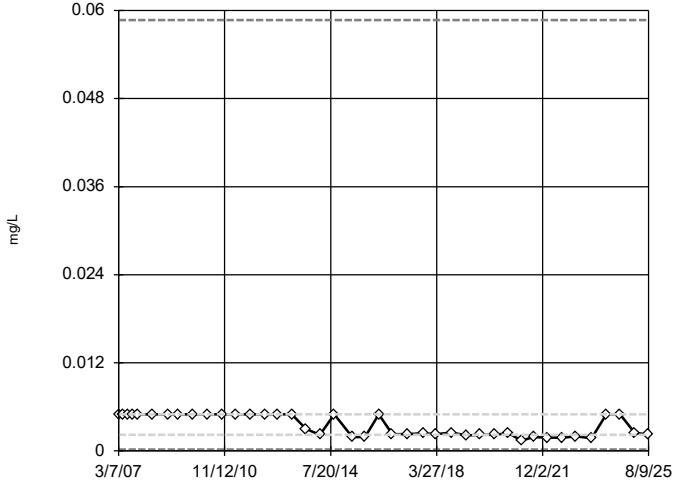
Tukey's Outlier Screening

GWC-9



n = 41

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.0587, low cutoff = 0.0001874, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 3/3/2026 10:20 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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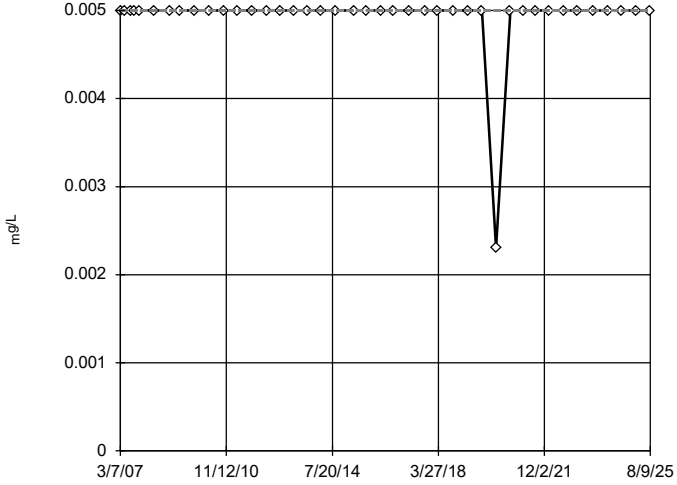
Tukey's Outlier Screening

GWC-10



n = 41

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Nickel Analysis Run 3/3/2026 10:20 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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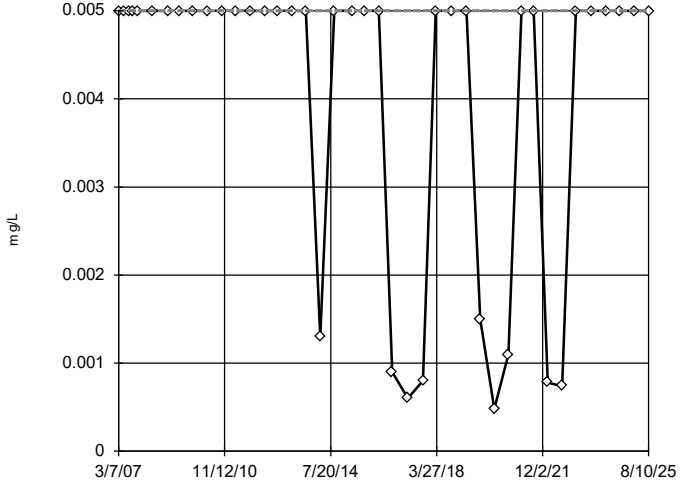
Tukey's Outlier Screening

GWC-18



n = 41

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Nickel Analysis Run 3/3/2026 10:20 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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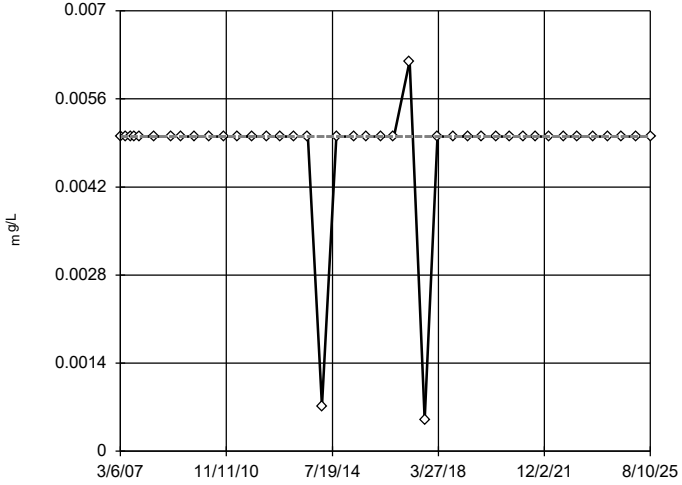
Tukey's Outlier Screening

GWC-19



n = 41

No outliers found. Tukey's method selected by user.

Data were x^4 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Nickel Analysis Run 3/3/2026 10:20 AM View: Descriptive

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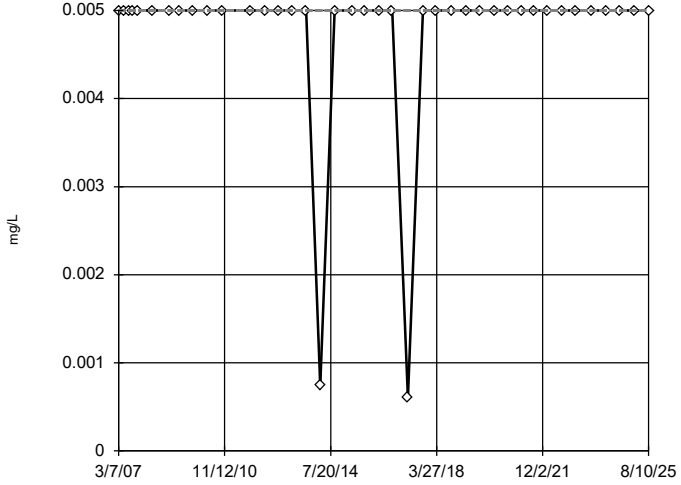
Tukey's Outlier Screening

GWC-20



n = 40

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Nickel Analysis Run 3/3/2026 10:20 AM View: Descriptive

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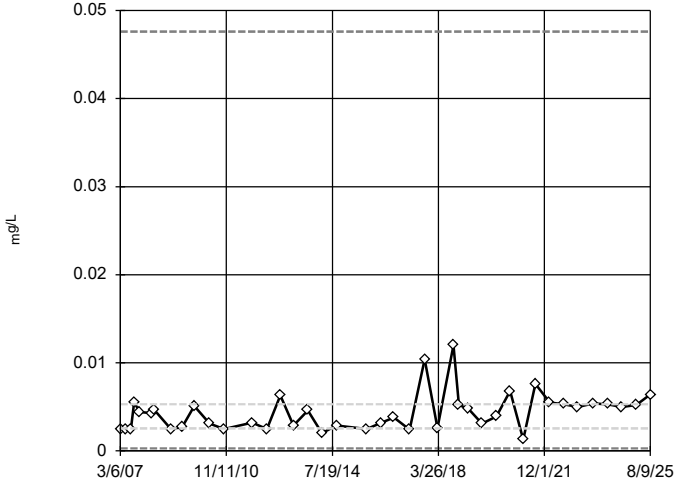
Tukey's Outlier Screening

GWC-21



n = 41

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.04761, low cutoff = 0.0002838, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 3/3/2026 10:20 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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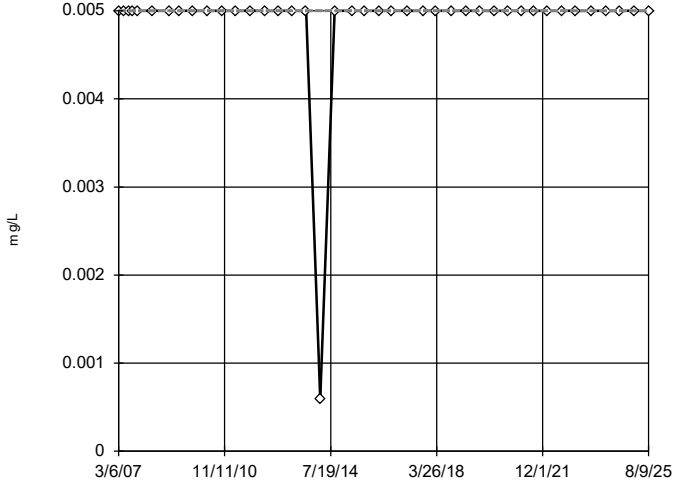
Tukey's Outlier Screening

GWC-22



n = 41

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Nickel Analysis Run 3/3/2026 10:20 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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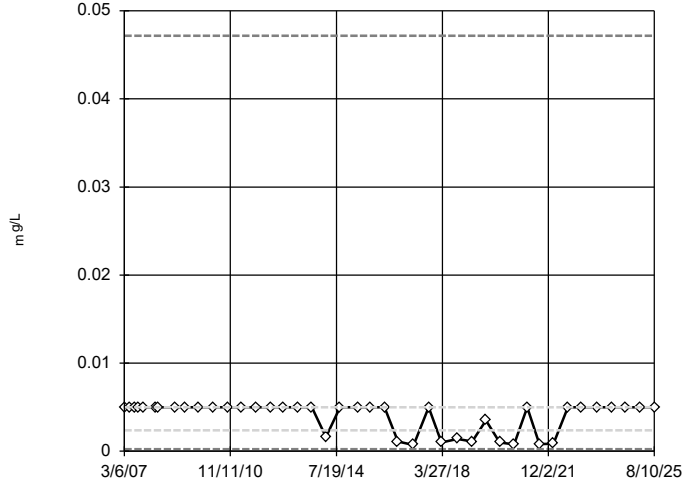
Tukey's Outlier Screening

GWC-23



n = 42

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.04716, low cutoff = 0.0002509, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 3/3/2026 10:20 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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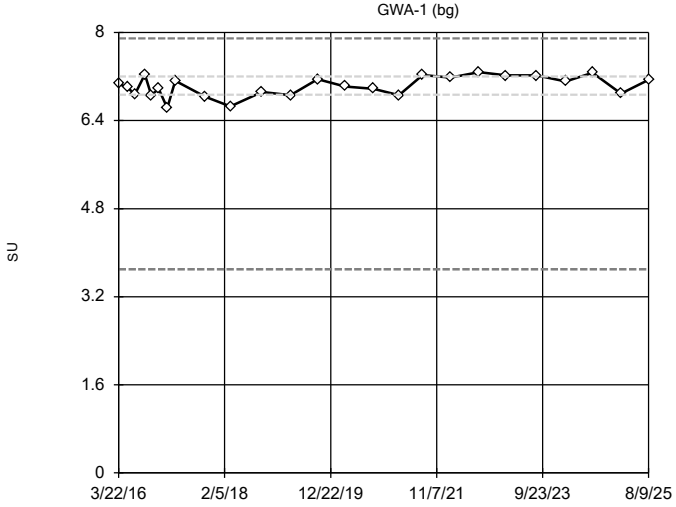
Tukey's Outlier Screening

GWA-1 (bg)



n = 25

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 7.894, low cutoff = 3.698, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 3/3/2026 10:20 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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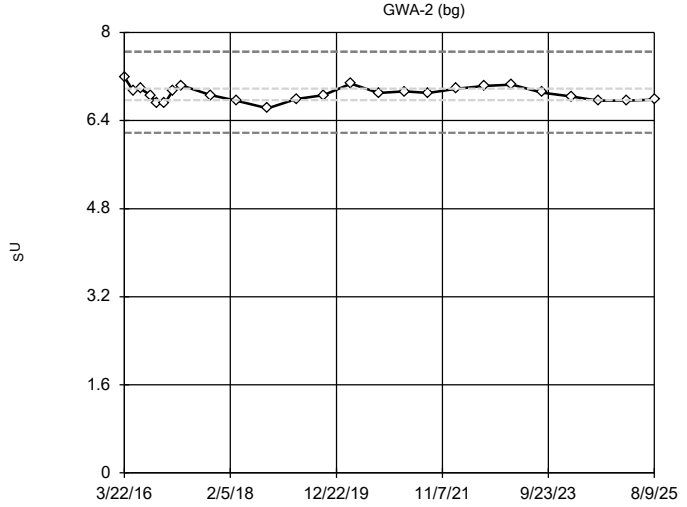
Tukey's Outlier Screening

GWA-2 (bg)



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 7.65, low cutoff = 6.177, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 3/3/2026 10:20 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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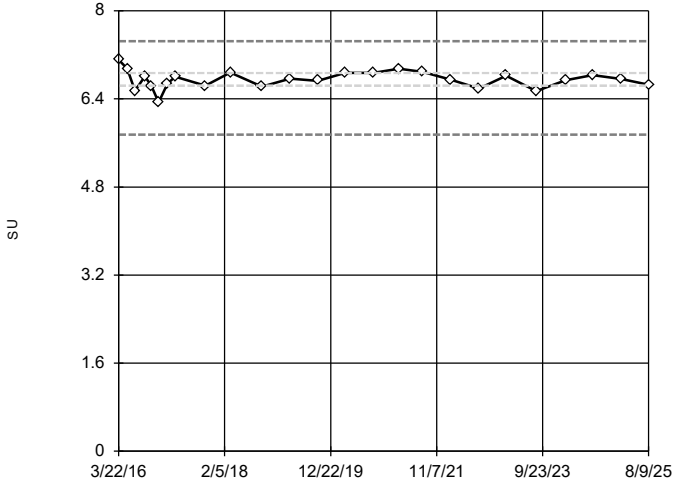
Tukey's Outlier Screening

GWA-3 (bg)



n = 25

No outliers found. Tukey's method selected by user.

Data were x^4 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 7.449, low cutoff = 5.75, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 3/3/2026 10:20 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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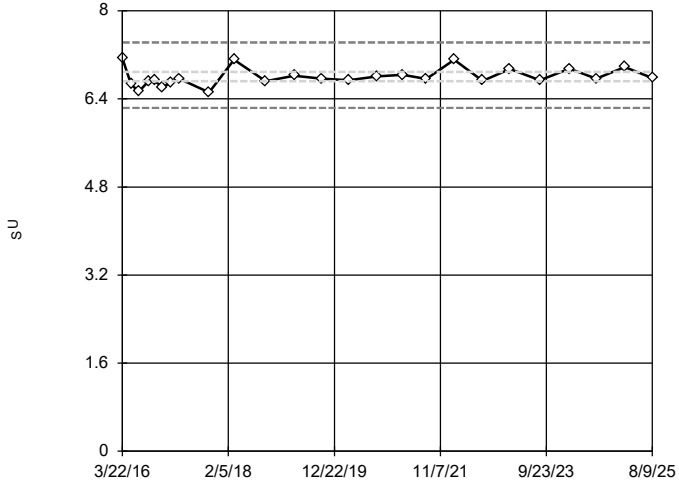
Tukey's Outlier Screening

GWA-4 (bg)



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 7.425, low cutoff = 6.235, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 3/3/2026 10:20 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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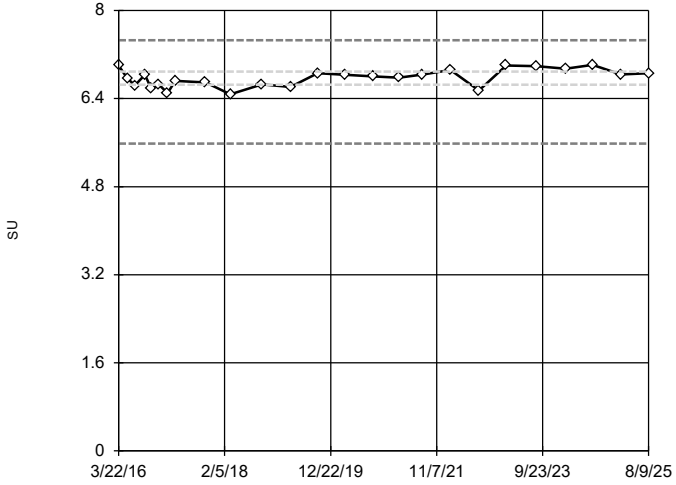
Tukey's Outlier Screening

GWA-11 (bg)



n = 25

No outliers found. Tukey's method selected by user.

Data were x^5 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 7.46, low cutoff = 5.584, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 3/3/2026 10:20 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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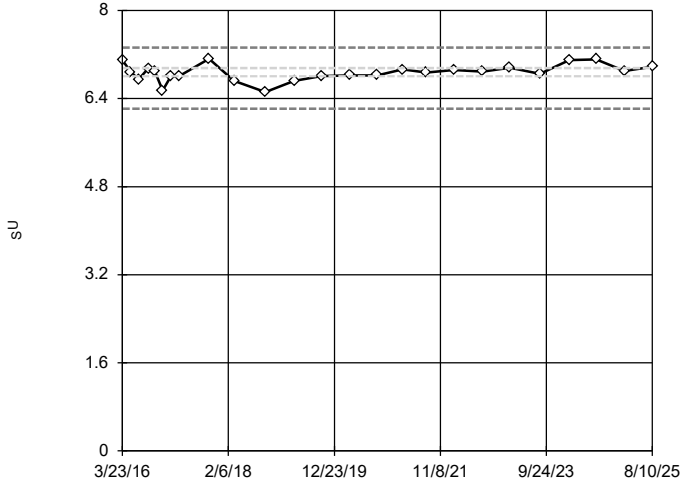
Tukey's Outlier Screening

GWC-5



n = 25

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 7.328, low cutoff = 6.216, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 3/3/2026 10:20 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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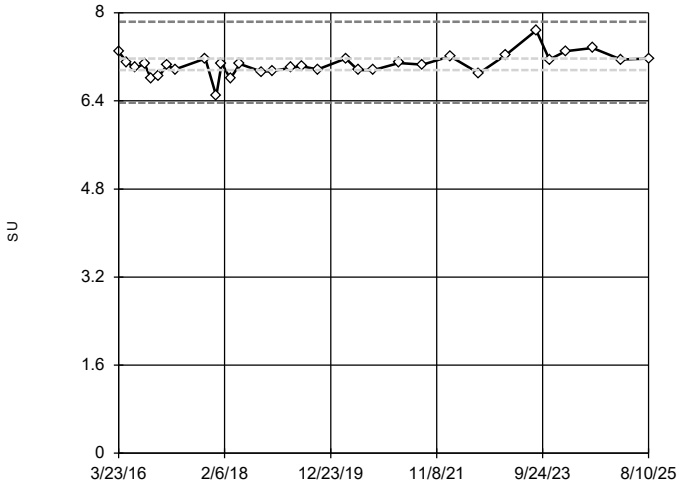
Tukey's Outlier Screening

GWC-6



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 7.839, low cutoff = 6.366, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 3/3/2026 10:20 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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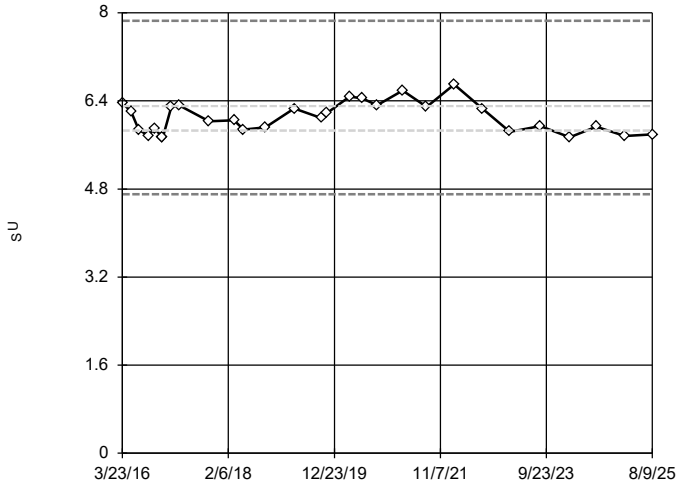
Tukey's Outlier Screening

GWC-7



n = 29

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 7.853, low cutoff = 4.705, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 3/3/2026 10:20 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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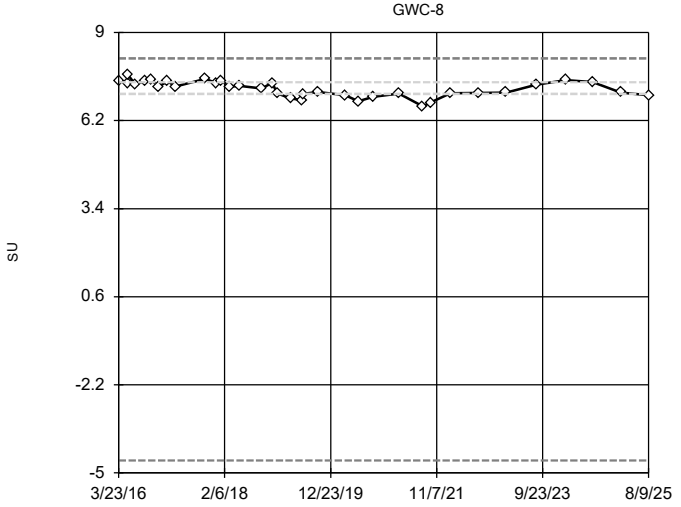
Tukey's Outlier Screening

GWC-8



n = 35

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 8.178, low cutoff = -4.605, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 3/3/2026 10:20 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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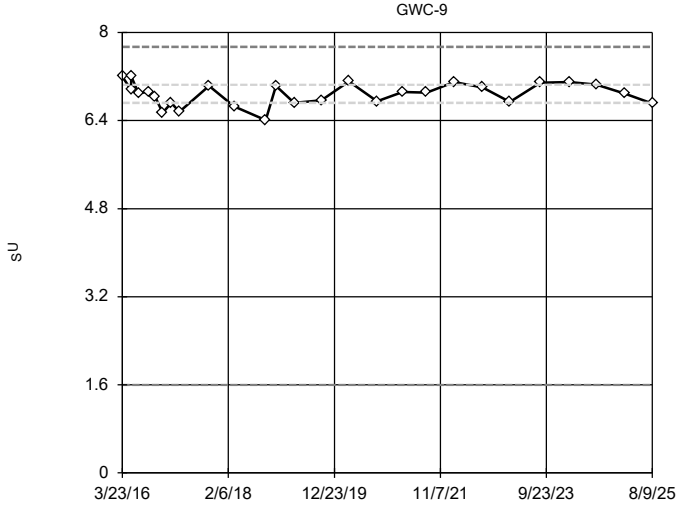
Tukey's Outlier Screening

GWC-9



n = 27

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 7.739, low cutoff = 1.599, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 3/3/2026 10:20 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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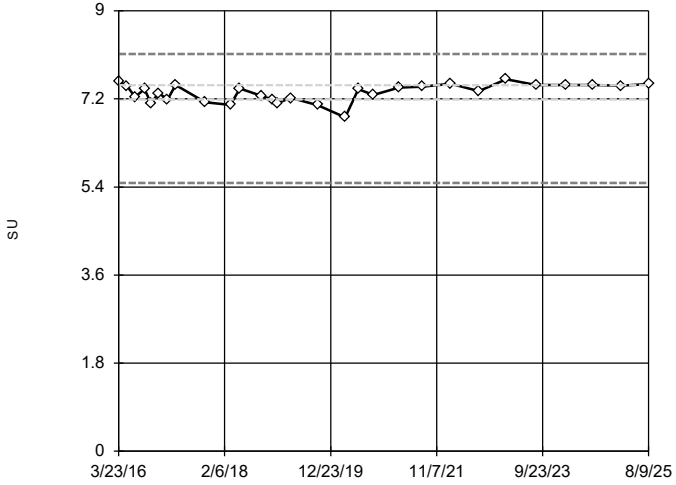
Tukey's Outlier Screening

GWC-10



n = 29

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 8.118, low cutoff = 5.483, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 3/3/2026 10:20 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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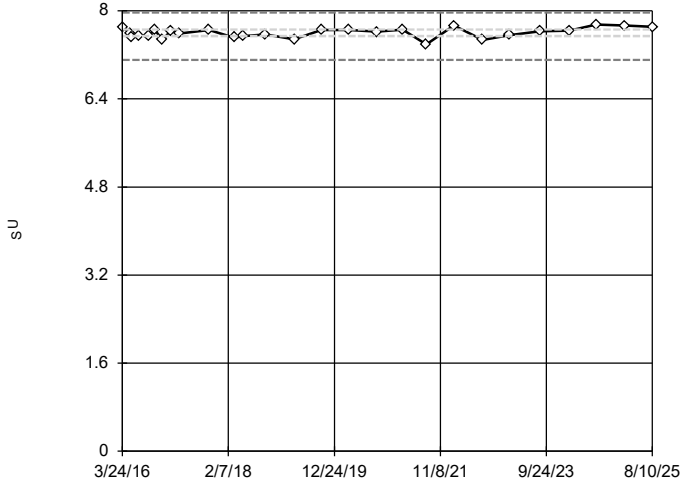
Tukey's Outlier Screening

GWC-18



n = 27

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 7.973, low cutoff = 7.108, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 3/3/2026 10:20 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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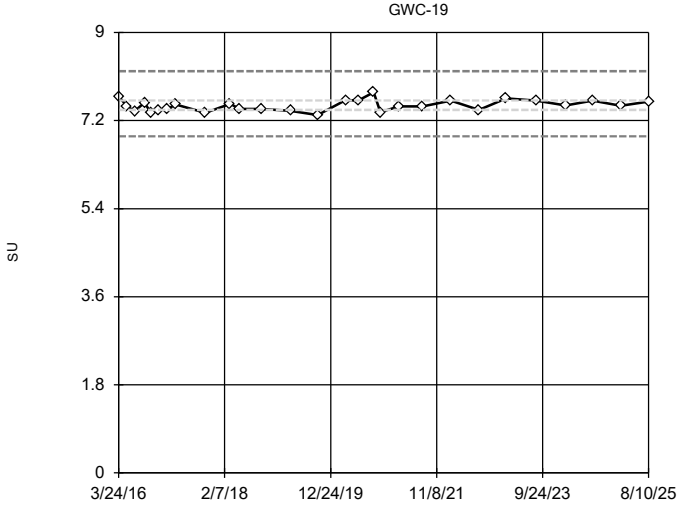
Tukey's Outlier Screening

GWC-19



n = 28

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 8.21, low cutoff = 6.878, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 3/3/2026 10:20 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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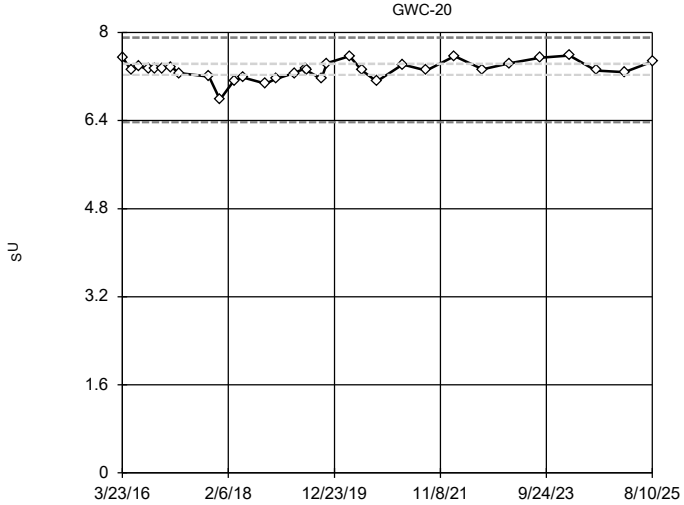
Tukey's Outlier Screening

GWC-20



n = 32

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 7.907, low cutoff = 6.369, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 3/3/2026 10:20 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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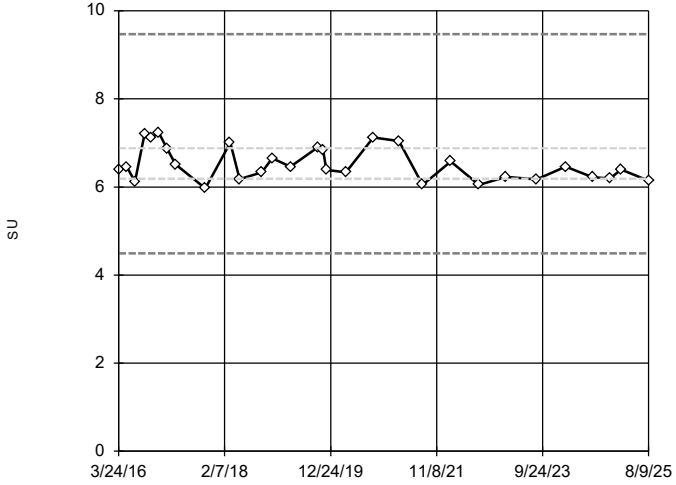
Tukey's Outlier Screening

GWC-21



n = 30

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 9.47, low cutoff = 4.494, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 3/3/2026 10:20 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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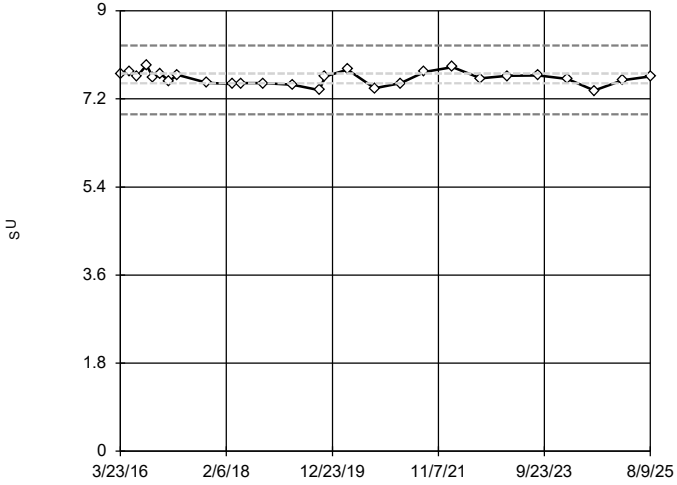
Tukey's Outlier Screening

GWC-22



n = 27

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 8.291, low cutoff = 6.885, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 3/3/2026 10:20 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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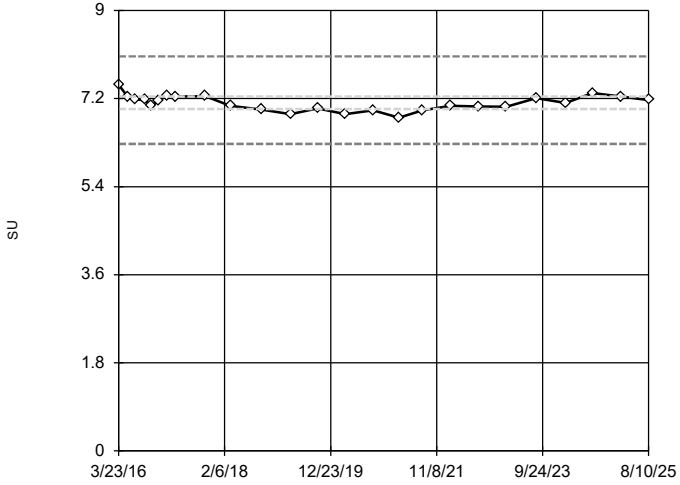
Tukey's Outlier Screening

GWC-23



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 8.062, low cutoff = 6.273, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 3/3/2026 10:20 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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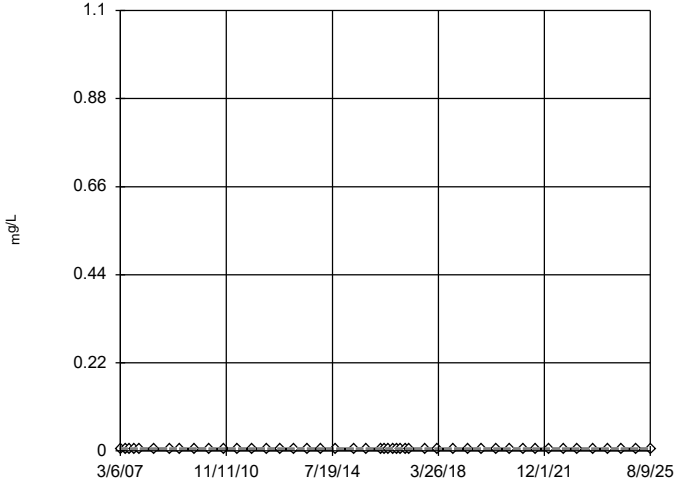
Tukey's Outlier Screening

GWA-1 (bg)



n = 46

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Selenium Analysis Run 3/3/2026 10:20 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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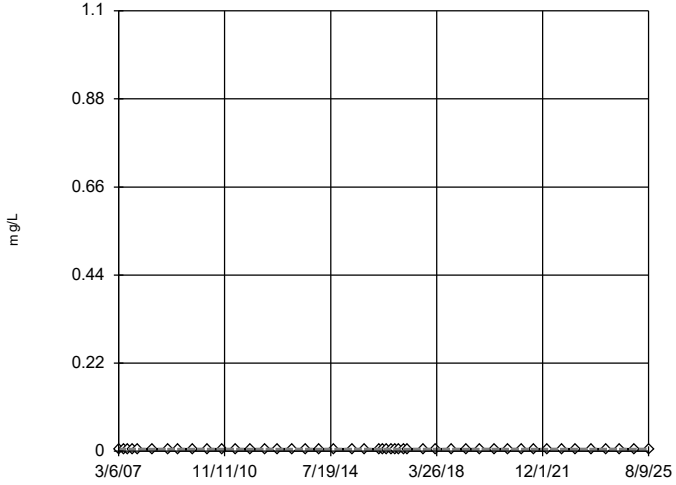
Tukey's Outlier Screening

GWA-2 (bg)



n = 46

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Selenium Analysis Run 3/3/2026 10:20 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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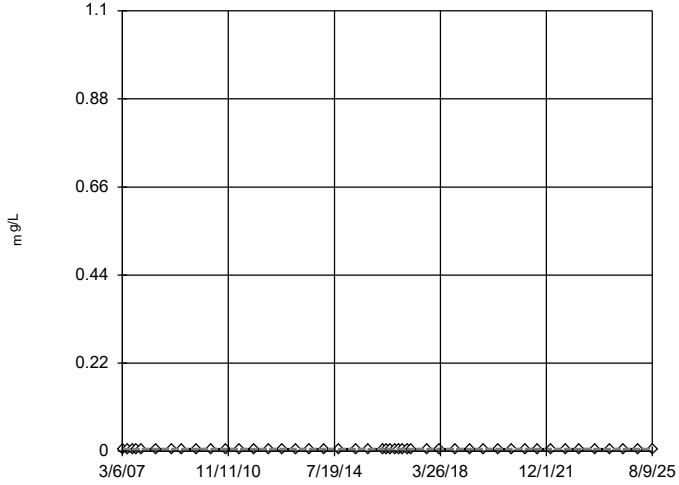
Tukey's Outlier Screening

GWA-3 (bg)



n = 46

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Selenium Analysis Run 3/3/2026 10:20 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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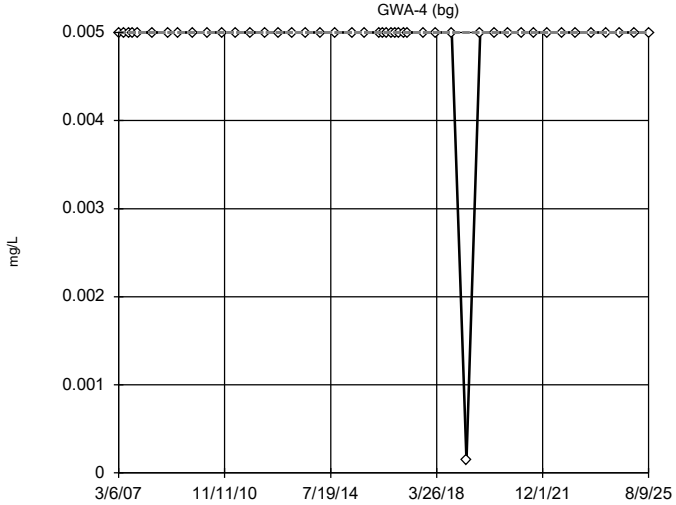
Tukey's Outlier Screening

GWA-4 (bg)



n = 46

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 3/3/2026 10:20 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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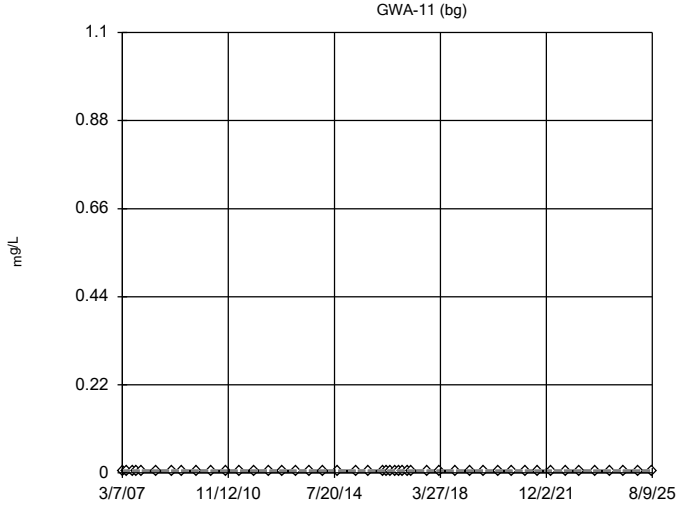
Tukey's Outlier Screening

GWA-11 (bg)



n = 46

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Selenium Analysis Run 3/3/2026 10:20 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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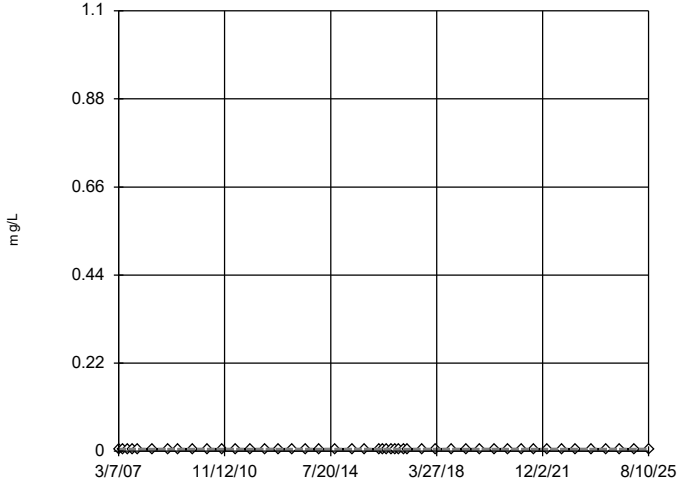
Tukey's Outlier Screening

GWC-5



n = 46

No outliers found.
Tukey's method select-
ed by user.

All values are the same.

Constituent: Selenium Analysis Run 3/3/2026 10:21 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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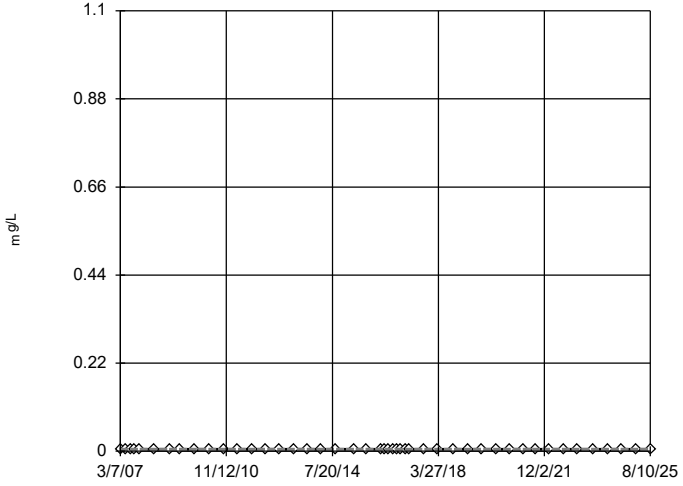
Tukey's Outlier Screening

GWC-6



n = 46

No outliers found.
Tukey's method select-
ed by user.

All values are the same.

Constituent: Selenium Analysis Run 3/3/2026 10:21 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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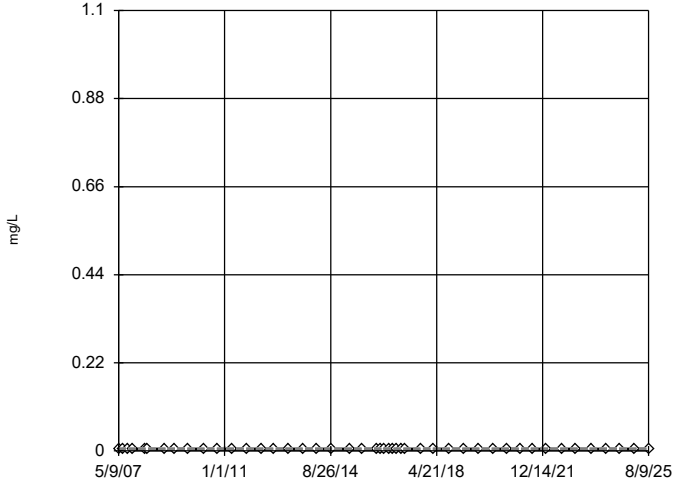
Tukey's Outlier Screening

GWC-7



n = 46

No outliers found.
Tukey's method select-
ed by user.

All values are the same.

Constituent: Selenium Analysis Run 3/3/2026 10:21 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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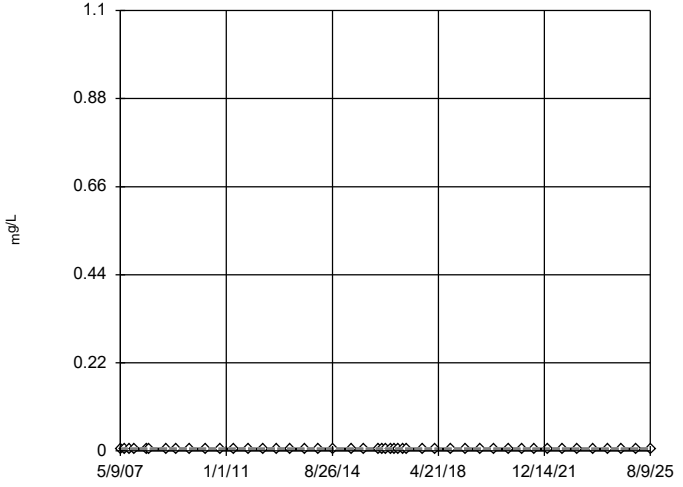
Tukey's Outlier Screening

GWC-8



n = 46

No outliers found.
Tukey's method select-
ed by user.

All values are the same.

Constituent: Selenium Analysis Run 3/3/2026 10:21 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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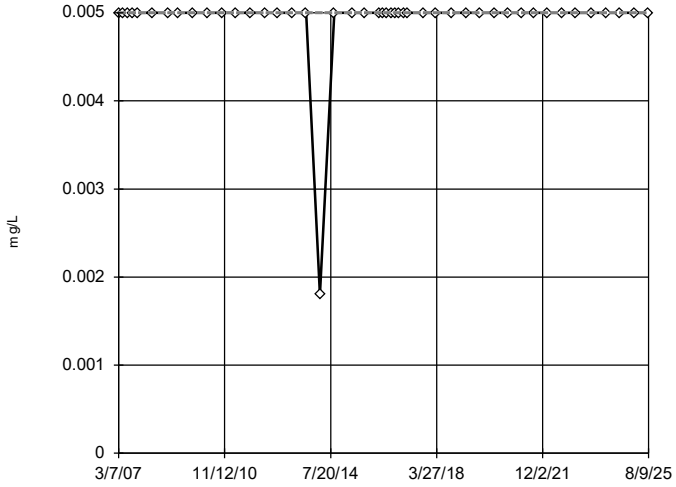
Tukey's Outlier Screening

GWC-9



n = 46

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 3/3/2026 10:21 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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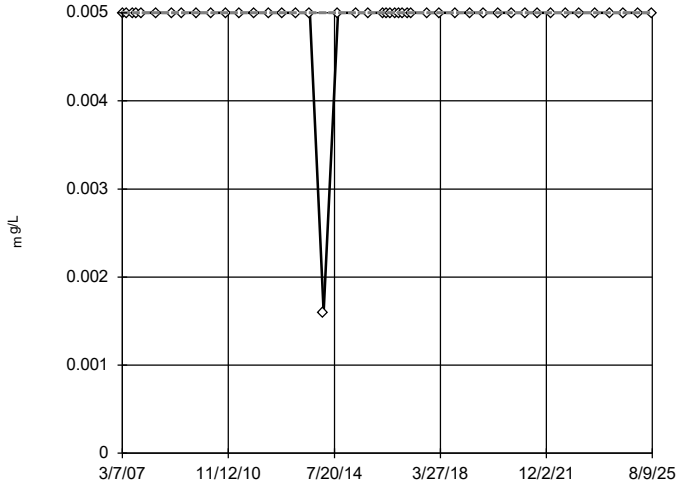
Tukey's Outlier Screening

GWC-10



n = 46

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 3/3/2026 10:21 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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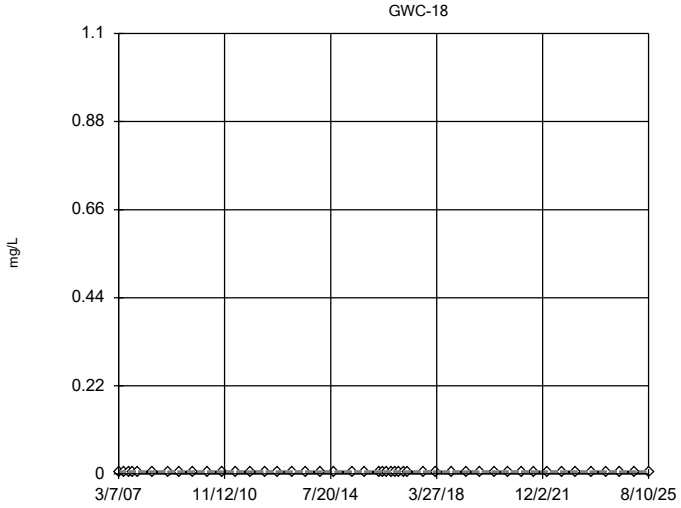
Tukey's Outlier Screening

GWC-18



n = 46

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Selenium Analysis Run 3/3/2026 10:21 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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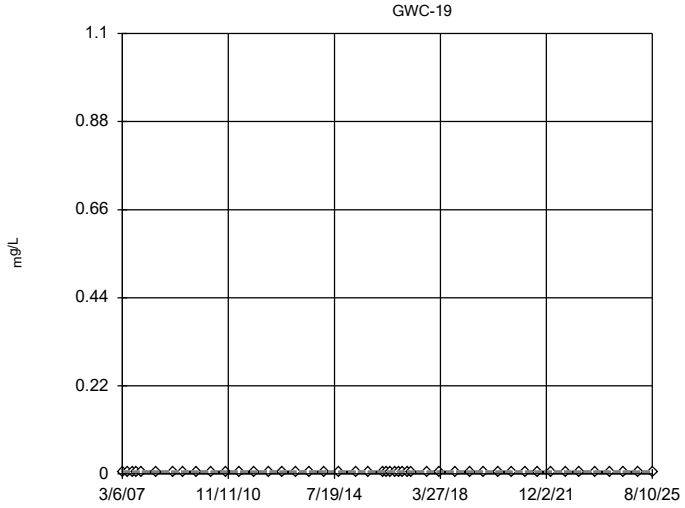
Tukey's Outlier Screening

GWC-19



n = 46

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Selenium Analysis Run 3/3/2026 10:21 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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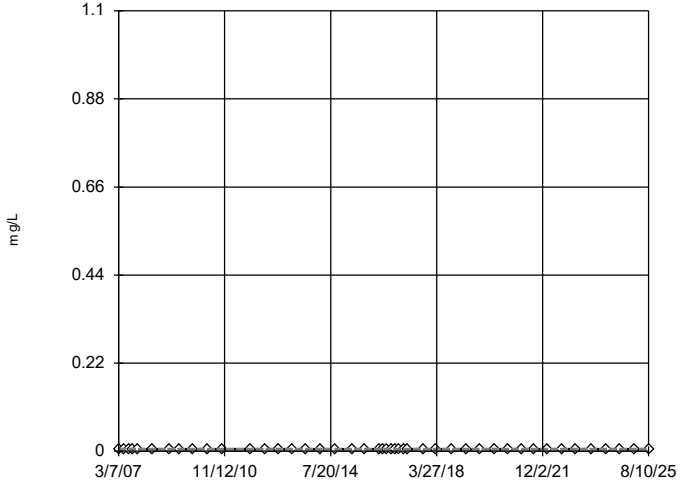
Tukey's Outlier Screening

GWC-20



n = 45

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Selenium Analysis Run 3/3/2026 10:21 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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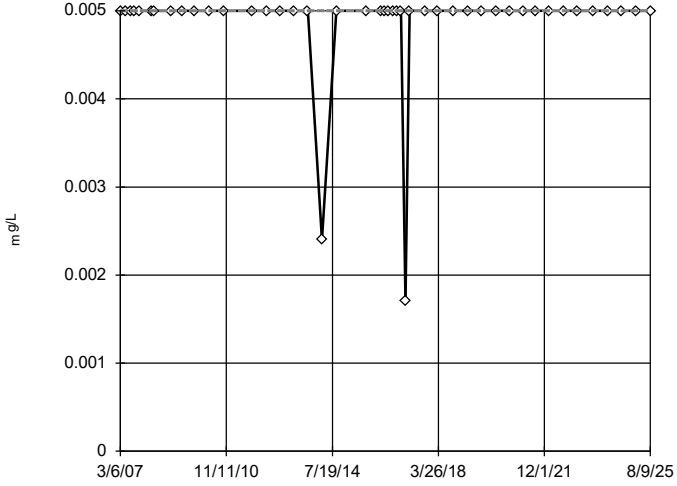
Tukey's Outlier Screening

GWC-21



n = 45

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 3/3/2026 10:21 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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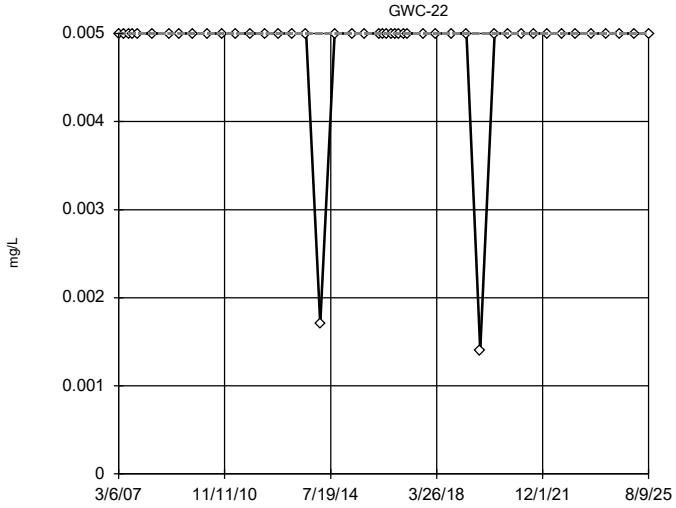
Tukey's Outlier Screening

GWC-22



n = 46

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 3/3/2026 10:21 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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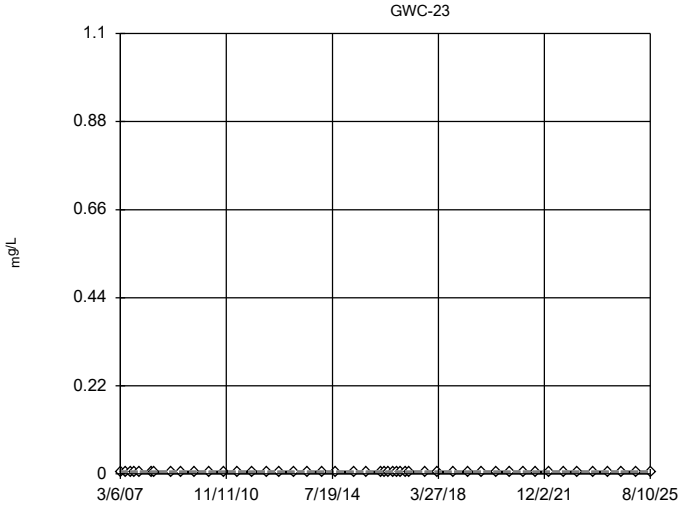
Tukey's Outlier Screening

GWC-23



n = 47

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Selenium Analysis Run 3/3/2026 10:21 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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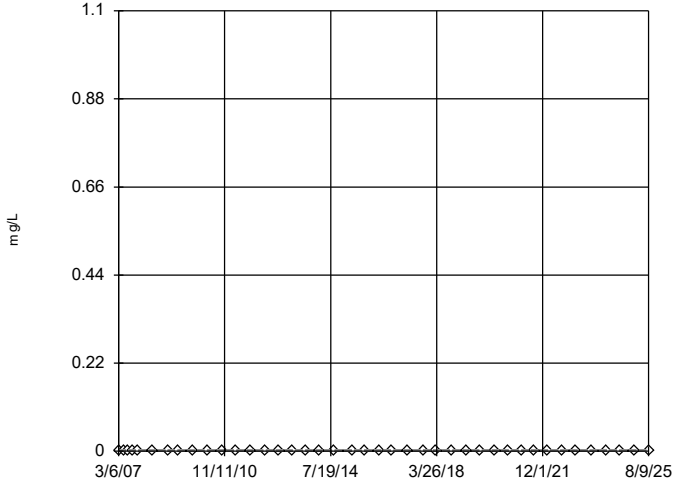
Tukey's Outlier Screening

GWA-1 (bg)



n = 41

No outliers found.
Tukey's method select-
ed by user.

All values are the same.

Constituent: Silver Analysis Run 3/3/2026 10:21 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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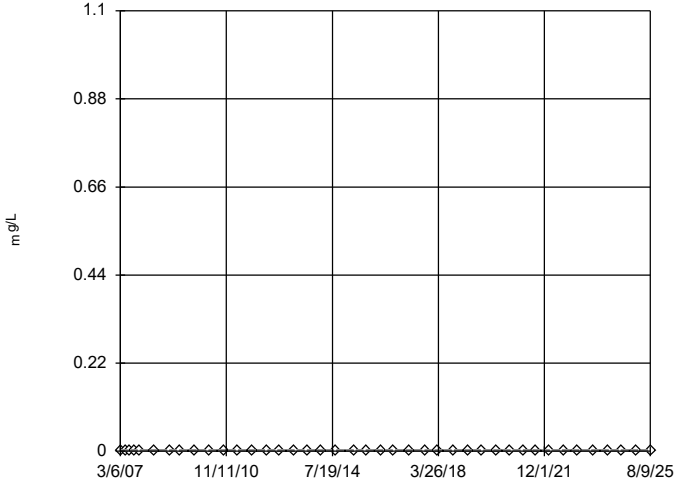
Tukey's Outlier Screening

GWA-2 (bg)



n = 41

No outliers found.
Tukey's method select-
ed by user.

All values are the same.

Constituent: Silver Analysis Run 3/3/2026 10:21 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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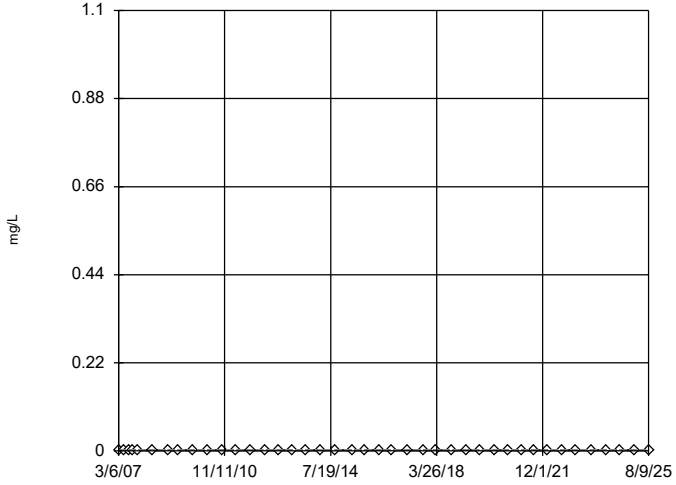
Tukey's Outlier Screening

GWA-3 (bg)



n = 41

No outliers found.
Tukey's method select-
ed by user.

All values are the same.

Constituent: Silver Analysis Run 3/3/2026 10:21 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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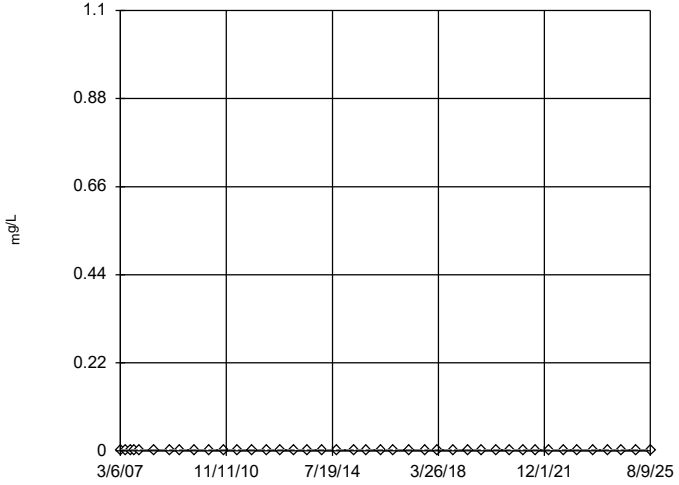
Tukey's Outlier Screening

GWA-4 (bg)



n = 41

No outliers found.
Tukey's method select-
ed by user.

All values are the same.

Constituent: Silver Analysis Run 3/3/2026 10:21 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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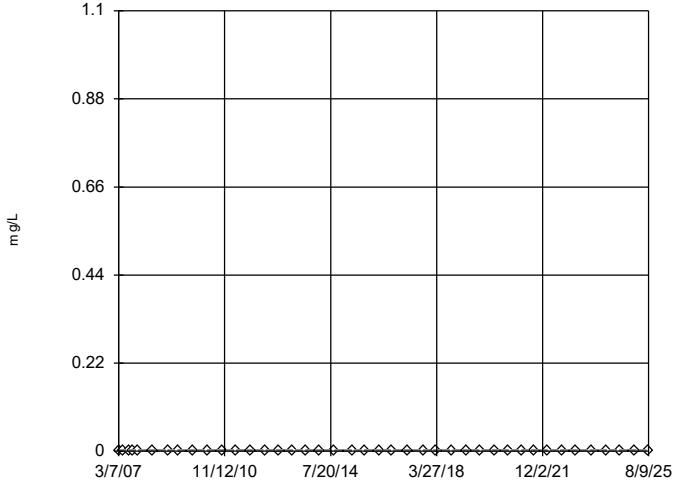
Tukey's Outlier Screening

GWA-11 (bg)



n = 41

No outliers found.
Tukey's method select-
ed by user.

All values are the same.

Constituent: Silver Analysis Run 3/3/2026 10:21 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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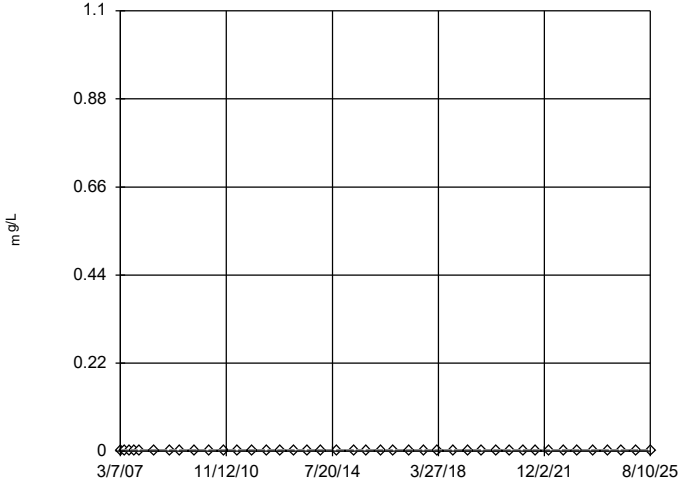
Tukey's Outlier Screening

GWC-5



n = 41

No outliers found.
Tukey's method select-
ed by user.

All values are the same.

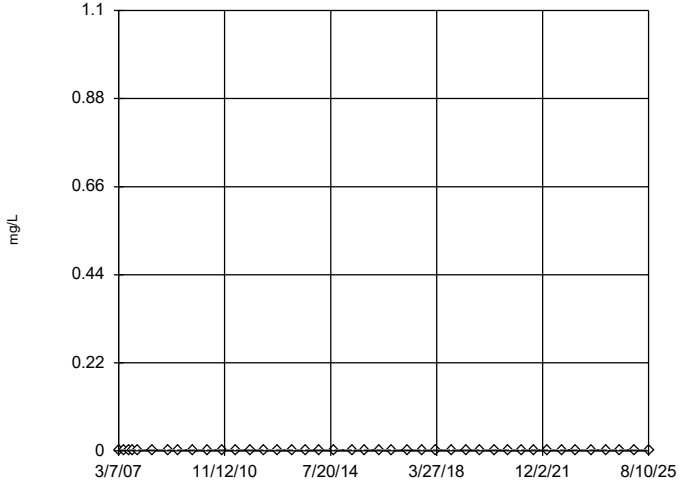
Constituent: Silver Analysis Run 3/3/2026 10:21 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.04 Software licensed to Groundwater Stats Consulting. UG

Tukey's Outlier Screening

GWC-6



n = 41

No outliers found.
Tukey's method select-
ed by user.

All values are the same.

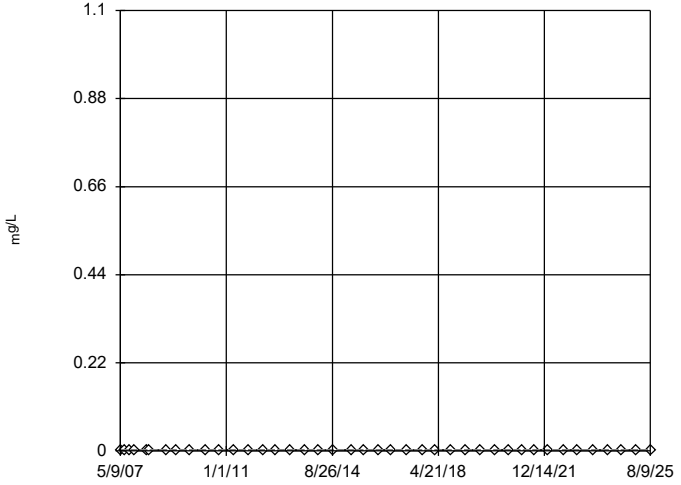
Constituent: Silver Analysis Run 3/3/2026 10:21 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.04 Software licensed to Groundwater Stats Consulting. UG

Tukey's Outlier Screening

GWC-7



n = 41

No outliers found.
Tukey's method select-
ed by user.

All values are the same.

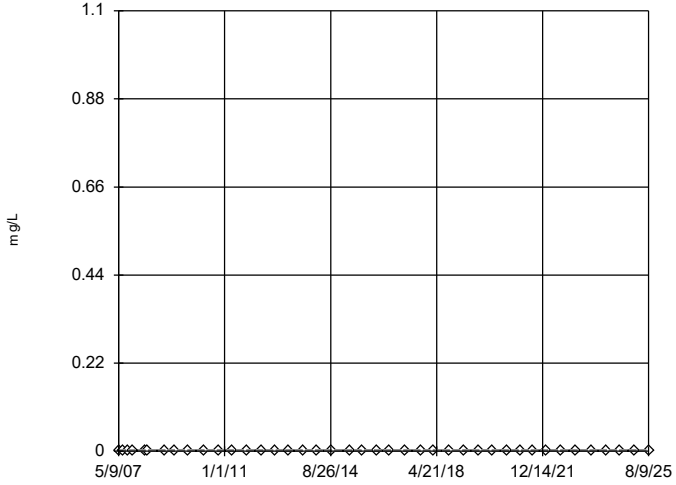
Constituent: Silver Analysis Run 3/3/2026 10:21 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.04 Software licensed to Groundwater Stats Consulting. UG

Tukey's Outlier Screening

GWC-8



n = 41

No outliers found.
Tukey's method select-
ed by user.

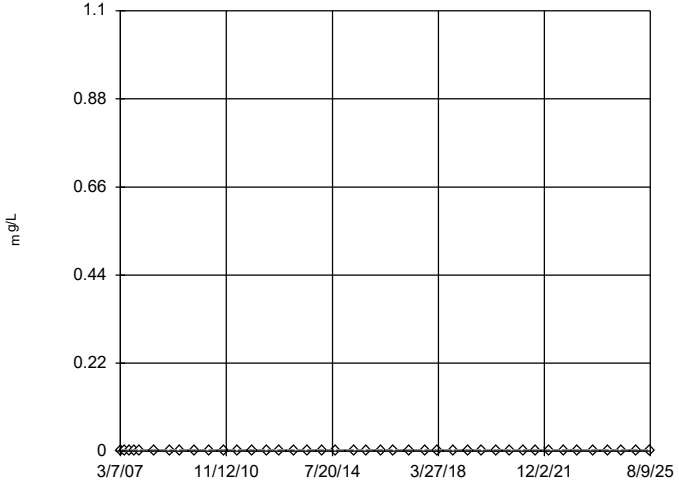
All values are the same.

Constituent: Silver Analysis Run 3/3/2026 10:21 AM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.04 Software licensed to Groundwater Stats Consulting. UG

Tukey's Outlier Screening

GWC-9



n = 41

No outliers found.
Tukey's method select-
ed by user.

All values are the same.

Constituent: Silver Analysis Run 3/3/2026 10:21 AM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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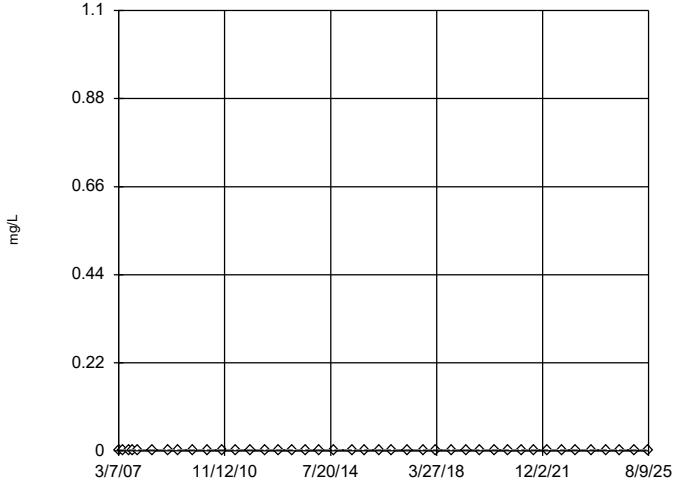
Tukey's Outlier Screening

GWC-10



n = 41

No outliers found.
Tukey's method select-
ed by user.

All values are the same.

Constituent: Silver Analysis Run 3/3/2026 10:21 AM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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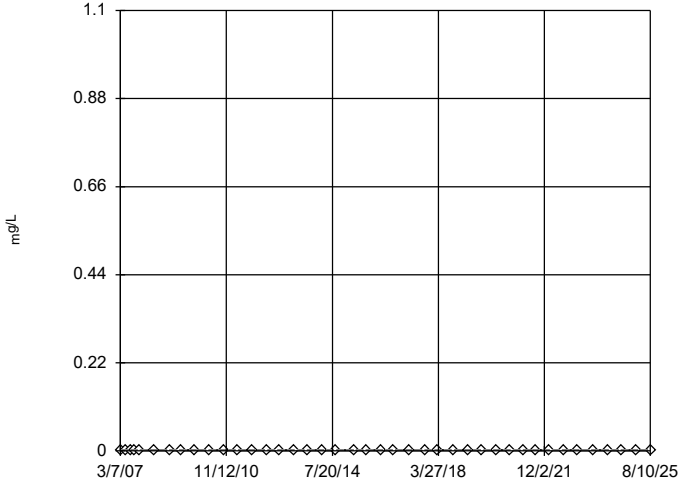
Tukey's Outlier Screening

GWC-18



n = 41

No outliers found.
Tukey's method select-
ed by user.

All values are the same.

Constituent: Silver Analysis Run 3/3/2026 10:21 AM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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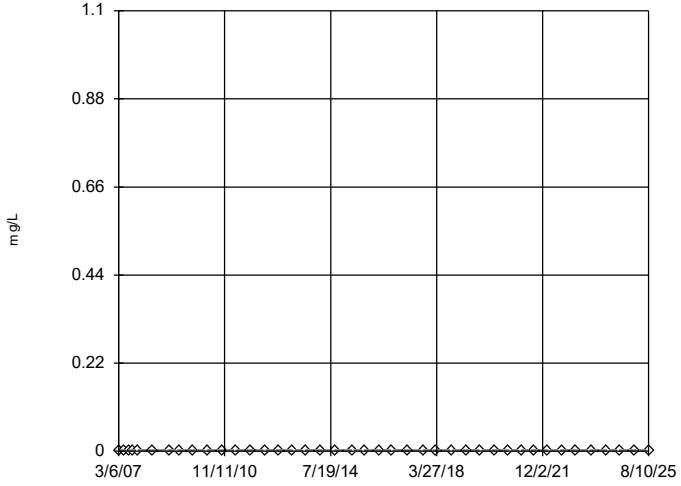
Tukey's Outlier Screening

GWC-19



n = 41

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Silver Analysis Run 3/3/2026 10:21 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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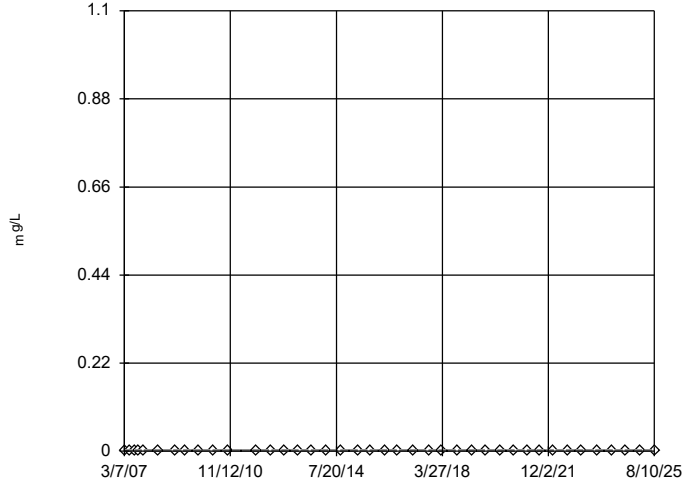
Tukey's Outlier Screening

GWC-20



n = 40

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Silver Analysis Run 3/3/2026 10:21 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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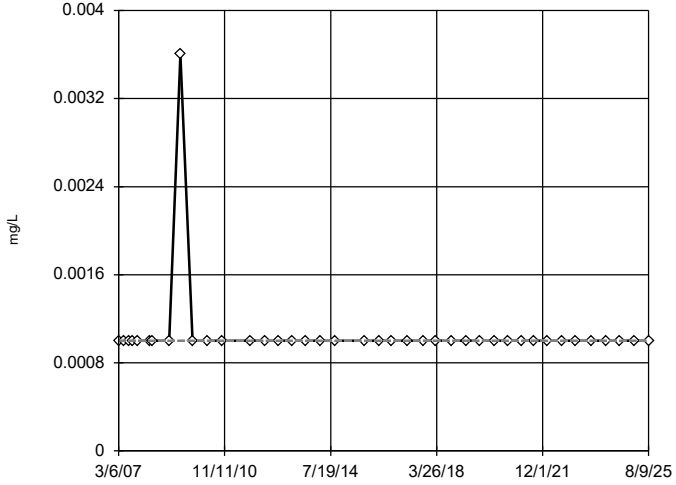
Tukey's Outlier Screening

GWC-21



n = 40

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Silver Analysis Run 3/3/2026 10:21 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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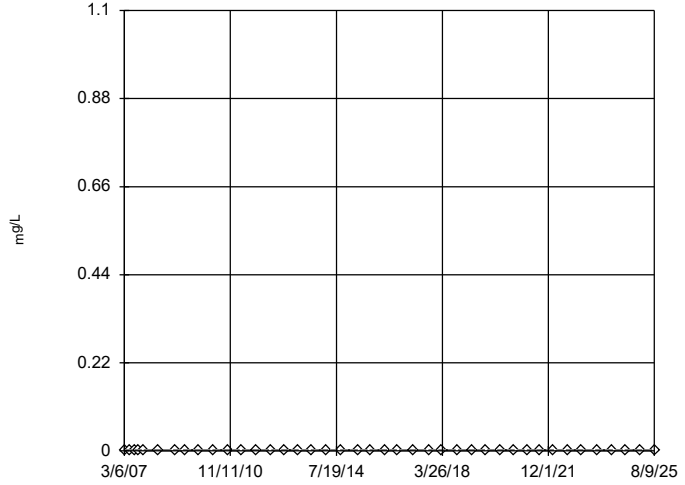
Tukey's Outlier Screening

GWC-22



n = 41

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Silver Analysis Run 3/3/2026 10:21 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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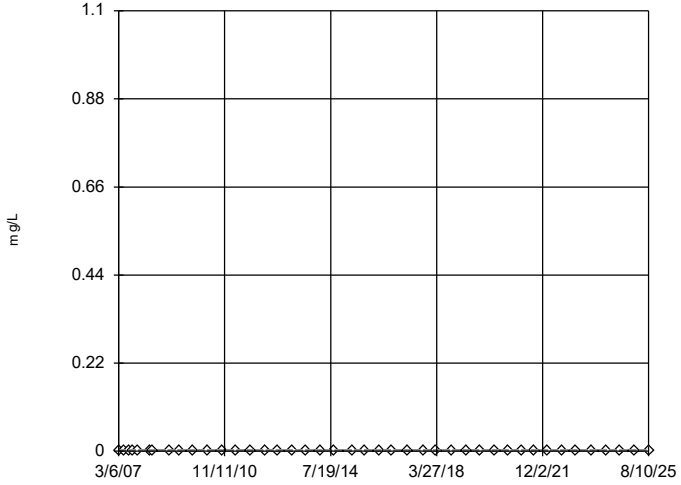
Tukey's Outlier Screening

GWC-23



n = 42

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Silver Analysis Run 3/3/2026 10:21 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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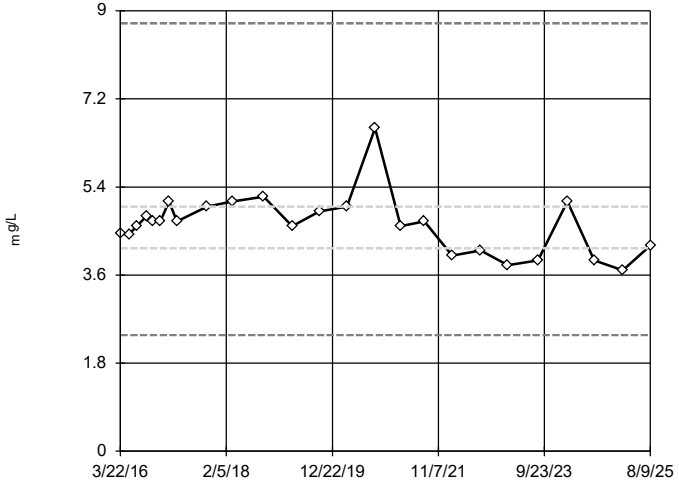
Tukey's Outlier Screening

GWA-1 (bg)



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 8.746, low cutoff = 2.372, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 3/3/2026 10:21 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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Tukey's Outlier Screening

GWA-2 (bg)

n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 86.58, low cutoff = 4.028, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 3/3/2026 10:21 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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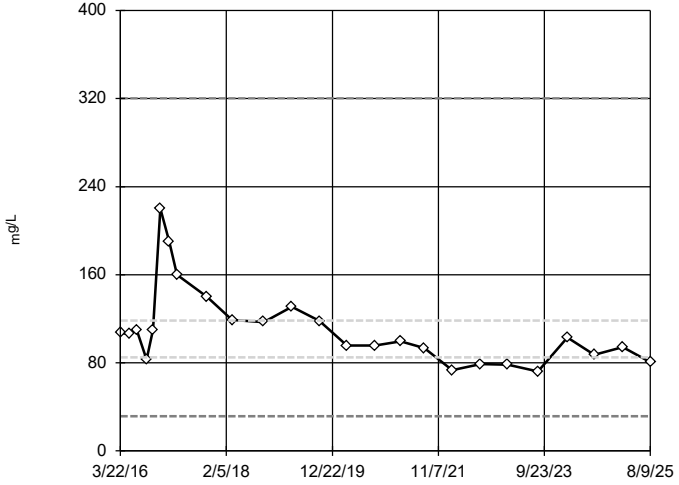
Tukey's Outlier Screening

GWA-3 (bg)



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 320.2, low cutoff = 31.48, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 3/3/2026 10:21 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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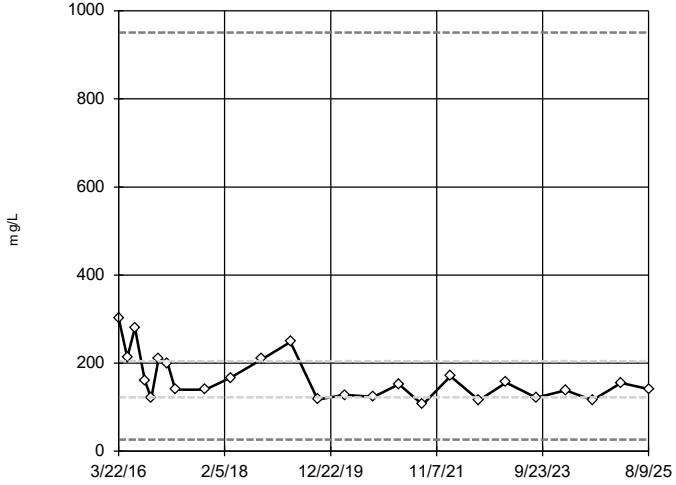
Tukey's Outlier Screening

GWA-4 (bg)



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 950.5, low cutoff = 26.35, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 3/3/2026 10:21 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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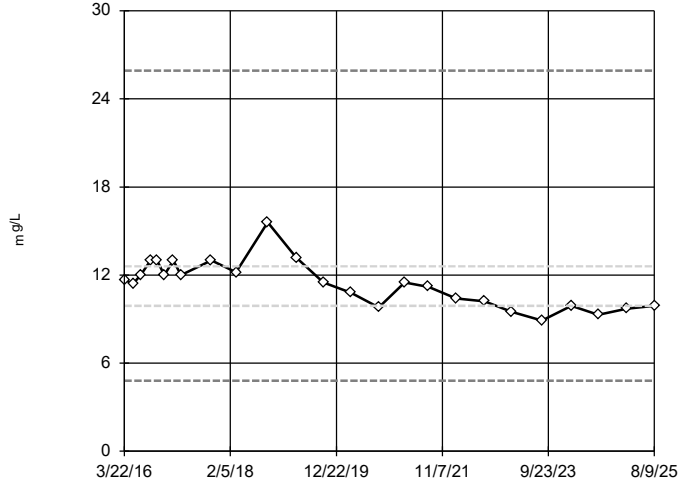
Tukey's Outlier Screening

GWA-11 (bg)



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 25.92, low cutoff = 4.809, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 3/3/2026 10:21 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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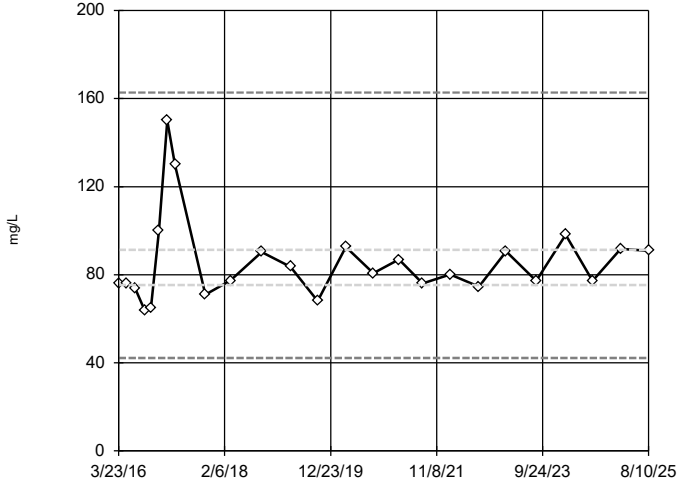
Tukey's Outlier Screening

GWC-5



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 162.7, low cutoff = 42.25, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 3/3/2026 10:21 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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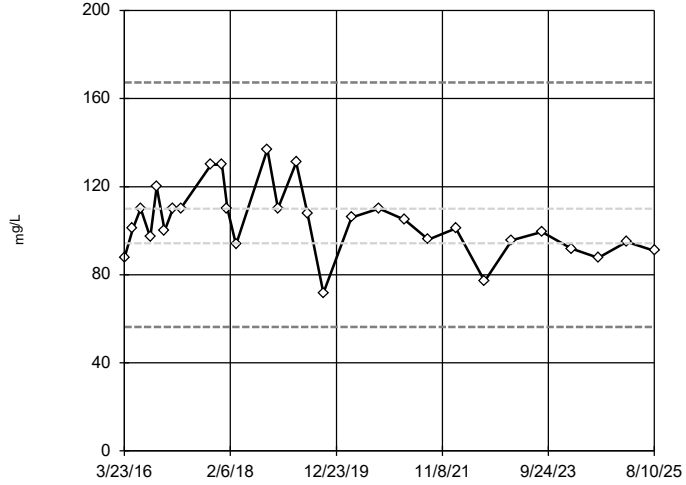
Tukey's Outlier Screening

GWC-6



n = 29

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 167.4, low cutoff = 56.28, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 3/3/2026 10:21 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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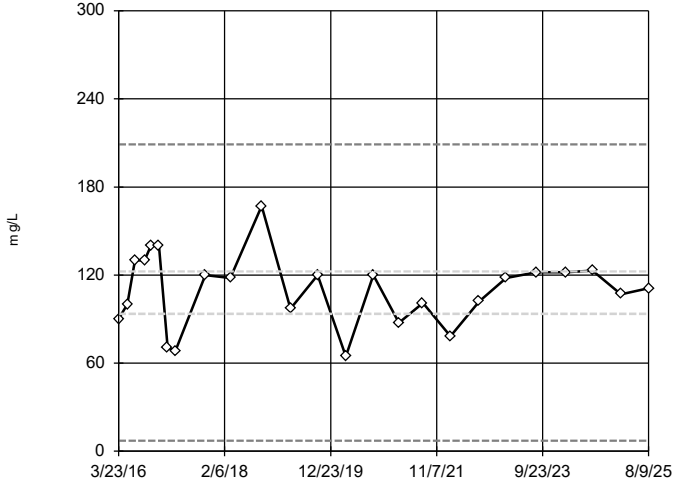
Tukey's Outlier Screening

GWC-7



n = 25

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 209, low cutoff = 7.158, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 3/3/2026 10:21 AM View: Descriptive

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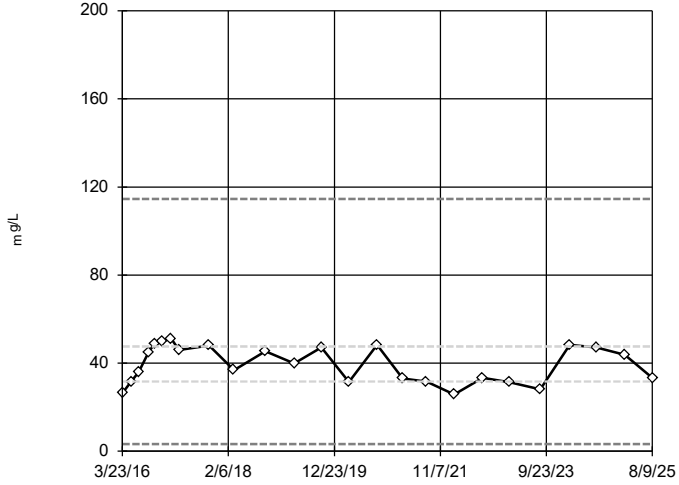
Tukey's Outlier Screening

GWC-8



n = 25

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 114.6, low cutoff = 3.3, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 3/3/2026 10:21 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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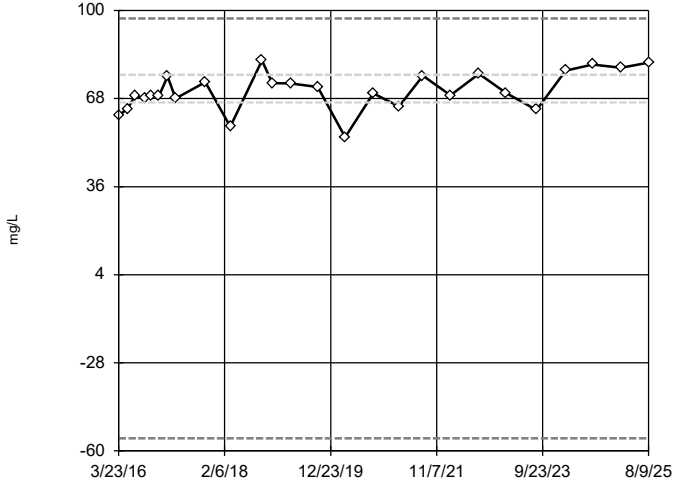
Tukey's Outlier Screening

GWC-9



n = 26

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

High cutoff = 97.12, low cutoff = -55.44, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 3/3/2026 10:21 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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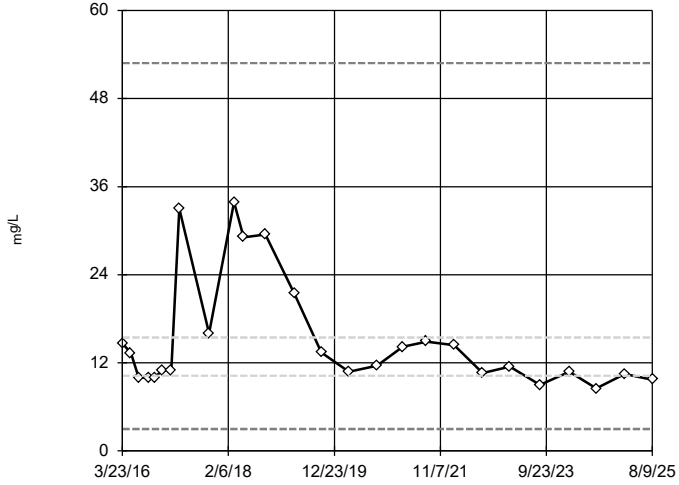
Tukey's Outlier Screening

GWC-10



n = 26

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 52.82, low cutoff = 2.995, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 3/3/2026 10:21 AM View: Descriptive

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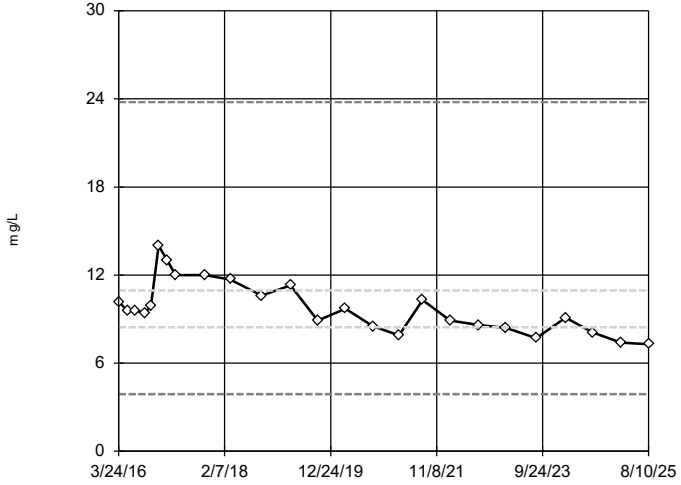
Tukey's Outlier Screening

GWC-18



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 23.78, low cutoff = 3.889, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 3/3/2026 10:21 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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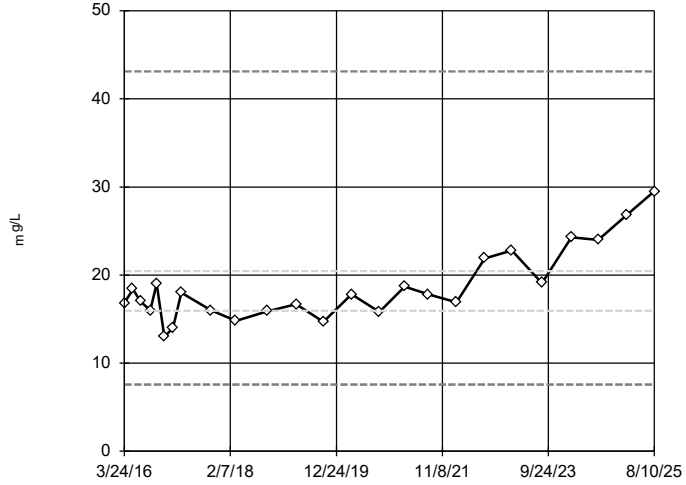
Tukey's Outlier Screening

GWC-19



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 43.12, low cutoff = 7.565, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 3/3/2026 10:21 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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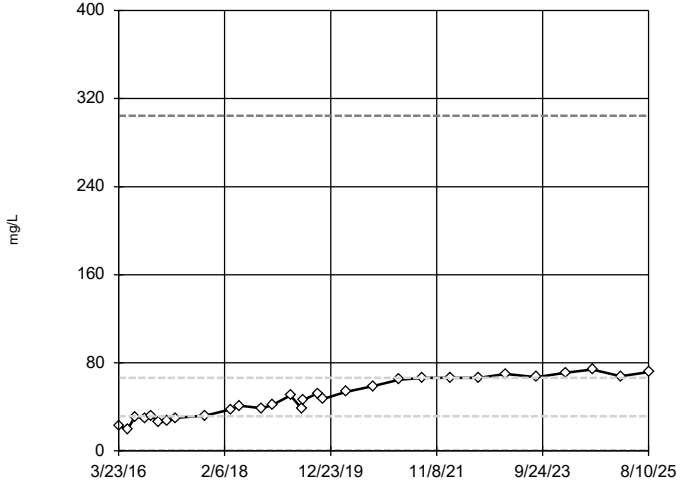
Tukey's Outlier Screening

GWC-20



n = 30

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 304.5, low cutoff = 0.1114, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 3/3/2026 10:21 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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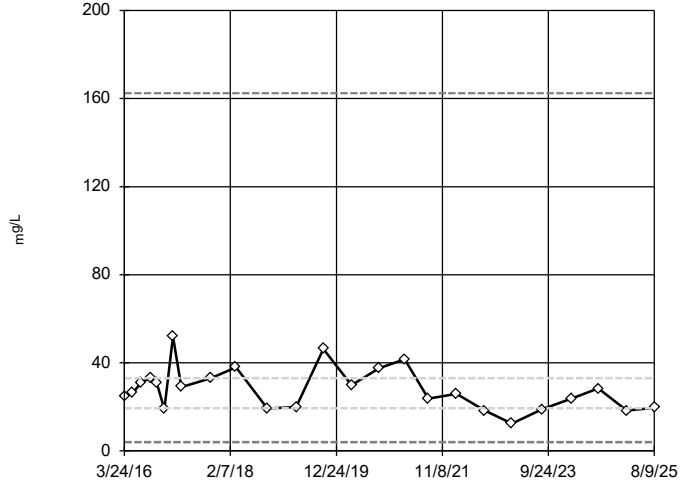
Tukey's Outlier Screening

GWC-21



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 162.4, low cutoff = 3.941, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 3/3/2026 10:21 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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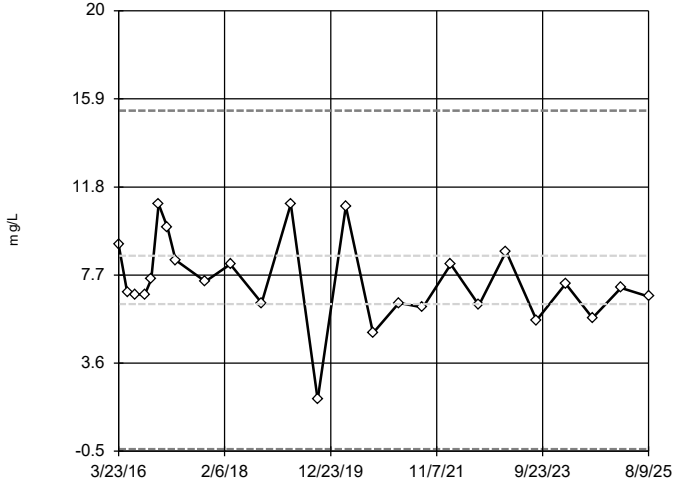
Tukey's Outlier Screening

GWC-22



n = 25

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 15.35, low cutoff = -0.4, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 3/3/2026 10:21 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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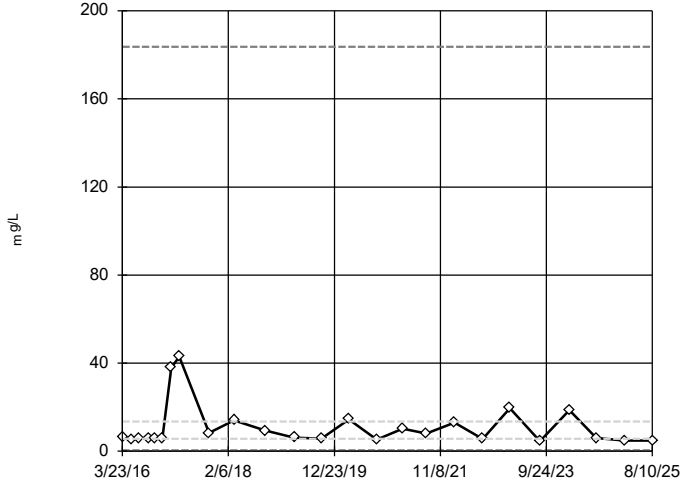
Tukey's Outlier Screening

GWC-23



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 183.7, low cutoff = 0.415, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 3/3/2026 10:21 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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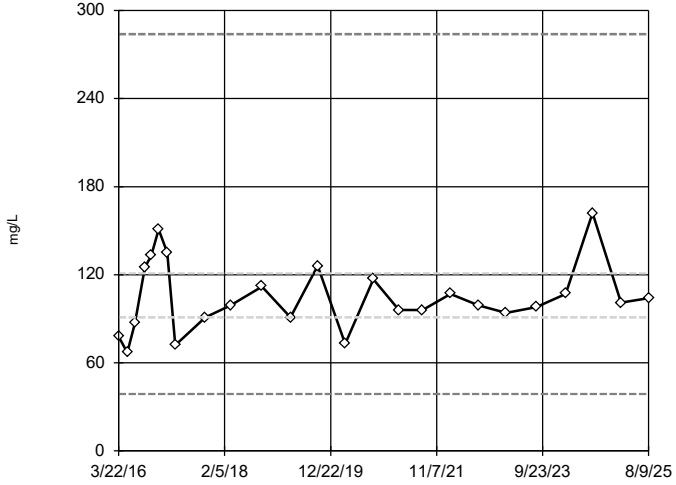
Tukey's Outlier Screening

GWA-1 (bg)



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 283.8, low cutoff = 38.77, based on IQR multiplier of 3.

Constituent: TDS Analysis Run 3/3/2026 10:21 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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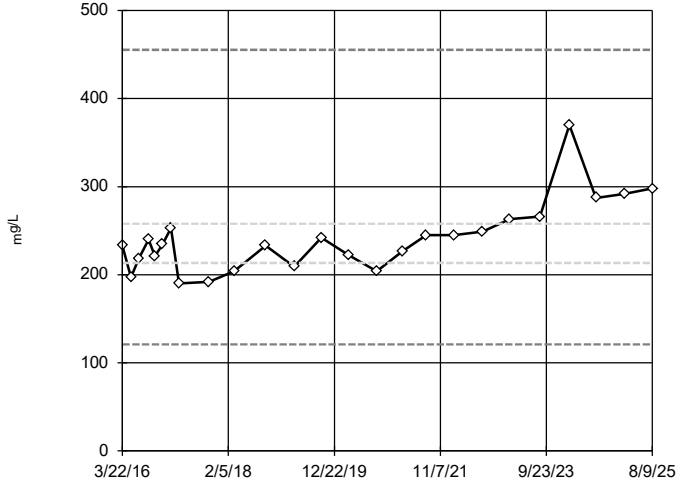
Tukey's Outlier Screening

GWA-2 (bg)



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 455.2, low cutoff = 120.9, based on IQR multiplier of 3.

Constituent: TDS Analysis Run 3/3/2026 10:21 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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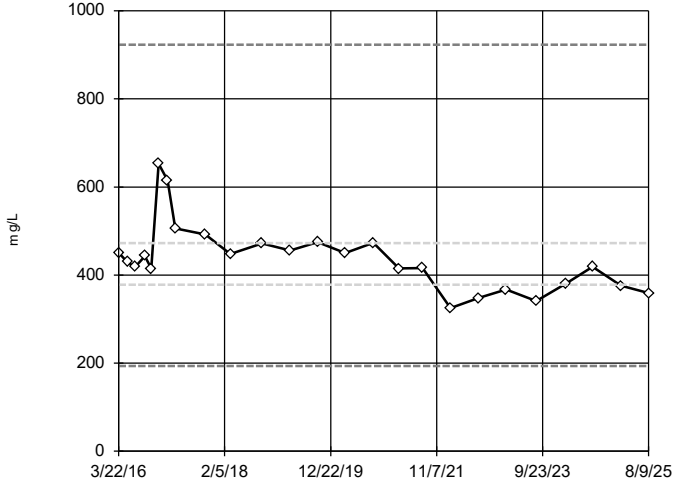
Tukey's Outlier Screening

GWA-3 (bg)



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 922.9, low cutoff = 193.5, based on IQR multiplier of 3.

Constituent: TDS Analysis Run 3/3/2026 10:21 AM View: Descriptive

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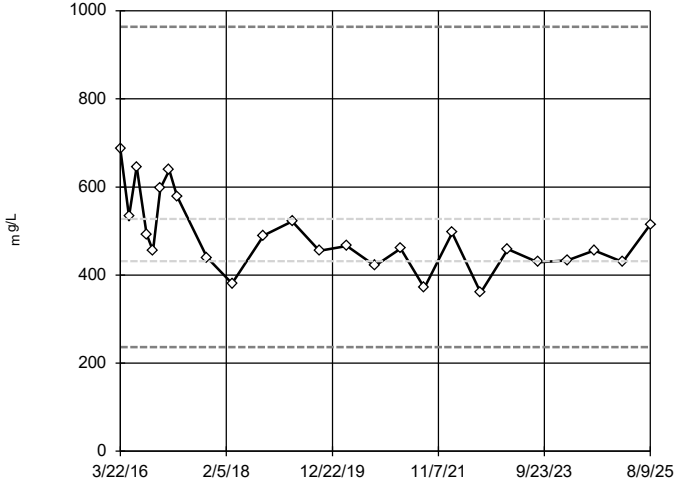
Tukey's Outlier Screening

GWA-4 (bg)



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 963.5, low cutoff = 236.2, based on IQR multiplier of 3.

Constituent: TDS Analysis Run 3/3/2026 10:22 AM View: Descriptive

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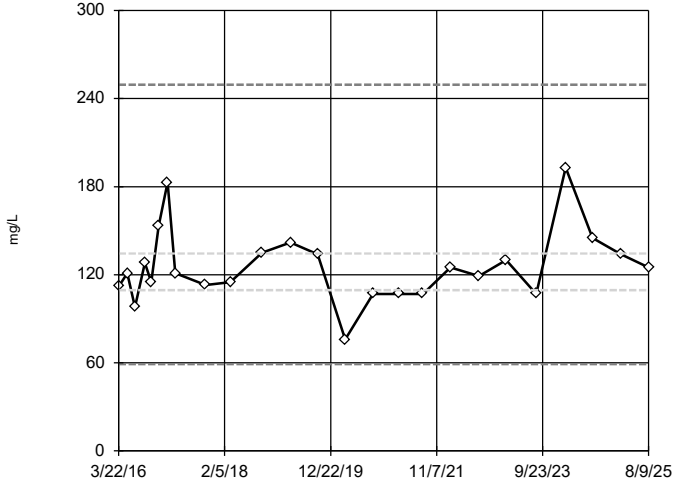
Tukey's Outlier Screening

GWA-11 (bg)



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 249.4, low cutoff = 59.03, based on IQR multiplier of 3.

Constituent: TDS Analysis Run 3/3/2026 10:22 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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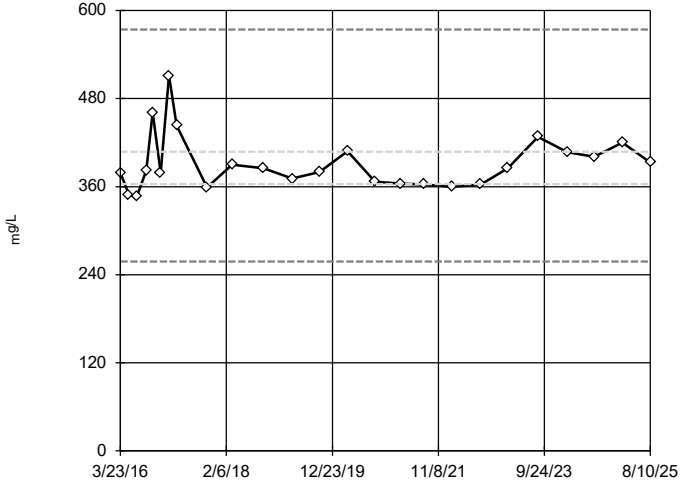
Tukey's Outlier Screening

GWC-5



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 574.1, low cutoff = 258, based on IQR multiplier of 3.

Constituent: TDS Analysis Run 3/3/2026 10:22 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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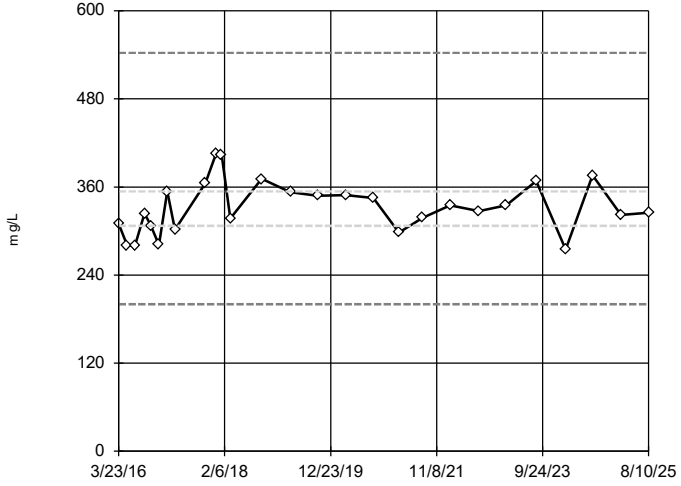
Tukey's Outlier Screening

GWC-6



n = 27

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 542.7, low cutoff = 200.2, based on IQR multiplier of 3.

Constituent: TDS Analysis Run 3/3/2026 10:22 AM View: Descriptive

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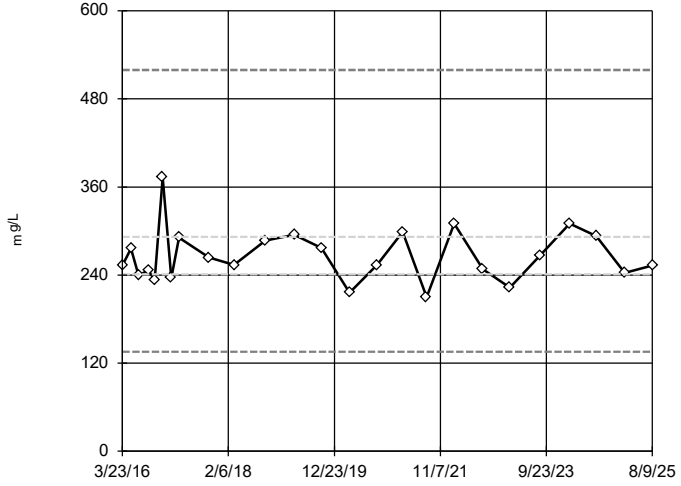
Tukey's Outlier Screening

GWC-7



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 519.4, low cutoff = 135.5, based on IQR multiplier of 3.

Constituent: TDS Analysis Run 3/3/2026 10:22 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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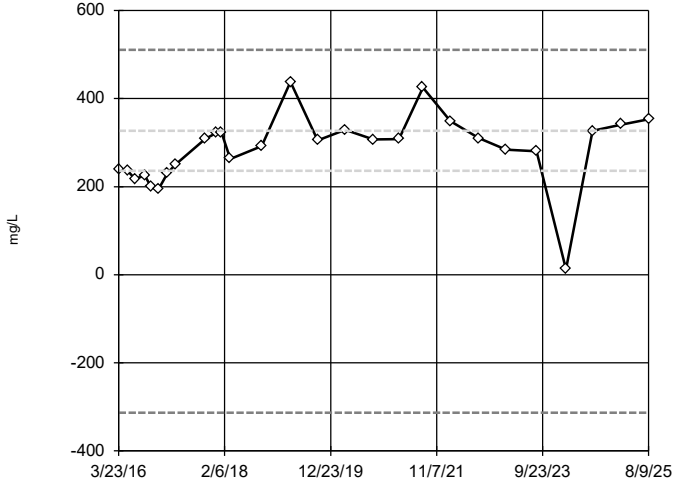
Tukey's Outlier Screening

GWC-8



n = 27

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 510.5, low cutoff = -313.1, based on IQR multiplier of 3.

Constituent: TDS Analysis Run 3/3/2026 10:22 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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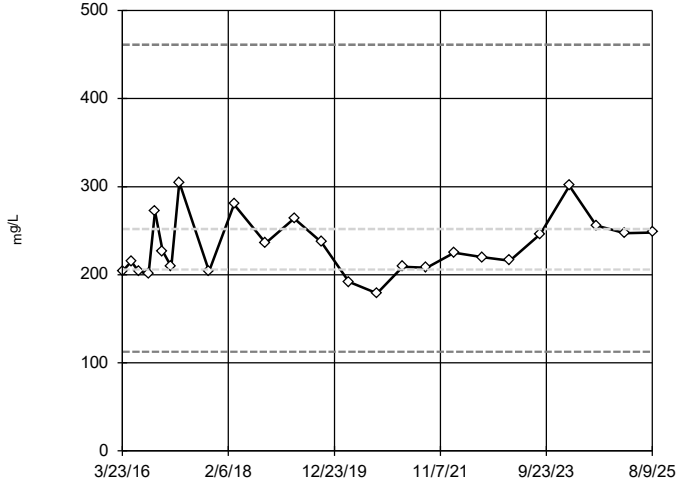
Tukey's Outlier Screening

GWC-9



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 461.2, low cutoff = 112.6, based on IQR multiplier of 3.

Constituent: TDS Analysis Run 3/3/2026 10:22 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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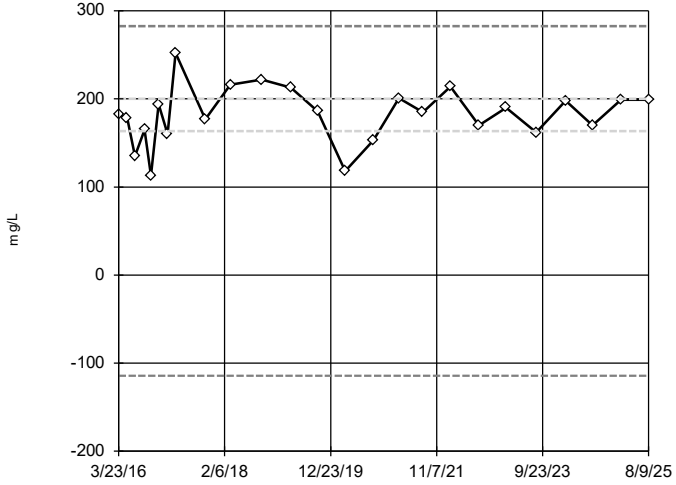
Tukey's Outlier Screening

GWC-10



n = 25

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 282.5, low cutoff = -114.3, based on IQR multiplier of 3.

Constituent: TDS Analysis Run 3/3/2026 10:22 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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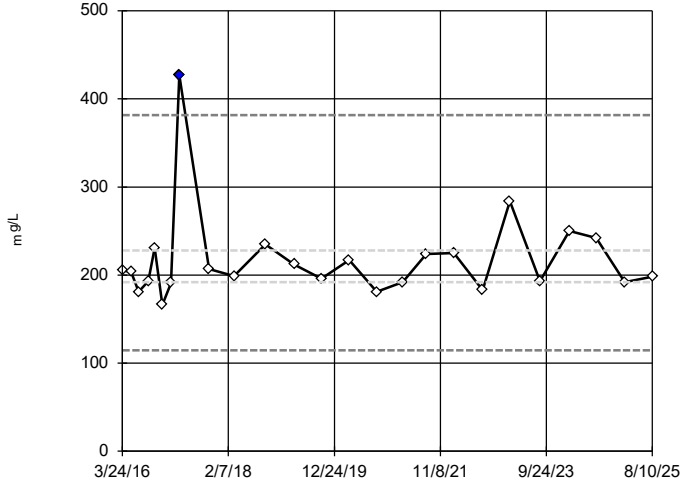
Tukey's Outlier Screening

GWC-18



n = 25

Outlier is drawn as solid. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 381.7, low cutoff = 114.7, based on IQR multiplier of 3.

Constituent: TDS Analysis Run 3/3/2026 10:22 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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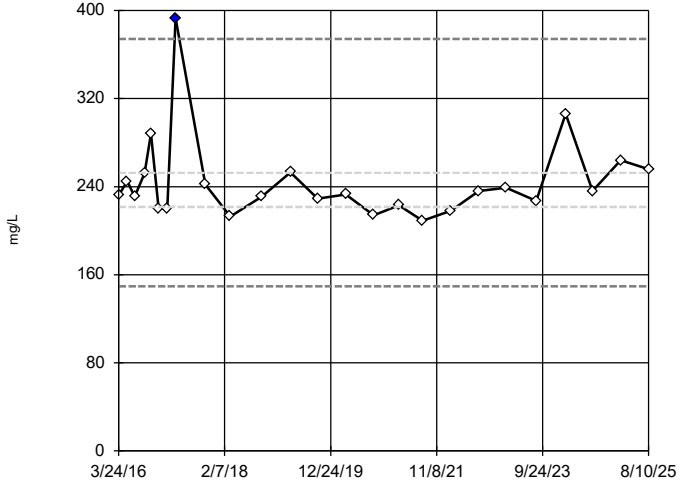
Tukey's Outlier Screening

GWC-19



n = 25

Outlier is drawn as solid. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 374.1, low cutoff = 149.5, based on IQR multiplier of 3.

Constituent: TDS Analysis Run 3/3/2026 10:22 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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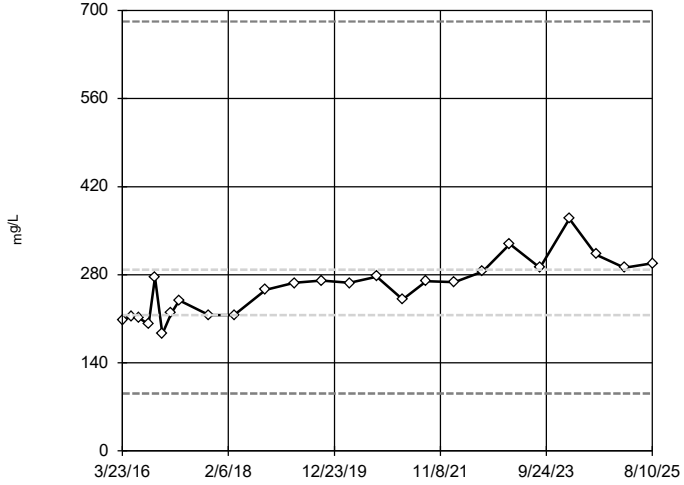
Tukey's Outlier Screening

GWC-20



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 682.5, low cutoff = 91.14, based on IQR multiplier of 3.

Constituent: TDS Analysis Run 3/3/2026 10:22 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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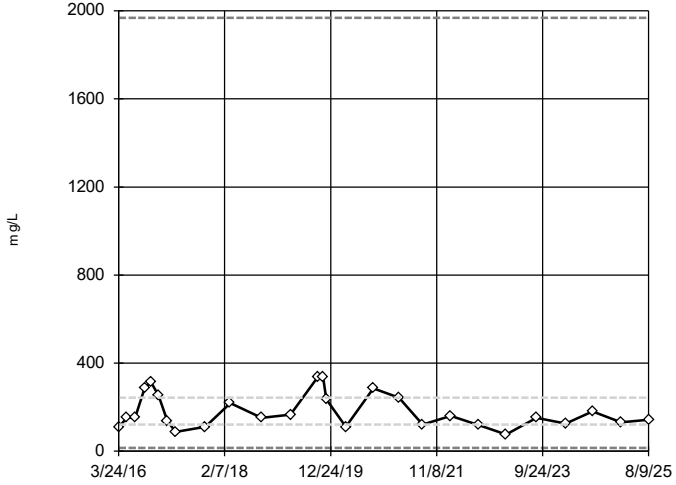
Tukey's Outlier Screening

GWC-21



n = 27

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 1968, low cutoff = 14.94, based on IQR multiplier of 3.

Constituent: TDS Analysis Run 3/3/2026 10:22 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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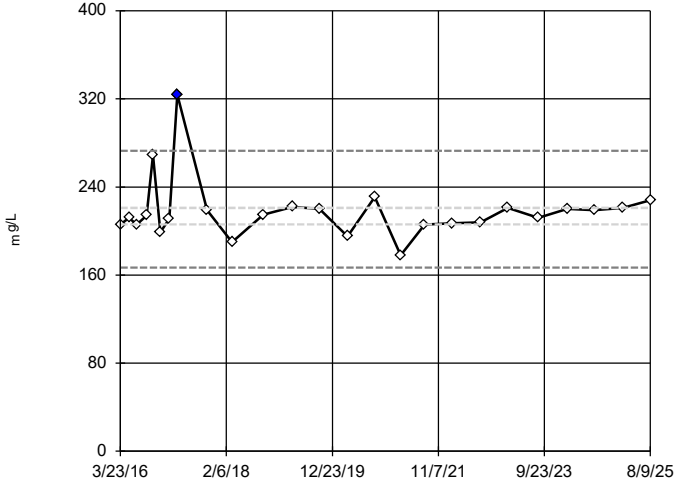
Tukey's Outlier Screening

GWC-22



n = 25

Outlier is drawn as solid. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 272.9, low cutoff = 166.8, based on IQR multiplier of 3.

Constituent: TDS Analysis Run 3/3/2026 10:22 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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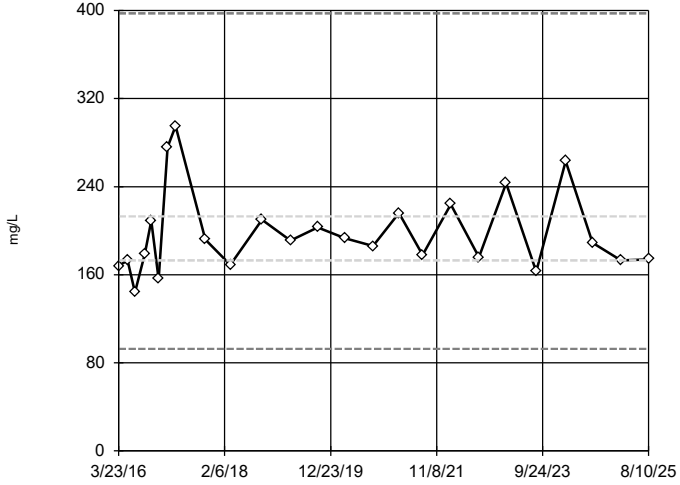
Tukey's Outlier Screening

GWC-23



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 397.4, low cutoff = 92.72, based on IQR multiplier of 3.

Constituent: TDS Analysis Run 3/3/2026 10:22 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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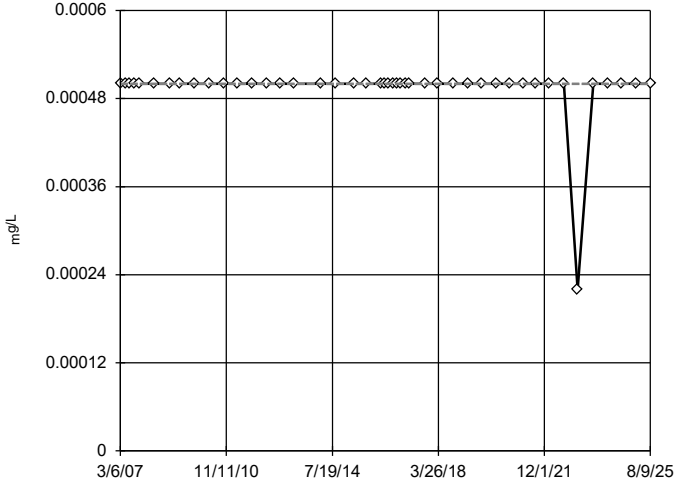
Tukey's Outlier Screening

GWA-1 (bg)



n = 45

No outliers found. Tukey's method selected by user.

Data were x^4 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Thallium Analysis Run 3/3/2026 10:22 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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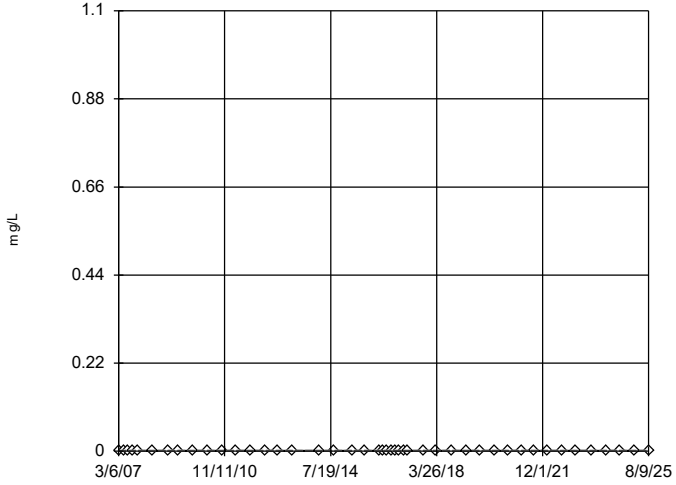
Tukey's Outlier Screening

GWA-2 (bg)



n = 45

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Thallium Analysis Run 3/3/2026 10:22 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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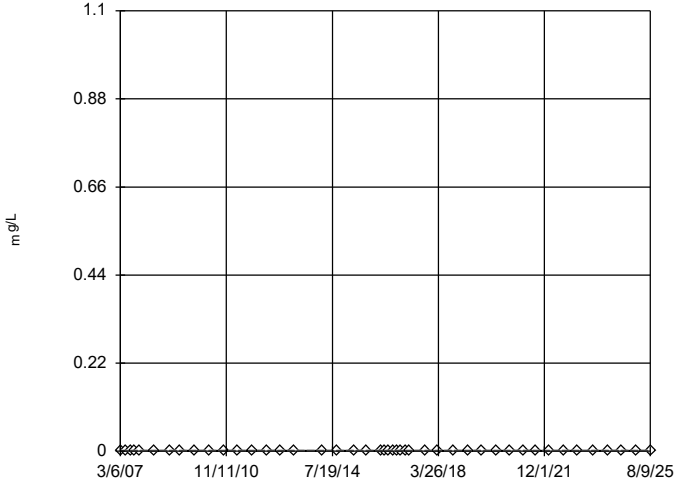
Tukey's Outlier Screening

GWA-3 (bg)



n = 45

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Thallium Analysis Run 3/3/2026 10:22 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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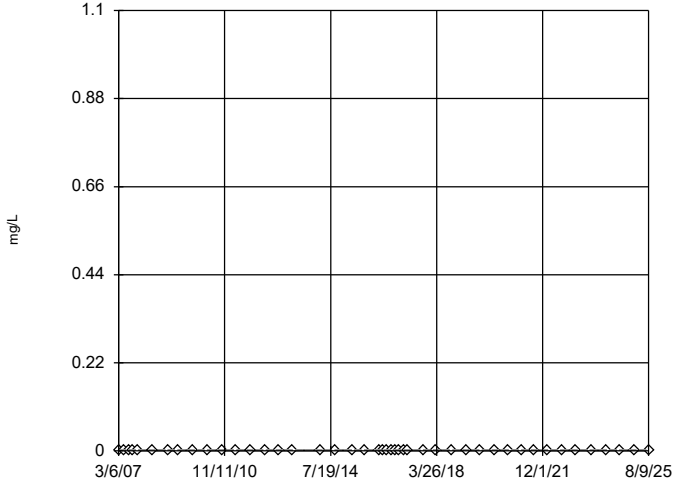
Tukey's Outlier Screening

GWA-4 (bg)



n = 45

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Thallium Analysis Run 3/3/2026 10:22 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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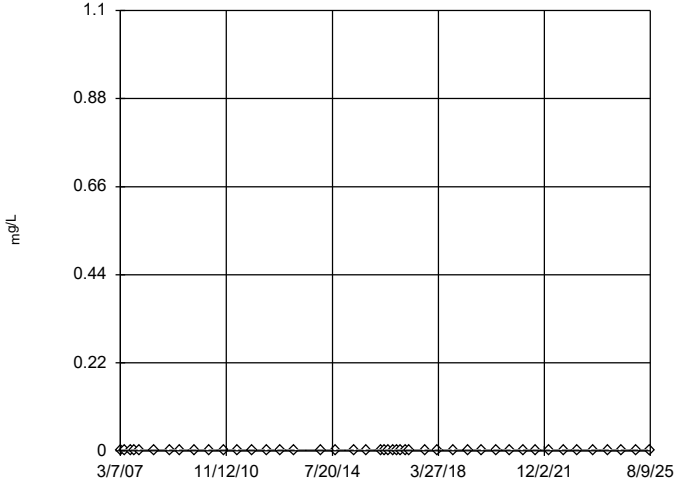
Tukey's Outlier Screening

GWA-11 (bg)



n = 45

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Thallium Analysis Run 3/3/2026 10:22 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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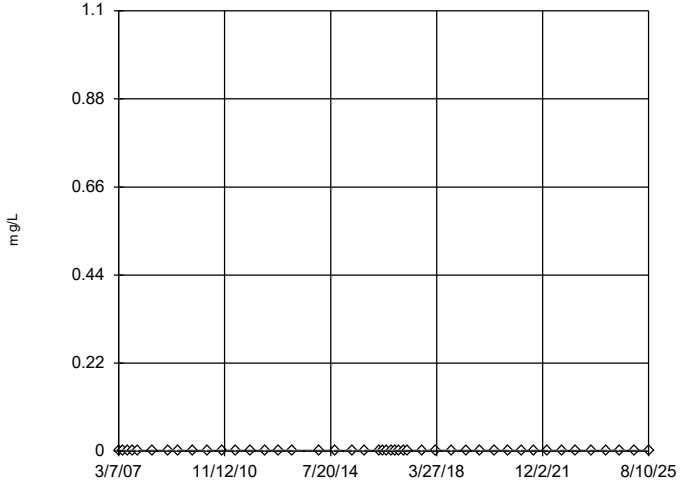
Tukey's Outlier Screening

GWC-5



n = 45

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Thallium Analysis Run 3/3/2026 10:22 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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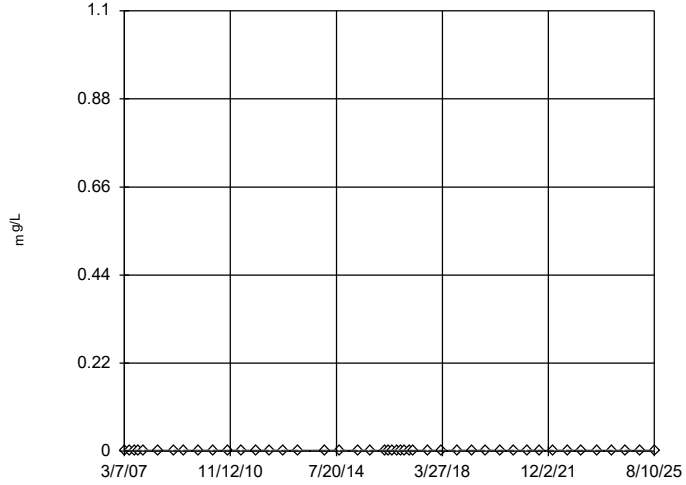
Tukey's Outlier Screening

GWC-6



n = 45

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Thallium Analysis Run 3/3/2026 10:22 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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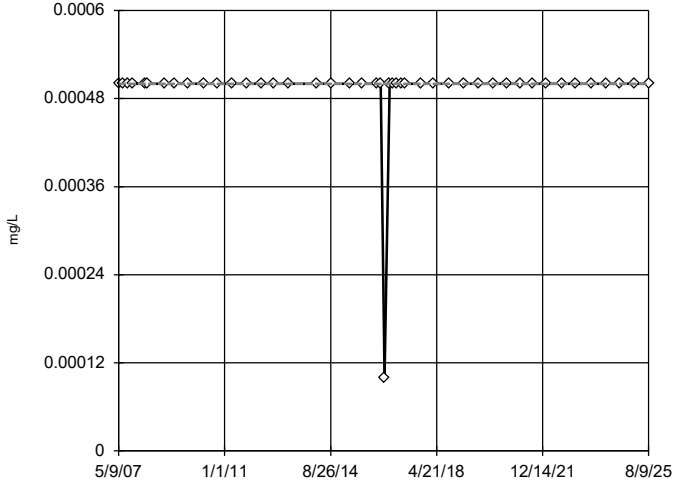
Tukey's Outlier Screening

GWC-7



n = 45

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Thallium Analysis Run 3/3/2026 10:22 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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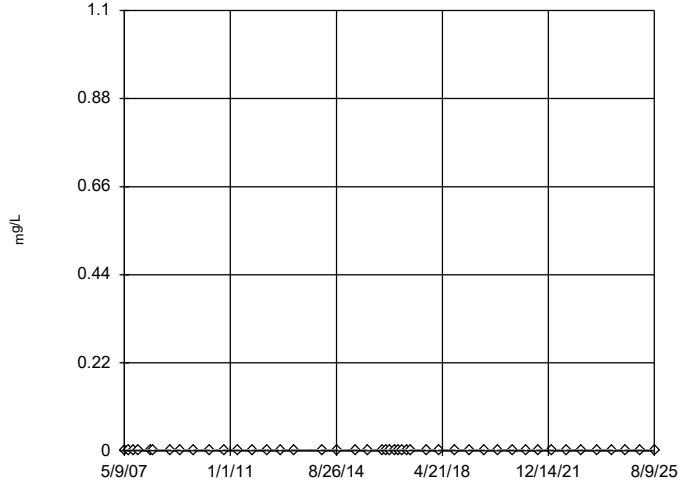
Tukey's Outlier Screening

GWC-8



n = 45

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Thallium Analysis Run 3/3/2026 10:22 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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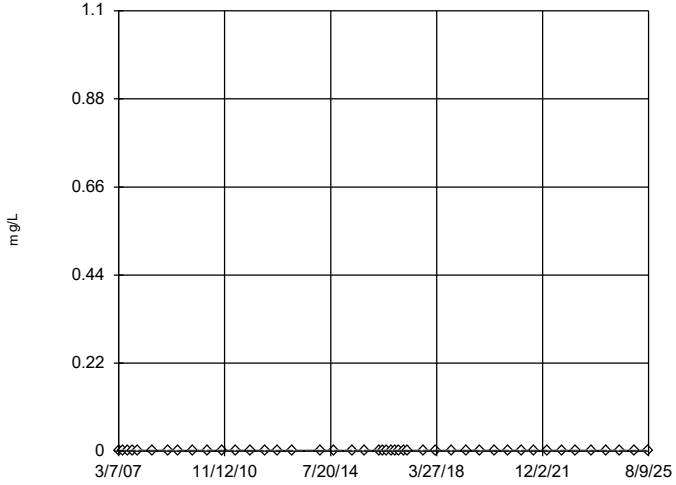
Tukey's Outlier Screening

GWC-9



n = 45

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Thallium Analysis Run 3/3/2026 10:22 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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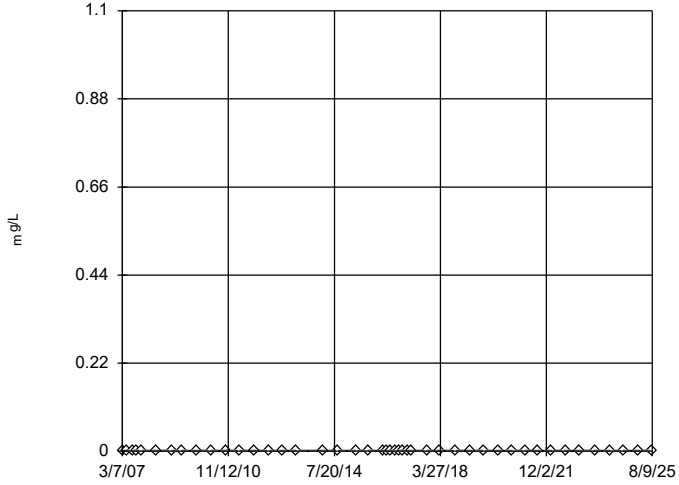
Tukey's Outlier Screening

GWC-10



n = 45

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Thallium Analysis Run 3/3/2026 10:22 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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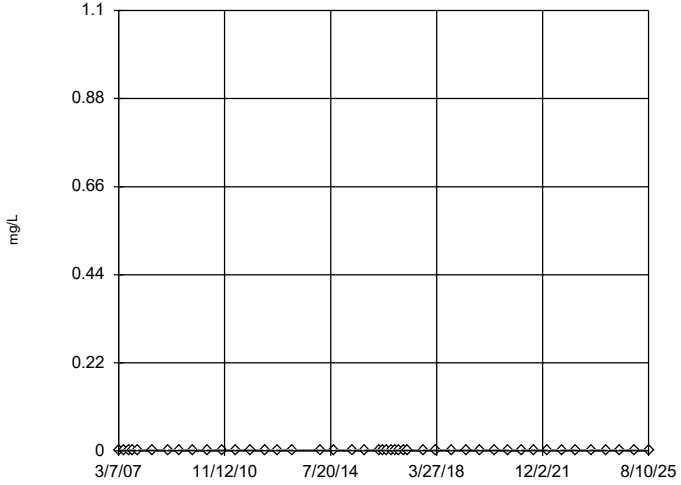
Tukey's Outlier Screening

GWC-18



n = 45

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Thallium Analysis Run 3/3/2026 10:22 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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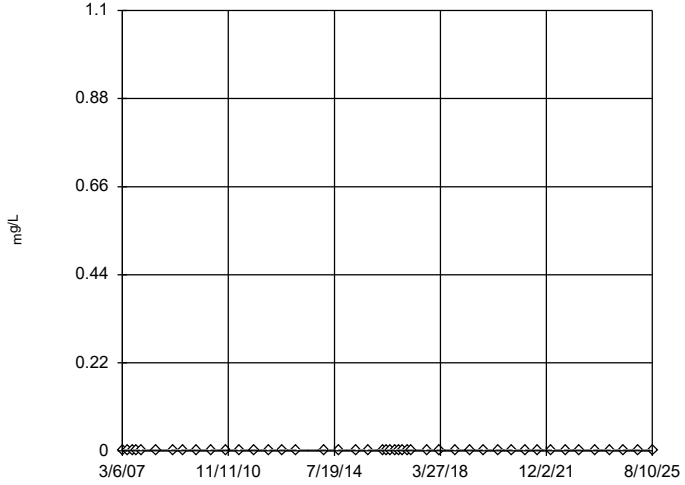
Tukey's Outlier Screening

GWC-19



n = 45

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Thallium Analysis Run 3/3/2026 10:22 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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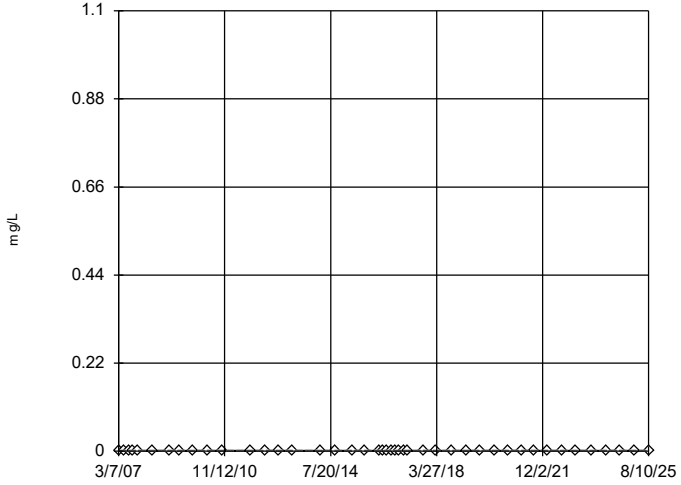
Tukey's Outlier Screening

GWC-20



n = 44

No outliers found.
Tukey's method select-
ed by user.

All values are the same.

Constituent: Thallium Analysis Run 3/3/2026 10:22 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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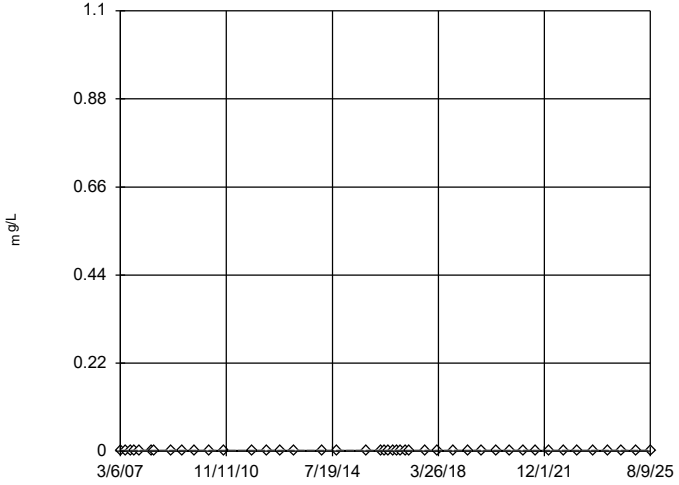
Tukey's Outlier Screening

GWC-21



n = 44

No outliers found.
Tukey's method select-
ed by user.

All values are the same.

Constituent: Thallium Analysis Run 3/3/2026 10:22 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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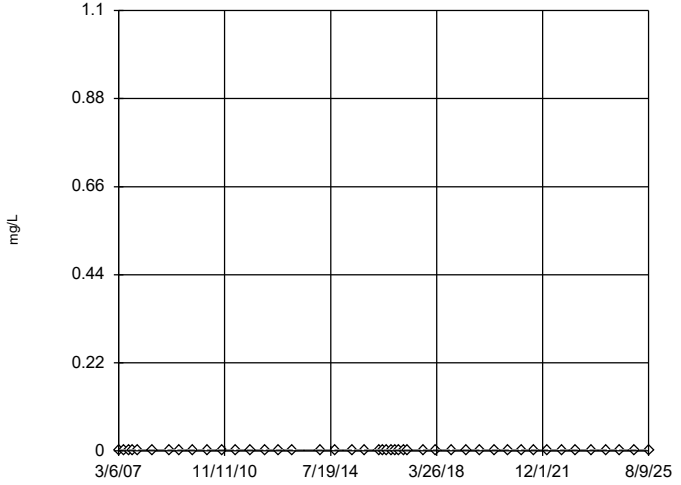
Tukey's Outlier Screening

GWC-22



n = 45

No outliers found.
Tukey's method select-
ed by user.

All values are the same.

Constituent: Thallium Analysis Run 3/3/2026 10:22 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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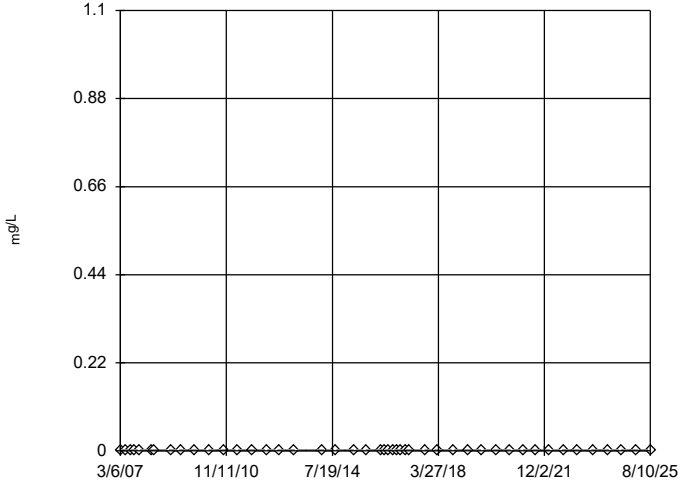
Tukey's Outlier Screening

GWC-23



n = 46

No outliers found.
Tukey's method select-
ed by user.

All values are the same.

Constituent: Thallium Analysis Run 3/3/2026 10:22 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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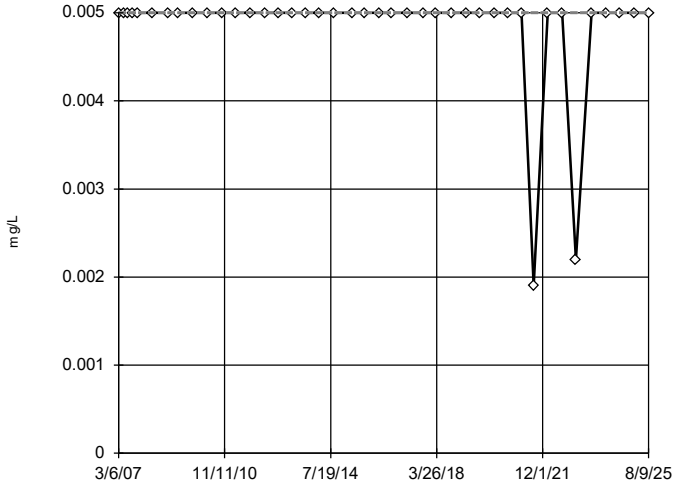
Tukey's Outlier Screening

GWA-1 (bg)



n = 41

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Vanadium Analysis Run 3/3/2026 10:22 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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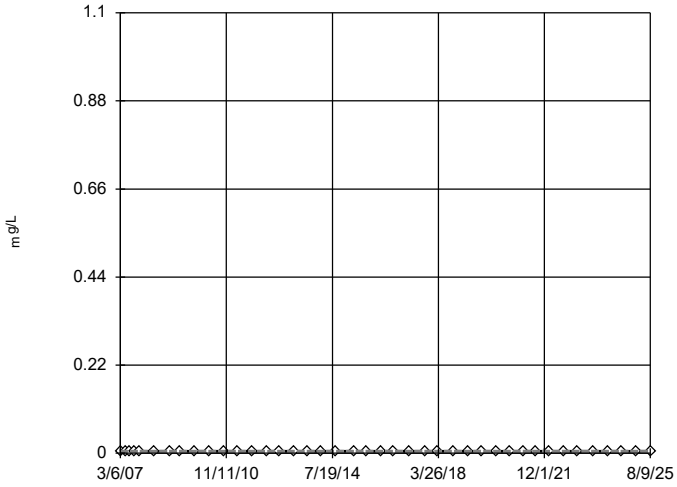
Tukey's Outlier Screening

GWA-2 (bg)



n = 41

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Vanadium Analysis Run 3/3/2026 10:22 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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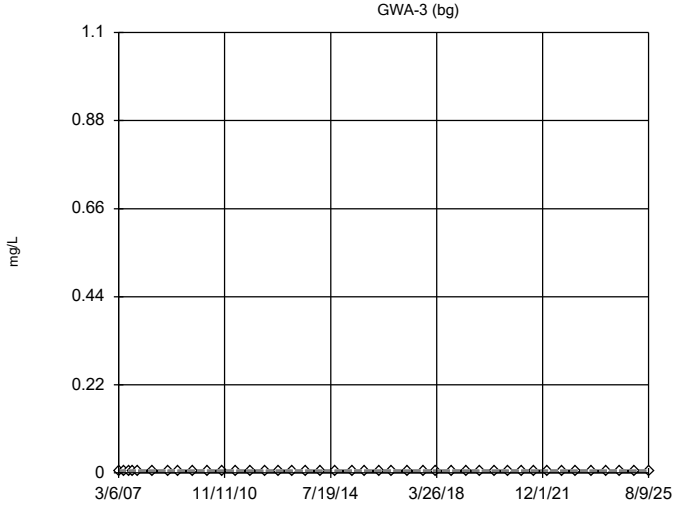
Tukey's Outlier Screening

GWA-3 (bg)



n = 41

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Vanadium Analysis Run 3/3/2026 10:22 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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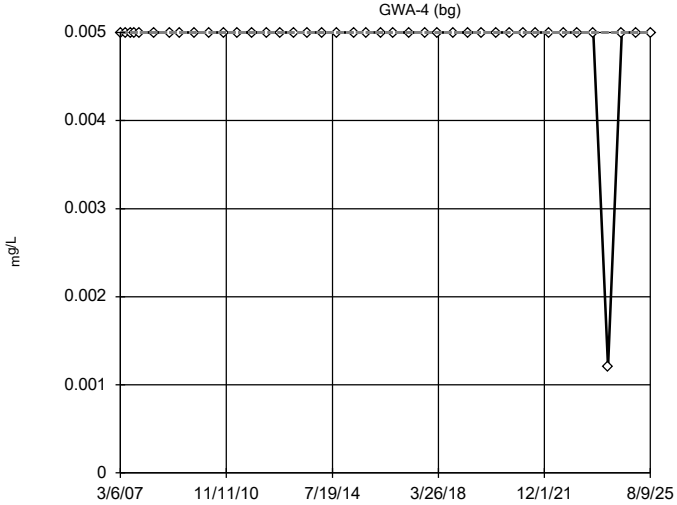
Tukey's Outlier Screening

GWA-4 (bg)



n = 41

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Vanadium Analysis Run 3/3/2026 10:22 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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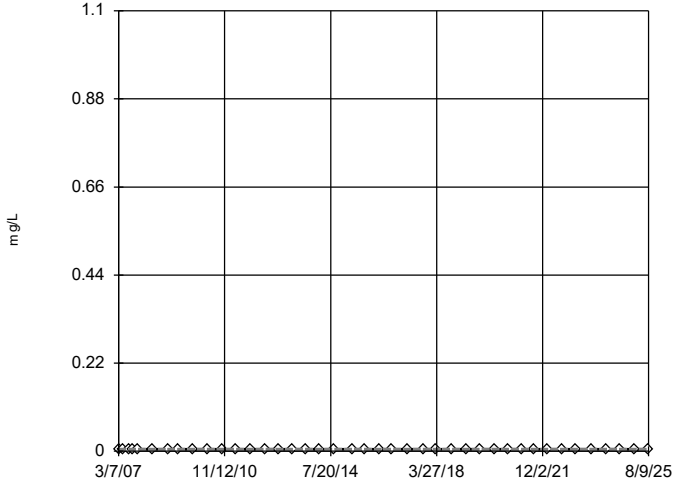
Tukey's Outlier Screening

GWA-11 (bg)



n = 41

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Vanadium Analysis Run 3/3/2026 10:22 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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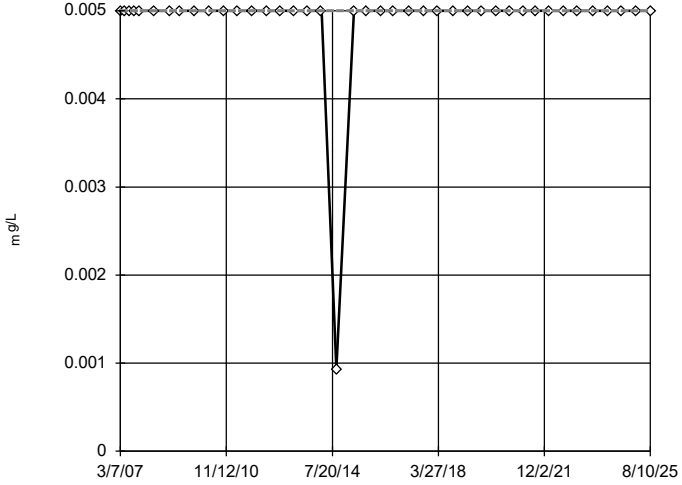
Tukey's Outlier Screening

GWC-5



n = 41

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Vanadium Analysis Run 3/3/2026 10:22 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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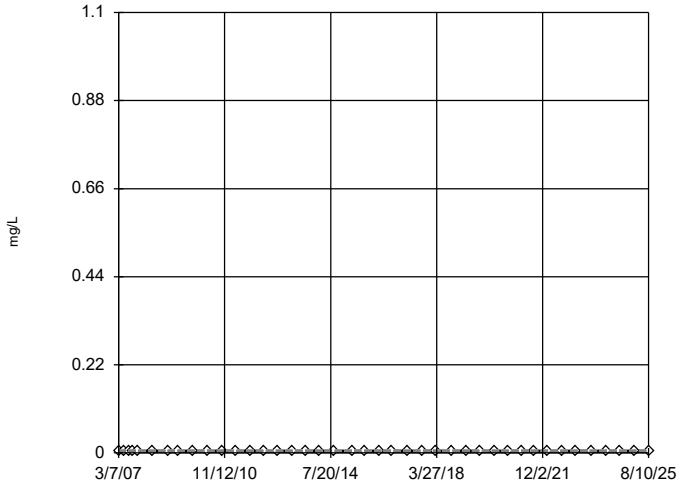
Tukey's Outlier Screening

GWC-6



n = 41

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Vanadium Analysis Run 3/3/2026 10:22 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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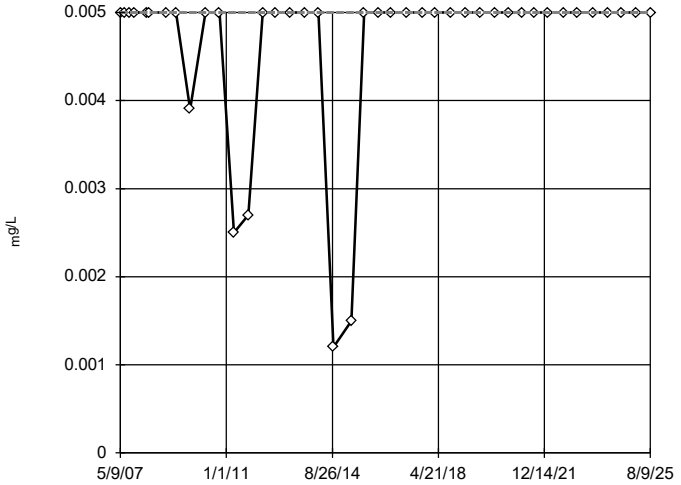
Tukey's Outlier Screening

GWC-7



n = 41

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Vanadium Analysis Run 3/3/2026 10:22 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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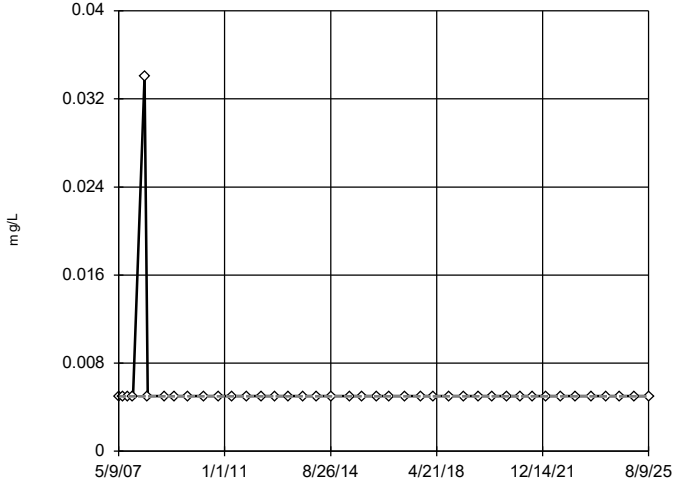
Tukey's Outlier Screening

GWC-8



n = 41

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Vanadium Analysis Run 3/3/2026 10:22 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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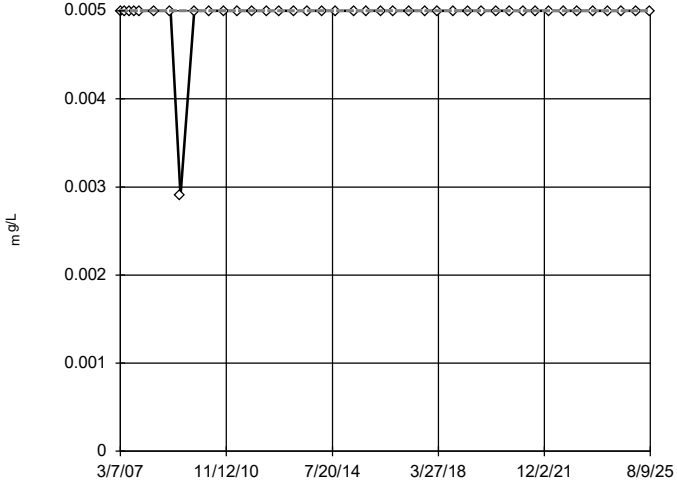
Tukey's Outlier Screening

GWC-9



n = 41

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Vanadium Analysis Run 3/3/2026 10:22 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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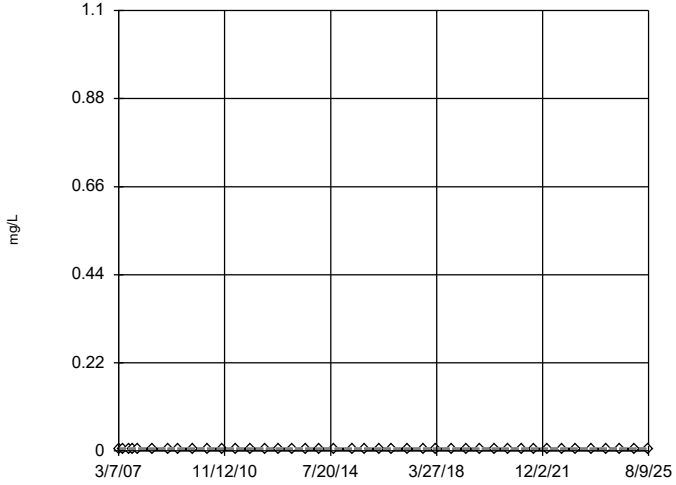
Tukey's Outlier Screening

GWC-10



n = 41

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Vanadium Analysis Run 3/3/2026 10:22 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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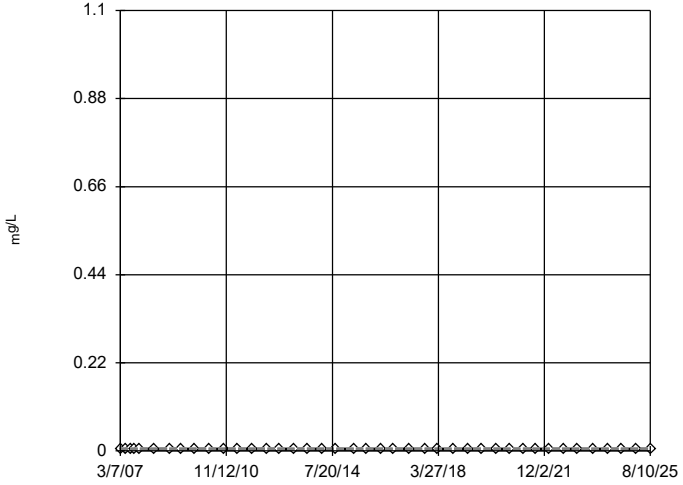
Tukey's Outlier Screening

GWC-18



n = 41

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Vanadium Analysis Run 3/3/2026 10:22 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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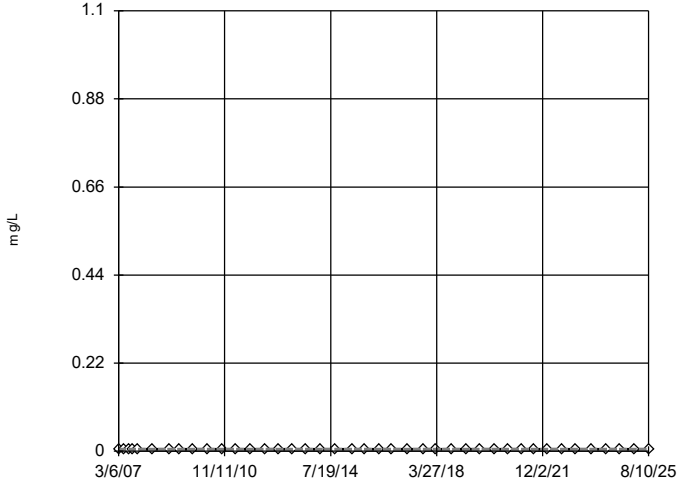
Tukey's Outlier Screening

GWC-19



n = 41

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Vanadium Analysis Run 3/3/2026 10:22 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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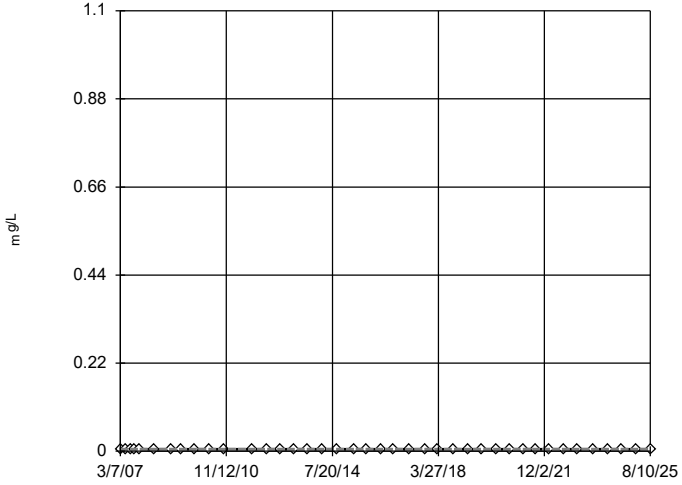
Tukey's Outlier Screening

GWC-20



n = 40

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Vanadium Analysis Run 3/3/2026 10:22 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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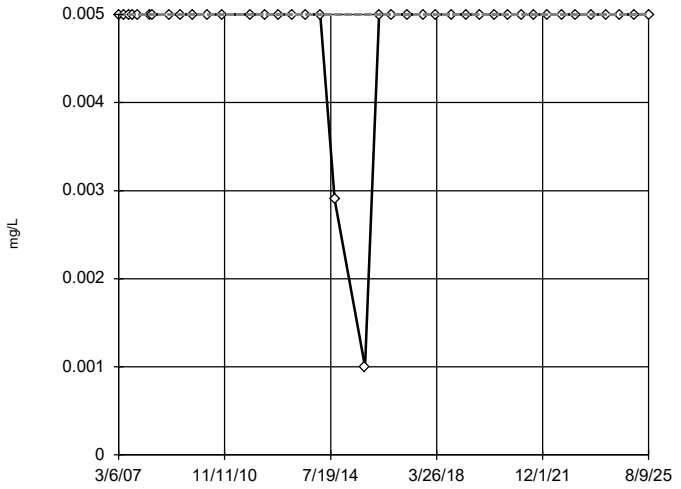
Tukey's Outlier Screening

GWC-21



n = 40

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Vanadium Analysis Run 3/3/2026 10:22 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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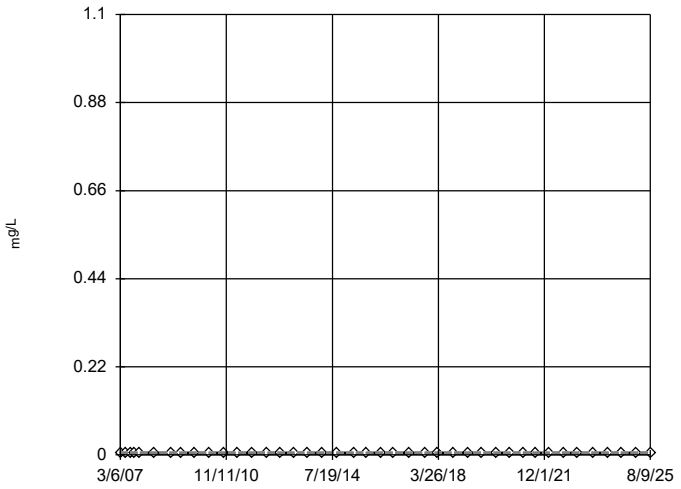
Tukey's Outlier Screening

GWC-22



n = 41

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Vanadium Analysis Run 3/3/2026 10:22 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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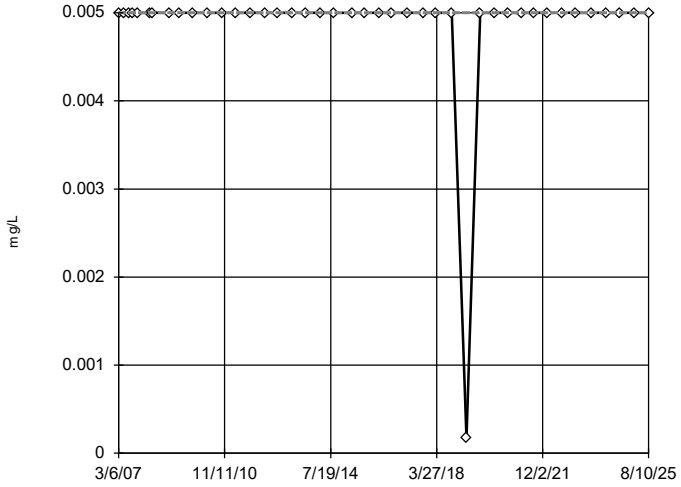
Tukey's Outlier Screening

GWC-23



n = 42

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Vanadium Analysis Run 3/3/2026 10:22 AM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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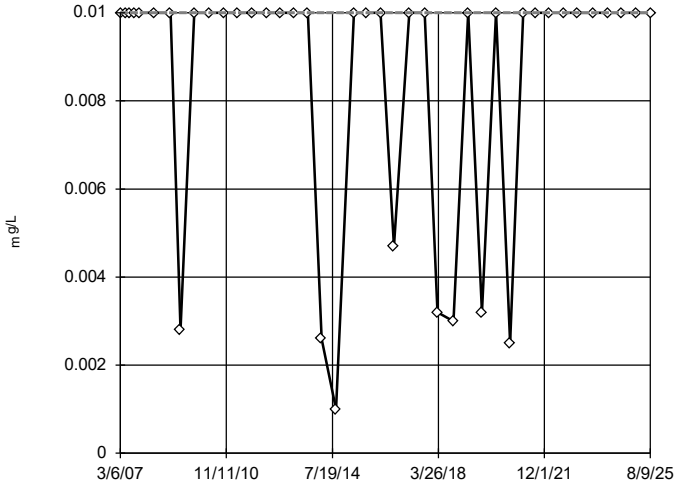
Tukey's Outlier Screening

GWA-1 (bg)



n = 41

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Zinc Analysis Run 3/3/2026 10:22 AM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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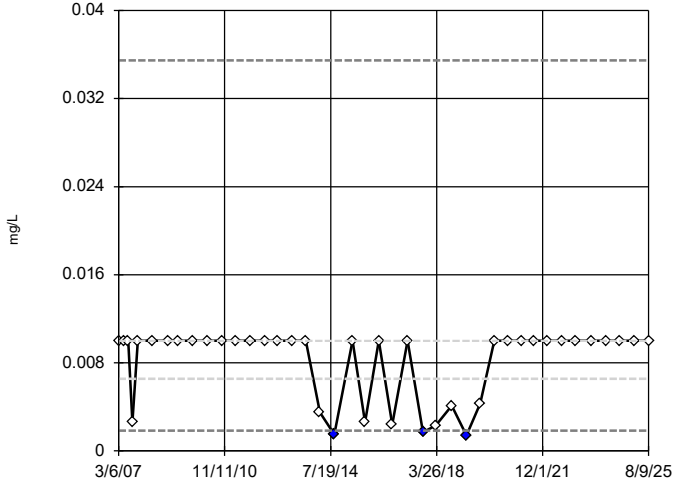
Tukey's Outlier Screening

GWA-2 (bg)



n = 41

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.03546, low cutoff = 0.001849, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 3/3/2026 10:22 AM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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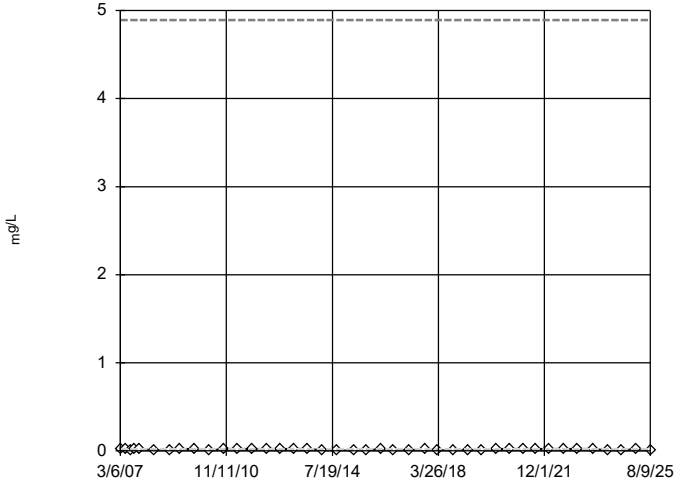
Tukey's Outlier Screening

GWA-3 (bg)



n = 41

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 4.89, low cutoff = 0.00001308, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 3/3/2026 10:23 AM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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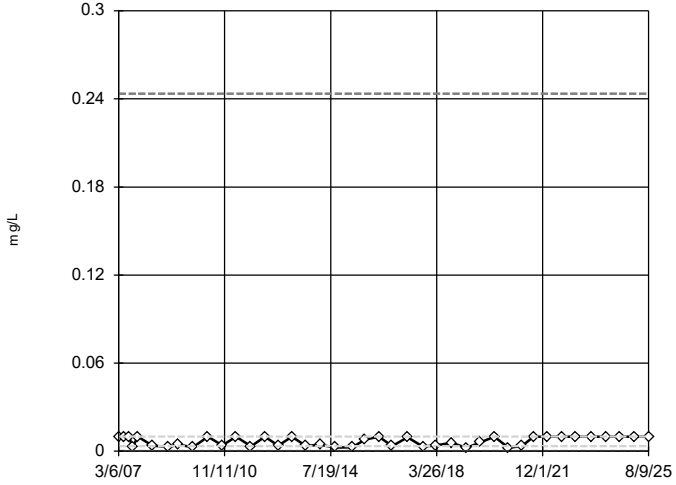
Tukey's Outlier Screening

GWA-4 (bg)



n = 41

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.2436, low cutoff = 0.0001416, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 3/3/2026 10:23 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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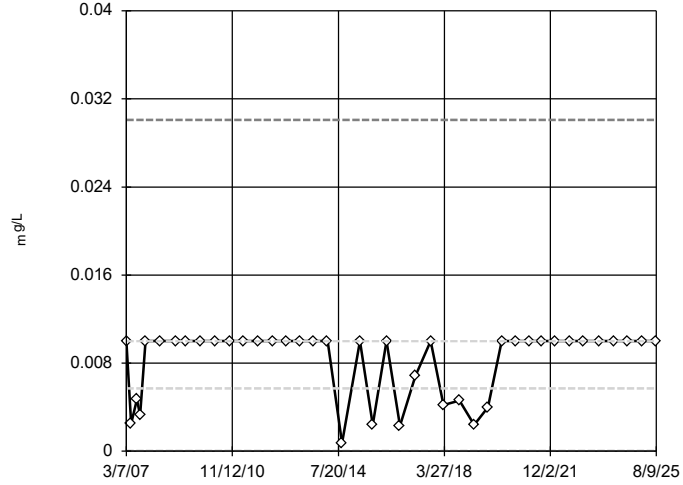
Tukey's Outlier Screening

GWA-11 (bg)



n = 41

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.03009, low cutoff = 0.000004151, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 3/3/2026 10:23 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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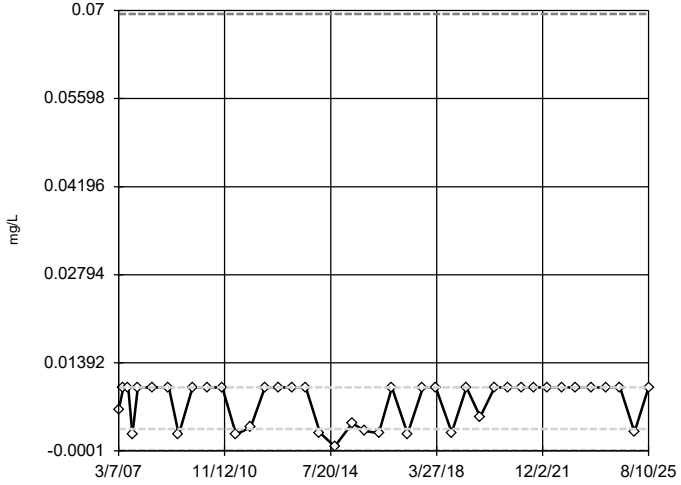
Tukey's Outlier Screening

GWC-5



n = 41

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.06946, low cutoff = -0.00009342, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 3/3/2026 10:23 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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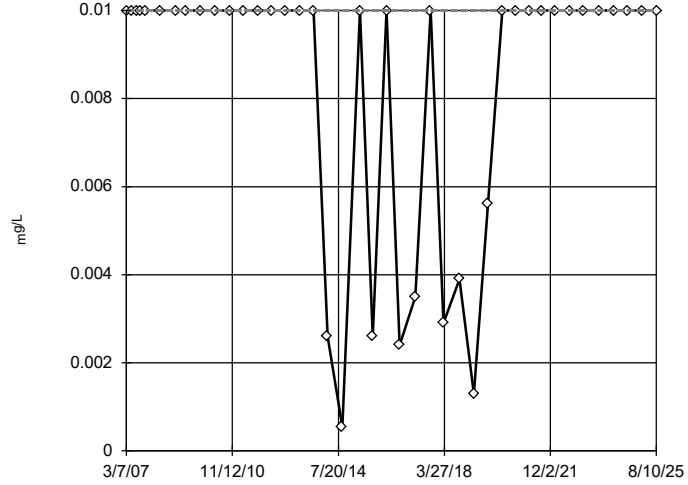
Tukey's Outlier Screening

GWC-6



n = 41

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Zinc Analysis Run 3/3/2026 10:23 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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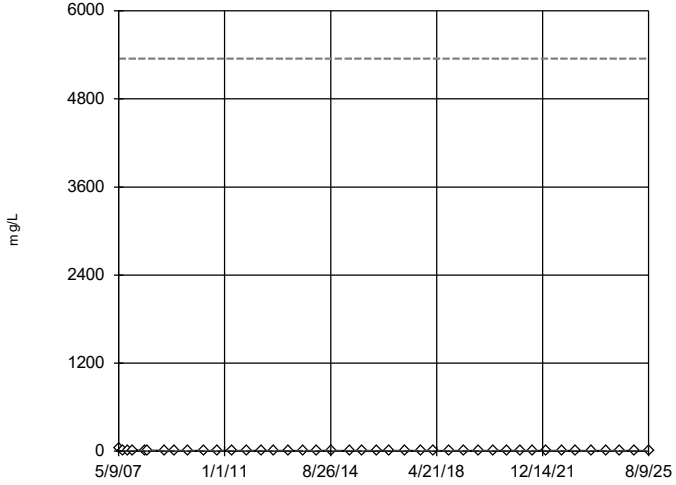
Tukey's Outlier Screening

GWC-7



n = 41

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 5348, low cutoff = 0.00003912, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 3/3/2026 10:23 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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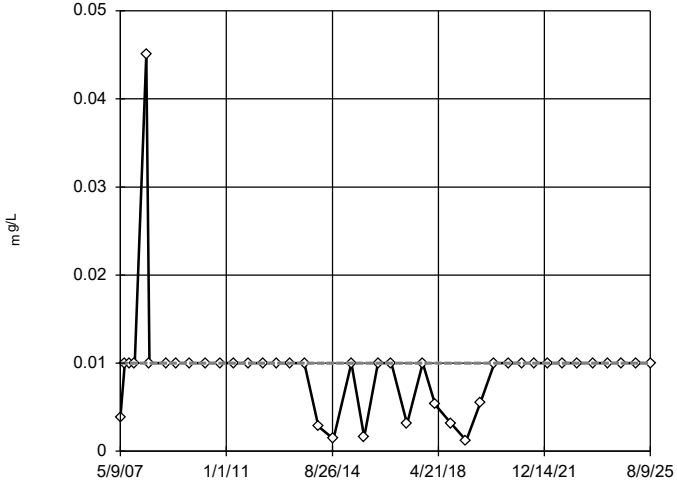
Tukey's Outlier Screening

GWC-8



n = 41

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Zinc Analysis Run 3/3/2026 10:23 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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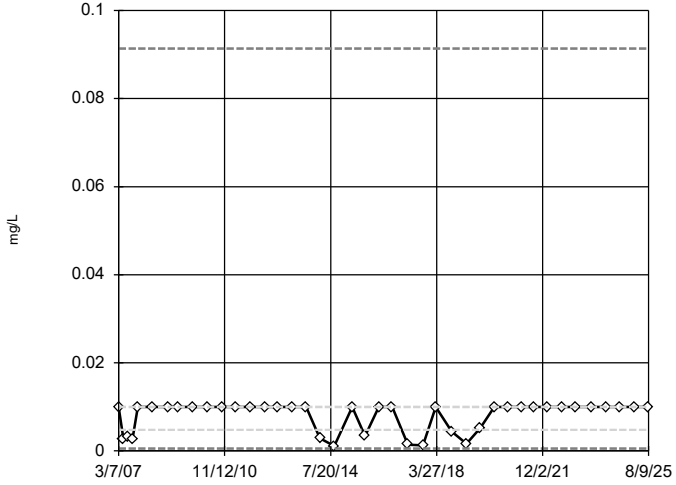
Tukey's Outlier Screening

GWC-9



n = 41

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.09137, low cutoff = 0.0005235, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 3/3/2026 10:23 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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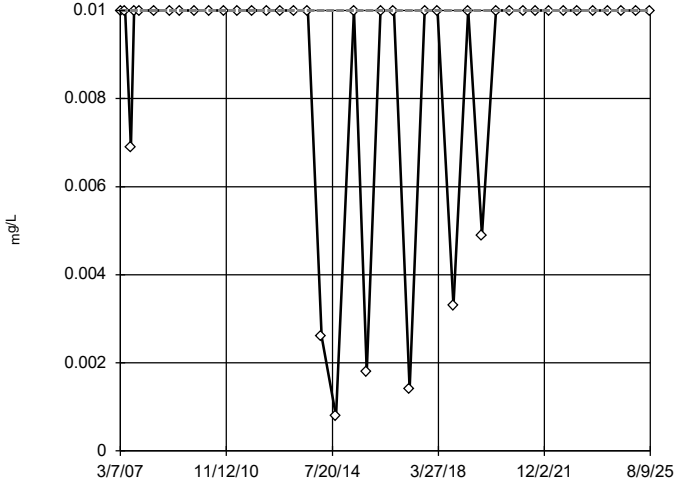
Tukey's Outlier Screening

GWC-10



n = 41

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Zinc Analysis Run 3/3/2026 10:23 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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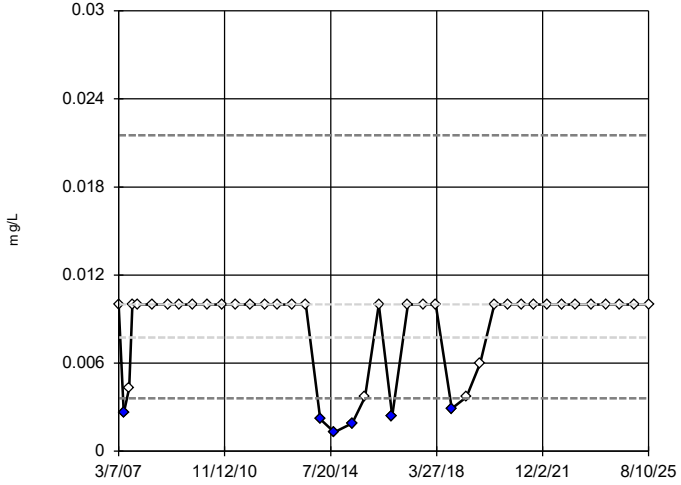
Tukey's Outlier Screening

GWC-18



n = 41

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.02152, low cutoff = 0.0036, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 3/3/2026 10:23 AM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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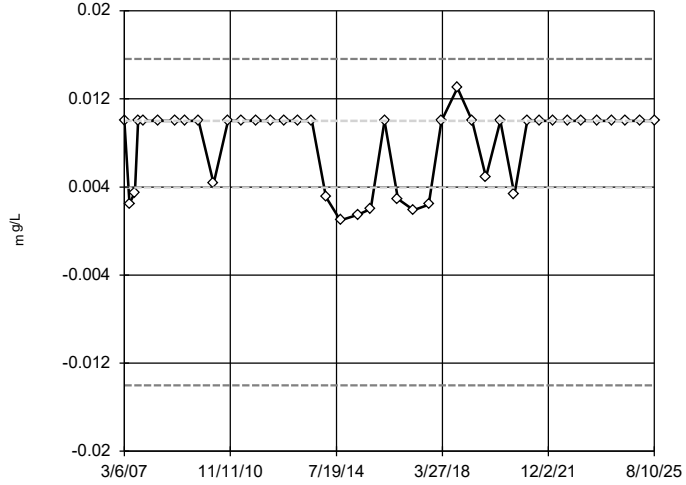
Tukey's Outlier Screening

GWC-19



n = 41

No outliers found.
Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.01563, low cutoff = -0.01402, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 3/3/2026 10:23 AM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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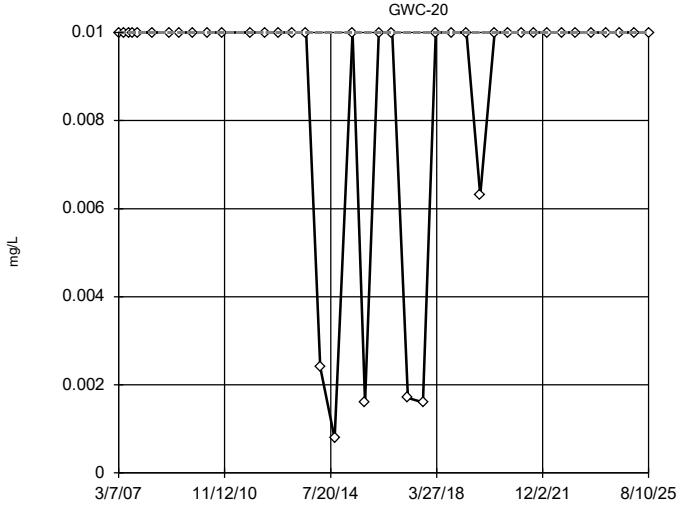
Tukey's Outlier Screening

GWC-20



n = 40

No outliers found.
Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Zinc Analysis Run 3/3/2026 10:23 AM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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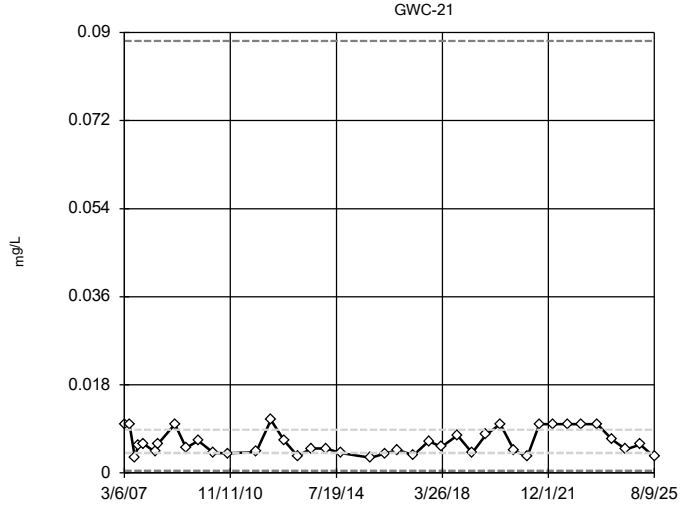
Tukey's Outlier Screening

GWC-21



n = 40

No outliers found.
Tukey's method selected by user.

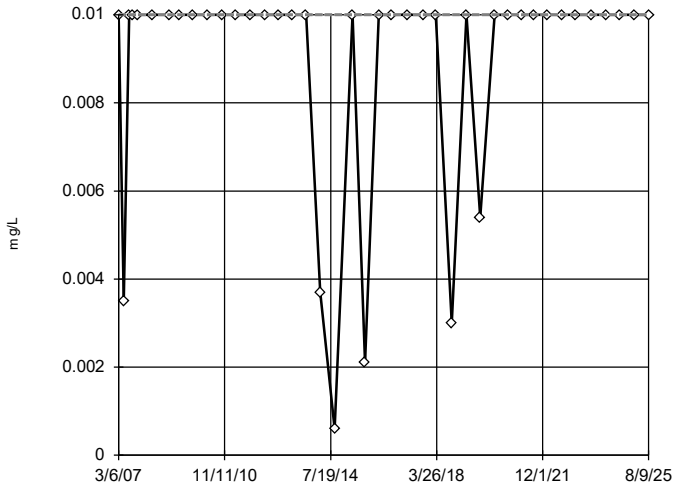
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.08827, low cutoff = 0.0004102, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 3/3/2026 10:23 AM View: Descriptive
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Tukey's Outlier Screening

GWC-22



n = 41

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Zinc Analysis Run 3/3/2026 10:23 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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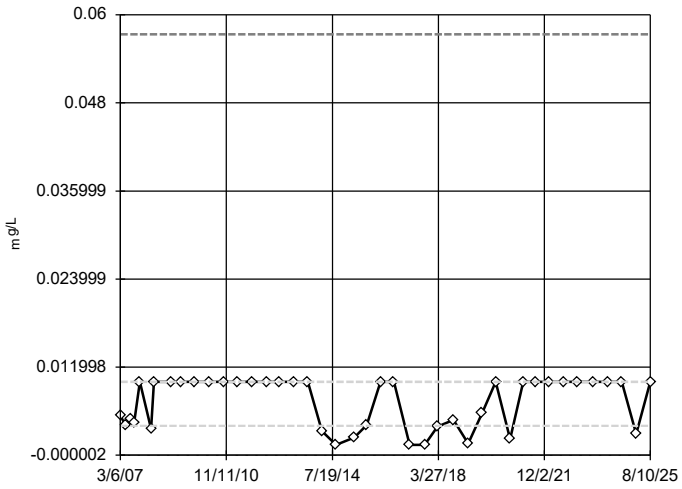
Tukey's Outlier Screening

GWC-23



n = 42

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.05733, low cutoff = -0.000001487, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 3/3/2026 10:23 AM View: Descriptive

Plant Hammond Client: Southern Company Data: Huffaker Road LF

FIGURE D.

Mann-Whitney - Significant Results

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 4/8/2026, 12:37 PM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Antimony (mg/L)	**GWC-22**	**-3.318**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	**GWA-2 (bg)**	**2.682**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	**GWA-3 (bg)**	**-3.047**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	**GWC-7**	**-2.676**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	**GWC-20**	**2.894**	**Yes**	**0.01**	**Yes**	**Mann-W**
Boron (mg/L)	**GWC-7**	**-2.78**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWA-2 (bg)**	**2.928**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWC-7**	**-2.736**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWC-9**	**2.78**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	**GWC-21**	**3.023**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	**GWA-2 (bg)**	**3.078**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	**GWC-9**	**2.81**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	**GWC-19**	**3.077**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	**GWC-20**	**2.774**	**Yes**	**0.01**	**Yes**	**Mann-W**
TDS (mg/L)	**GWA-2 (bg)**	**2.708**	**Yes**	**0.01**	**Yes**	**Mann-W**
TDS (mg/L)	**GWC-20**	**2.818**	**Yes**	**0.01**	**Yes**	**Mann-W**
Vanadium (mg/L)	**GWA-4 (bg)**	**-3.124**	**Yes**	**0.01**	**Yes**	**Mann-W**

Mann-Whitney - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 4/8/2026, 12:37 PM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Antimony (mg/L)	GWA-1 (bg)	0.1366	No	0.01	No	Mann-W
Antimony (mg/L)	GWA-2 (bg)	-0.2277	No	0.01	No	Mann-W
Antimony (mg/L)	GWA-3 (bg)	0.2315	No	0.01	No	Mann-W
Antimony (mg/L)	GWA-4 (bg)	0.3861	No	0.01	No	Mann-W
Antimony (mg/L)	GWA-11 (bg)	0.3861	No	0.01	No	Mann-W
Antimony (mg/L)	GWC-5	0.3861	No	0.01	No	Mann-W
Antimony (mg/L)	GWC-6	0.2315	No	0.01	No	Mann-W
Antimony (mg/L)	GWC-7	-1.503	No	0.01	No	Mann-W
Antimony (mg/L)	GWC-8	0.3909	No	0.01	No	Mann-W
Antimony (mg/L)	GWC-9	0.3861	No	0.01	No	Mann-W
Antimony (mg/L)	GWC-10	0.2315	No	0.01	No	Mann-W
Antimony (mg/L)	GWC-18	-0.05516	No	0.01	No	Mann-W
Antimony (mg/L)	GWC-19	0.2315	No	0.01	No	Mann-W
Antimony (mg/L)	**GWC-22**	**-3.318**	**Yes**	**0.01**	**Yes**	**Mann-W**
Arsenic (mg/L)	GWA-3 (bg)	-0.319	No	0.01	No	Mann-W
Arsenic (mg/L)	GWA-4 (bg)	-0.8659	No	0.01	No	Mann-W
Arsenic (mg/L)	GWA-11 (bg)	-2.096	No	0.01	No	Mann-W
Arsenic (mg/L)	GWC-5	0.3861	No	0.01	No	Mann-W
Arsenic (mg/L)	GWC-7	0.9921	No	0.01	No	Mann-W
Arsenic (mg/L)	GWC-8	0.02524	No	0.01	No	Mann-W
Arsenic (mg/L)	GWC-9	0.2315	No	0.01	No	Mann-W
Arsenic (mg/L)	GWC-18	0.5009	No	0.01	No	Mann-W
Arsenic (mg/L)	GWC-21	-0.3889	No	0.01	No	Mann-W
Arsenic (mg/L)	GWC-23	0.3815	No	0.01	No	Mann-W
Barium (mg/L)	GWA-1 (bg)	-1.191	No	0.01	No	Mann-W
Barium (mg/L)	**GWA-2 (bg)**	**2.682**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	**GWA-3 (bg)**	**-3.047**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	GWA-4 (bg)	-0.1959	No	0.01	No	Mann-W
Barium (mg/L)	GWA-11 (bg)	-1.555	No	0.01	No	Mann-W
Barium (mg/L)	GWC-5	-2.422	No	0.01	No	Mann-W
Barium (mg/L)	GWC-6	-1.055	No	0.01	No	Mann-W
Barium (mg/L)	**GWC-7**	**-2.676**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	GWC-8	1.666	No	0.01	No	Mann-W
Barium (mg/L)	GWC-9	2.267	No	0.01	No	Mann-W
Barium (mg/L)	GWC-10	0.01831	No	0.01	No	Mann-W
Barium (mg/L)	GWC-18	1.717	No	0.01	No	Mann-W
Barium (mg/L)	GWC-19	0.5495	No	0.01	No	Mann-W
Barium (mg/L)	**GWC-20**	**2.894**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	GWC-21	0.09974	No	0.01	No	Mann-W
Barium (mg/L)	GWC-22	-0.3189	No	0.01	No	Mann-W
Barium (mg/L)	GWC-23	1.201	No	0.01	No	Mann-W
Beryllium (mg/L)	GWA-3 (bg)	0.2315	No	0.01	No	Mann-W
Beryllium (mg/L)	GWC-7	-0.8697	No	0.01	No	Mann-W
Beryllium (mg/L)	GWC-19	0.2315	No	0.01	No	Mann-W
Boron (mg/L)	GWA-1 (bg)	-0.6691	No	0.01	No	Mann-W
Boron (mg/L)	GWA-2 (bg)	-0.9275	No	0.01	No	Mann-W
Boron (mg/L)	GWA-3 (bg)	-1.788	No	0.01	No	Mann-W
Boron (mg/L)	GWA-4 (bg)	-1.557	No	0.01	No	Mann-W
Boron (mg/L)	GWA-11 (bg)	0.5943	No	0.01	No	Mann-W
Boron (mg/L)	GWC-5	-0.482	No	0.01	No	Mann-W
Boron (mg/L)	GWC-6	2.242	No	0.01	No	Mann-W
Boron (mg/L)	**GWC-7**	**-2.78**	**Yes**	**0.01**	**Yes**	**Mann-W**
Boron (mg/L)	GWC-8	0.7468	No	0.01	No	Mann-W
Boron (mg/L)	GWC-9	0.8542	No	0.01	No	Mann-W
Boron (mg/L)	GWC-10	-0.1856	No	0.01	No	Mann-W
Boron (mg/L)	GWC-18	1.431	No	0.01	No	Mann-W
Boron (mg/L)	GWC-19	-1.907	No	0.01	No	Mann-W
Boron (mg/L)	GWC-20	0.9341	No	0.01	No	Mann-W
Boron (mg/L)	GWC-21	0.2435	No	0.01	No	Mann-W
Boron (mg/L)	GWC-22	1.075	No	0.01	No	Mann-W
Boron (mg/L)	GWC-23	-0.7368	No	0.01	No	Mann-W
Cadmium (mg/L)	GWA-4 (bg)	0.2315	No	0.01	No	Mann-W
Cadmium (mg/L)	GWC-5	-0.3858	No	0.01	No	Mann-W
Cadmium (mg/L)	GWC-7	-0.4815	No	0.01	No	Mann-W
Cadmium (mg/L)	GWC-8	0.2315	No	0.01	No	Mann-W
Cadmium (mg/L)	GWC-9	0.3861	No	0.01	No	Mann-W
Cadmium (mg/L)	GWC-10	0.2315	No	0.01	No	Mann-W
Cadmium (mg/L)	GWC-18	0.2315	No	0.01	No	Mann-W

Mann-Whitney - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 4/8/2026, 12:37 PM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Cadmium (mg/L)	GWC-20	0.2343	No	0.01	No	Mann-W
Cadmium (mg/L)	GWC-21	0.391	No	0.01	No	Mann-W
Cadmium (mg/L)	GWC-23	0.2287	No	0.01	No	Mann-W
Calcium (mg/L)	GWA-1 (bg)	0	No	0.01	No	Mann-W
Calcium (mg/L)	**GWA-2 (bg)**	**2.928**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	GWA-3 (bg)	-1.928	No	0.01	No	Mann-W
Calcium (mg/L)	GWA-4 (bg)	0.1112	No	0.01	No	Mann-W
Calcium (mg/L)	GWA-11 (bg)	-0.3708	No	0.01	No	Mann-W
Calcium (mg/L)	GWC-5	0.4448	No	0.01	No	Mann-W
Calcium (mg/L)	GWC-6	0.3707	No	0.01	No	Mann-W
Calcium (mg/L)	**GWC-7**	**-2.736**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	GWC-8	1.805	No	0.01	No	Mann-W
Calcium (mg/L)	**GWC-9**	**2.78**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	GWC-10	0.1024	No	0.01	No	Mann-W
Calcium (mg/L)	GWC-18	0.462	No	0.01	No	Mann-W
Calcium (mg/L)	GWC-19	1.493	No	0.01	No	Mann-W
Calcium (mg/L)	GWC-20	2.168	No	0.01	No	Mann-W
Calcium (mg/L)	GWC-21	-1.674	No	0.01	No	Mann-W
Calcium (mg/L)	GWC-22	0.03717	No	0.01	No	Mann-W
Calcium (mg/L)	GWC-23	0.9596	No	0.01	No	Mann-W
Chloride (mg/L)	GWA-1 (bg)	1.03	No	0.01	No	Mann-W
Chloride (mg/L)	GWA-2 (bg)	1.864	No	0.01	No	Mann-W
Chloride (mg/L)	GWA-3 (bg)	-2.449	No	0.01	No	Mann-W
Chloride (mg/L)	GWA-4 (bg)	-1.781	No	0.01	No	Mann-W
Chloride (mg/L)	GWA-11 (bg)	-0.7574	No	0.01	No	Mann-W
Chloride (mg/L)	GWC-5	-0.5941	No	0.01	No	Mann-W
Chloride (mg/L)	GWC-6	-0.8609	No	0.01	No	Mann-W
Chloride (mg/L)	GWC-7	2.506	No	0.01	No	Mann-W
Chloride (mg/L)	GWC-8	0.4108	No	0.01	No	Mann-W
Chloride (mg/L)	GWC-9	-0.6334	No	0.01	No	Mann-W
Chloride (mg/L)	GWC-10	-1.545	No	0.01	No	Mann-W
Chloride (mg/L)	GWC-18	-1.304	No	0.01	No	Mann-W
Chloride (mg/L)	GWC-19	-1.241	No	0.01	No	Mann-W
Chloride (mg/L)	GWC-20	-0.8608	No	0.01	No	Mann-W
Chloride (mg/L)	**GWC-21**	**3.023**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	GWC-22	-0.7466	No	0.01	No	Mann-W
Chloride (mg/L)	GWC-23	-1.228	No	0.01	No	Mann-W
Chromium (mg/L)	GWA-1 (bg)	-0.05516	No	0.01	No	Mann-W
Chromium (mg/L)	GWA-2 (bg)	0.2315	No	0.01	No	Mann-W
Chromium (mg/L)	GWA-3 (bg)	0.3861	No	0.01	No	Mann-W
Chromium (mg/L)	GWA-4 (bg)	0.3861	No	0.01	No	Mann-W
Chromium (mg/L)	GWA-11 (bg)	-1.117	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-5	0.2315	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-6	0.2315	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-7	0.8535	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-8	0.3968	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-9	0.5009	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-10	-0.9018	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-18	0.3861	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-19	0.5009	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-20	0.1384	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-21	0.3909	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-22	0.5982	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-23	-0.0545	No	0.01	No	Mann-W
Cobalt (mg/L)	GWA-1 (bg)	-0.4896	No	0.01	No	Mann-W
Cobalt (mg/L)	GWA-2 (bg)	0.2315	No	0.01	No	Mann-W
Cobalt (mg/L)	GWA-3 (bg)	-1.717	No	0.01	No	Mann-W
Cobalt (mg/L)	GWA-4 (bg)	1.38	No	0.01	No	Mann-W
Cobalt (mg/L)	GWA-11 (bg)	-0.08265	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-5	-1.859	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-6	0.2315	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-7	0.08842	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-8	-2.363	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-9	-2.154	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-10	0.2315	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-21	-0.9814	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-23	0.5908	No	0.01	No	Mann-W
Copper (mg/L)	GWA-2 (bg)	0.5351	No	0.01	No	Mann-W

Mann-Whitney - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 4/8/2026, 12:37 PM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Copper (mg/L)	GWA-3 (bg)	0.5351	No	0.01	No	Mann-W
Copper (mg/L)	GWA-4 (bg)	-0.2432	No	0.01	No	Mann-W
Copper (mg/L)	GWA-11 (bg)	0.5351	No	0.01	No	Mann-W
Copper (mg/L)	GWC-5	0.7342	No	0.01	No	Mann-W
Copper (mg/L)	GWC-6	0.2466	No	0.01	No	Mann-W
Copper (mg/L)	GWC-7	0.3744	No	0.01	No	Mann-W
Copper (mg/L)	GWC-8	-0.05885	No	0.01	No	Mann-W
Copper (mg/L)	GWC-9	0.4119	No	0.01	No	Mann-W
Copper (mg/L)	GWC-10	0.5277	No	0.01	No	Mann-W
Copper (mg/L)	GWC-18	0.5351	No	0.01	No	Mann-W
Copper (mg/L)	GWC-19	0.7342	No	0.01	No	Mann-W
Copper (mg/L)	GWC-20	0.4177	No	0.01	No	Mann-W
Copper (mg/L)	GWC-21	-0.1778	No	0.01	No	Mann-W
Copper (mg/L)	GWC-22	0.5351	No	0.01	No	Mann-W
Copper (mg/L)	GWC-23	0.806	No	0.01	No	Mann-W
Fluoride (mg/L)	GWA-1 (bg)	-0.07443	No	0.01	No	Mann-W
Fluoride (mg/L)	GWA-2 (bg)	-2.337	No	0.01	No	Mann-W
Fluoride (mg/L)	GWA-3 (bg)	-1.893	No	0.01	No	Mann-W
Fluoride (mg/L)	GWA-4 (bg)	-1.275	No	0.01	No	Mann-W
Fluoride (mg/L)	GWA-11 (bg)	-0.1115	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-5	-0.2605	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-6	-0.6675	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-7	-1.079	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-8	-1.039	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-9	-1.151	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-10	-1.486	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-18	-0.5989	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-19	-1.829	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-20	-2.003	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-21	-0.1898	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-22	-1.595	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-23	-0.07434	No	0.01	No	Mann-W
Lead (mg/L)	GWA-3 (bg)	0.3861	No	0.01	No	Mann-W
Lead (mg/L)	GWA-11 (bg)	0.2315	No	0.01	No	Mann-W
Lead (mg/L)	GWC-5	0.3861	No	0.01	No	Mann-W
Lead (mg/L)	GWC-6	0.2315	No	0.01	No	Mann-W
Lead (mg/L)	GWC-7	0.7598	No	0.01	No	Mann-W
Lead (mg/L)	GWC-8	-1.503	No	0.01	No	Mann-W
Lead (mg/L)	GWC-10	0.2315	No	0.01	No	Mann-W
Lead (mg/L)	GWC-18	0.2315	No	0.01	No	Mann-W
Lead (mg/L)	GWC-19	0.5009	No	0.01	No	Mann-W
Lead (mg/L)	GWC-20	0.2343	No	0.01	No	Mann-W
Lead (mg/L)	GWC-21	0.6059	No	0.01	No	Mann-W
Lead (mg/L)	GWC-22	0.5982	No	0.01	No	Mann-W
Lead (mg/L)	GWC-23	0.7561	No	0.01	No	Mann-W
Nickel (mg/L)	GWA-1 (bg)	0.9047	No	0.01	No	Mann-W
Nickel (mg/L)	GWA-2 (bg)	0.2466	No	0.01	No	Mann-W
Nickel (mg/L)	GWA-3 (bg)	0.9843	No	0.01	No	Mann-W
Nickel (mg/L)	GWA-4 (bg)	1.45	No	0.01	No	Mann-W
Nickel (mg/L)	GWA-11 (bg)	-0.1159	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-5	0.9047	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-6	0.5351	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-7	0.8889	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-8	0.4689	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-9	0.4444	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-10	0.2466	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-18	1.061	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-19	0.1459	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-20	0.4177	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-21	1.761	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-22	0.2466	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-23	1.191	No	0.01	No	Mann-W
pH, Field (SU)	GWA-1 (bg)	0.8534	No	0.01	No	Mann-W
pH, Field (SU)	GWA-2 (bg)	-1.968	No	0.01	No	Mann-W
pH, Field (SU)	GWA-3 (bg)	-0.1854	No	0.01	No	Mann-W
pH, Field (SU)	GWA-4 (bg)	1.522	No	0.01	No	Mann-W
pH, Field (SU)	GWA-11 (bg)	2.115	No	0.01	No	Mann-W
pH, Field (SU)	GWC-5	2.263	No	0.01	No	Mann-W

Mann-Whitney - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 4/8/2026, 12:37 PM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
pH, Field (SU)	GWC-6	2.395	No	0.01	No	Mann-W
pH, Field (SU)	GWC-7	-2.246	No	0.01	No	Mann-W
pH, Field (SU)	GWC-8	0.4411	No	0.01	No	Mann-W
pH, Field (SU)	GWC-9	0.3757	No	0.01	No	Mann-W
pH, Field (SU)	GWC-10	2.122	No	0.01	No	Mann-W
pH, Field (SU)	GWC-18	2.461	No	0.01	No	Mann-W
pH, Field (SU)	GWC-19	0.987	No	0.01	No	Mann-W
pH, Field (SU)	GWC-20	0.9703	No	0.01	No	Mann-W
pH, Field (SU)	GWC-21	-1.336	No	0.01	No	Mann-W
pH, Field (SU)	GWC-22	-1.093	No	0.01	No	Mann-W
pH, Field (SU)	GWC-23	1.486	No	0.01	No	Mann-W
Selenium (mg/L)	GWA-4 (bg)	0.2315	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-9	0.2315	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-10	0.2315	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-21	0.3909	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-22	0.3861	No	0.01	No	Mann-W
Silver (mg/L)	GWC-21	-0.4167	No	0.01	No	Mann-W
Sulfate (mg/L)	GWA-1 (bg)	-1.414	No	0.01	No	Mann-W
Sulfate (mg/L)	**GWA-2 (bg)**	**3.078**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	GWA-3 (bg)	-1.176	No	0.01	No	Mann-W
Sulfate (mg/L)	GWA-4 (bg)	-1.112	No	0.01	No	Mann-W
Sulfate (mg/L)	GWA-11 (bg)	-2.491	No	0.01	No	Mann-W
Sulfate (mg/L)	GWC-5	1.866	No	0.01	No	Mann-W
Sulfate (mg/L)	GWC-6	-2.383	No	0.01	No	Mann-W
Sulfate (mg/L)	GWC-7	0.6682	No	0.01	No	Mann-W
Sulfate (mg/L)	GWC-8	0.8158	No	0.01	No	Mann-W
Sulfate (mg/L)	**GWC-9**	**2.81**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	GWC-10	-2.419	No	0.01	No	Mann-W
Sulfate (mg/L)	GWC-18	-2.484	No	0.01	No	Mann-W
Sulfate (mg/L)	**GWC-19**	**3.077**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	**GWC-20**	**2.774**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	GWC-21	-1.447	No	0.01	No	Mann-W
Sulfate (mg/L)	GWC-22	-0.9273	No	0.01	No	Mann-W
Sulfate (mg/L)	GWC-23	-0.7709	No	0.01	No	Mann-W
TDS (mg/L)	GWA-1 (bg)	1.335	No	0.01	No	Mann-W
TDS (mg/L)	**GWA-2 (bg)**	**2.708**	**Yes**	**0.01**	**Yes**	**Mann-W**
TDS (mg/L)	GWA-3 (bg)	-1.582	No	0.01	No	Mann-W
TDS (mg/L)	GWA-4 (bg)	-0.04726	No	0.01	No	Mann-W
TDS (mg/L)	GWA-11 (bg)	2.044	No	0.01	No	Mann-W
TDS (mg/L)	GWC-5	1.669	No	0.01	No	Mann-W
TDS (mg/L)	GWC-6	-0.4438	No	0.01	No	Mann-W
TDS (mg/L)	GWC-7	0.6304	No	0.01	No	Mann-W
TDS (mg/L)	GWC-8	2.007	No	0.01	No	Mann-W
TDS (mg/L)	GWC-9	2.115	No	0.01	No	Mann-W
TDS (mg/L)	GWC-10	0.7415	No	0.01	No	Mann-W
TDS (mg/L)	GWC-18	0.9301	No	0.01	No	Mann-W
TDS (mg/L)	GWC-19	2.403	No	0.01	No	Mann-W
TDS (mg/L)	**GWC-20**	**2.818**	**Yes**	**0.01**	**Yes**	**Mann-W**
TDS (mg/L)	GWC-21	-0.717	No	0.01	No	Mann-W
TDS (mg/L)	GWC-22	1.862	No	0.01	No	Mann-W
TDS (mg/L)	GWC-23	-0.1483	No	0.01	No	Mann-W
Thallium (mg/L)	GWA-1 (bg)	0.2343	No	0.01	No	Mann-W
Thallium (mg/L)	GWC-7	0.2343	No	0.01	No	Mann-W
Vanadium (mg/L)	GWA-1 (bg)	0.4119	No	0.01	No	Mann-W
Vanadium (mg/L)	**GWA-4 (bg)**	**-3.124**	**Yes**	**0.01**	**Yes**	**Mann-W**
Vanadium (mg/L)	GWC-5	0.2466	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-7	0.7342	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-8	-0.411	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-9	0.2466	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-21	0.4177	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-23	0.2433	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-1 (bg)	0.9844	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-2 (bg)	1.137	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-3 (bg)	-1.818	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-4 (bg)	2.014	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-11 (bg)	1.211	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-5	0.4419	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-6	1.062	No	0.01	No	Mann-W

Mann-Whitney - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 4/8/2026, 12:37 PM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Zinc (mg/L)	GWC-7	0.9275	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-8	0.9037	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-9	1.211	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-10	0.9047	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-18	1.137	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-19	1.144	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-20	0.8346	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-21	-0.5897	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-22	0.8218	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-23	0.5065	No	0.01	No	Mann-W

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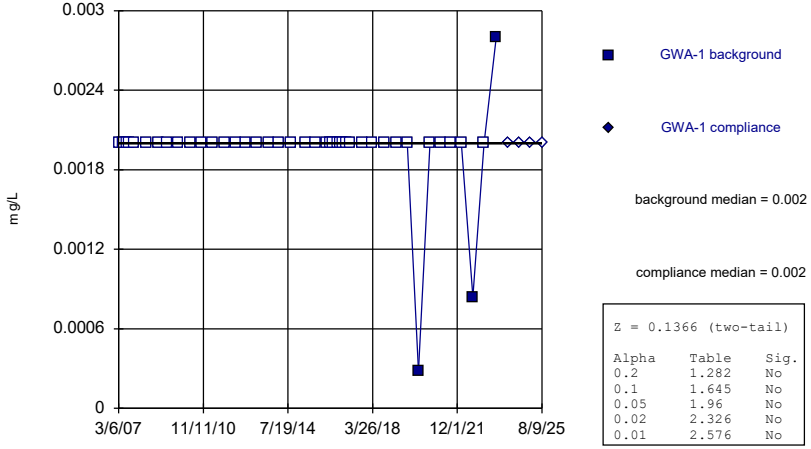
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-1 (bg)



Z = 0.1366 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Antimony Analysis Run 4/8/2026 12:25 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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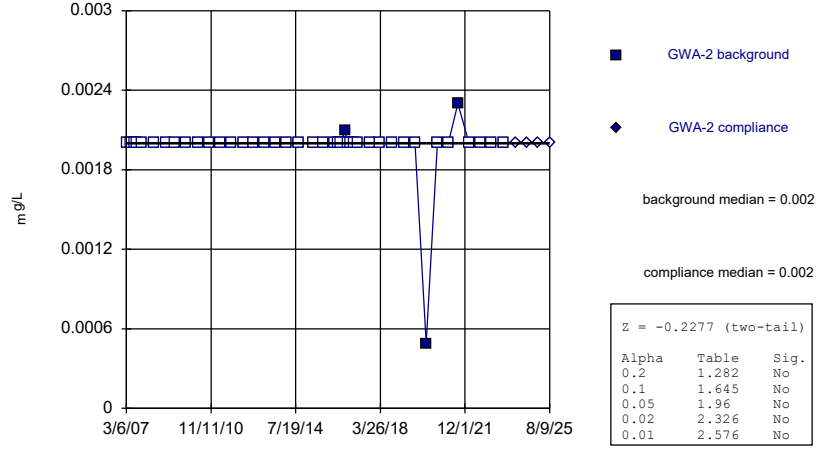
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-2 (bg)



Z = -0.2277 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Antimony Analysis Run 4/8/2026 12:25 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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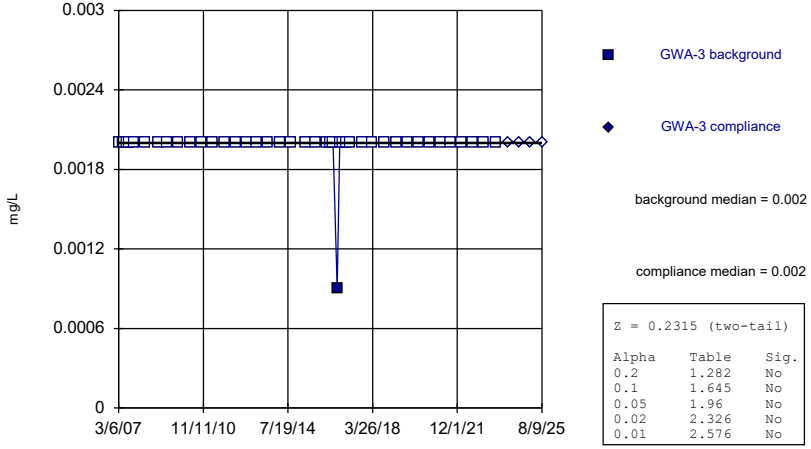
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-3 (bg)



Z = 0.2315 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Antimony Analysis Run 4/8/2026 12:25 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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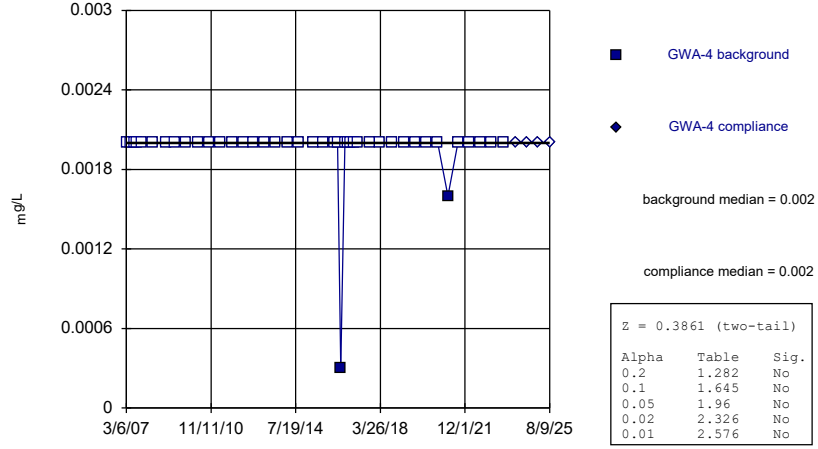
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-4 (bg)



Z = 0.3861 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Antimony Analysis Run 4/8/2026 12:25 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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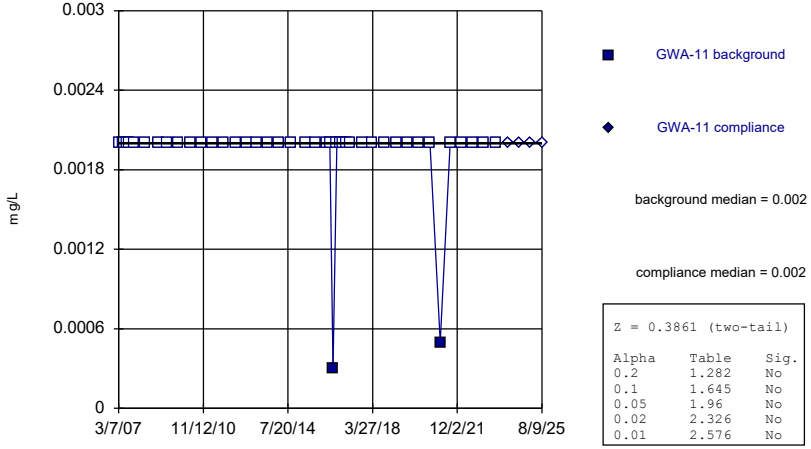
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-11 (bg)



Z = 0.3861 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Antimony Analysis Run 4/8/2026 12:25 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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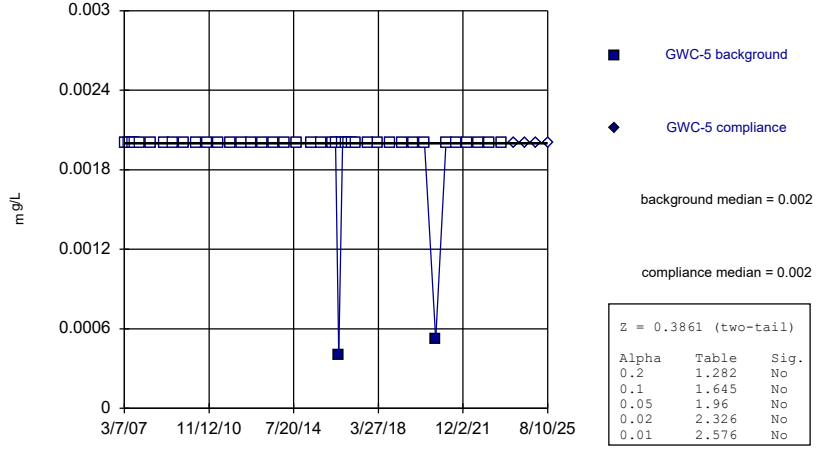
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-5



Z = 0.3861 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Antimony Analysis Run 4/8/2026 12:25 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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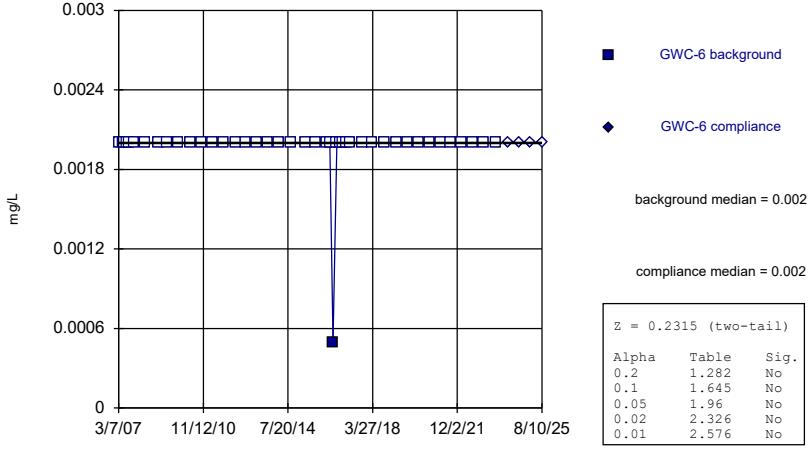
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-6



Z = 0.2315 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Antimony Analysis Run 4/8/2026 12:25 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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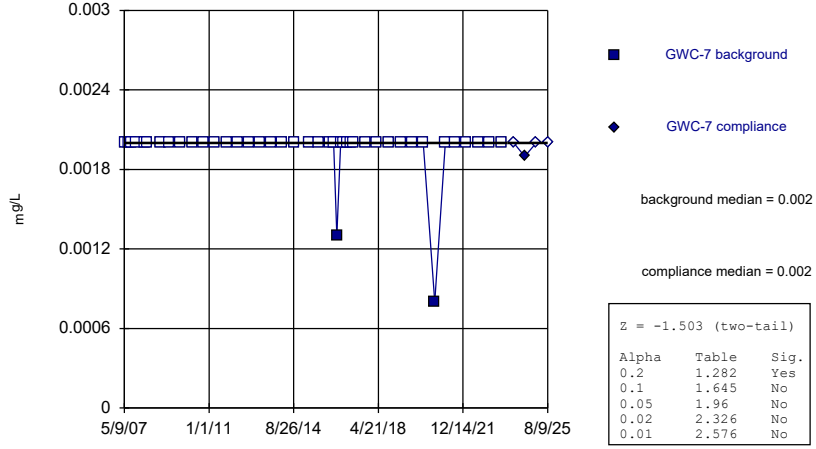
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-7



Z = -1.503 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Antimony Analysis Run 4/8/2026 12:25 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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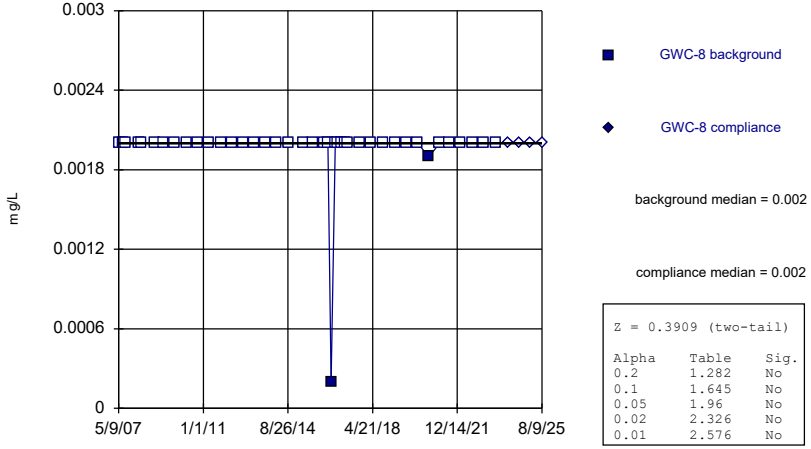
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-8



Z = 0.3909 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Antimony Analysis Run 4/8/2026 12:25 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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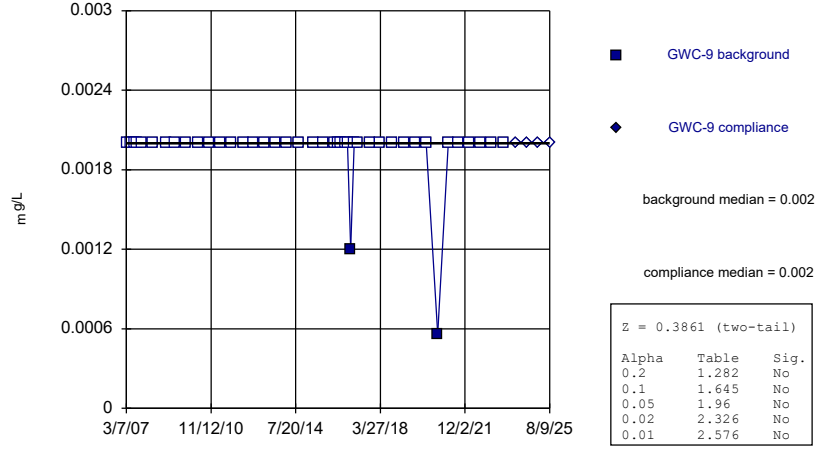
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



Z = 0.3861 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Antimony Analysis Run 4/8/2026 12:25 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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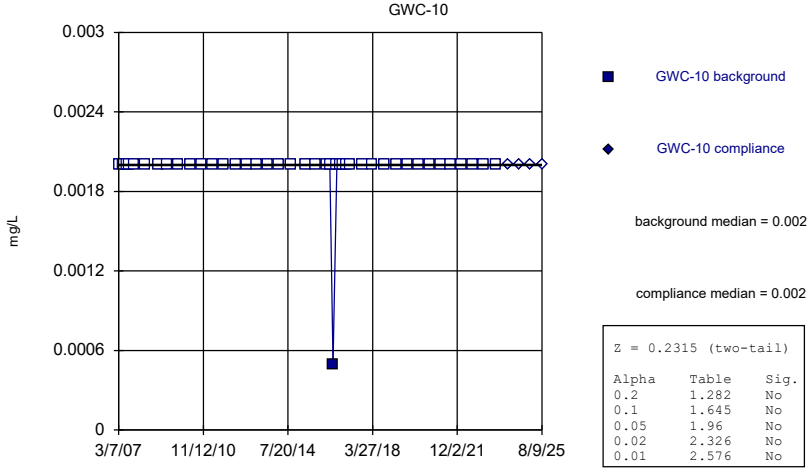
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-10



Z = 0.2315 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Antimony Analysis Run 4/8/2026 12:25 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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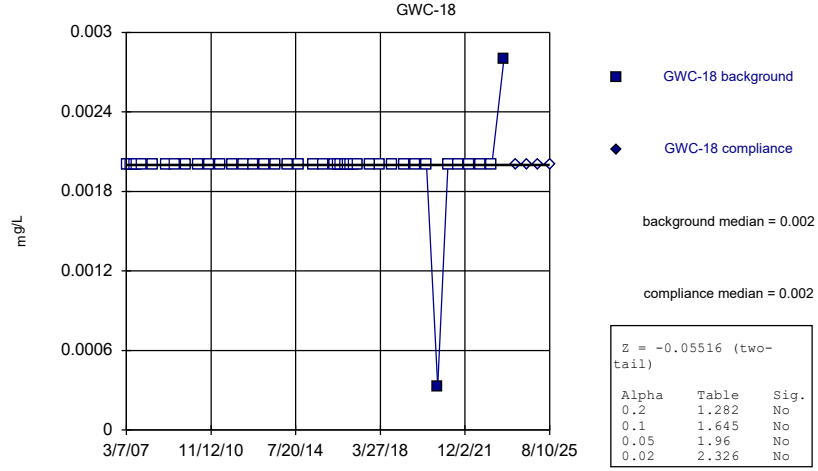
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-18



Z = -0.05516 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No

Constituent: Antimony Analysis Run 4/8/2026 12:25 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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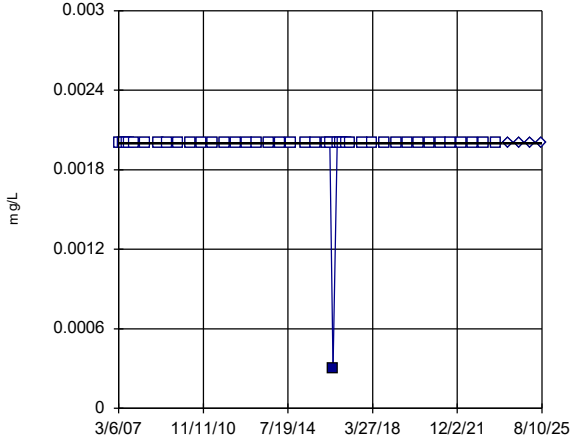
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



GWC-19 background

GWC-19 compliance

background median = 0.002

compliance median = 0.002

```
Z = 0.2315 (two-tail)

Alpha     Table     Sig.
0.2       1.282     No
0.1       1.645     No
0.05      1.96      No
0.02      2.326     No
0.01      2.576     No
```

Constituent: Antimony Analysis Run 4/8/2026 12:25 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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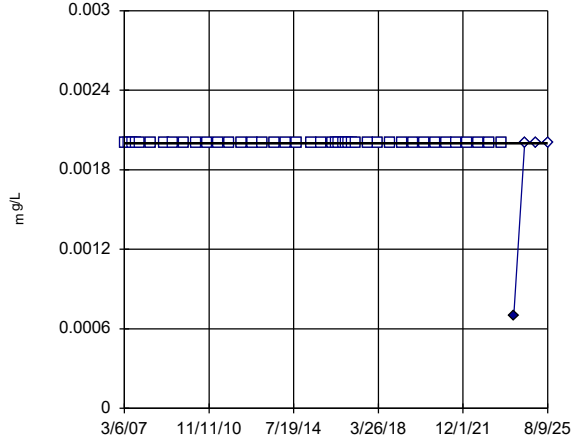
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-22



GWC-22 background

GWC-22 compliance

background median = 0.002

compliance median = 0.002

```
Z = -3.318 (two-tail)

Alpha     Table     Sig.
0.2       1.282     Yes
0.1       1.645     Yes
0.05      1.96      Yes
0.02      2.326     Yes
0.01      2.576     Yes
```

Constituent: Antimony Analysis Run 4/8/2026 12:26 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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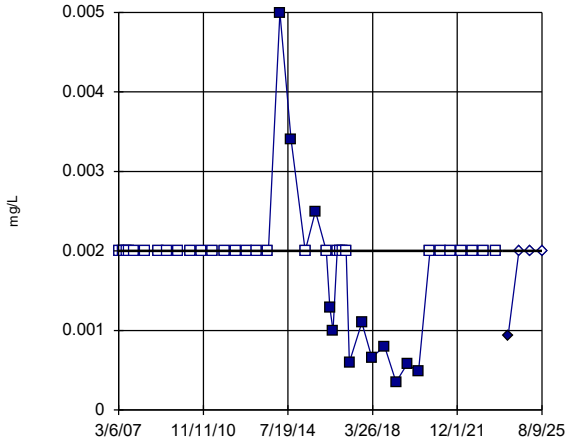
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-3 (bg)



GWA-3 background

GWA-3 compliance

background median = 0.002

compliance median = 0.002

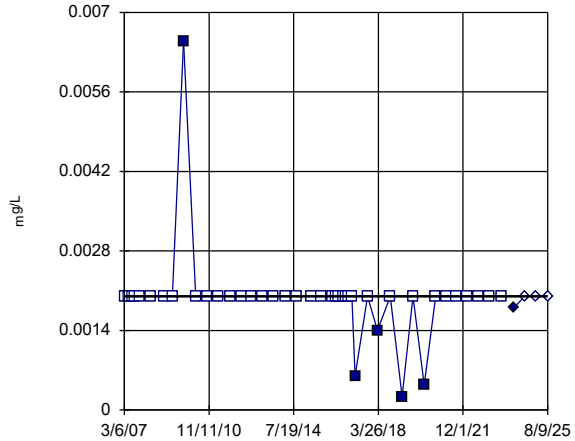
```
Z = -0.319 (two-tail)

Alpha     Table     Sig.
0.2       1.282     No
0.1       1.645     No
0.05      1.96      No
0.02      2.326     No
0.01      2.576     No
```

Constituent: Arsenic Analysis Run 4/8/2026 12:26 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-4 (bg)



GWA-4 background

GWA-4 compliance

background median = 0.002

compliance median = 0.002

```
Z = -0.8659 (two-tail)

Alpha     Table     Sig.
0.2       1.282     No
0.1       1.645     No
0.05      1.96      No
0.02      2.326     No
0.01      2.576     No
```

Constituent: Arsenic Analysis Run 4/8/2026 12:26 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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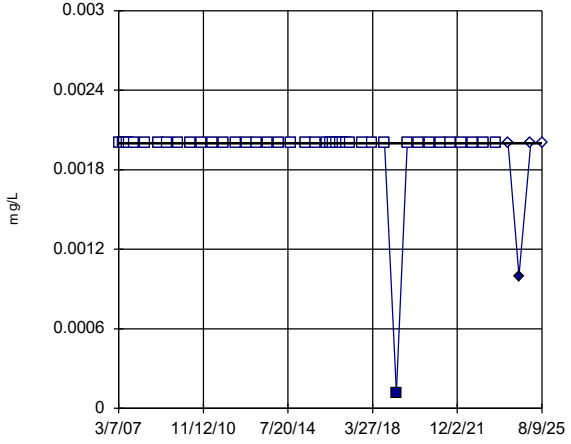
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-11 (bg)



GWA-11 background

GWA-11 compliance

background median = 0.002

compliance median = 0.002

Z = -2.096 (two-tail)

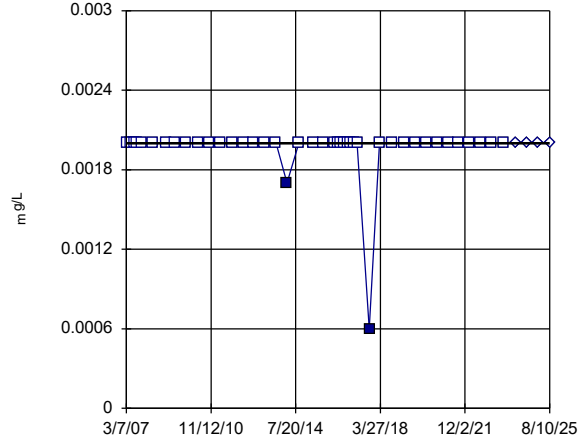
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Arsenic Analysis Run 4/8/2026 12:26 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-5



GWC-5 background

GWC-5 compliance

background median = 0.002

compliance median = 0.002

Z = 0.3861 (two-tail)

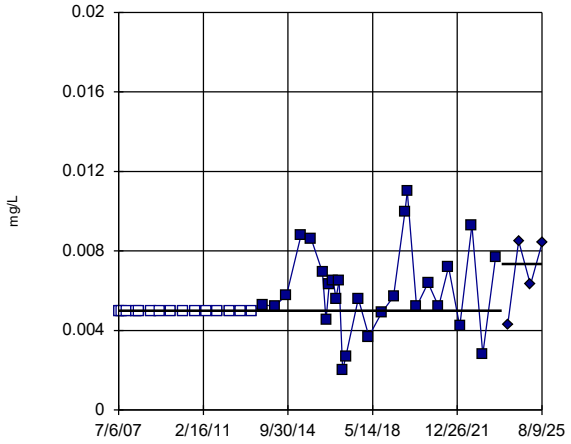
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Arsenic Analysis Run 4/8/2026 12:26 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-7



GWC-7 background

GWC-7 compliance

background median = 0.005

compliance median = 0.00735

Z = 0.9921 (two-tail)

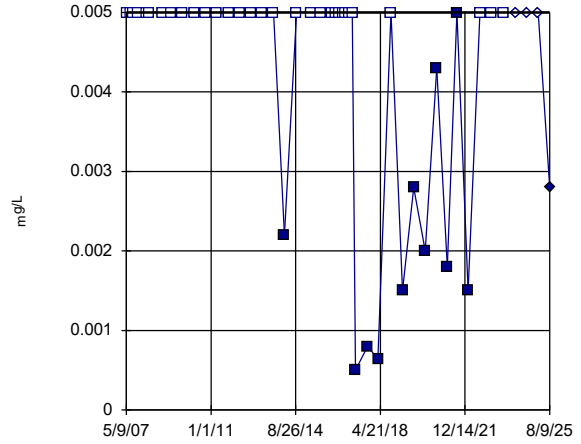
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Arsenic Analysis Run 4/8/2026 12:26 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-8



GWC-8 background

GWC-8 compliance

background median = 0.005

compliance median = 0.005

Z = 0.02524 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Arsenic Analysis Run 4/8/2026 12:26 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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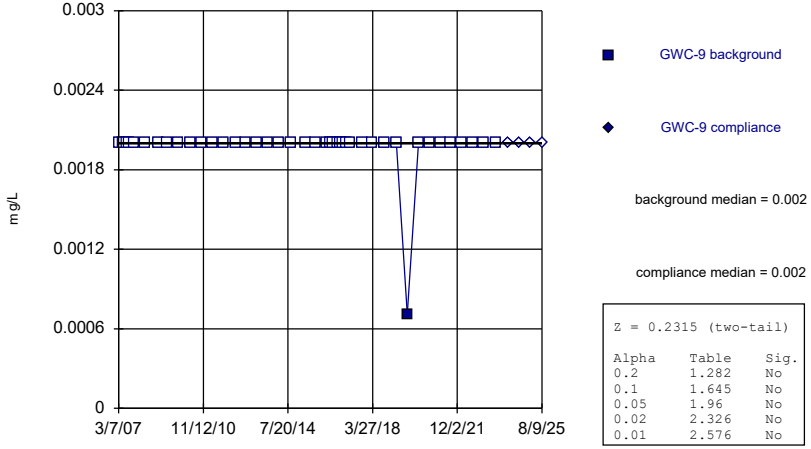
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



Z = 0.2315 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Arsenic Analysis Run 4/8/2026 12:26 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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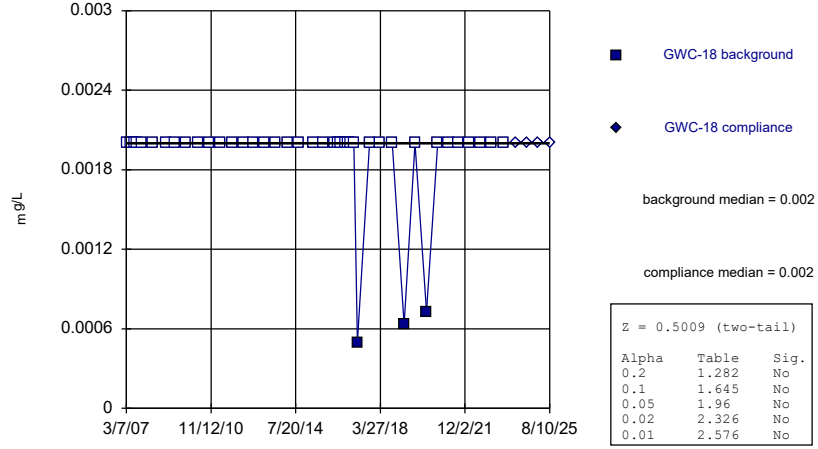
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-18



Z = 0.5009 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Arsenic Analysis Run 4/8/2026 12:26 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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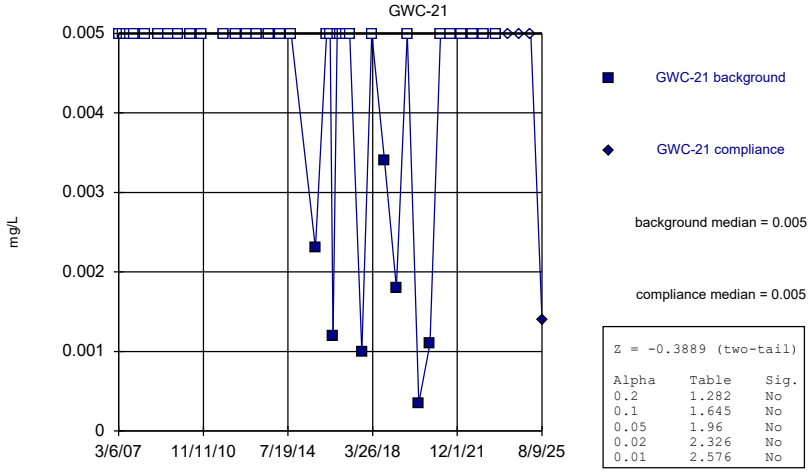
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-21



Z = -0.3889 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Arsenic Analysis Run 4/8/2026 12:26 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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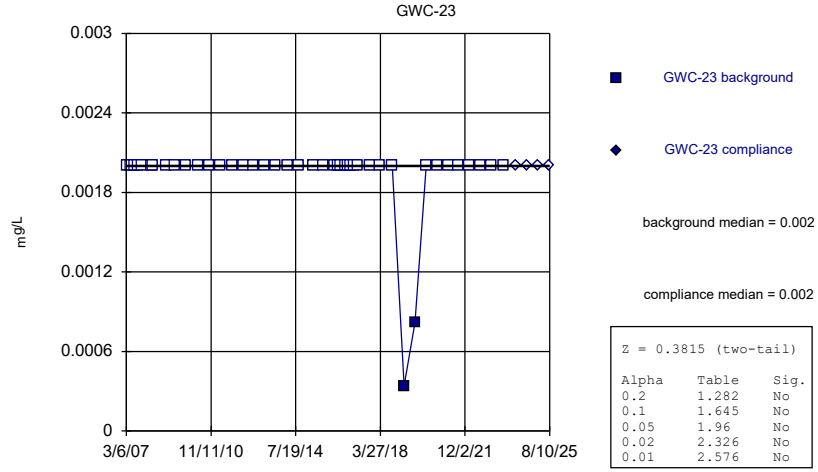
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-23



Z = 0.3815 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Arsenic Analysis Run 4/8/2026 12:26 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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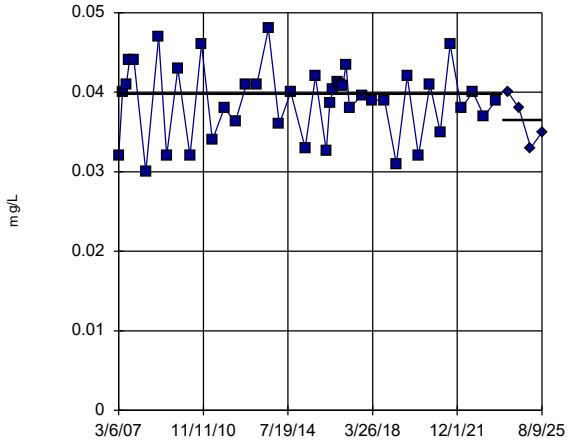
Mann-Whitney (Wilcoxon Rank Sum)

GWA-1 (bg)



GWA-1 background

GWA-1 compliance

background median = 0.0398

compliance median = 0.0365

Z = -1.191 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Barium Analysis Run 4/8/2026 12:26 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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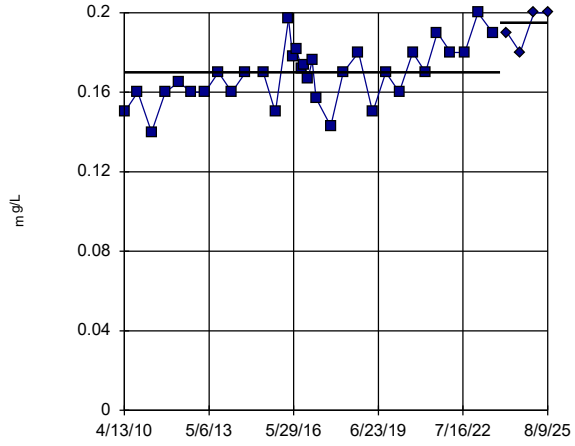
Mann-Whitney (Wilcoxon Rank Sum)

GWA-2 (bg)



GWA-2 background

GWA-2 compliance

background median = 0.17

compliance median = 0.195

Z = 2.682 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Barium Analysis Run 4/8/2026 12:26 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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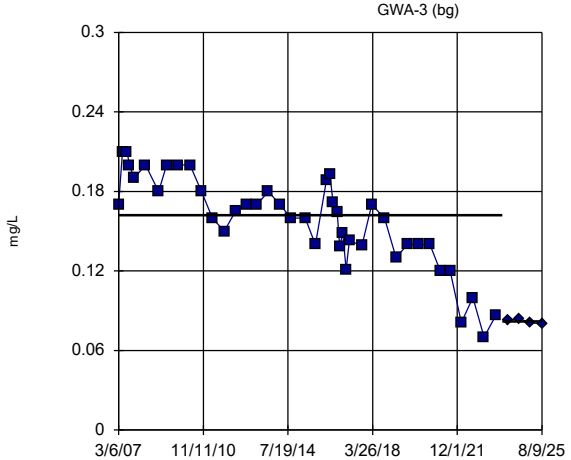
Mann-Whitney (Wilcoxon Rank Sum)

GWA-3 (bg)



GWA-3 background

GWA-3 compliance

background median = 0.162

compliance median = 0.082

Z = -3.047 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Barium Analysis Run 4/8/2026 12:26 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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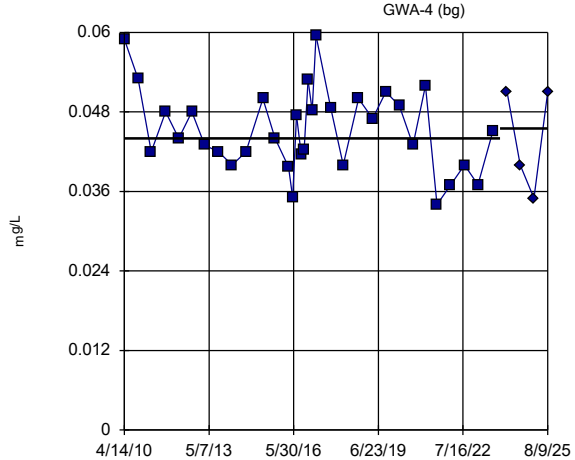
Mann-Whitney (Wilcoxon Rank Sum)

GWA-4 (bg)



GWA-4 background

GWA-4 compliance

background median = 0.044

compliance median = 0.0455

Z = -0.1959 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Barium Analysis Run 4/8/2026 12:26 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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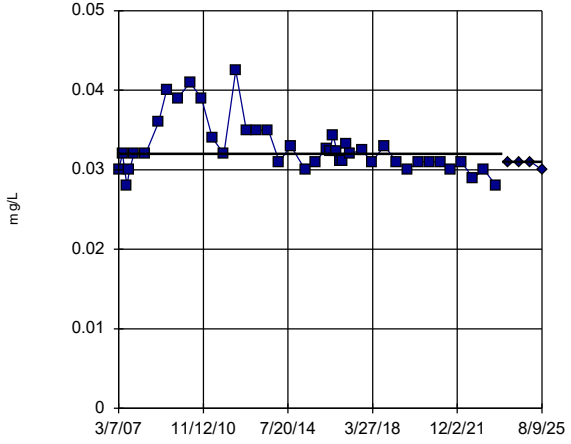
Mann-Whitney (Wilcoxon Rank Sum)

GWA-11 (bg)



GWA-11 background

GWA-11 compliance

background median = 0.032

compliance median = 0.031

Z = -1.555 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Barium Analysis Run 4/8/2026 12:26 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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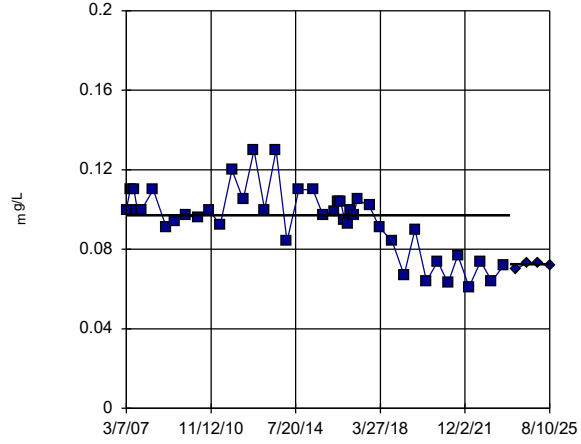
Mann-Whitney (Wilcoxon Rank Sum)

GWC-5



GWC-5 background

GWC-5 compliance

background median = 0.0971

compliance median = 0.0725

Z = -2.422 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: Barium Analysis Run 4/8/2026 12:26 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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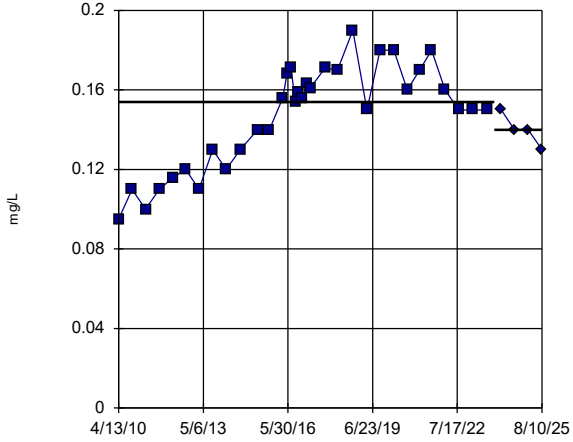
Mann-Whitney (Wilcoxon Rank Sum)

GWC-6



GWC-6 background

GWC-6 compliance

background median = 0.154

compliance median = 0.14

Z = -1.055 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Barium Analysis Run 4/8/2026 12:26 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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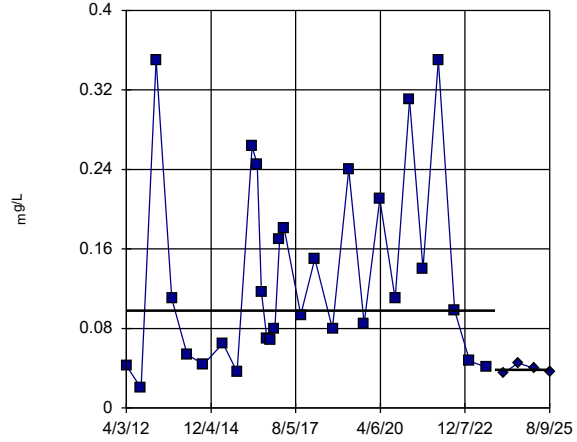
Mann-Whitney (Wilcoxon Rank Sum)

GWC-7



GWC-7 background

GWC-7 compliance

background median = 0.098

compliance median = 0.0385

Z = -2.676 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Barium Analysis Run 4/8/2026 12:26 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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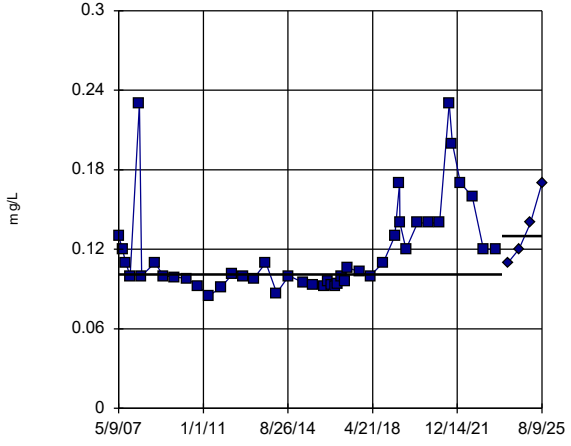
Mann-Whitney (Wilcoxon Rank Sum)

GWC-8



GWC-8 background

GWC-8 compliance

background median = 0.101

compliance median = 0.13

Z = 1.666 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Barium Analysis Run 4/8/2026 12:26 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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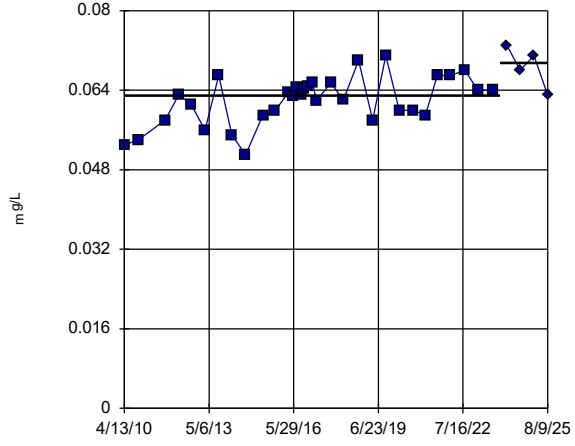
Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



GWC-9 background

GWC-9 compliance

background median = 0.06295

compliance median = 0.0695

Z = 2.267 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Barium Analysis Run 4/8/2026 12:26 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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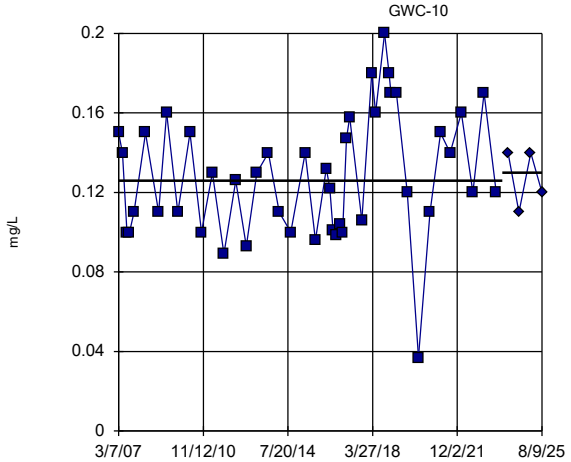
Mann-Whitney (Wilcoxon Rank Sum)

GWC-10



GWC-10 background

GWC-10 compliance

background median = 0.126

compliance median = 0.13

Z = 0.01831 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Barium Analysis Run 4/8/2026 12:26 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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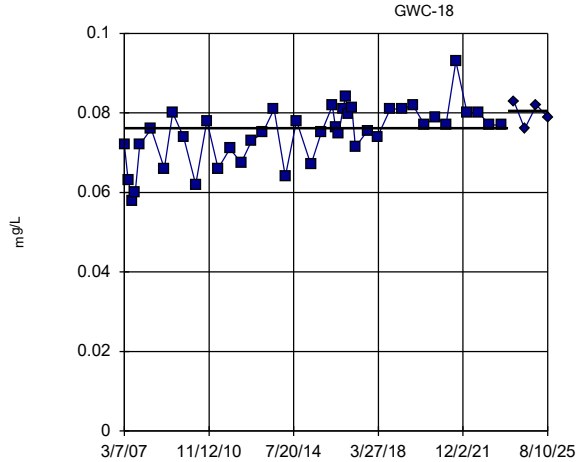
Mann-Whitney (Wilcoxon Rank Sum)

GWC-18



GWC-18 background

GWC-18 compliance

background median = 0.07615

compliance median = 0.0805

Z = 1.717 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Barium Analysis Run 4/8/2026 12:26 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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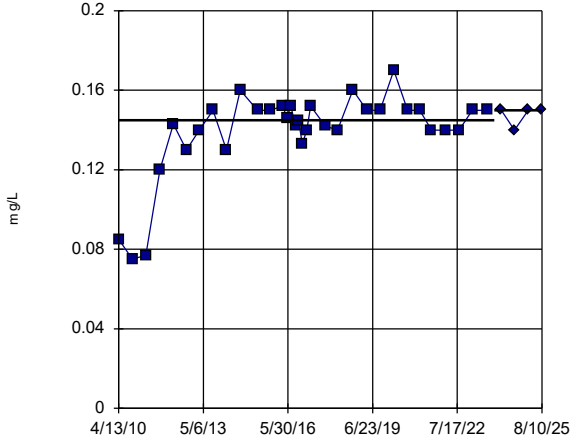
Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



GWC-19 background

GWC-19 compliance

background median = 0.145

compliance median = 0.15

Z = 0.5495 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Barium Analysis Run 4/8/2026 12:26 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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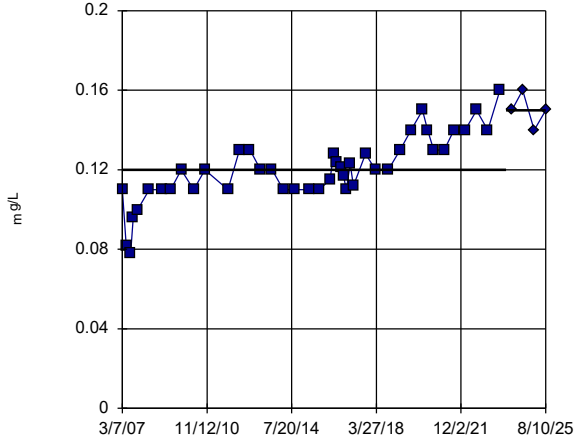
Mann-Whitney (Wilcoxon Rank Sum)

GWC-20



GWC-20 background

GWC-20 compliance

background median = 0.12

compliance median = 0.15

Z = 2.894 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Barium Analysis Run 4/8/2026 12:26 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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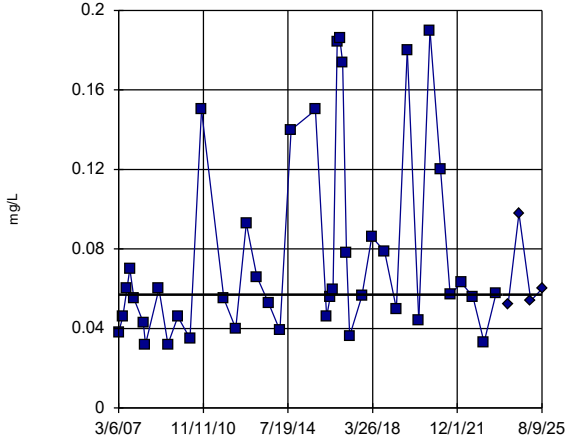
Mann-Whitney (Wilcoxon Rank Sum)

GWC-21



GWC-21 background

GWC-21 compliance

background median = 0.057

compliance median = 0.057

Z = 0.09974 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Barium Analysis Run 4/8/2026 12:26 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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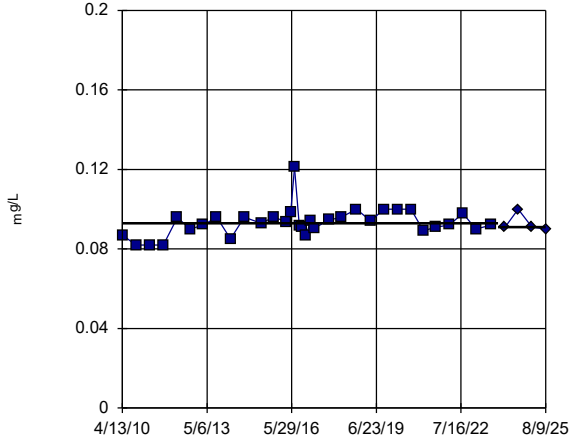
Mann-Whitney (Wilcoxon Rank Sum)

GWC-22



GWC-22 background

GWC-22 compliance

background median = 0.093

compliance median = 0.091

Z = -0.3189 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Barium Analysis Run 4/8/2026 12:26 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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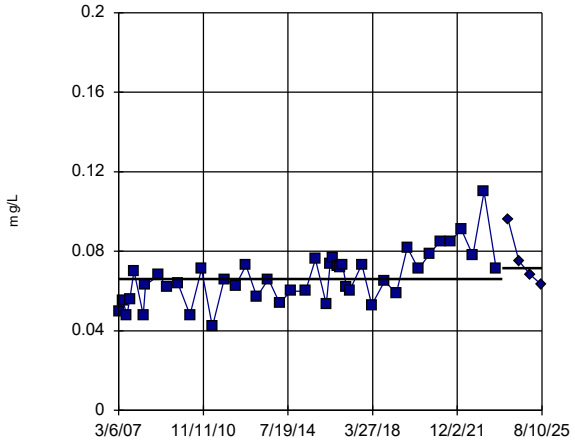
Mann-Whitney (Wilcoxon Rank Sum)

GWC-23



GWC-23 background

GWC-23 compliance

background median = 0.066

compliance median = 0.0715

Z = 1.201 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Barium Analysis Run 4/8/2026 12:26 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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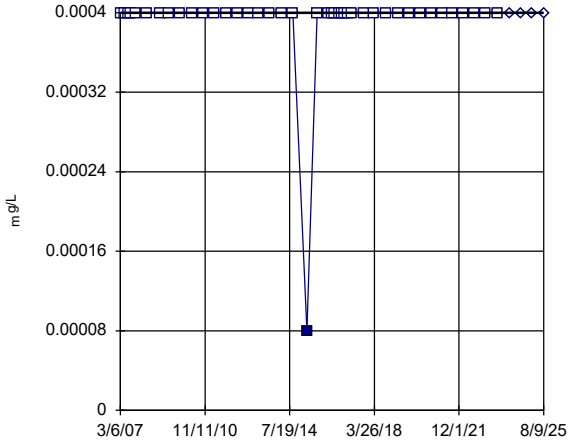
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-3 (bg)



GWA-3 background

GWA-3 compliance

background median = 0.0004

compliance median = 0.0004

Z = 0.2315 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Beryllium Analysis Run 4/8/2026 12:27 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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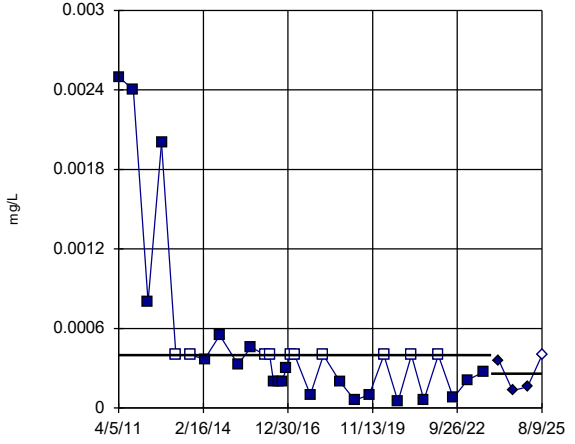
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-7



GWC-7 background

GWC-7 compliance

background median = 0.0004

compliance median = 0.00026

Z = -0.8697 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Beryllium Analysis Run 4/8/2026 12:27 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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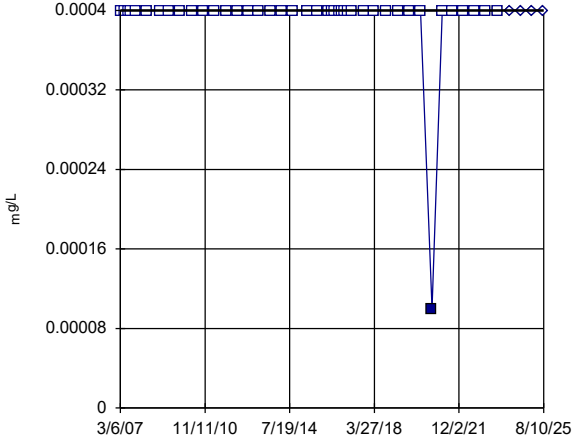
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



GWC-19 background

GWC-19 compliance

background median = 0.0004

compliance median = 0.0004

Z = 0.2315 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Beryllium Analysis Run 4/8/2026 12:27 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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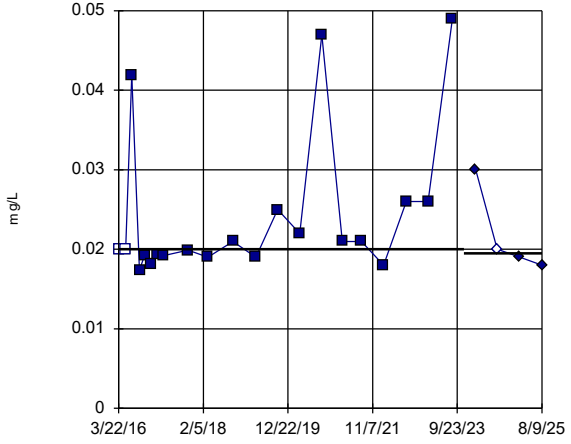
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-1 (bg)



GWA-1 background

GWA-1 compliance

background median = 0.02

compliance median = 0.0195

Z = -0.6691 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 4/8/2026 12:27 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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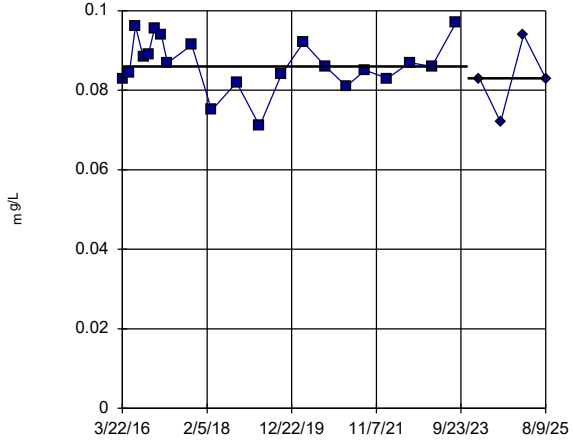
Mann-Whitney (Wilcoxon Rank Sum)

GWA-2 (bg)



GWA-2 background

GWA-2 compliance

background median = 0.086

compliance median = 0.083

Z = -0.9275 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 4/8/2026 12:27 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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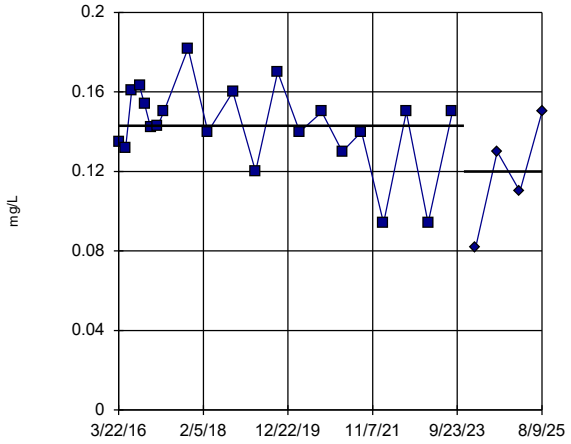
Mann-Whitney (Wilcoxon Rank Sum)

GWA-3 (bg)



GWA-3 background

GWA-3 compliance

background median = 0.143

compliance median = 0.12

Z = -1.788 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 4/8/2026 12:27 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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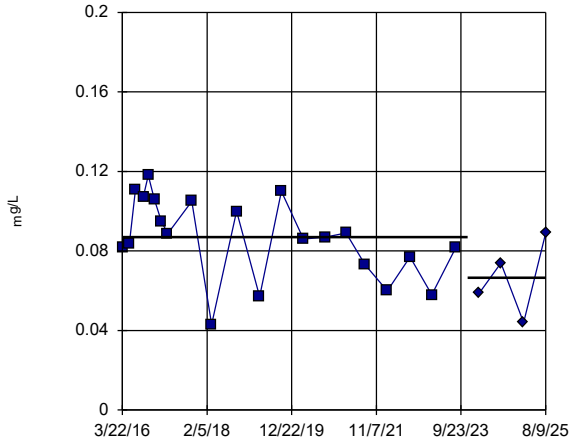
Mann-Whitney (Wilcoxon Rank Sum)

GWA-4 (bg)



GWA-4 background

GWA-4 compliance

background median = 0.087

compliance median = 0.0665

Z = -1.557 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 4/8/2026 12:27 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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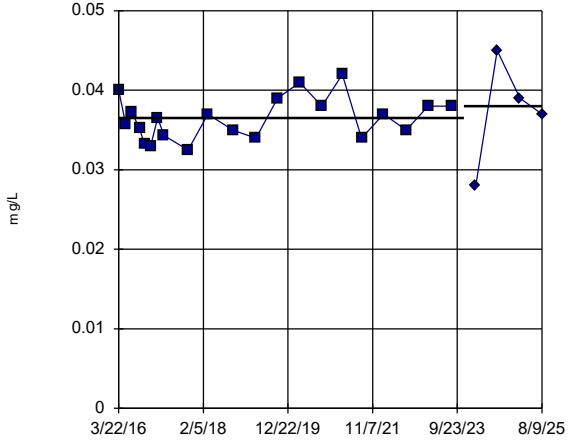
Mann-Whitney (Wilcoxon Rank Sum)

GWA-11 (bg)



GWA-11 background

GWA-11 compliance

background median = 0.0365

compliance median = 0.038

Z = 0.5943 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 4/8/2026 12:27 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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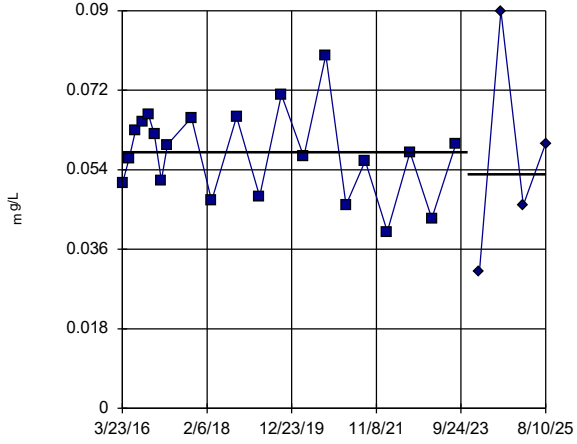
Mann-Whitney (Wilcoxon Rank Sum)

GWC-5



GWC-5 background

GWC-5 compliance

background median = 0.058

compliance median = 0.053

Z = -0.482 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 4/8/2026 12:27 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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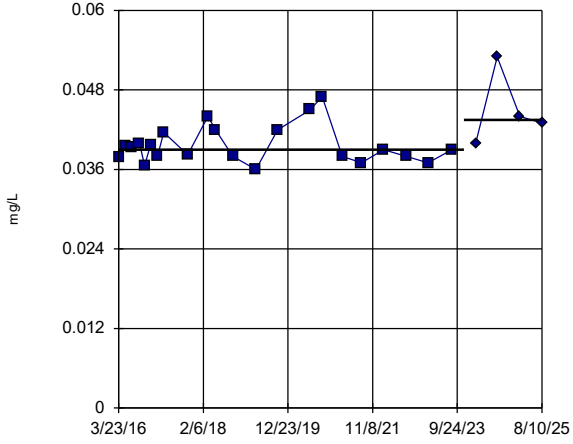
Mann-Whitney (Wilcoxon Rank Sum)

GWC-6



GWC-6 background

GWC-6 compliance

background median = 0.039

compliance median = 0.0435

Z = 2.242 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 4/8/2026 12:27 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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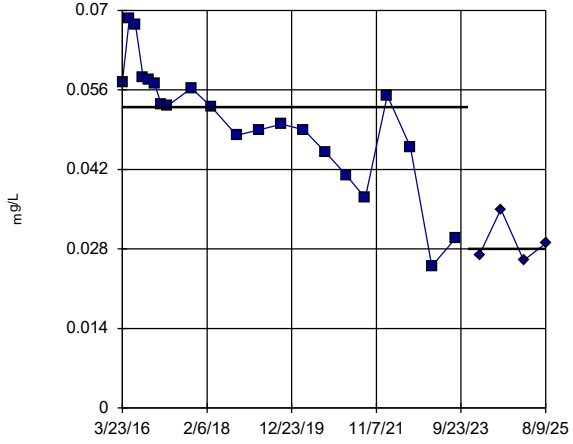
Mann-Whitney (Wilcoxon Rank Sum)

GWC-7



GWC-7 background

GWC-7 compliance

background median = 0.053

compliance median = 0.028

Z = -2.78 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Boron Analysis Run 4/8/2026 12:27 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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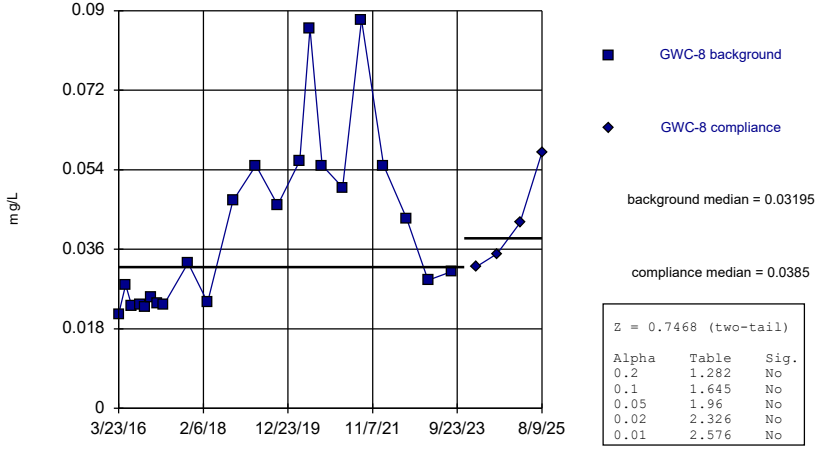
Mann-Whitney (Wilcoxon Rank Sum)

GWC-8



Z = 0.7468 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 4/8/2026 12:27 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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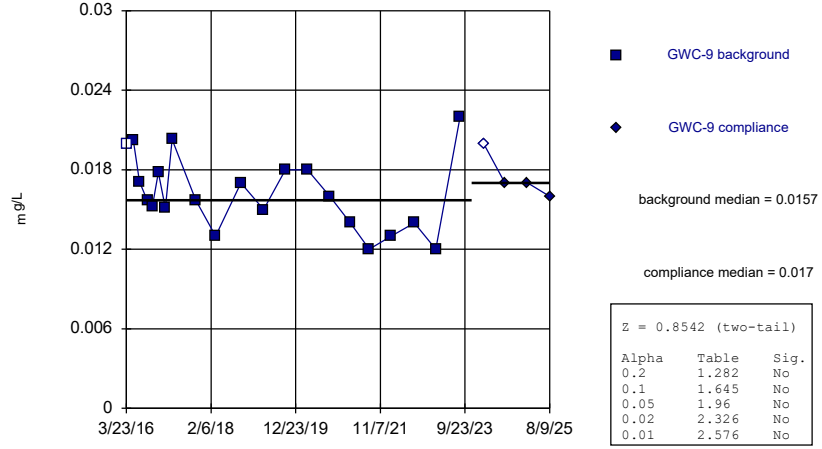
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



Z = 0.8542 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 4/8/2026 12:27 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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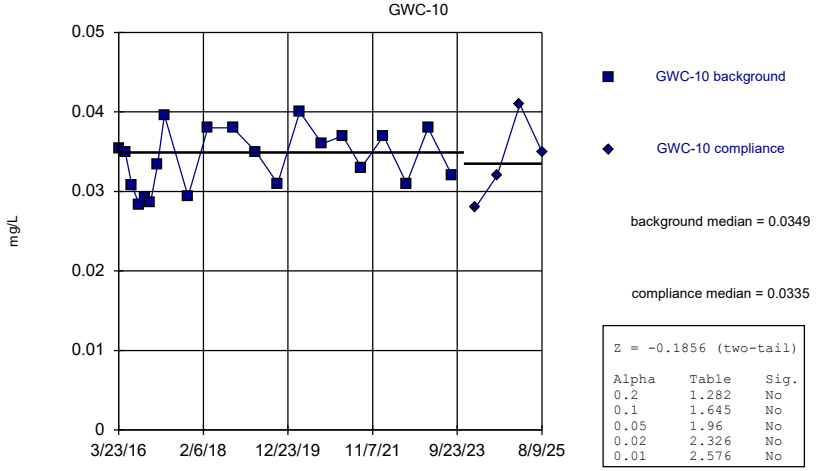
Mann-Whitney (Wilcoxon Rank Sum)

GWC-10



Z = -0.1856 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 4/8/2026 12:27 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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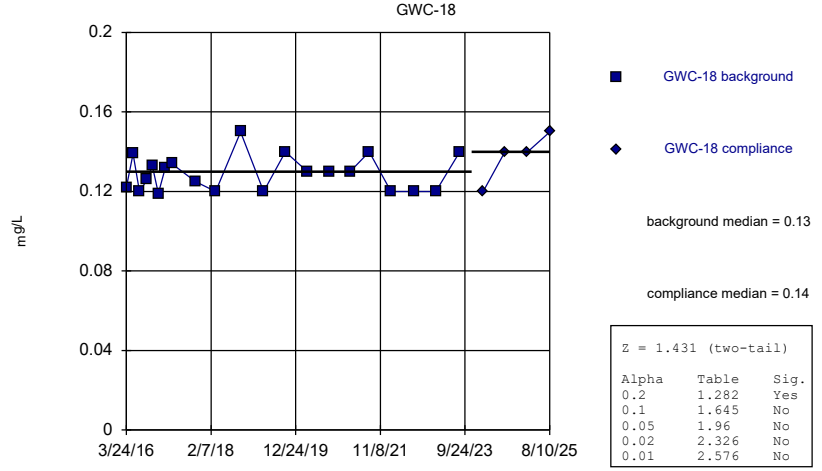
Mann-Whitney (Wilcoxon Rank Sum)

GWC-18



Z = 1.431 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 4/8/2026 12:27 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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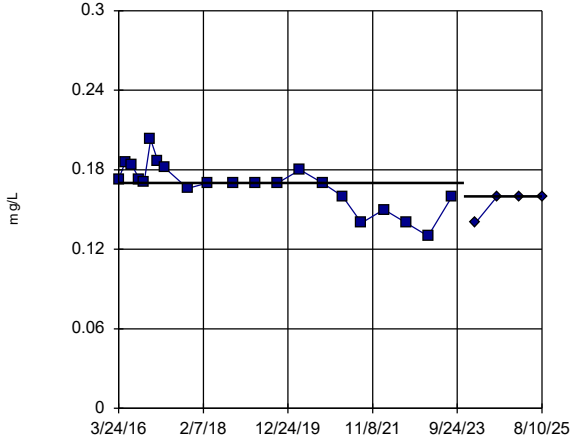
Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



GWC-19 background

GWC-19 compliance

background median = 0.17

compliance median = 0.16

Z = -1.907 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 4/8/2026 12:27 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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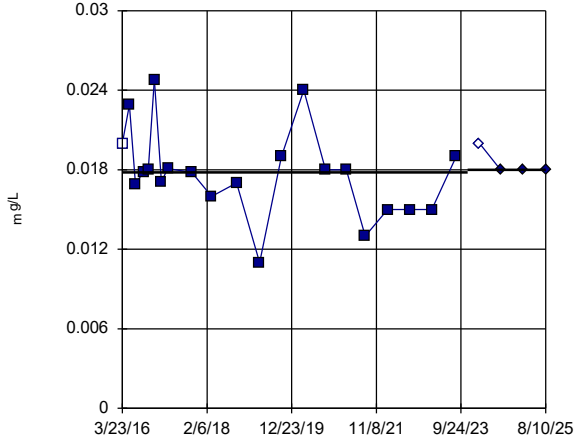
Mann-Whitney (Wilcoxon Rank Sum)

GWC-20



GWC-20 background

GWC-20 compliance

background median = 0.0178

compliance median = 0.018

Z = 0.9341 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 4/8/2026 12:27 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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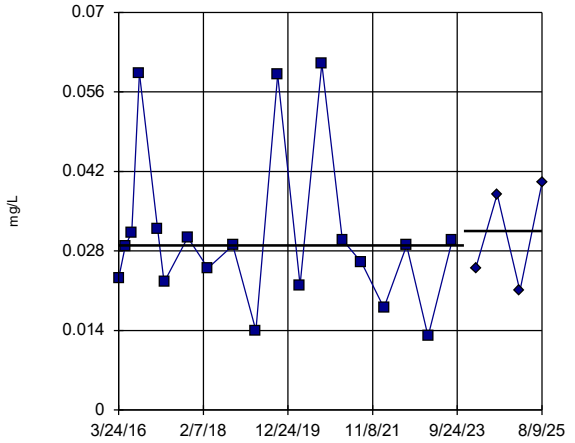
Mann-Whitney (Wilcoxon Rank Sum)

GWC-21



GWC-21 background

GWC-21 compliance

background median = 0.029

compliance median = 0.0315

Z = 0.2435 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 4/8/2026 12:27 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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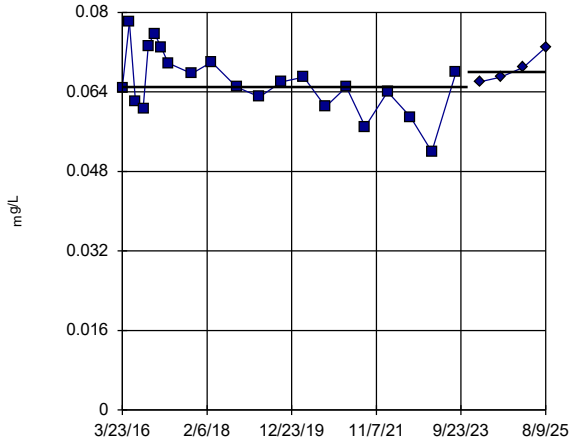
Mann-Whitney (Wilcoxon Rank Sum)

GWC-22



GWC-22 background

GWC-22 compliance

background median = 0.065

compliance median = 0.068

Z = 1.075 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 4/8/2026 12:27 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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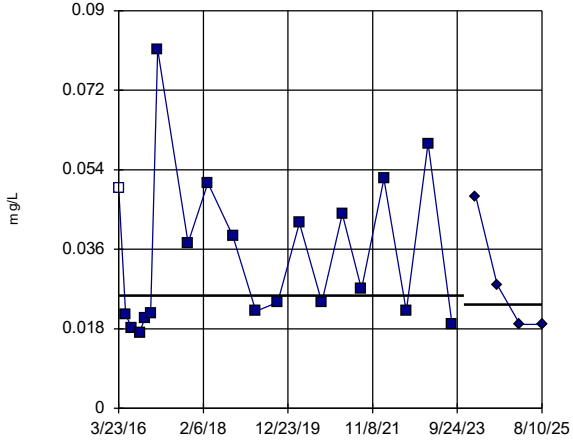
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-23



GWC-23 background

GWC-23 compliance

background median = 0.0255

compliance median = 0.0235

Z = -0.7368 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 4/8/2026 12:27 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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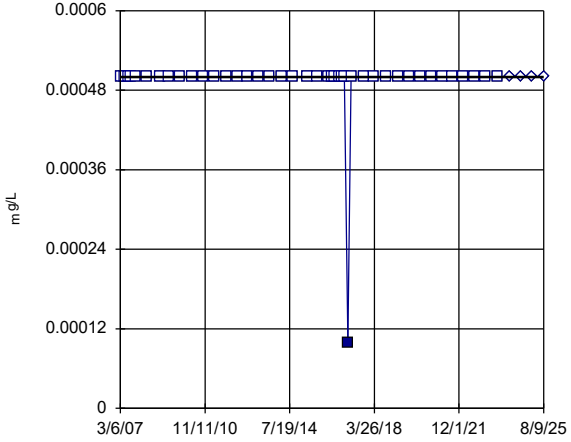
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-4 (bg)



GWA-4 background

GWA-4 compliance

background median = 0.0005

compliance median = 0.0005

Z = 0.2315 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cadmium Analysis Run 4/8/2026 12:27 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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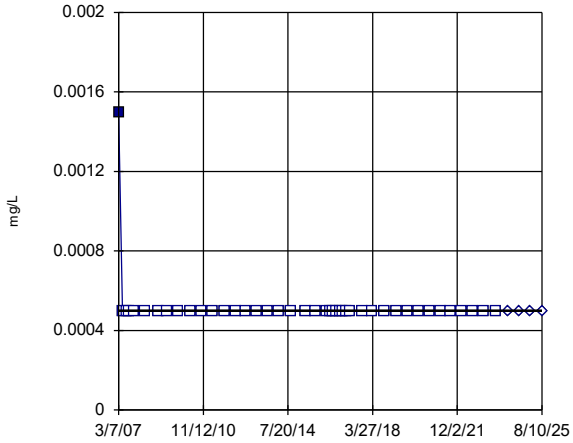
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-5



GWC-5 background

GWC-5 compliance

background median = 0.0005

compliance median = 0.0005

Z = -0.3858 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cadmium Analysis Run 4/8/2026 12:27 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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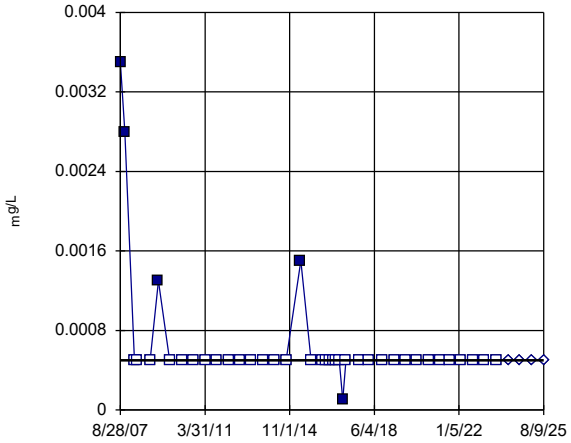
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-7



GWC-7 background

GWC-7 compliance

background median = 0.0005

compliance median = 0.0005

Z = -0.4815 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cadmium Analysis Run 4/8/2026 12:27 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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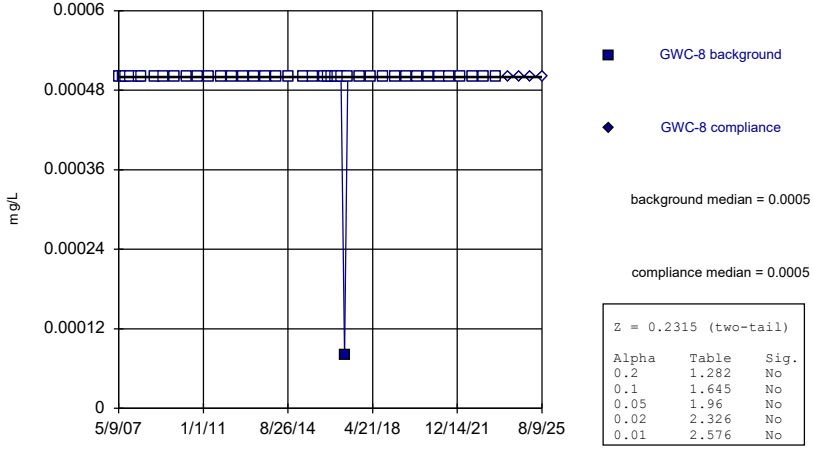
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-8



Z = 0.2315 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cadmium Analysis Run 4/8/2026 12:27 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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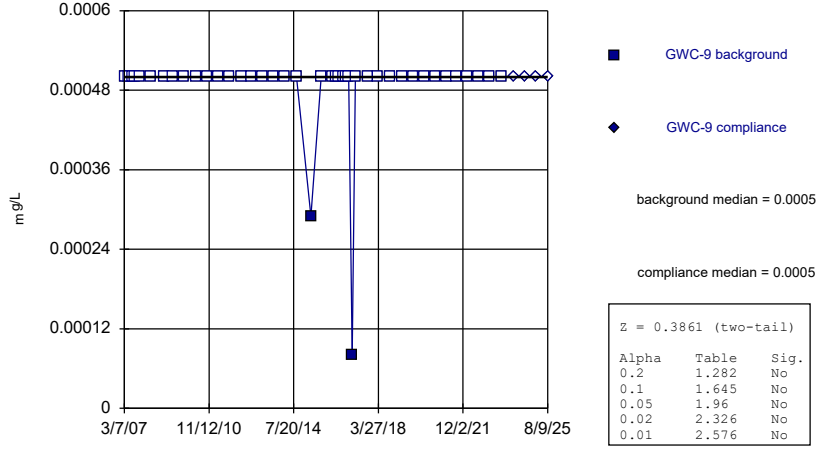
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



Z = 0.3861 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cadmium Analysis Run 4/8/2026 12:28 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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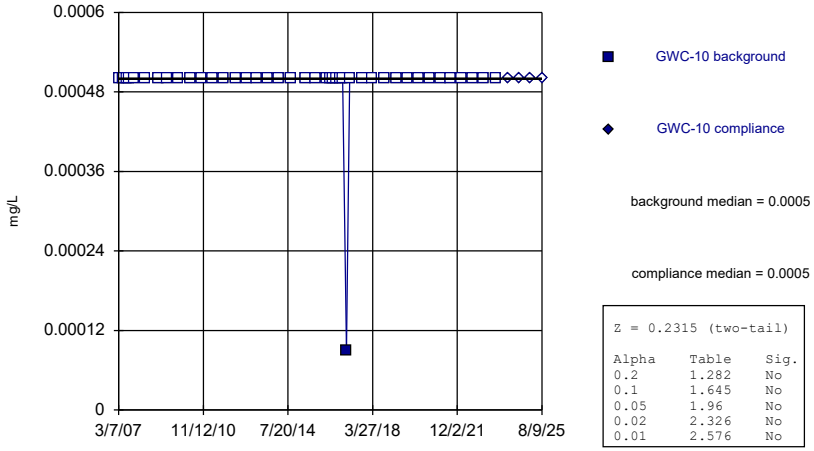
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-10



Z = 0.2315 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cadmium Analysis Run 4/8/2026 12:28 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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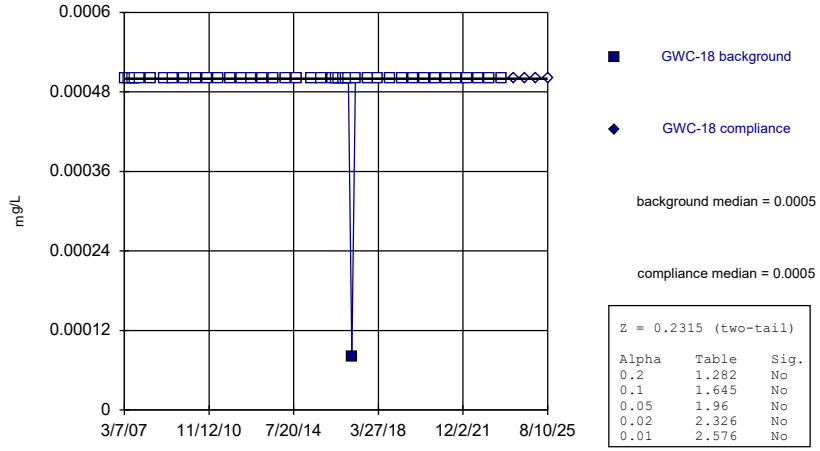
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-18



Z = 0.2315 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cadmium Analysis Run 4/8/2026 12:28 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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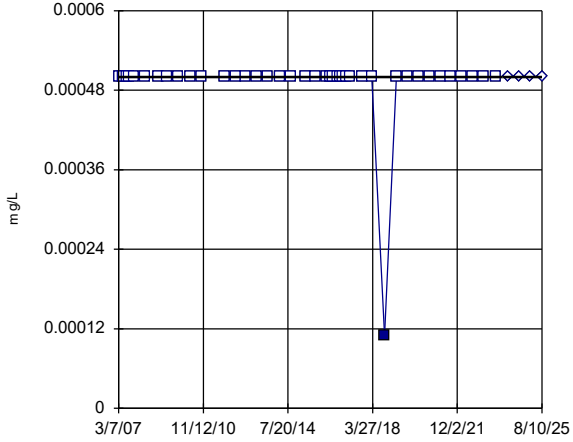
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-20



GWC-20 background

GWC-20 compliance

background median = 0.0005

compliance median = 0.0005

Z = 0.2343 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cadmium Analysis Run 4/8/2026 12:28 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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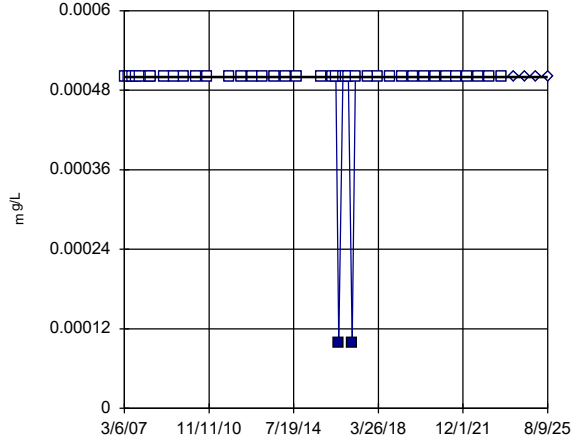
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-21



GWC-21 background

GWC-21 compliance

background median = 0.0005

compliance median = 0.0005

Z = 0.391 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cadmium Analysis Run 4/8/2026 12:28 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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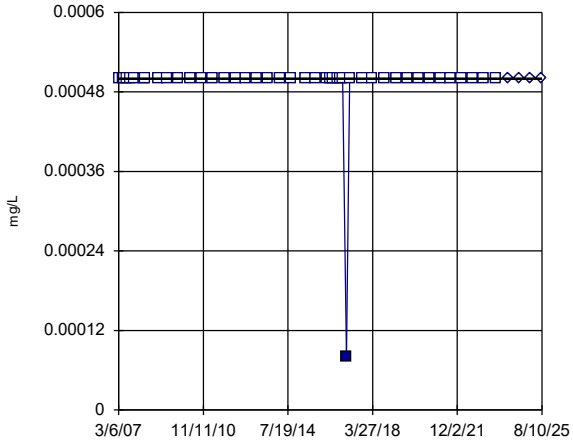
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-23



GWC-23 background

GWC-23 compliance

background median = 0.0005

compliance median = 0.0005

Z = 0.2287 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cadmium Analysis Run 4/8/2026 12:28 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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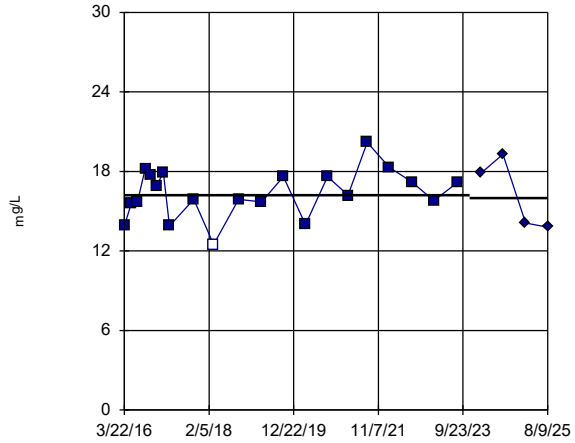
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-1 (bg)



GWA-1 background

GWA-1 compliance

background median = 16.2

compliance median = 16

Z = 0 (two-tail)

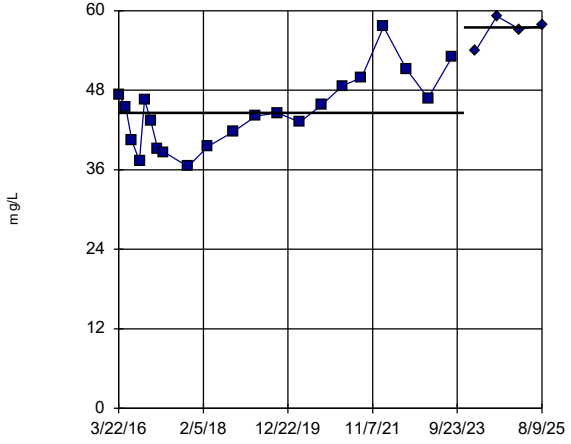
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Calcium Analysis Run 4/8/2026 12:28 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Mann-Whitney (Wilcoxon Rank Sum)

GWA-2 (bg)



GWA-2 background

GWA-2 compliance

background median = 44.6

compliance median = 57.5

Z = 2.928 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Calcium Analysis Run 4/8/2026 12:28 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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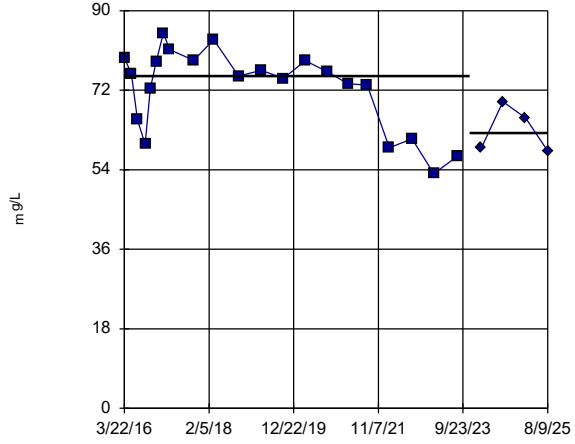
Mann-Whitney (Wilcoxon Rank Sum)

GWA-3 (bg)



GWA-3 background

GWA-3 compliance

background median = 75.2

compliance median = 62.35

Z = -1.928 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Calcium Analysis Run 4/8/2026 12:28 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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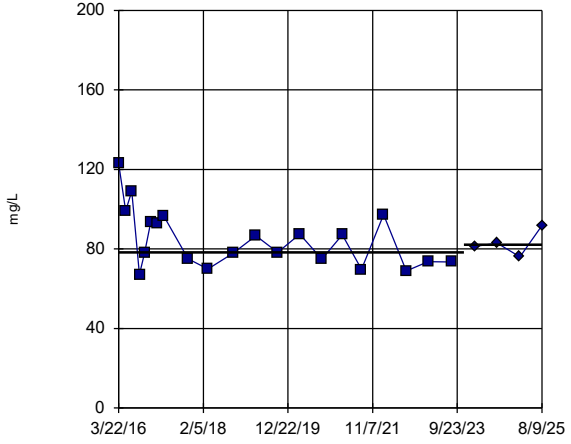
Mann-Whitney (Wilcoxon Rank Sum)

GWA-4 (bg)



GWA-4 background

GWA-4 compliance

background median = 78.3

compliance median = 82.15

Z = 0.1112 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Calcium Analysis Run 4/8/2026 12:28 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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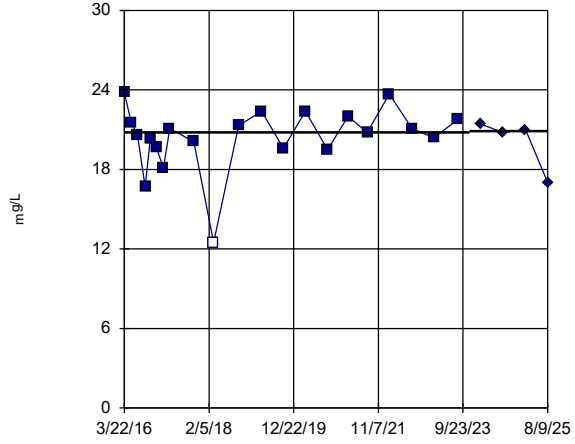
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-11 (bg)



GWA-11 background

GWA-11 compliance

background median = 20.8

compliance median = 20.9

Z = -0.3708 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Calcium Analysis Run 4/8/2026 12:28 PM View: Mann Whitney

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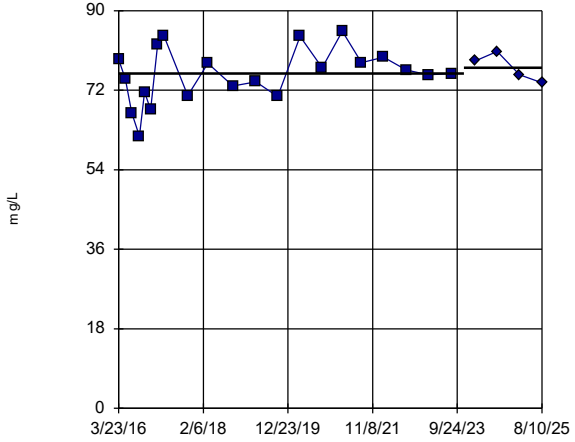
Mann-Whitney (Wilcoxon Rank Sum)

GWC-5



GWC-5 background

GWC-5 compliance

background median = 75.8

compliance median = 77.1

Z = 0.4448 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Calcium Analysis Run 4/8/2026 12:28 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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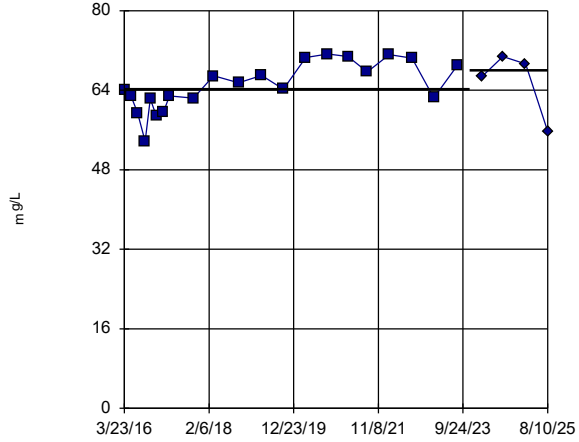
Mann-Whitney (Wilcoxon Rank Sum)

GWC-6



GWC-6 background

GWC-6 compliance

background median = 64.2

compliance median = 68

Z = 0.3707 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Calcium Analysis Run 4/8/2026 12:28 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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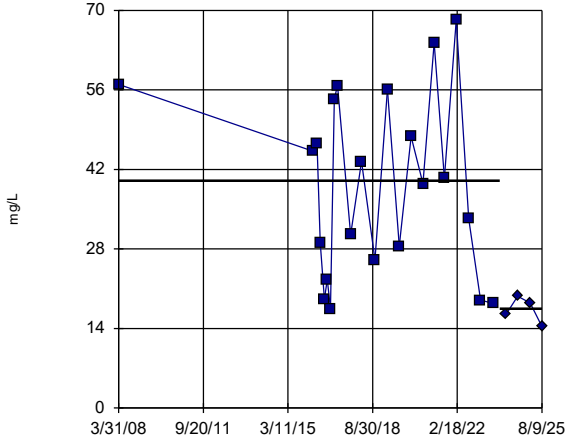
Mann-Whitney (Wilcoxon Rank Sum)

GWC-7



GWC-7 background

GWC-7 compliance

background median = 40

compliance median = 17.5

Z = -2.736 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Calcium Analysis Run 4/8/2026 12:28 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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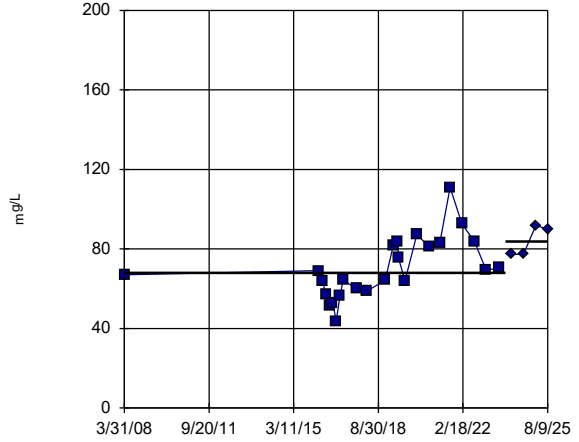
Mann-Whitney (Wilcoxon Rank Sum)

GWC-8



GWC-8 background

GWC-8 compliance

background median = 68.05

compliance median = 83.75

Z = 1.805 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Calcium Analysis Run 4/8/2026 12:28 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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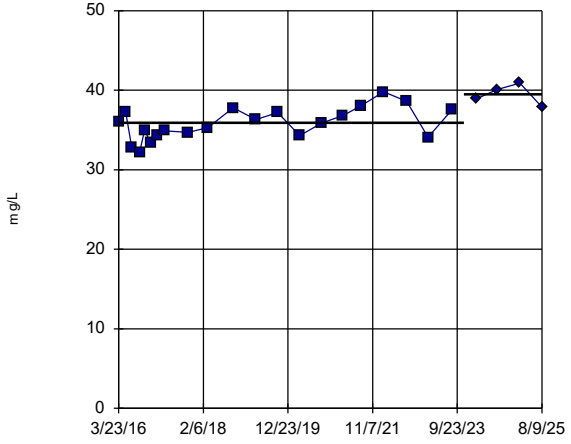
Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



GWC-9 background

GWC-9 compliance

background median = 35.9

compliance median = 39.5

Z = 2.78 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Calcium Analysis Run 4/8/2026 12:28 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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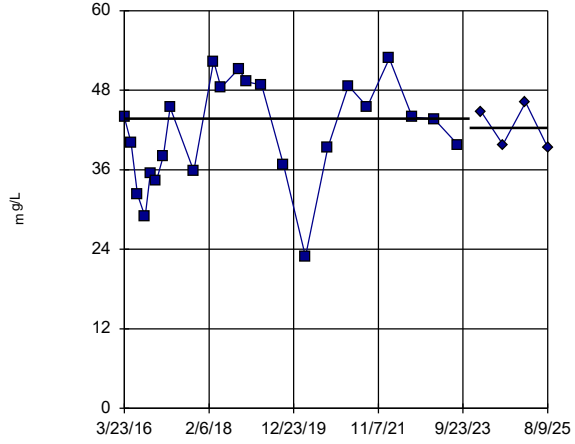
Mann-Whitney (Wilcoxon Rank Sum)

GWC-10



GWC-10 background

GWC-10 compliance

background median = 43.7

compliance median = 42.3

Z = 0.1024 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Calcium Analysis Run 4/8/2026 12:28 PM View: Mann Whitney

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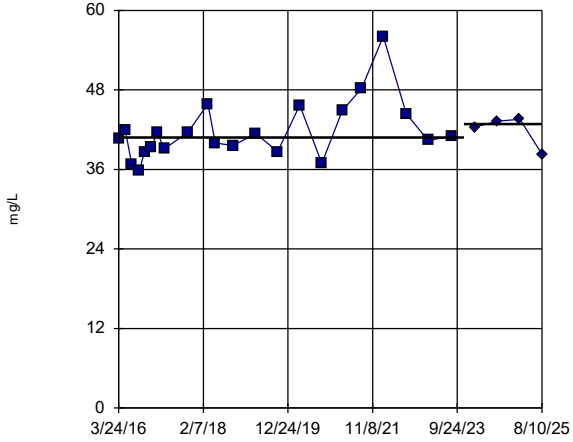
Mann-Whitney (Wilcoxon Rank Sum)

GWC-18



GWC-18 background

GWC-18 compliance

background median = 40.85

compliance median = 42.85

Z = 0.462 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Calcium Analysis Run 4/8/2026 12:28 PM View: Mann Whitney

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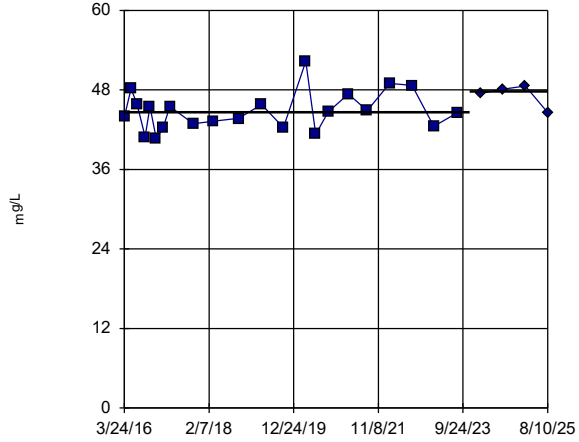
Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



GWC-19 background

GWC-19 compliance

background median = 44.65

compliance median = 47.8

Z = 1.493 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Calcium Analysis Run 4/8/2026 12:28 PM View: Mann Whitney

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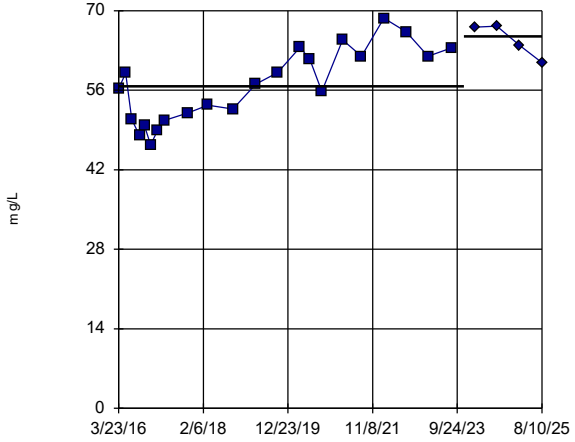
Mann-Whitney (Wilcoxon Rank Sum)

GWC-20



GWC-20 background

GWC-20 compliance

background median = 56.7

compliance median = 65.5

Z = 2.168 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Calcium Analysis Run 4/8/2026 12:28 PM View: Mann Whitney

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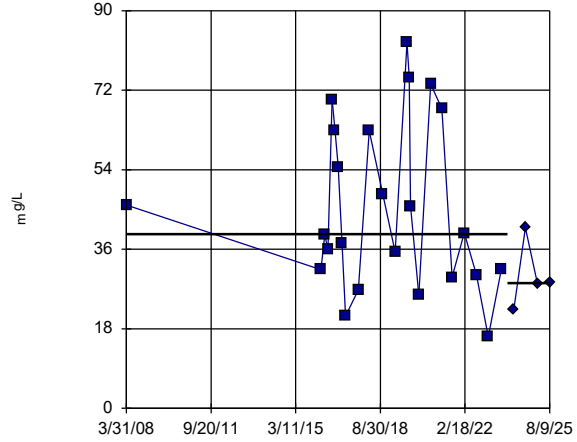
Mann-Whitney (Wilcoxon Rank Sum)

GWC-21



GWC-21 background

GWC-21 compliance

background median = 39.45

compliance median = 28.35

Z = -1.674 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Calcium Analysis Run 4/8/2026 12:28 PM View: Mann Whitney

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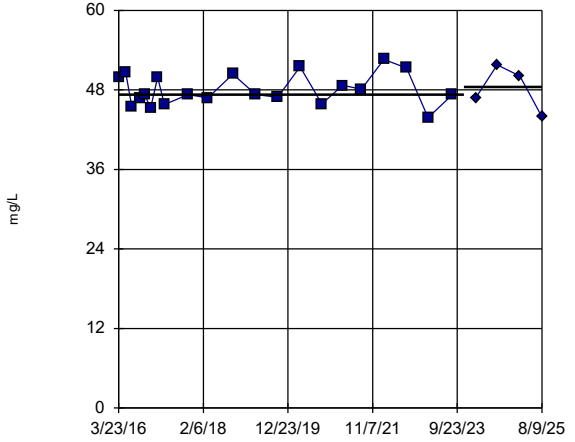
Mann-Whitney (Wilcoxon Rank Sum)

GWC-22



GWC-22 background

GWC-22 compliance

background median = 47.3

compliance median = 48.45

Z = 0.03717 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Calcium Analysis Run 4/8/2026 12:28 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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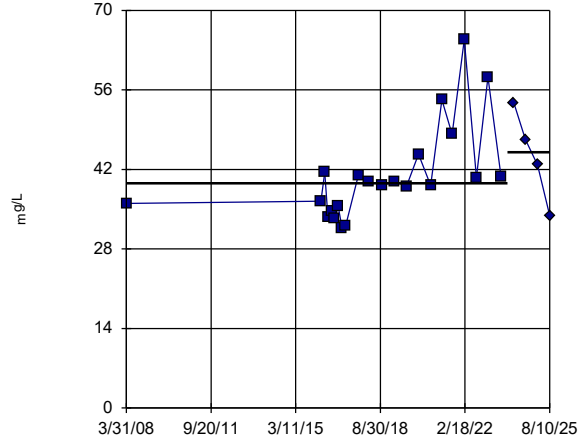
Mann-Whitney (Wilcoxon Rank Sum)

GWC-23



GWC-23 background

GWC-23 compliance

background median = 39.55

compliance median = 45.05

Z = 0.9596 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Calcium Analysis Run 4/8/2026 12:28 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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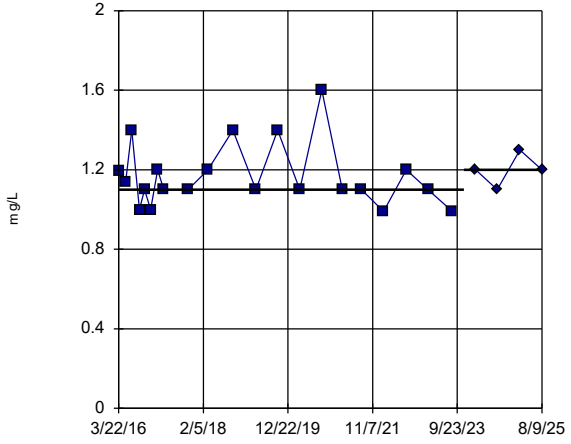
Mann-Whitney (Wilcoxon Rank Sum)

GWA-1 (bg)



GWA-1 background

GWA-1 compliance

background median = 1.1

compliance median = 1.2

Z = 1.03 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chloride Analysis Run 4/8/2026 12:28 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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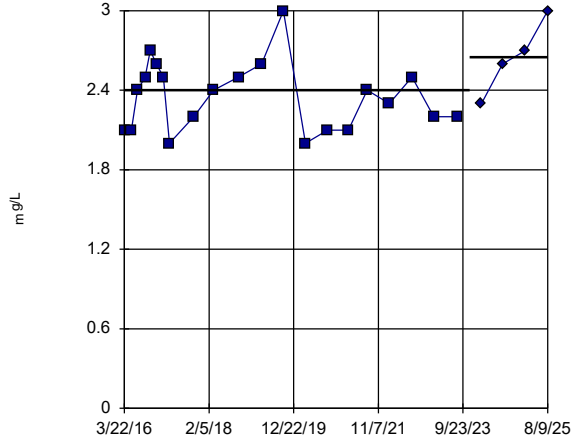
Mann-Whitney (Wilcoxon Rank Sum)

GWA-2 (bg)



GWA-2 background

GWA-2 compliance

background median = 2.4

compliance median = 2.65

Z = 1.864 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chloride Analysis Run 4/8/2026 12:28 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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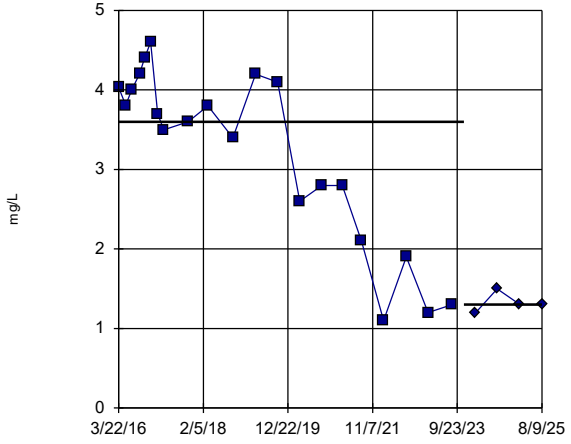
Mann-Whitney (Wilcoxon Rank Sum)

GWA-3 (bg)



GWA-3 background

GWA-3 compliance

background median = 3.6

compliance median = 1.3

Z = -2.449 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: Chloride Analysis Run 4/8/2026 12:28 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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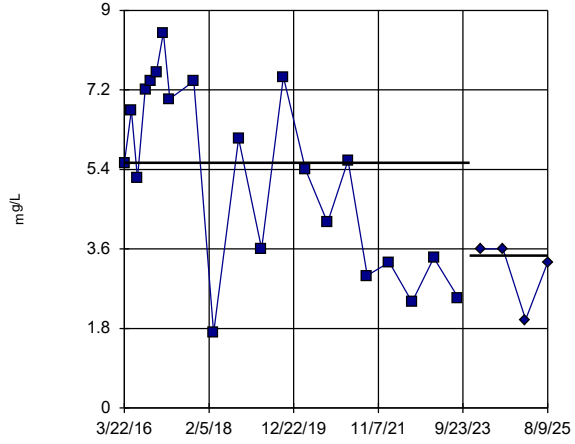
Mann-Whitney (Wilcoxon Rank Sum)

GWA-4 (bg)



GWA-4 background

GWA-4 compliance

background median = 5.549

compliance median = 3.45

Z = -1.781 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chloride Analysis Run 4/8/2026 12:28 PM View: Mann Whitney

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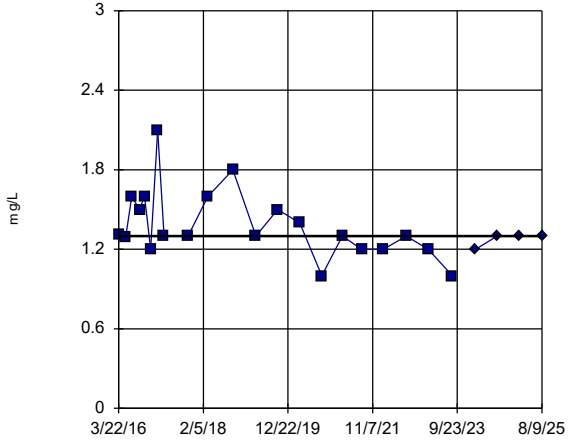
Mann-Whitney (Wilcoxon Rank Sum)

GWA-11 (bg)



GWA-11 background

GWA-11 compliance

background median = 1.3

compliance median = 1.3

```
Z = -0.7574 (two-tail)

Alpha     Table     Sig.
0.2       1.282     No
0.1       1.645     No
0.05      1.96      No
0.02      2.326     No
0.01      2.576     No
```

Constituent: Chloride Analysis Run 4/8/2026 12:28 PM View: Mann Whitney

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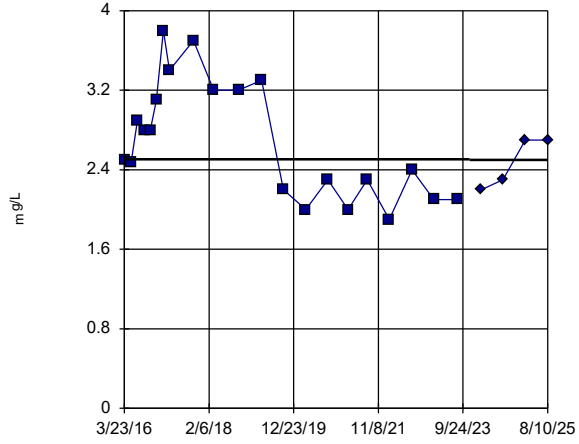
Mann-Whitney (Wilcoxon Rank Sum)

GWC-5



GWC-5 background

GWC-5 compliance

background median = 2.505

compliance median = 2.5

```
Z = -0.5941 (two-tail)

Alpha     Table     Sig.
0.2       1.282     No
0.1       1.645     No
0.05      1.96      No
0.02      2.326     No
0.01      2.576     No
```

Constituent: Chloride Analysis Run 4/8/2026 12:28 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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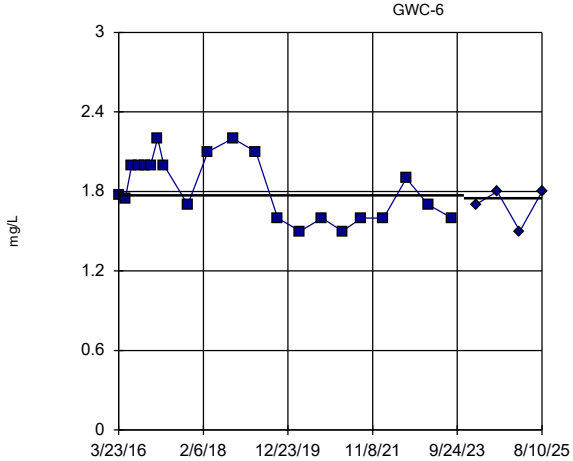
Mann-Whitney (Wilcoxon Rank Sum)

GWC-6



GWC-6 background

GWC-6 compliance

background median = 1.771

compliance median = 1.75

```
Z = -0.8609 (two-tail)

Alpha     Table     Sig.
0.2       1.282     No
0.1       1.645     No
0.05      1.96      No
0.02      2.326     No
0.01      2.576     No
```

Constituent: Chloride Analysis Run 4/8/2026 12:28 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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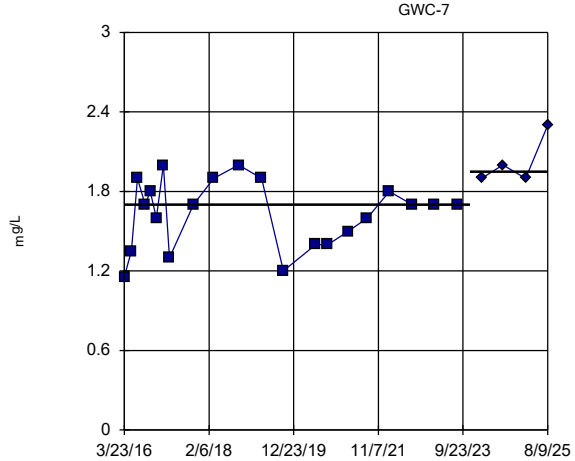
Mann-Whitney (Wilcoxon Rank Sum)

GWC-7



GWC-7 background

GWC-7 compliance

background median = 1.7

compliance median = 1.95

```
Z = 2.506 (two-tail)

Alpha     Table     Sig.
0.2       1.282     Yes
0.1       1.645     Yes
0.05      1.96      Yes
0.02      2.326     Yes
0.01      2.576     No
```

Constituent: Chloride Analysis Run 4/8/2026 12:29 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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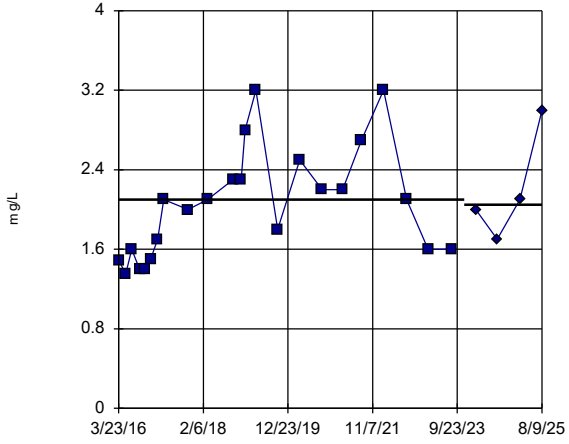
Mann-Whitney (Wilcoxon Rank Sum)

GWC-8



GWC-8 background

GWC-8 compliance

background median = 2.1

compliance median = 2.05

Z = 0.4108 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chloride Analysis Run 4/8/2026 12:29 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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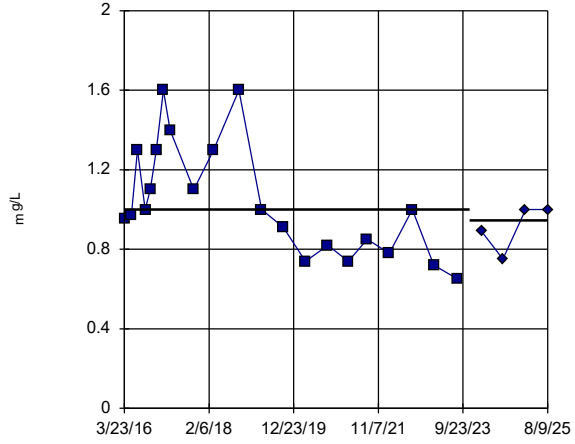
Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



GWC-9 background

GWC-9 compliance

background median = 1

compliance median = 0.945

Z = -0.6334 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chloride Analysis Run 4/8/2026 12:29 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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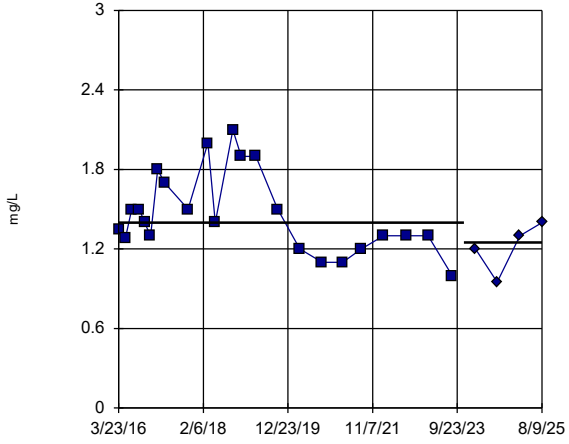
Mann-Whitney (Wilcoxon Rank Sum)

GWC-10



GWC-10 background

GWC-10 compliance

background median = 1.4

compliance median = 1.25

Z = -1.545 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chloride Analysis Run 4/8/2026 12:29 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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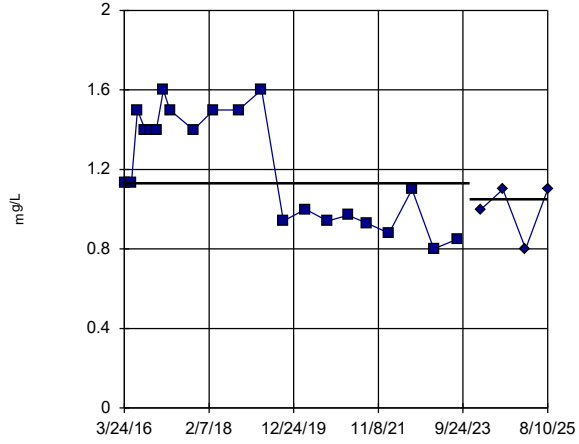
Mann-Whitney (Wilcoxon Rank Sum)

GWC-18



GWC-18 background

GWC-18 compliance

background median = 1.131

compliance median = 1.05

Z = -1.304 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

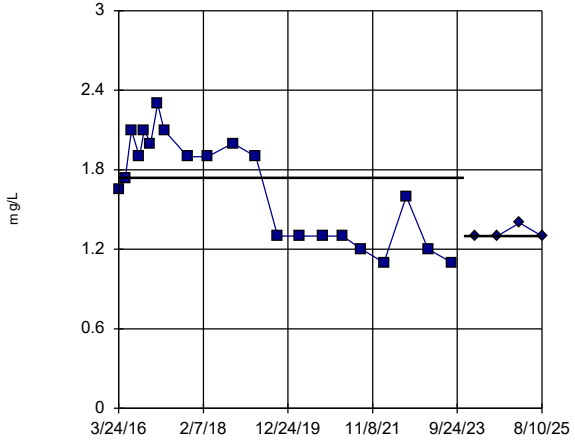
Constituent: Chloride Analysis Run 4/8/2026 12:29 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



GWC-19 background

GWC-19 compliance

background median = 1.74

compliance median = 1.3

Z = -1.241 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chloride Analysis Run 4/8/2026 12:29 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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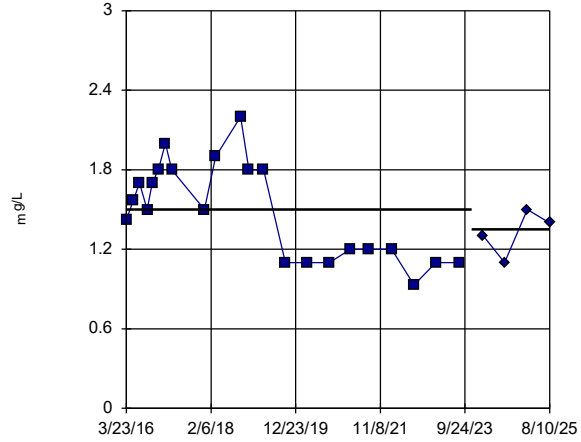
Mann-Whitney (Wilcoxon Rank Sum)

GWC-20



GWC-20 background

GWC-20 compliance

background median = 1.5

compliance median = 1.35

Z = -0.8608 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chloride Analysis Run 4/8/2026 12:29 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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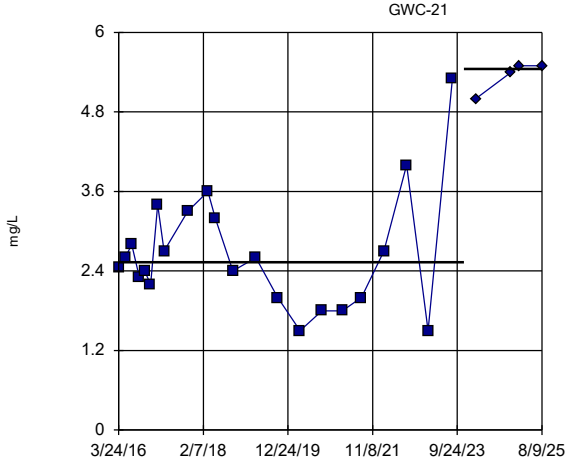
Mann-Whitney (Wilcoxon Rank Sum)

GWC-21



GWC-21 background

GWC-21 compliance

background median = 2.531

compliance median = 5.45

Z = 3.023 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Chloride Analysis Run 4/8/2026 12:29 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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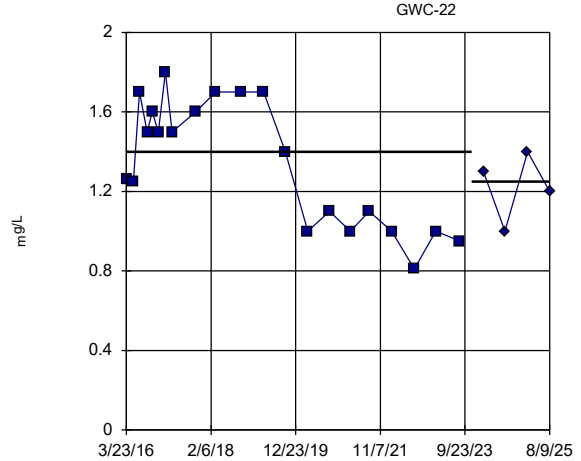
Mann-Whitney (Wilcoxon Rank Sum)

GWC-22



GWC-22 background

GWC-22 compliance

background median = 1.4

compliance median = 1.25

Z = -0.7466 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chloride Analysis Run 4/8/2026 12:29 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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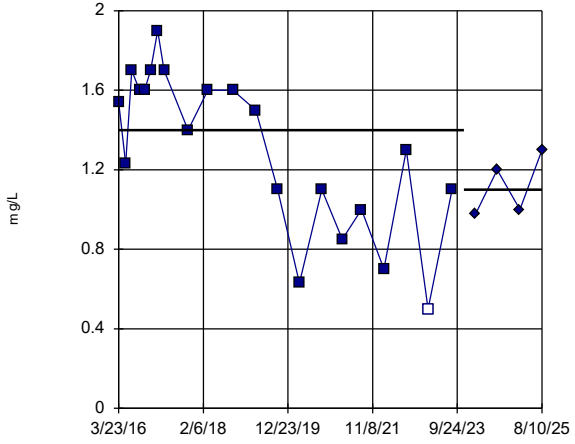
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-23



GWC-23 background

GWC-23 compliance

background median = 1.4

compliance median = 1.1

Z = -1.228 (two-tail)

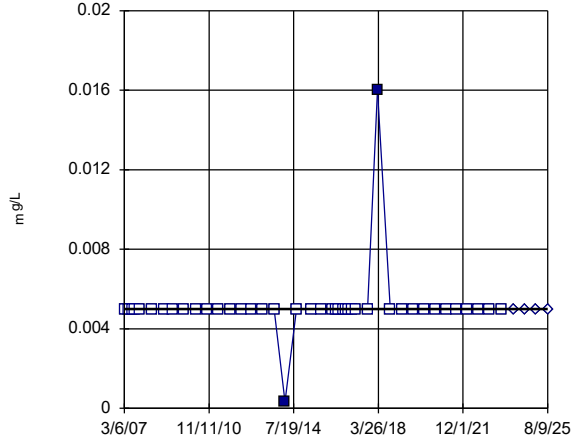
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chloride Analysis Run 4/8/2026 12:29 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-1 (bg)



GWA-1 background

GWA-1 compliance

background median = 0.005

compliance median = 0.005

Z = -0.05516 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No

Constituent: Chromium Analysis Run 4/8/2026 12:29 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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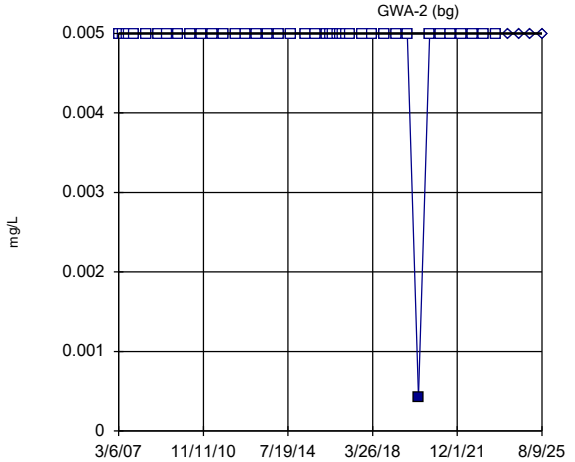
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-2 (bg)



GWA-2 background

GWA-2 compliance

background median = 0.005

compliance median = 0.005

Z = 0.2315 (two-tail)

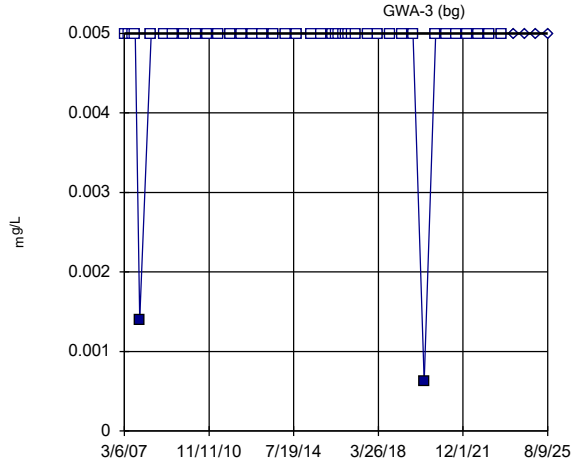
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 4/8/2026 12:29 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-3 (bg)



GWA-3 background

GWA-3 compliance

background median = 0.005

compliance median = 0.005

Z = 0.3861 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 4/8/2026 12:29 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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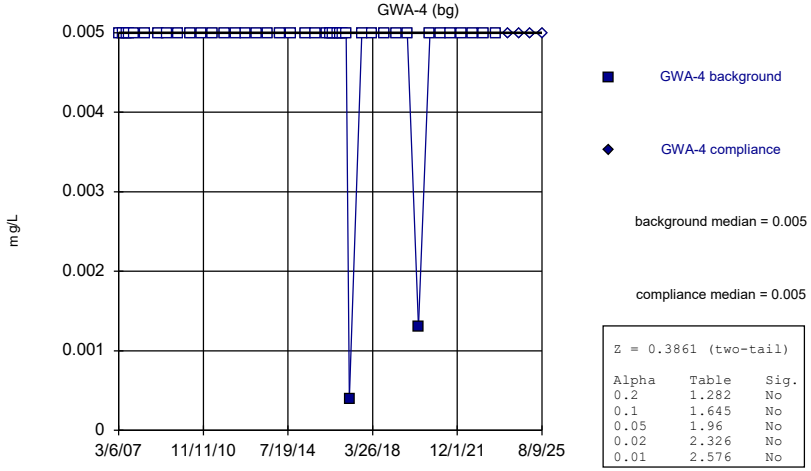
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-4 (bg)



Z = 0.3861 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 4/8/2026 12:29 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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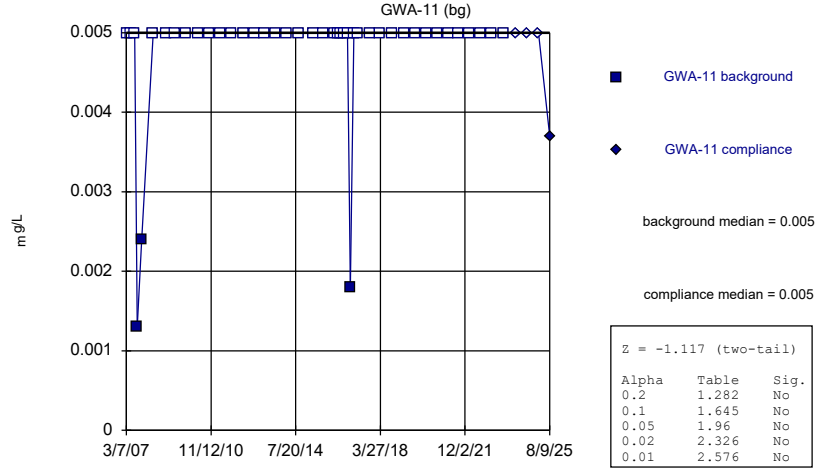
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-11 (bg)



Z = -1.117 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 4/8/2026 12:29 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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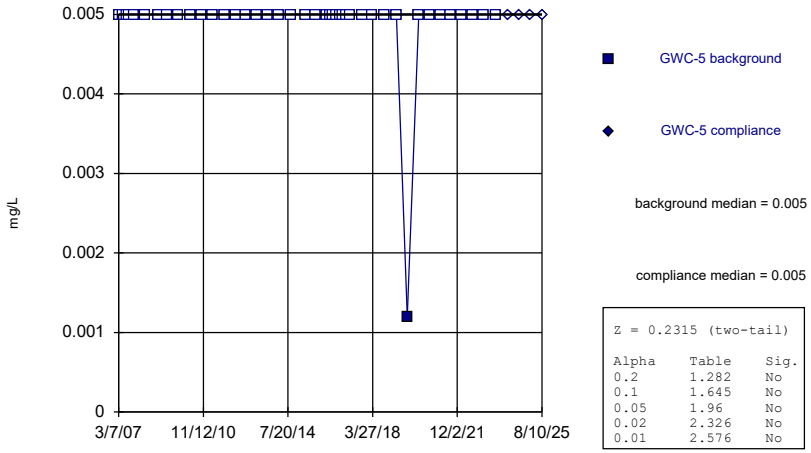
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-5



Z = 0.2315 (two-tail)

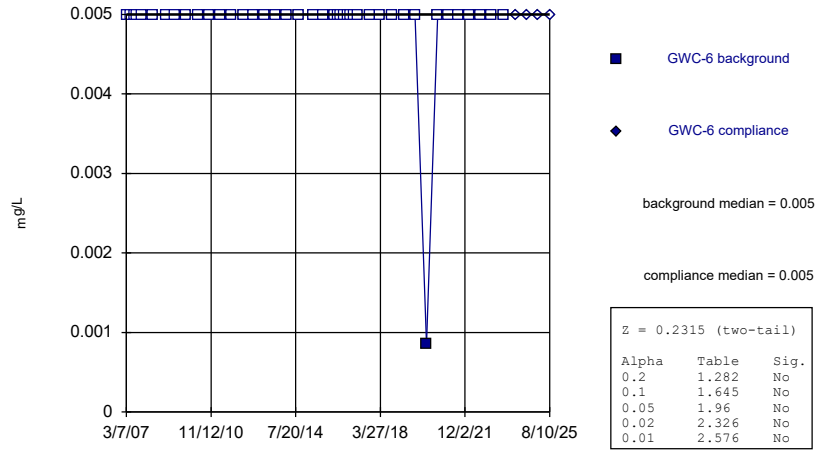
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 4/8/2026 12:29 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-6



Z = 0.2315 (two-tail)

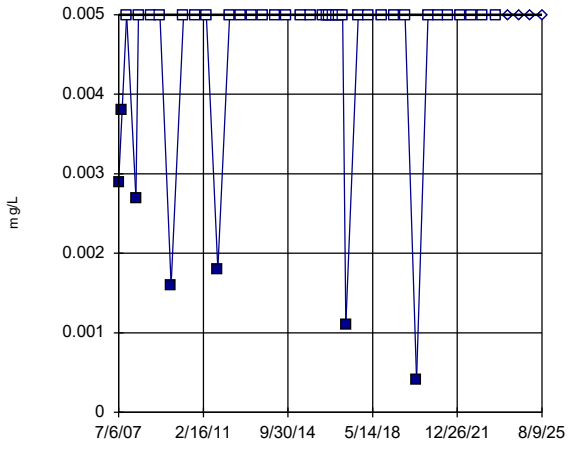
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 4/8/2026 12:29 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-7



GWC-7 background

GWC-7 compliance

background median = 0.005

compliance median = 0.005

Z = 0.8535 (two-tail)

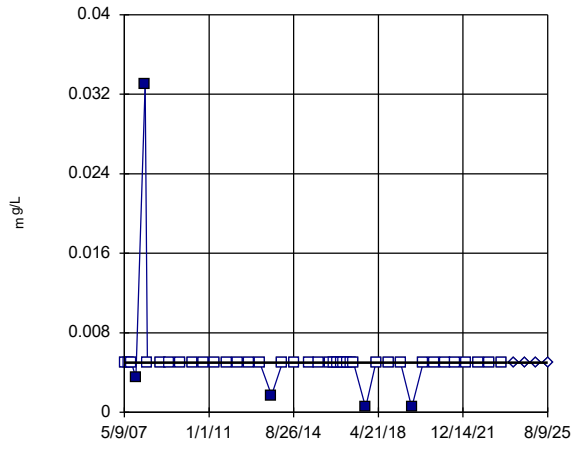
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 4/8/2026 12:29 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-8



GWC-8 background

GWC-8 compliance

background median = 0.005

compliance median = 0.005

Z = 0.3968 (two-tail)

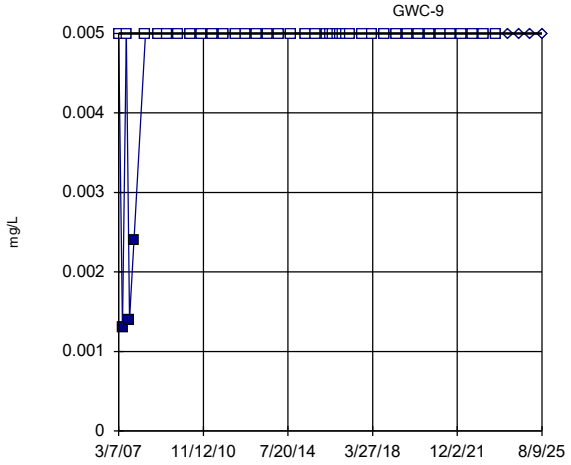
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 4/8/2026 12:29 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



GWC-9 background

GWC-9 compliance

background median = 0.005

compliance median = 0.005

Z = 0.5009 (two-tail)

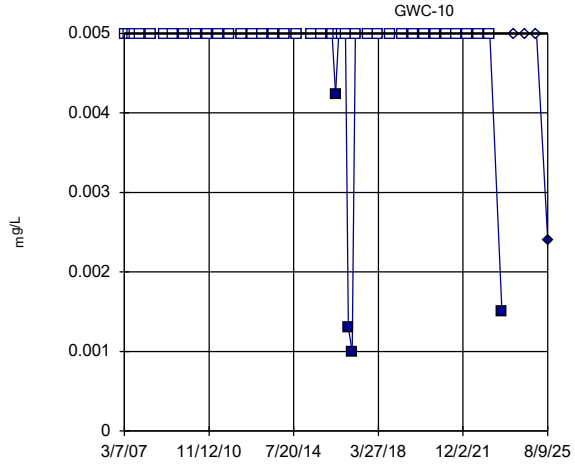
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 4/8/2026 12:29 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-10



GWC-10 background

GWC-10 compliance

background median = 0.005

compliance median = 0.005

Z = -0.9018 (two-tail)

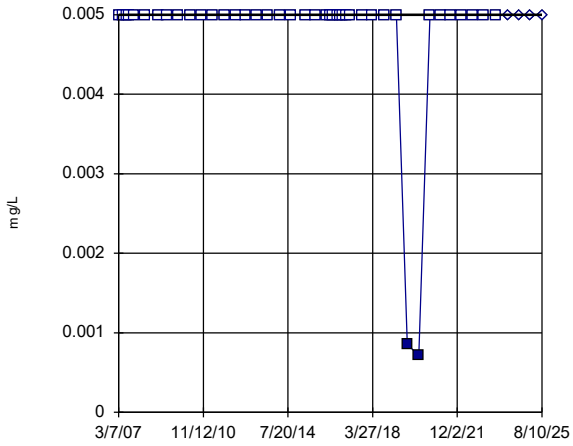
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 4/8/2026 12:29 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-18



GWC-18 background

GWC-18 compliance

background median = 0.005

compliance median = 0.005

Z = 0.3861 (two-tail)

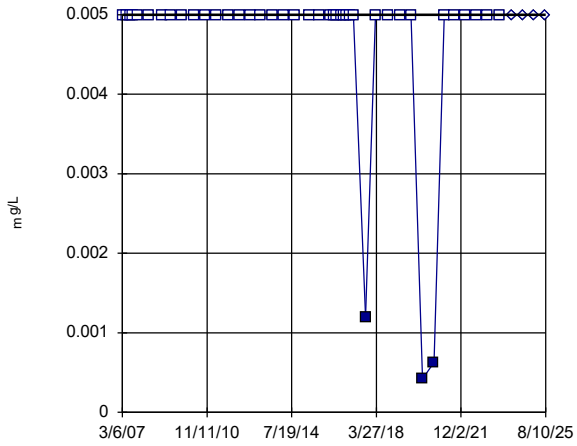
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 4/8/2026 12:29 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



GWC-19 background

GWC-19 compliance

background median = 0.005

compliance median = 0.005

Z = 0.5009 (two-tail)

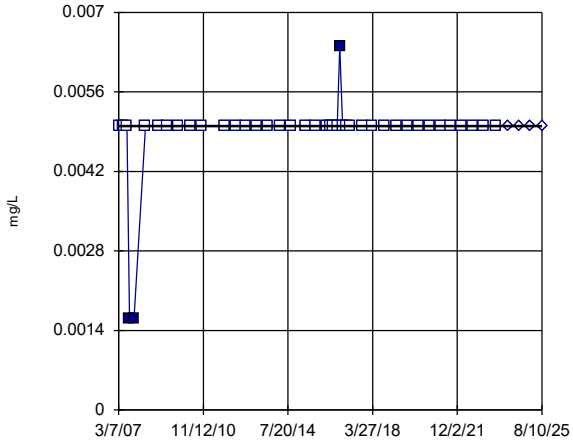
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 4/8/2026 12:29 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-20



GWC-20 background

GWC-20 compliance

background median = 0.005

compliance median = 0.005

Z = 0.1384 (two-tail)

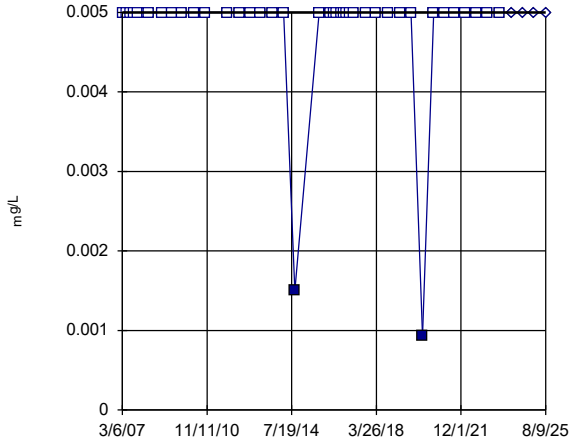
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 4/8/2026 12:29 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-21



GWC-21 background

GWC-21 compliance

background median = 0.005

compliance median = 0.005

Z = 0.3909 (two-tail)

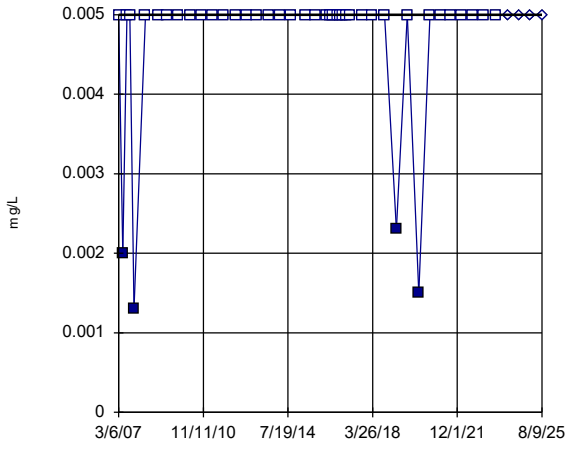
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 4/8/2026 12:29 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-22



GWC-22 background

GWC-22 compliance

background median = 0.005

compliance median = 0.005

Z = 0.5982 (two-tail)

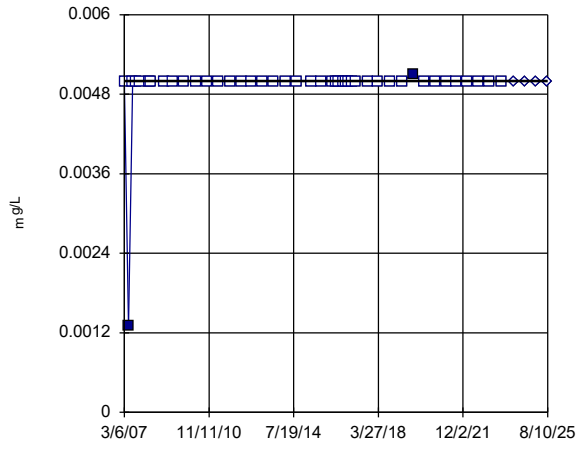
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 4/8/2026 12:29 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-23



GWC-23 background

GWC-23 compliance

background median = 0.005

compliance median = 0.005

Z = -0.0545 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 4/8/2026 12:29 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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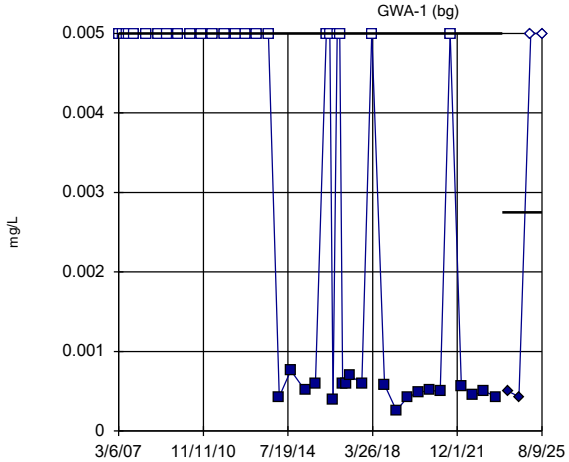
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-1 (bg)



GWA-1 background

GWA-1 compliance

background median = 0.005

compliance median = 0.00275

Z = -0.4896 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 4/8/2026 12:29 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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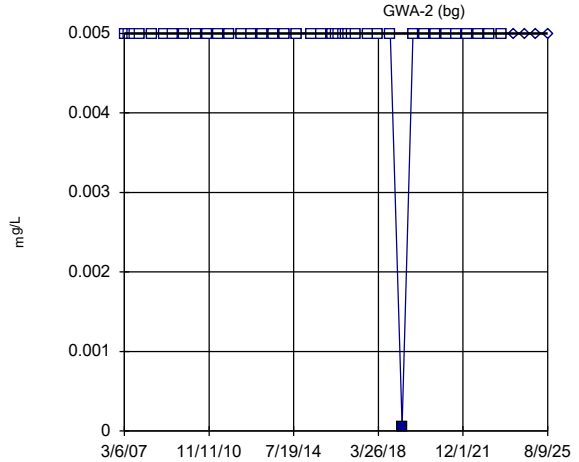
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-2 (bg)



GWA-2 background

GWA-2 compliance

background median = 0.005

compliance median = 0.005

Z = 0.2315 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 4/8/2026 12:29 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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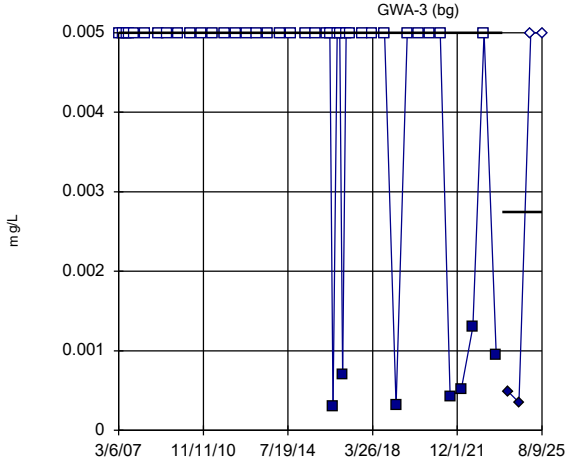
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-3 (bg)



GWA-3 background

GWA-3 compliance

background median = 0.005

compliance median = 0.002745

Z = -1.717 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 4/8/2026 12:29 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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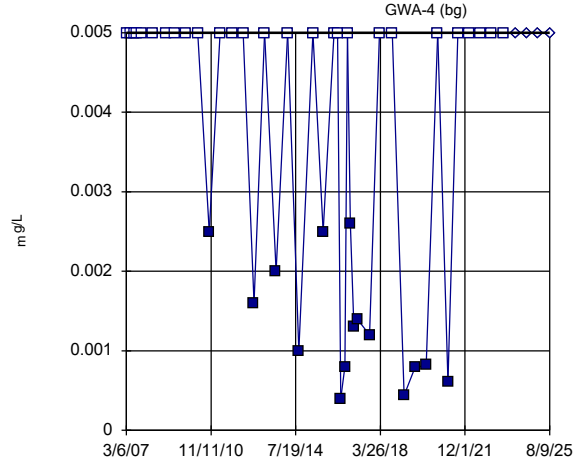
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-4 (bg)



GWA-4 background

GWA-4 compliance

background median = 0.005

compliance median = 0.005

Z = 1.38 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 4/8/2026 12:29 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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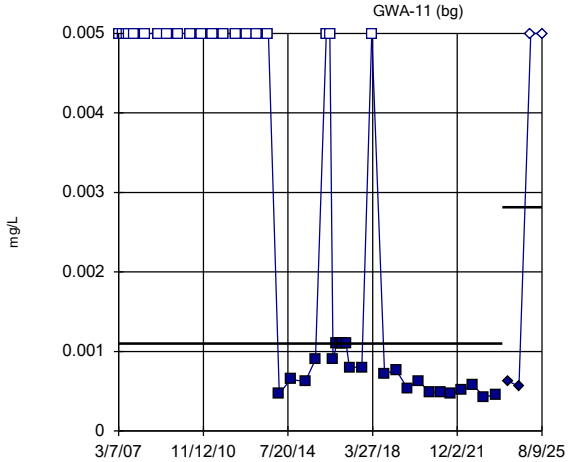
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-11 (bg)



GWA-11 background

GWA-11 compliance

background median = 0.0011

compliance median = 0.002815

Z = -0.08265 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No

Constituent: Cobalt Analysis Run 4/8/2026 12:30 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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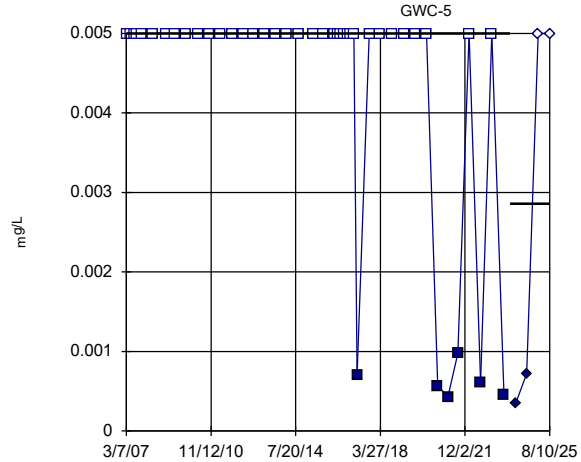
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-5



GWC-5 background

GWC-5 compliance

background median = 0.005

compliance median = 0.00286

Z = -1.859 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 4/8/2026 12:30 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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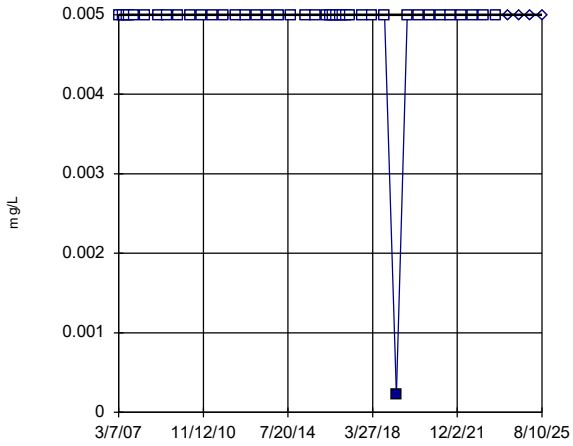
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-6



GWC-6 background

GWC-6 compliance

background median = 0.005

compliance median = 0.005

Z = 0.2315 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 4/8/2026 12:30 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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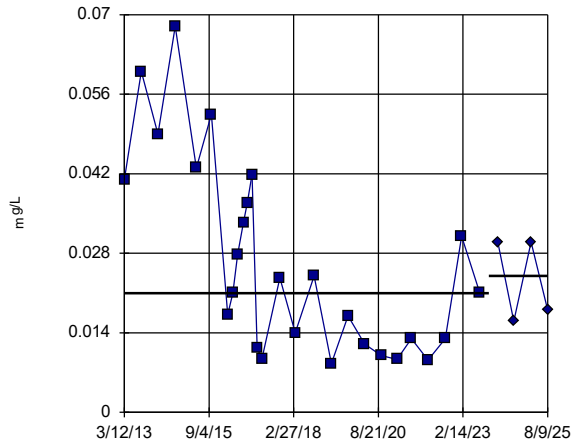
Mann-Whitney (Wilcoxon Rank Sum)

GWC-7



GWC-7 background

GWC-7 compliance

background median = 0.021

compliance median = 0.024

Z = 0.08842 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 4/8/2026 12:30 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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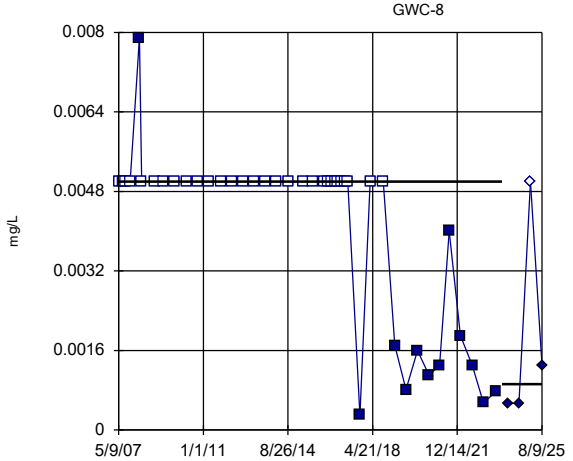
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-8



GWC-8 background

GWC-8 compliance

background median = 0.005

compliance median = 0.00092

Z = -2.363 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: Cobalt Analysis Run 4/8/2026 12:30 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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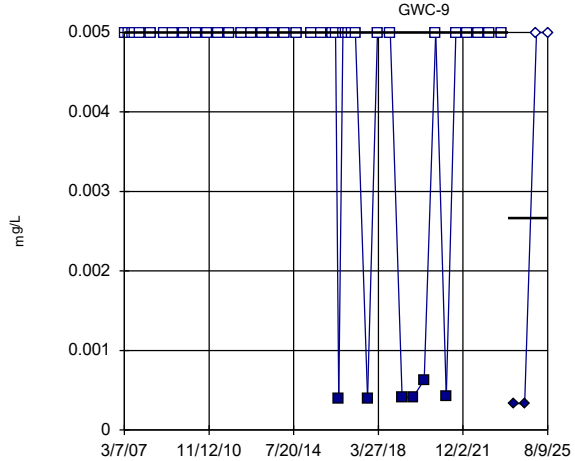
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



GWC-9 background

GWC-9 compliance

background median = 0.005

compliance median = 0.002665

Z = -2.154 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 4/8/2026 12:30 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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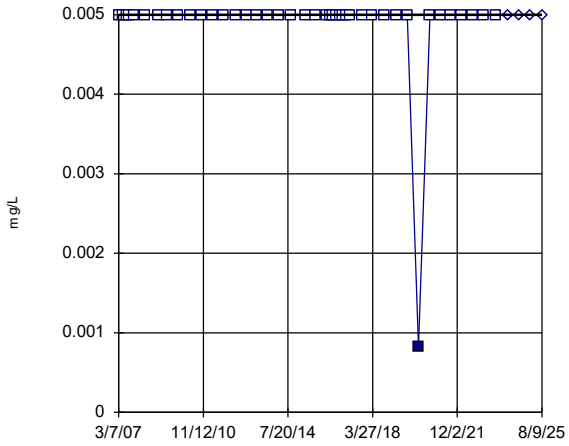
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-10



GWC-10 background

GWC-10 compliance

background median = 0.005

compliance median = 0.005

Z = 0.2315 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 4/8/2026 12:30 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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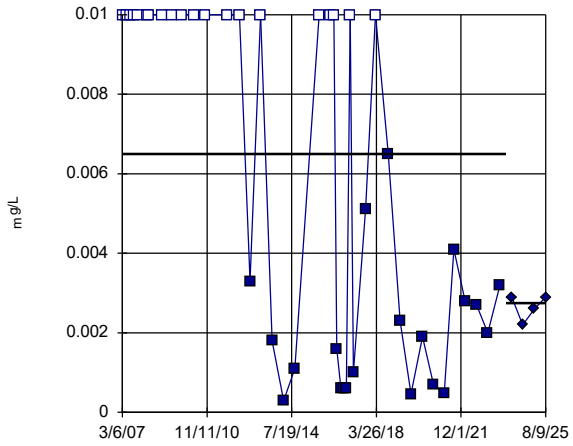
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-21



GWC-21 background

GWC-21 compliance

background median = 0.0065

compliance median = 0.00275

Z = -0.9814 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 4/8/2026 12:30 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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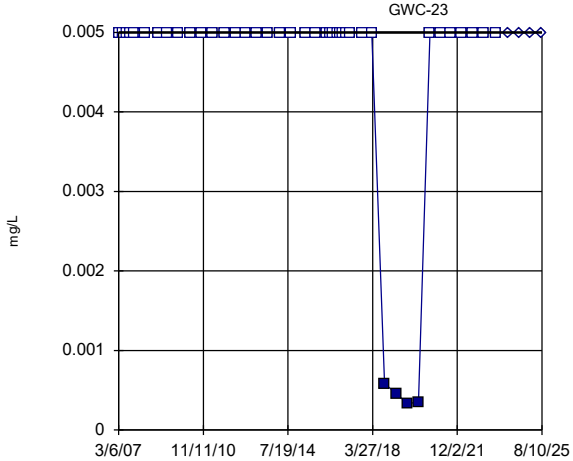
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-23



GWC-23 background

GWC-23 compliance

background median = 0.005

compliance median = 0.005

Z = 0.5908 (two-tail)

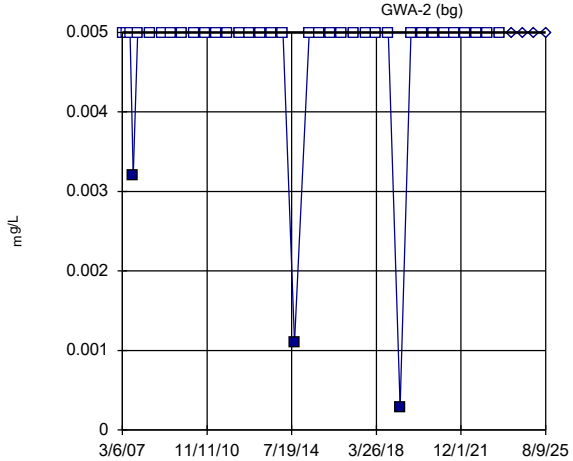
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 4/8/2026 12:30 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-2 (bg)



GWA-2 background

GWA-2 compliance

background median = 0.005

compliance median = 0.005

Z = 0.5351 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 4/8/2026 12:30 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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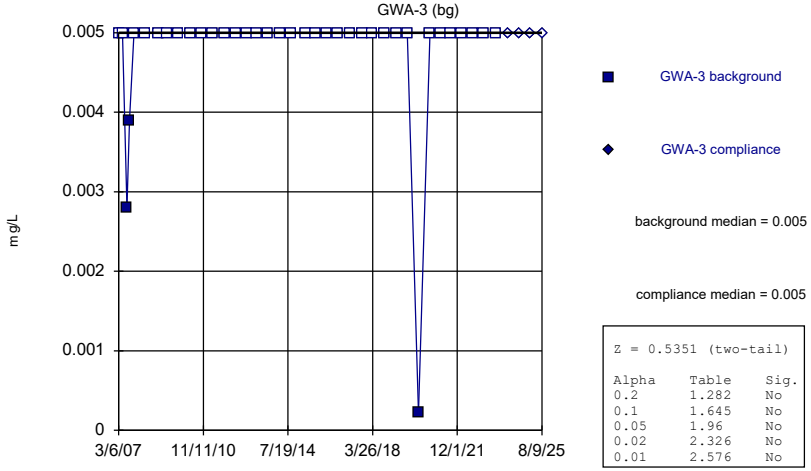
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-3 (bg)



Z = 0.5351 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 4/8/2026 12:30 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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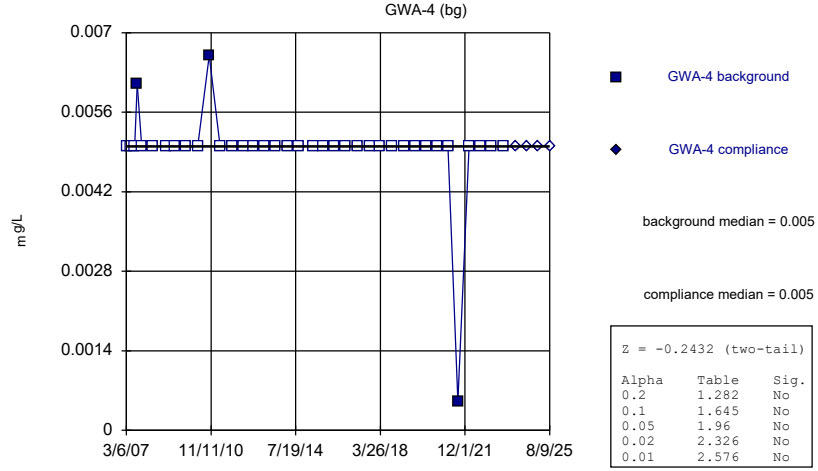
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-4 (bg)



Z = -0.2432 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 4/8/2026 12:30 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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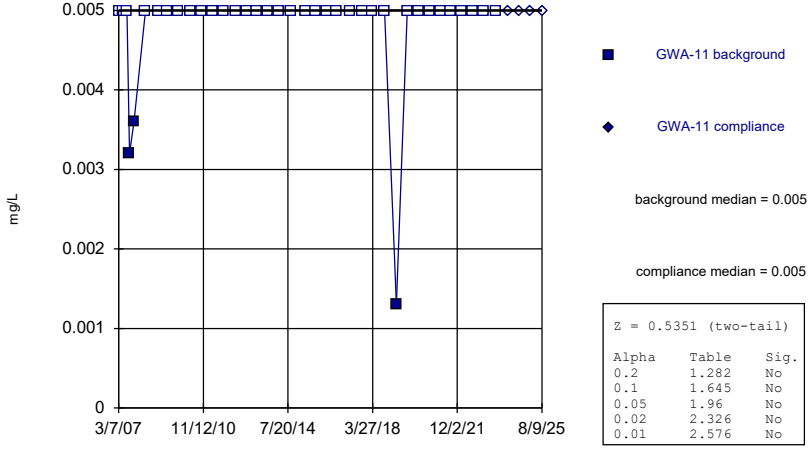
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-11 (bg)



Z = 0.5351 (two-tail)

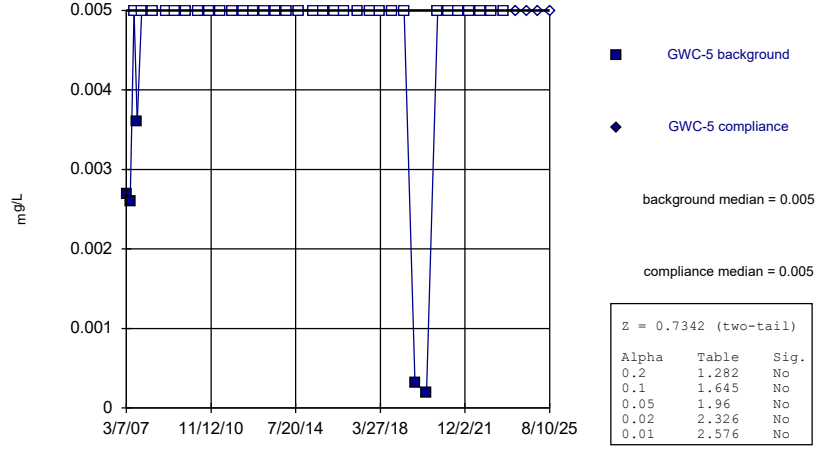
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 4/8/2026 12:30 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-5



Z = 0.7342 (two-tail)

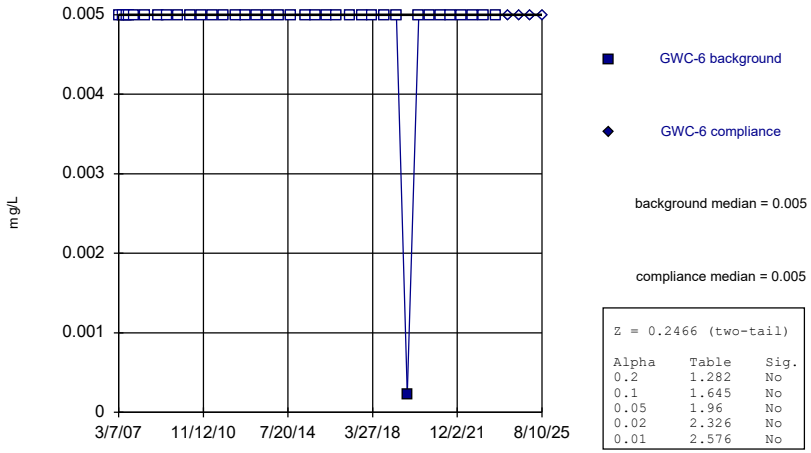
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 4/8/2026 12:30 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-6



Z = 0.2466 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 4/8/2026 12:30 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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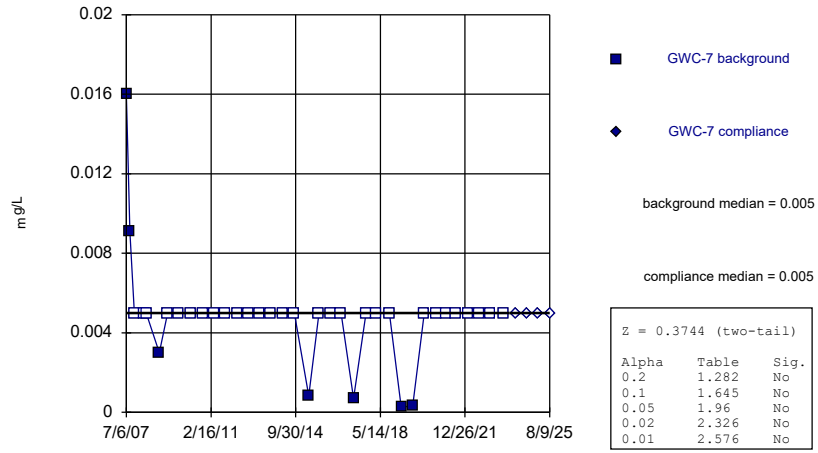
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-7



Z = 0.3744 (two-tail)

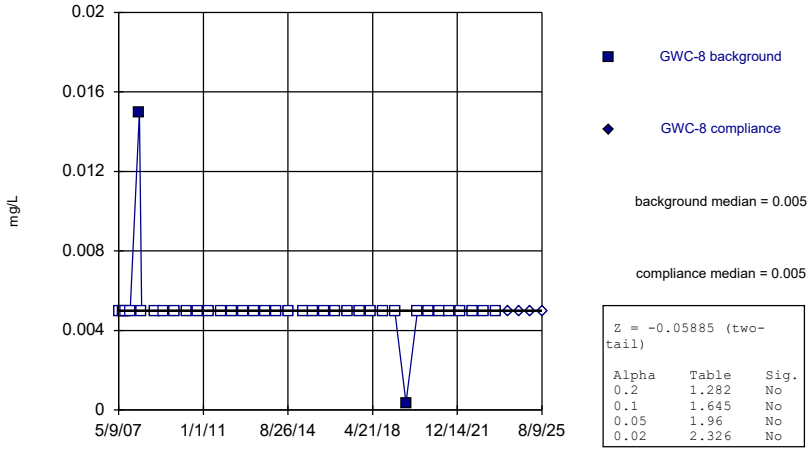
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 4/8/2026 12:30 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-8



Z = -0.05885 (two-tail)

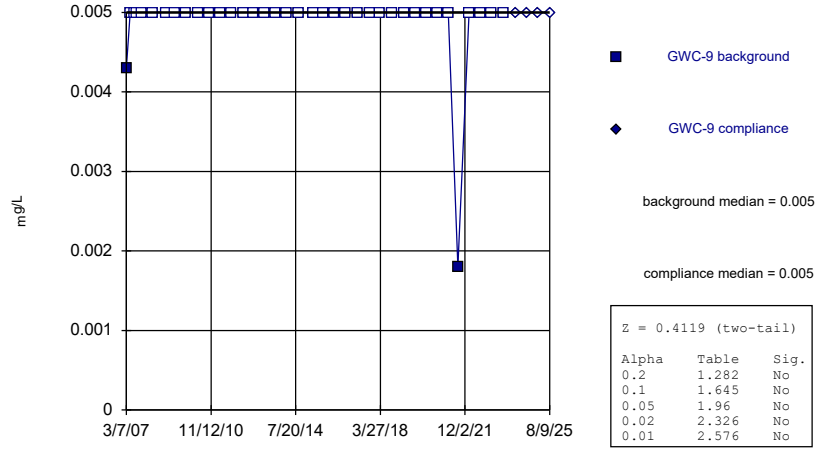
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No

Constituent: Copper Analysis Run 4/8/2026 12:30 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



Z = 0.4119 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 4/8/2026 12:30 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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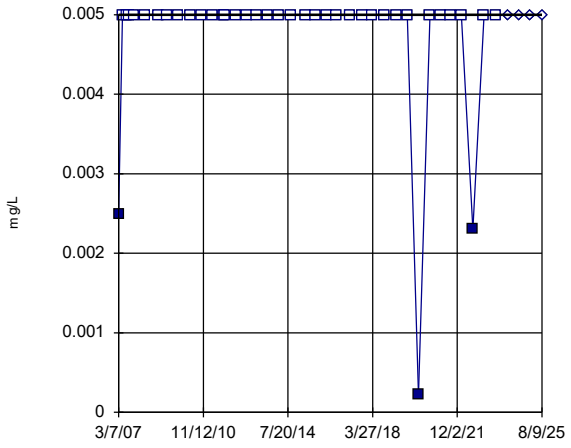
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-10



GWC-10 background

GWC-10 compliance

background median = 0.005

compliance median = 0.005

Z = 0.5277 (two-tail)

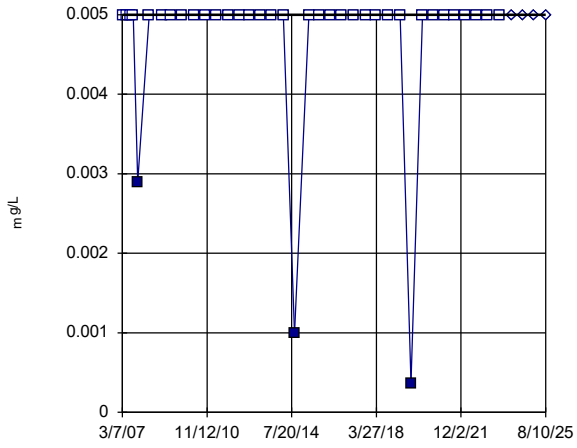
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 4/8/2026 12:30 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-18



GWC-18 background

GWC-18 compliance

background median = 0.005

compliance median = 0.005

Z = 0.5351 (two-tail)

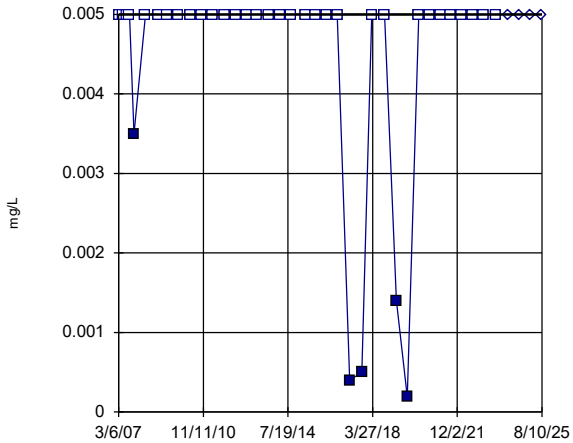
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 4/8/2026 12:30 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



GWC-19 background

GWC-19 compliance

background median = 0.005

compliance median = 0.005

Z = 0.7342 (two-tail)

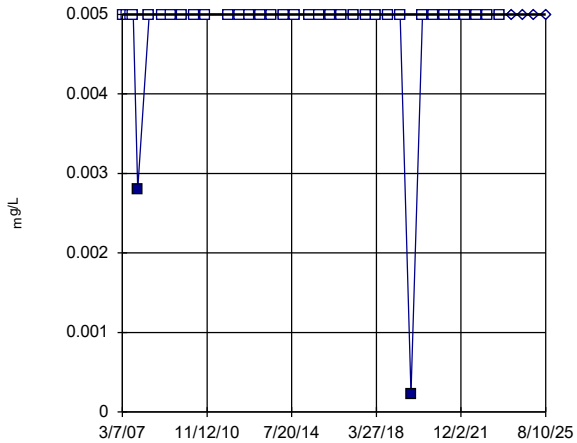
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 4/8/2026 12:30 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-20



GWC-20 background

GWC-20 compliance

background median = 0.005

compliance median = 0.005

Z = 0.4177 (two-tail)

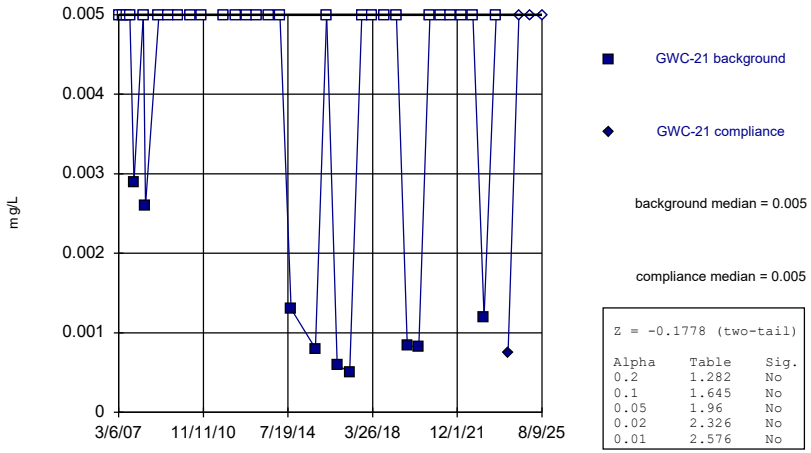
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 4/8/2026 12:30 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-21



Z = -0.1778 (two-tail)

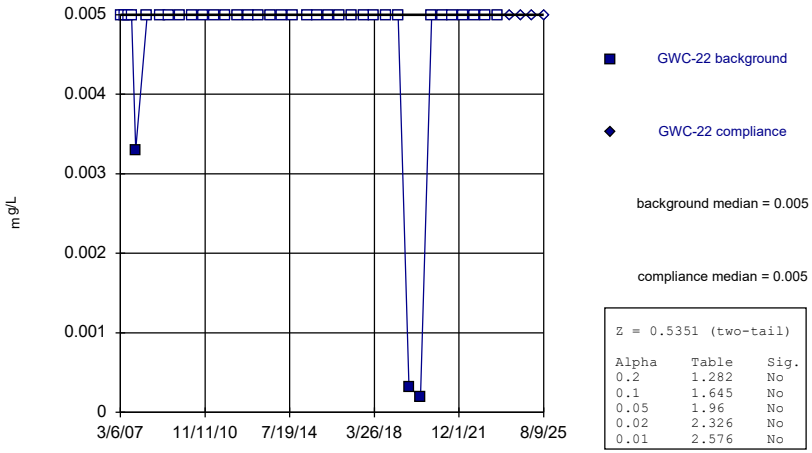
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 4/8/2026 12:30 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-22



Z = 0.5351 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 4/8/2026 12:30 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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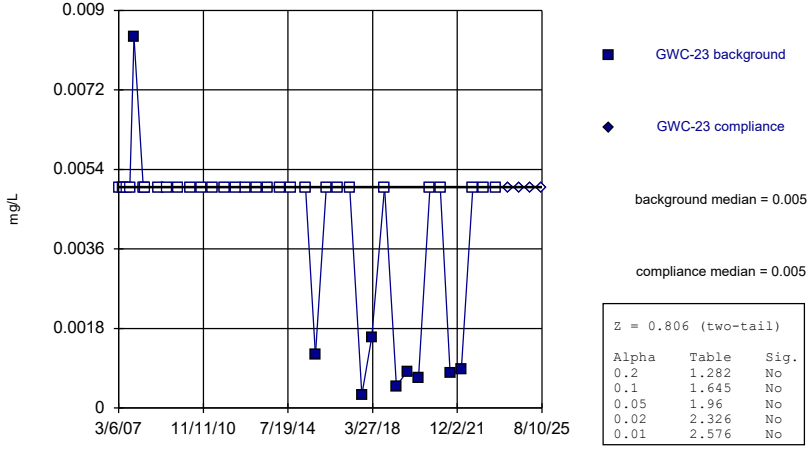
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-23



Z = 0.806 (two-tail)

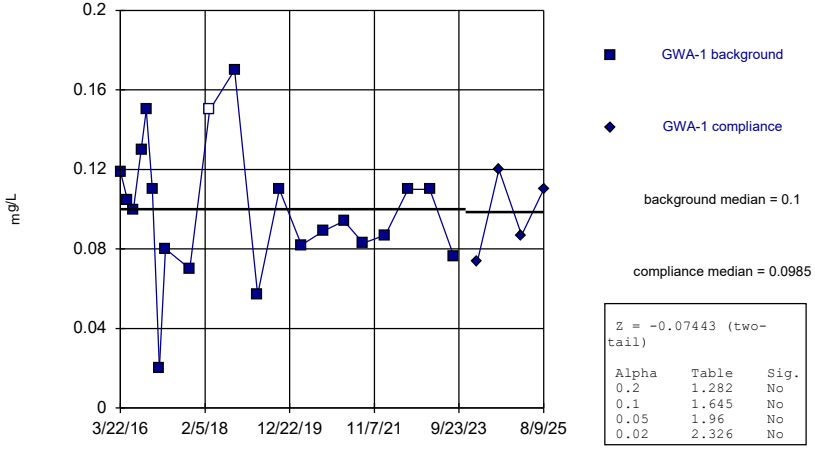
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 4/8/2026 12:30 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-1 (bg)



Z = -0.07443 (two-tail)

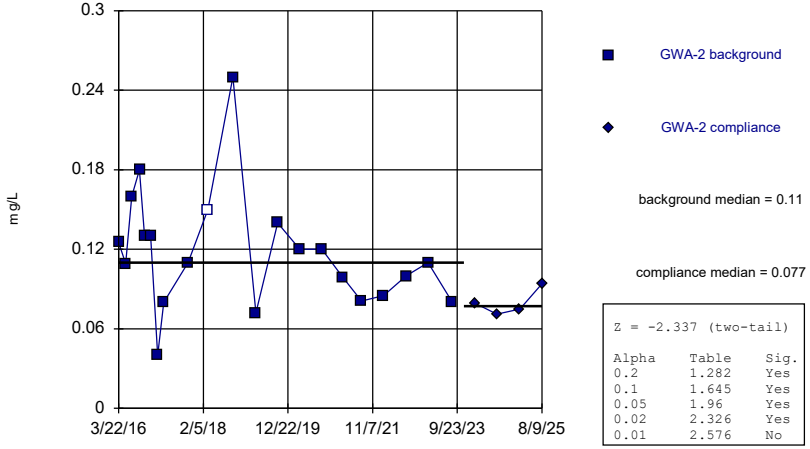
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No

Constituent: Fluoride Analysis Run 4/8/2026 12:30 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-2 (bg)



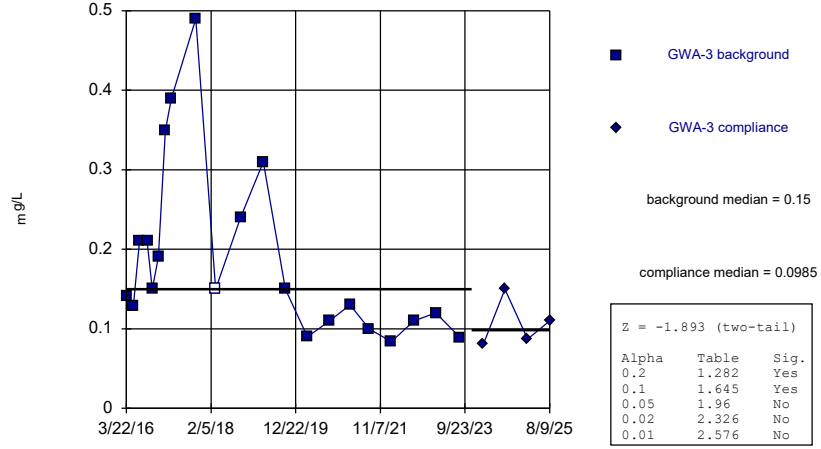

```
Z = -2.337 (two-tail)

Alpha    Table    Sig.
0.2      1.282    Yes
0.1      1.645    Yes
0.05     1.96     Yes
0.02     2.326    Yes
0.01     2.576    No
```

Constituent: Fluoride Analysis Run 4/8/2026 12:30 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-3 (bg)



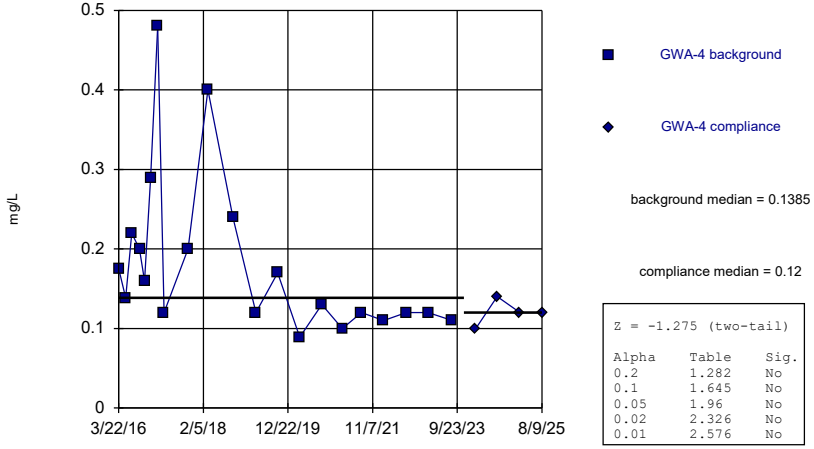

```
Z = -1.893 (two-tail)

Alpha    Table    Sig.
0.2      1.282    Yes
0.1      1.645    Yes
0.05     1.96     No
0.02     2.326    No
0.01     2.576    No
```

Constituent: Fluoride Analysis Run 4/8/2026 12:30 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Mann-Whitney (Wilcoxon Rank Sum)

GWA-4 (bg)




```
Z = -1.275 (two-tail)

Alpha    Table    Sig.
0.2      1.282    No
0.1      1.645    No
0.05     1.96     No
0.02     2.326    No
0.01     2.576    No
```

Constituent: Fluoride Analysis Run 4/8/2026 12:30 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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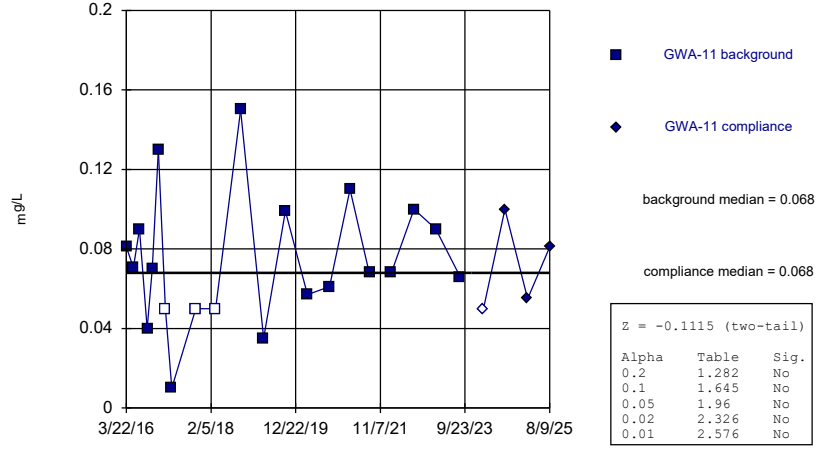
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-11 (bg)




```
Z = -0.1115 (two-tail)

Alpha    Table    Sig.
0.2      1.282    No
0.1      1.645    No
0.05     1.96     No
0.02     2.326    No
0.01     2.576    No
```

Constituent: Fluoride Analysis Run 4/8/2026 12:30 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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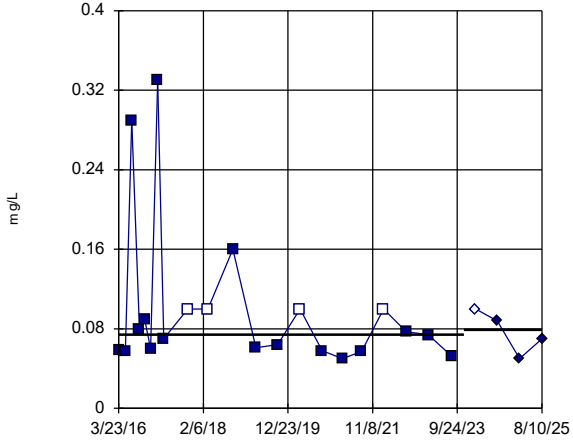
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-5



GWC-5 background

GWC-5 compliance

background median = 0.074

compliance median = 0.079

Z = -0.2605 (two-tail)

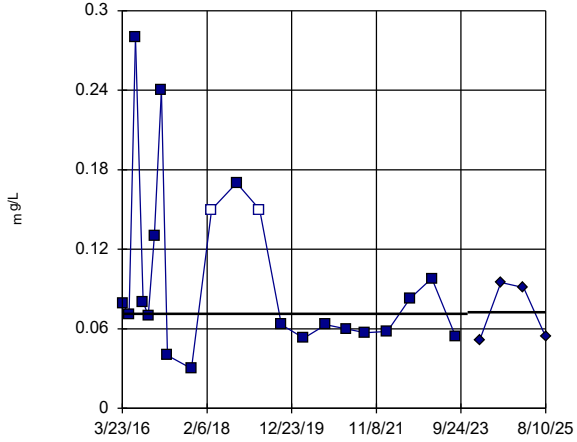
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 4/8/2026 12:31 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-6



GWC-6 background

GWC-6 compliance

background median = 0.0712

compliance median = 0.0725

Z = -0.6675 (two-tail)

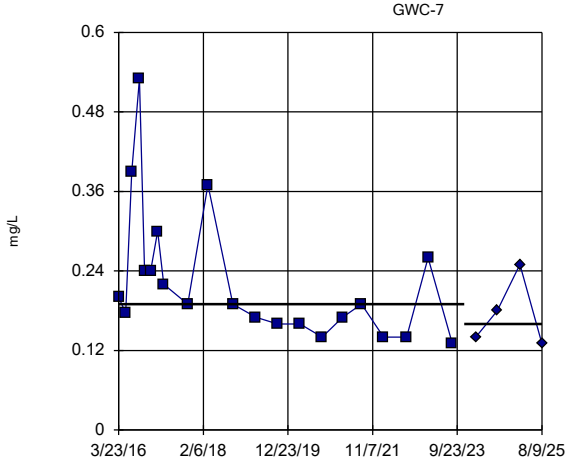
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 4/8/2026 12:31 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Mann-Whitney (Wilcoxon Rank Sum)

GWC-7



GWC-7 background

GWC-7 compliance

background median = 0.19

compliance median = 0.16

Z = -1.079 (two-tail)

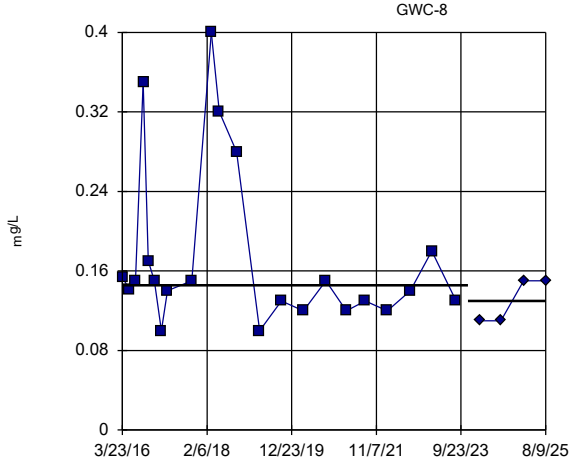
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 4/8/2026 12:31 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Mann-Whitney (Wilcoxon Rank Sum)

GWC-8



GWC-8 background

GWC-8 compliance

background median = 0.1457

compliance median = 0.13

Z = -1.039 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 4/8/2026 12:31 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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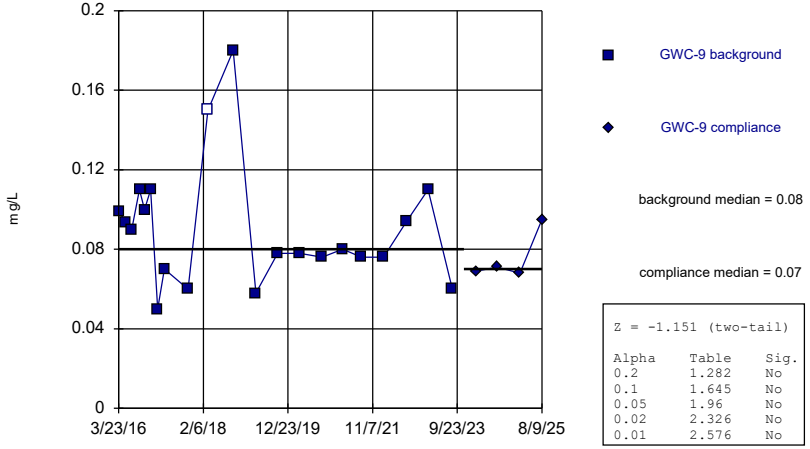
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



Z = -1.151 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 4/8/2026 12:31 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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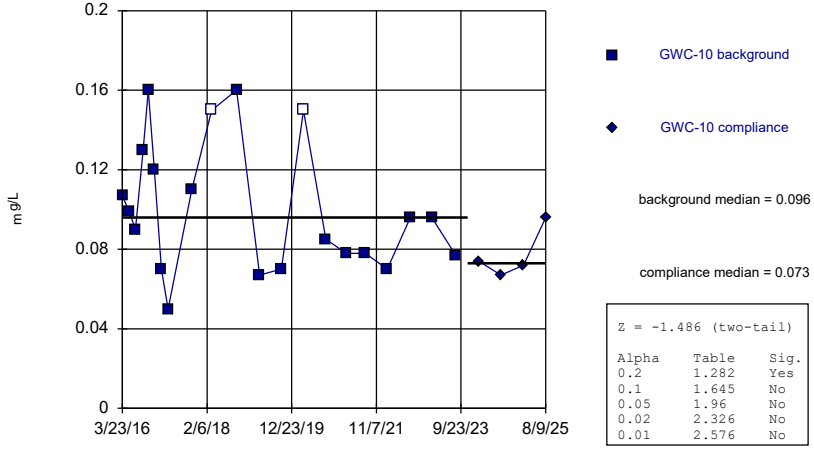
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-10



Z = -1.486 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 4/8/2026 12:31 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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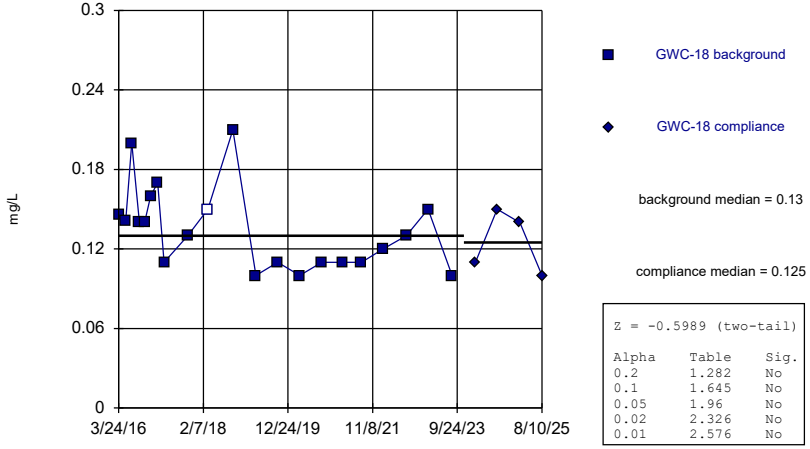
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-18



Z = -0.5989 (two-tail)

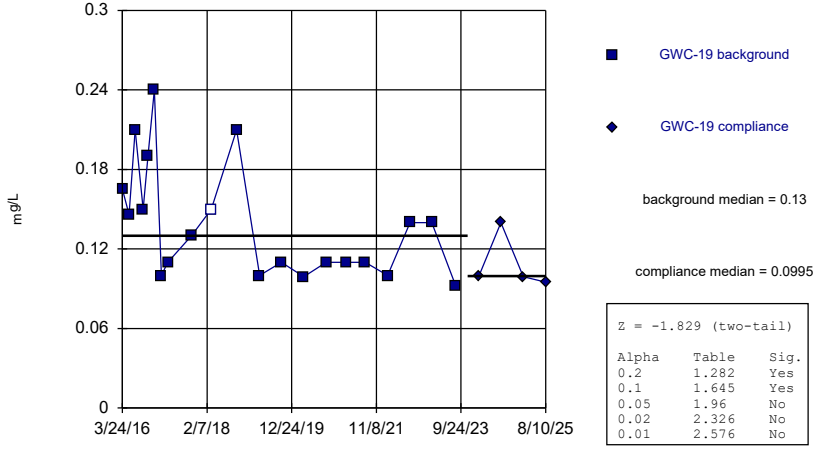
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 4/8/2026 12:31 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



Z = -1.829 (two-tail)

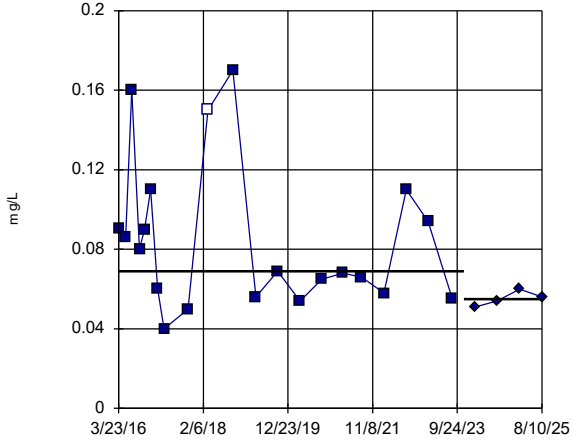
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 4/8/2026 12:31 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-20



GWC-20 background

GWC-20 compliance

background median = 0.069

compliance median = 0.055

Z = -2.003 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 4/8/2026 12:31 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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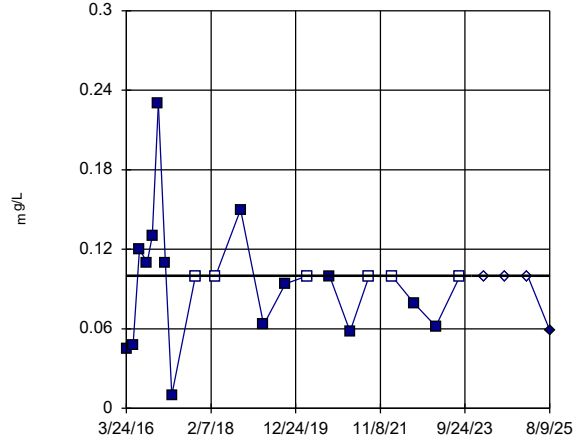
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-21



GWC-21 background

GWC-21 compliance

background median = 0.1

compliance median = 0.1

Z = -0.1898 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 4/8/2026 12:31 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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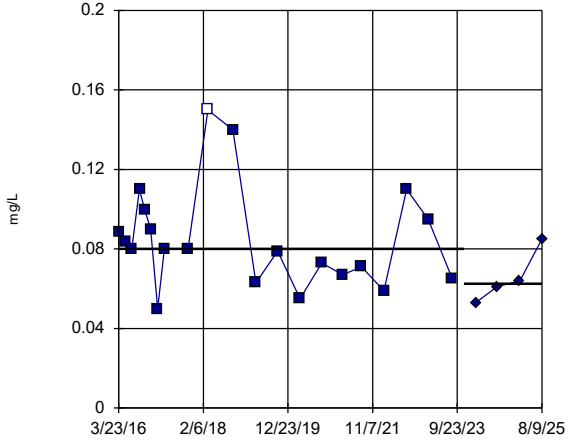
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-22



GWC-22 background

GWC-22 compliance

background median = 0.08

compliance median = 0.0625

Z = -1.595 (two-tail)

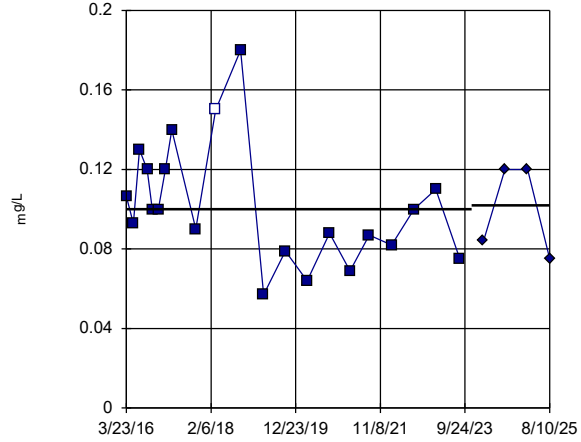
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 4/8/2026 12:31 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-23



GWC-23 background

GWC-23 compliance

background median = 0.1

compliance median = 0.102

Z = -0.07434 (two-tail)

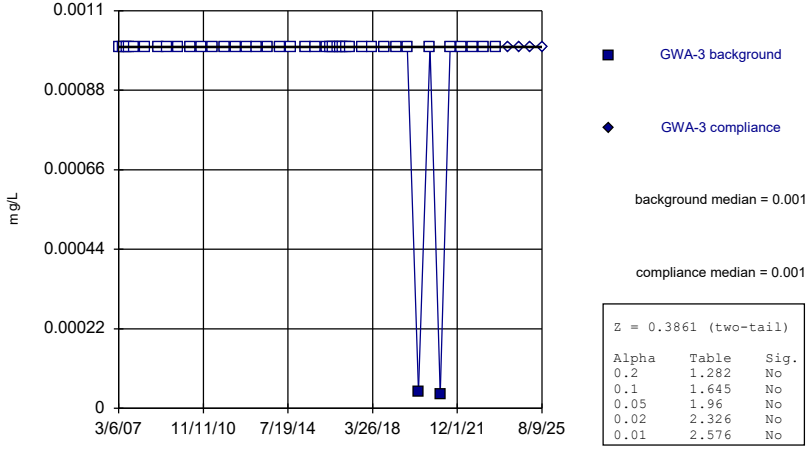
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No

Constituent: Fluoride Analysis Run 4/8/2026 12:31 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-3 (bg)



Z = 0.3861 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 4/8/2026 12:31 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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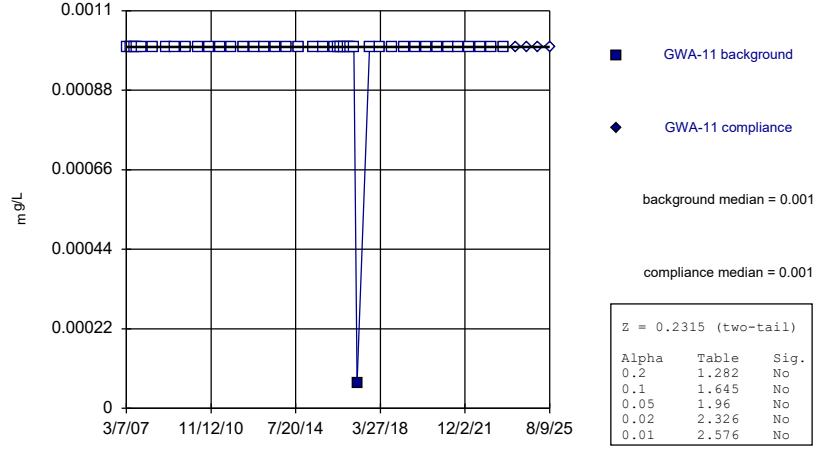
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-11 (bg)



Z = 0.2315 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 4/8/2026 12:31 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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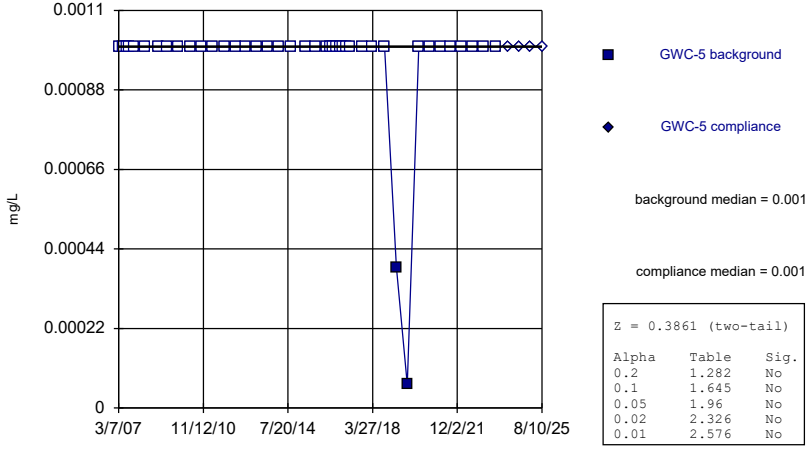
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-5



Z = 0.3861 (two-tail)

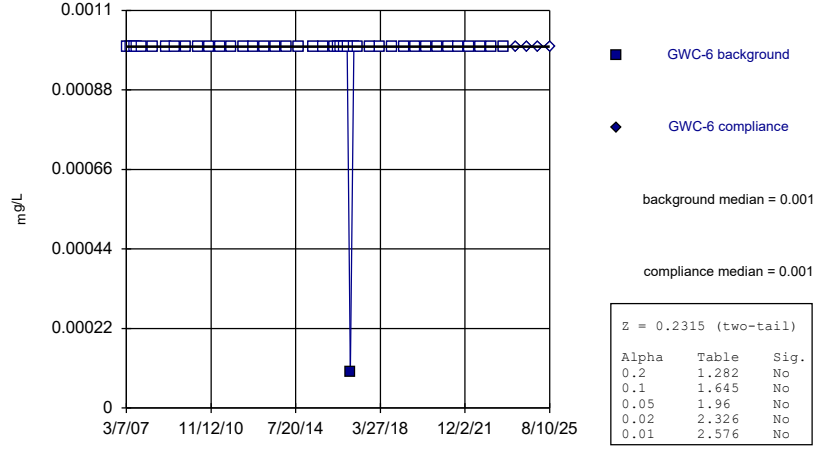
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 4/8/2026 12:31 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-6



Z = 0.2315 (two-tail)

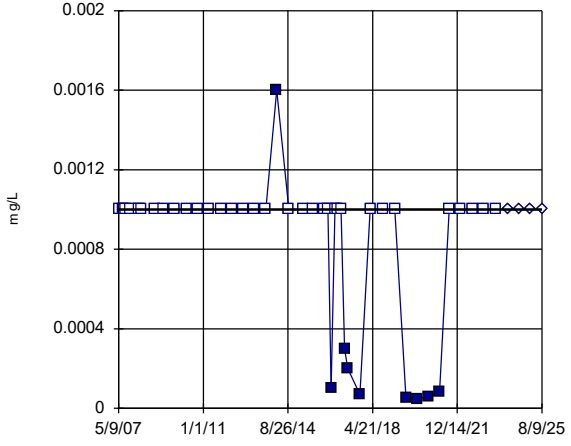
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 4/8/2026 12:31 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-7



GWC-7 background

GWC-7 compliance

background median = 0.001

compliance median = 0.001

Z = 0.7598 (two-tail)

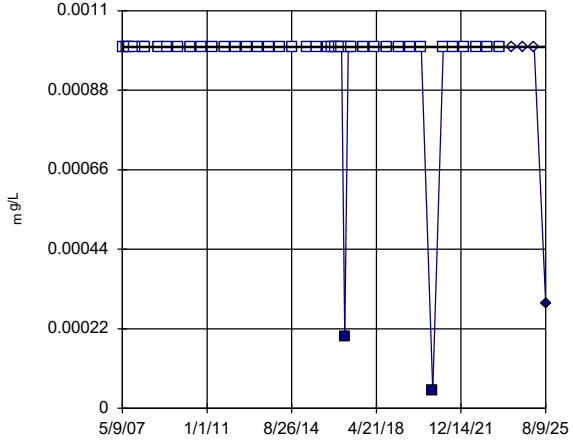
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 4/8/2026 12:31 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-8



GWC-8 background

GWC-8 compliance

background median = 0.001

compliance median = 0.001

Z = -1.503 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 4/8/2026 12:31 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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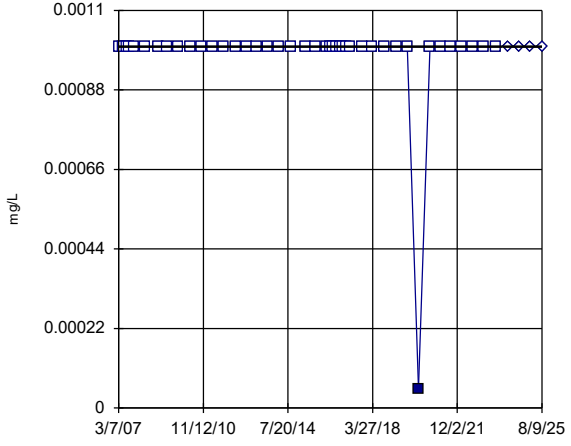
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-10



GWC-10 background

GWC-10 compliance

background median = 0.001

compliance median = 0.001

Z = 0.2315 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 4/8/2026 12:31 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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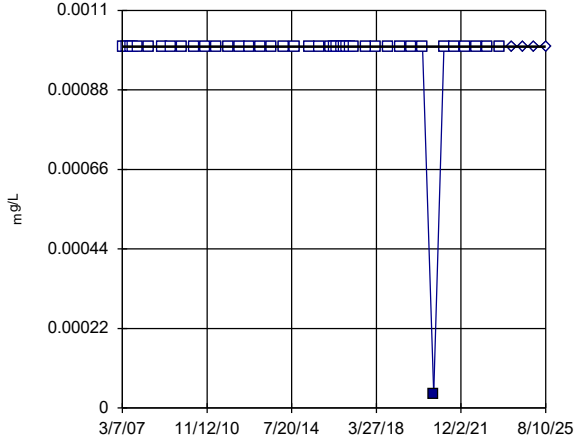
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-18



GWC-18 background

GWC-18 compliance

background median = 0.001

compliance median = 0.001

Z = 0.2315 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 4/8/2026 12:31 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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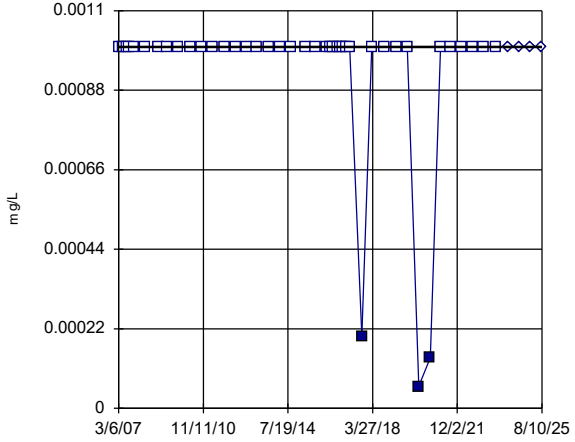
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



GWC-19 background

GWC-19 compliance

background median = 0.001

compliance median = 0.001

Z = 0.5009 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 4/8/2026 12:31 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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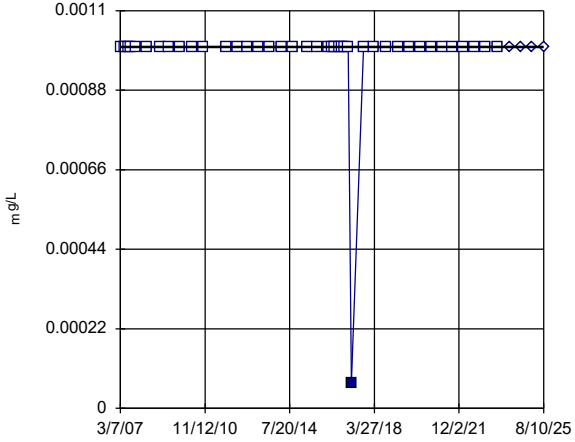
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-20



GWC-20 background

GWC-20 compliance

background median = 0.001

compliance median = 0.001

Z = 0.2343 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 4/8/2026 12:31 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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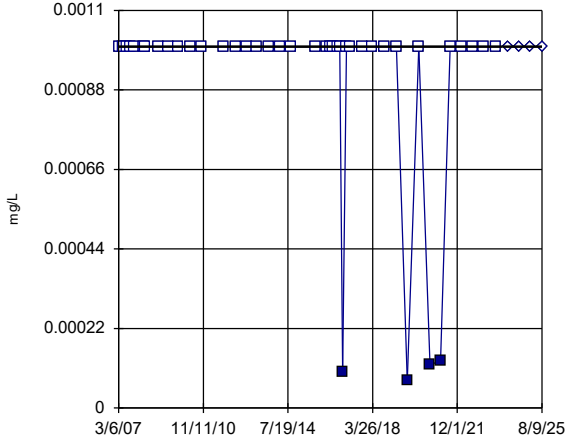
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-21



GWC-21 background

GWC-21 compliance

background median = 0.001

compliance median = 0.001

Z = 0.6059 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 4/8/2026 12:31 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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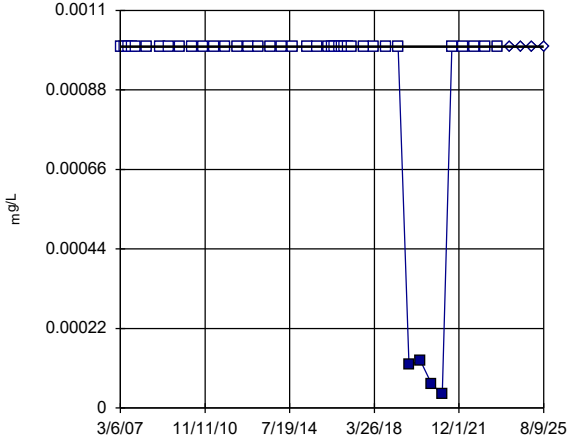
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-22



GWC-22 background

GWC-22 compliance

background median = 0.001

compliance median = 0.001

Z = 0.5982 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 4/8/2026 12:31 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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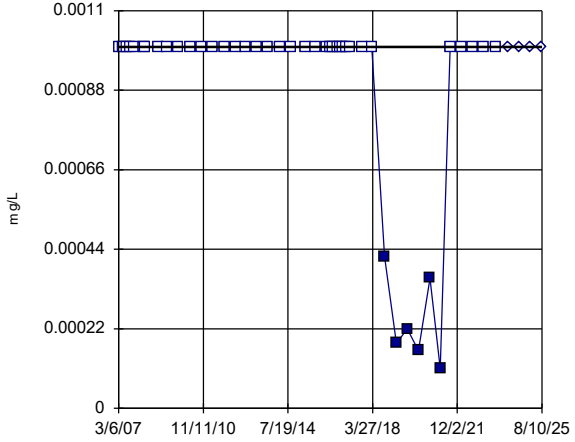
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-23



GWC-23 background

GWC-23 compliance

background median = 0.001

compliance median = 0.001

Z = 0.7561 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 4/8/2026 12:31 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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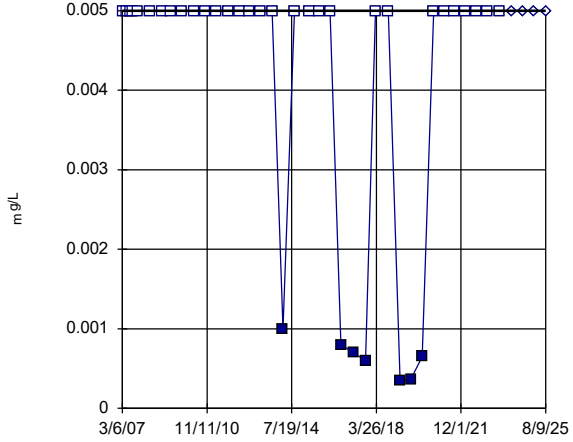
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-1 (bg)



GWA-1 background

GWA-1 compliance

background median = 0.005

compliance median = 0.005

Z = 0.9047 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 4/8/2026 12:31 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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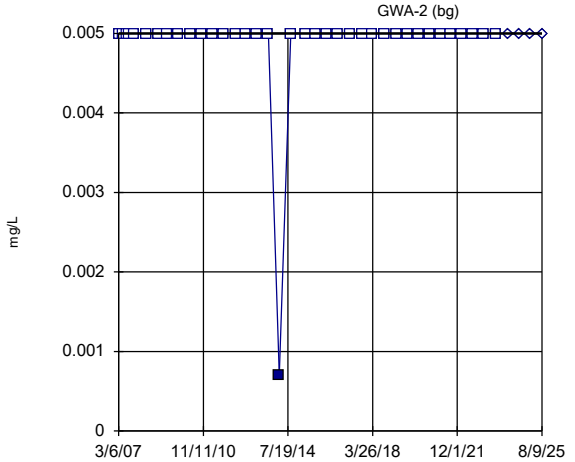
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-2 (bg)



GWA-2 background

GWA-2 compliance

background median = 0.005

compliance median = 0.005

Z = 0.2466 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 4/8/2026 12:31 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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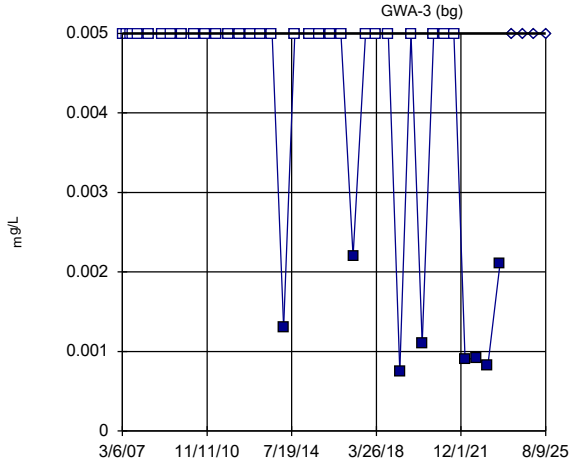
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-3 (bg)



GWA-3 background

GWA-3 compliance

background median = 0.005

compliance median = 0.005

Z = 0.9843 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 4/8/2026 12:31 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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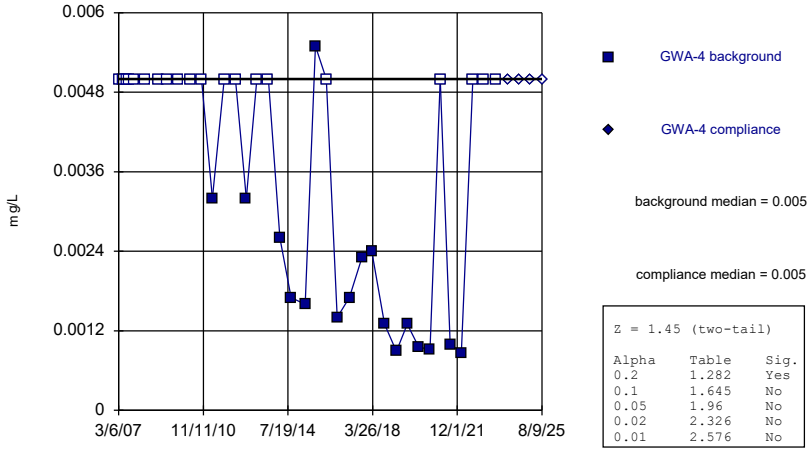
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-4 (bg)



Z = 1.45 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 4/8/2026 12:31 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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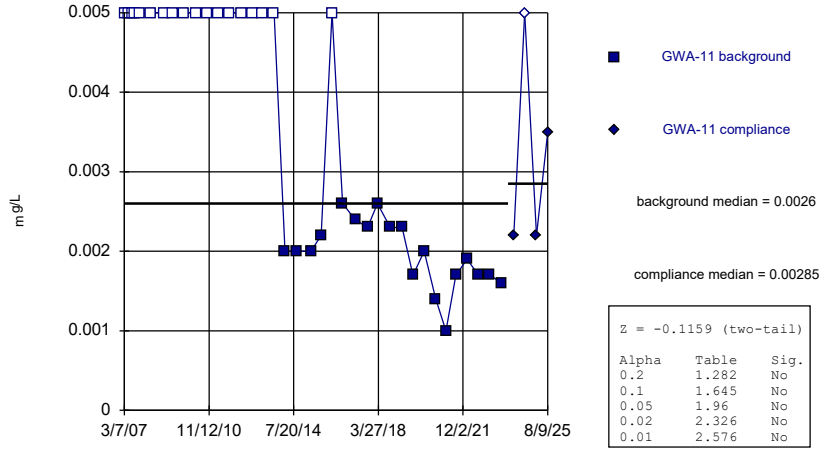
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-11 (bg)



Z = -0.1159 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 4/8/2026 12:32 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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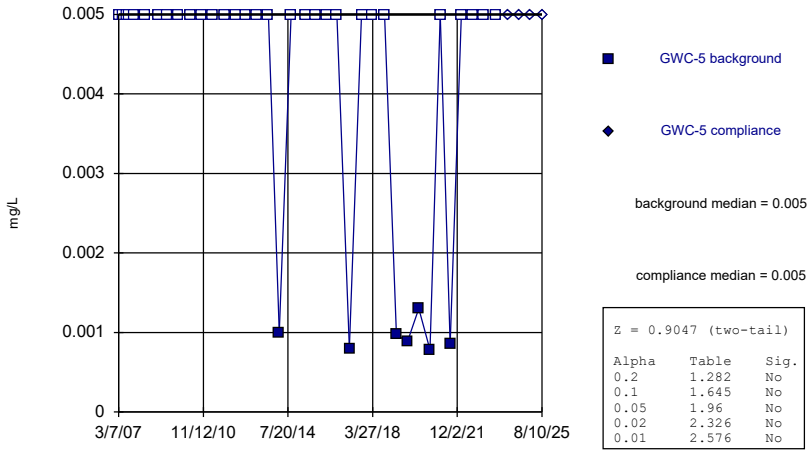
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-5



Z = 0.9047 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 4/8/2026 12:32 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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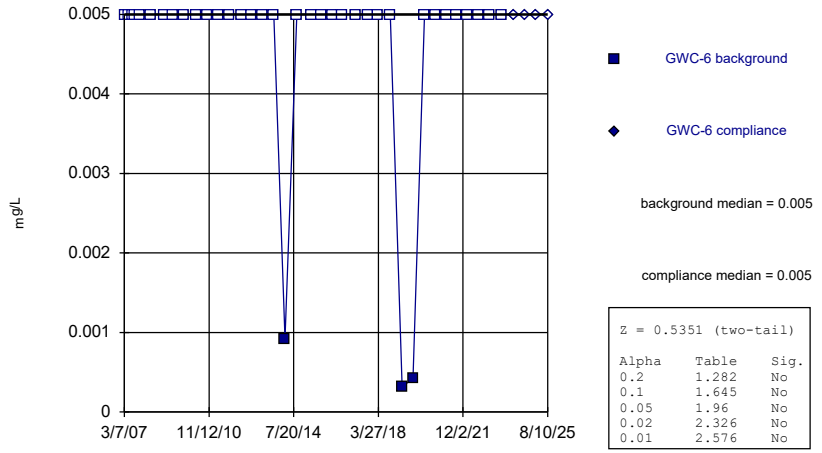
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-6



Z = 0.5351 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 4/8/2026 12:32 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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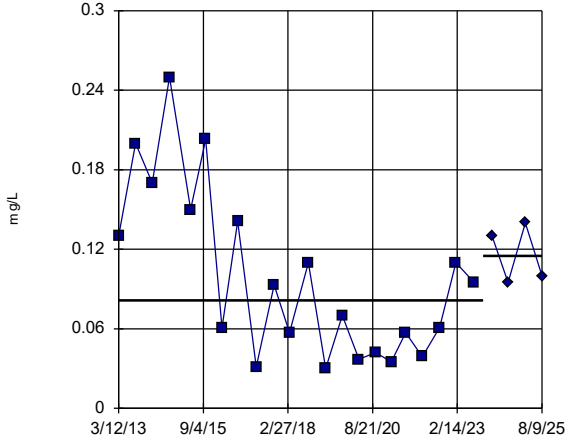
Mann-Whitney (Wilcoxon Rank Sum)

GWC-7



GWC-7 background

GWC-7 compliance

background median = 0.0815

compliance median = 0.115

Z = 0.8889 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 4/8/2026 12:32 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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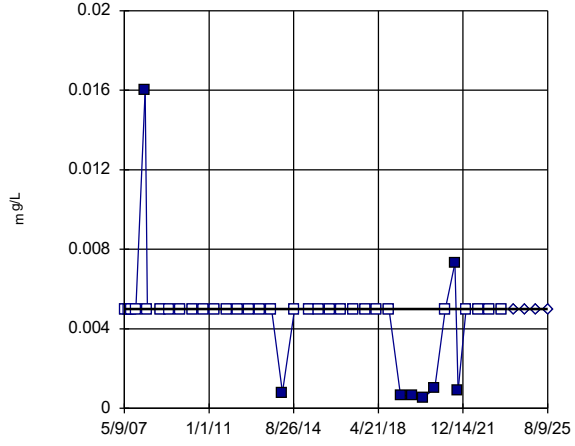
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-8



GWC-8 background

GWC-8 compliance

background median = 0.005

compliance median = 0.005

Z = 0.4689 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 4/8/2026 12:32 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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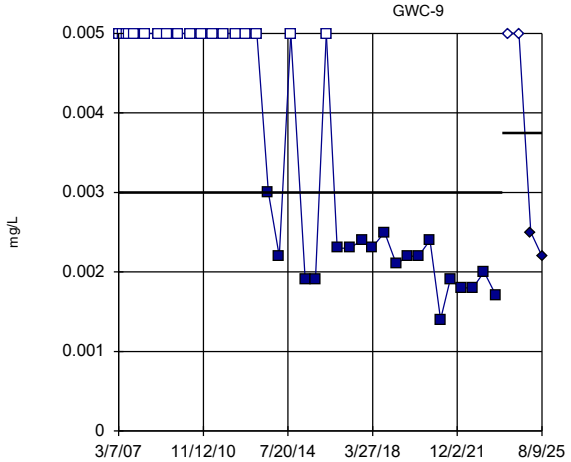
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



GWC-9 background

GWC-9 compliance

background median = 0.003

compliance median = 0.00375

Z = 0.4444 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 4/8/2026 12:32 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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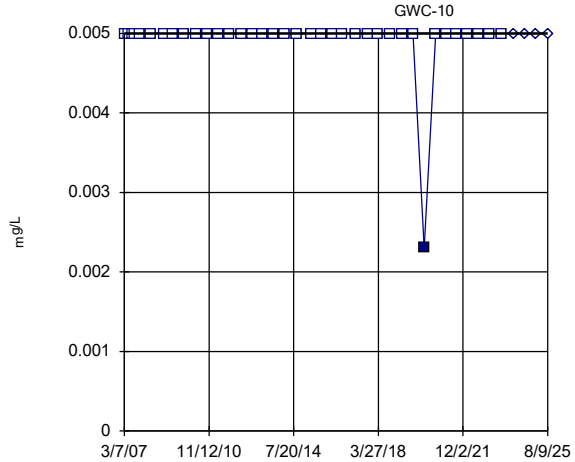
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-10



GWC-10 background

GWC-10 compliance

background median = 0.005

compliance median = 0.005

Z = 0.2466 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 4/8/2026 12:32 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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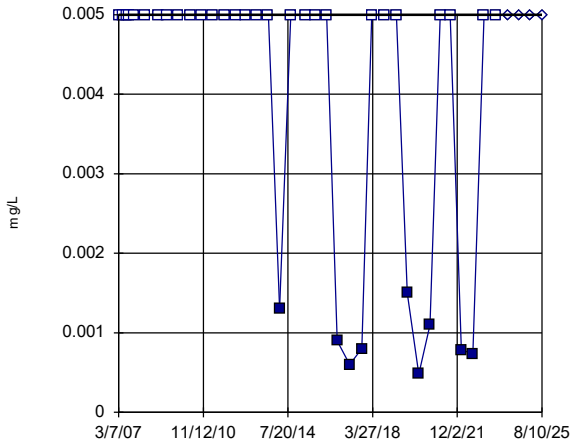
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-18



GWC-18 background

GWC-18 compliance

background median = 0.005

compliance median = 0.005

Z = 1.061 (two-tail)

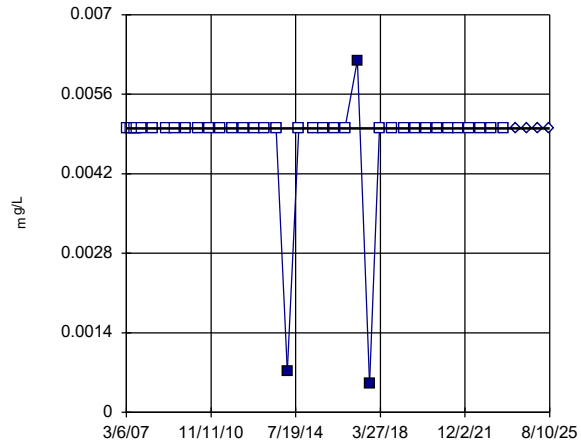
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 4/8/2026 12:32 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



GWC-19 background

GWC-19 compliance

background median = 0.005

compliance median = 0.005

Z = 0.1459 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 4/8/2026 12:32 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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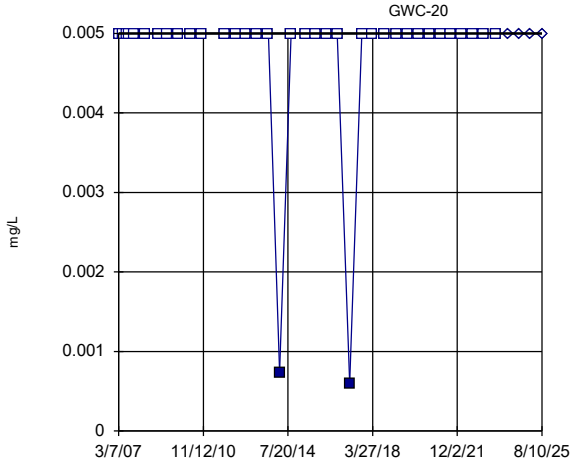
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-20



GWC-20 background

GWC-20 compliance

background median = 0.005

compliance median = 0.005

Z = 0.4177 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 4/8/2026 12:32 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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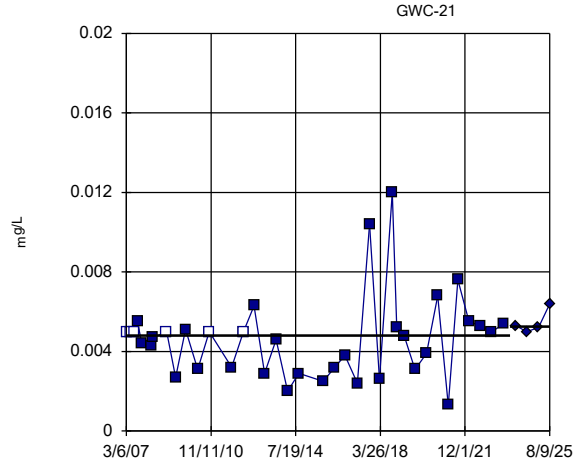
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-21



GWC-21 background

GWC-21 compliance

background median = 0.0048

compliance median = 0.00525

Z = 1.761 (two-tail)

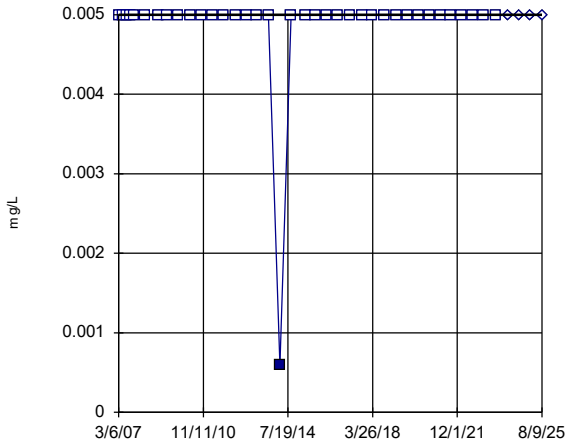
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 4/8/2026 12:32 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-22



GWC-22 background

GWC-22 compliance

background median = 0.005

compliance median = 0.005

Z = 0.2466 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 4/8/2026 12:32 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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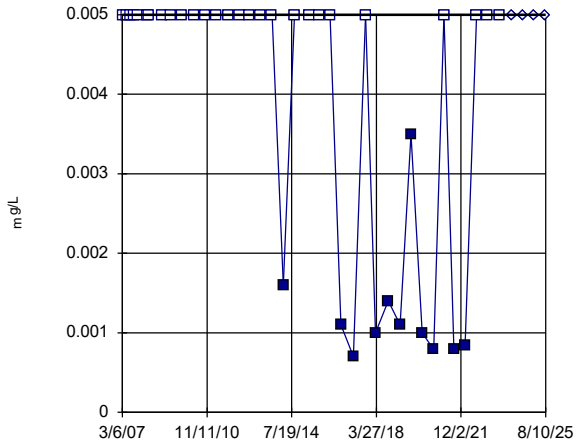
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-23



GWC-23 background

GWC-23 compliance

background median = 0.005

compliance median = 0.005

Z = 1.191 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 4/8/2026 12:32 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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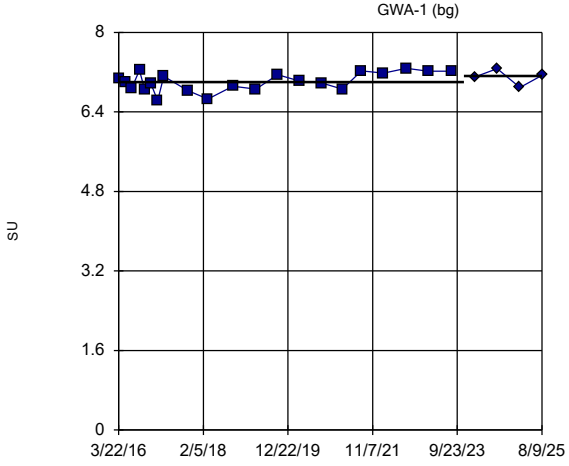
Mann-Whitney (Wilcoxon Rank Sum)

GWA-1 (bg)



GWA-1 background

GWA-1 compliance

background median = 7

compliance median = 7.125

Z = 0.8534 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 4/8/2026 12:32 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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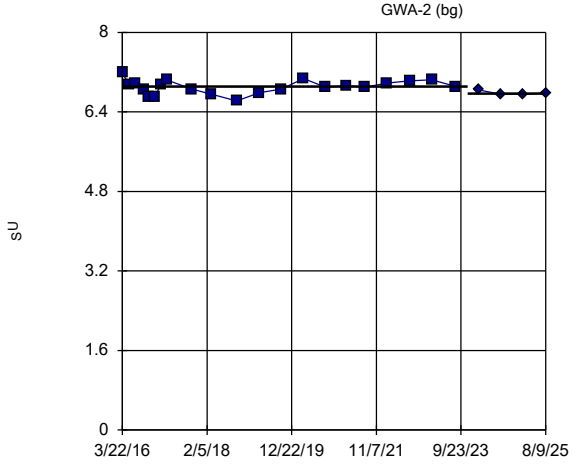
Mann-Whitney (Wilcoxon Rank Sum)

GWA-2 (bg)



GWA-2 background

GWA-2 compliance

background median = 6.91

compliance median = 6.77

Z = -1.968 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 4/8/2026 12:32 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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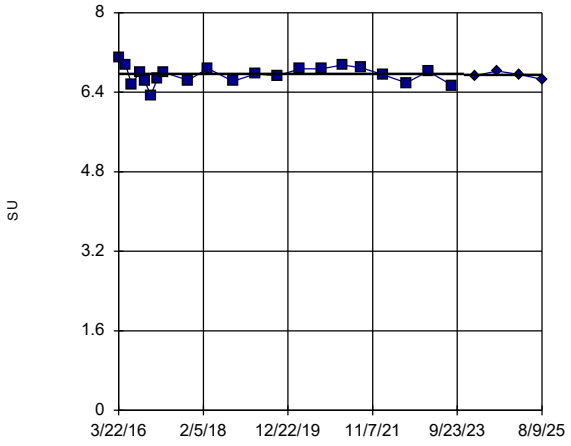
Mann-Whitney (Wilcoxon Rank Sum)

GWA-3 (bg)



GWA-3 background

GWA-3 compliance

background median = 6.77

compliance median = 6.75

Z = -0.1854 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 4/8/2026 12:32 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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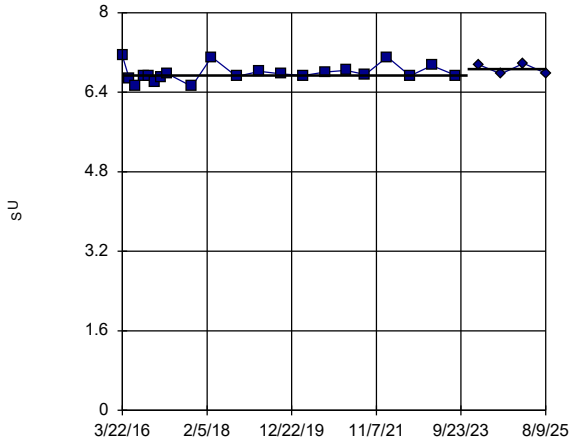
Mann-Whitney (Wilcoxon Rank Sum)

GWA-4 (bg)



GWA-4 background

GWA-4 compliance

background median = 6.74

compliance median = 6.865

Z = 1.522 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 4/8/2026 12:32 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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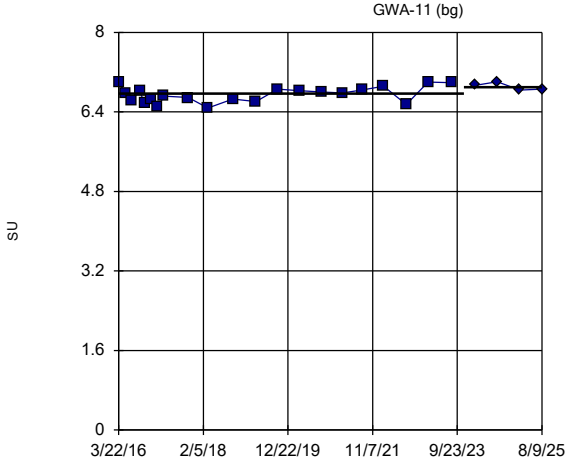
Mann-Whitney (Wilcoxon Rank Sum)

GWA-11 (bg)



GWA-11 background

GWA-11 compliance

background median = 6.77

compliance median = 6.9

Z = 2.115 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 4/8/2026 12:32 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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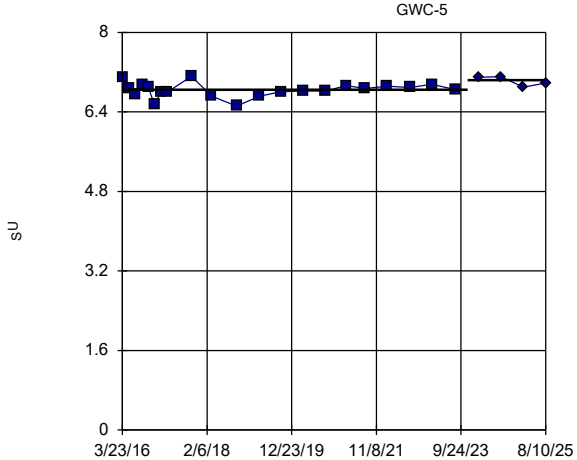
Mann-Whitney (Wilcoxon Rank Sum)

GWC-5



GWC-5 background

GWC-5 compliance

background median = 6.85

compliance median = 7.04

Z = 2.263 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 4/8/2026 12:32 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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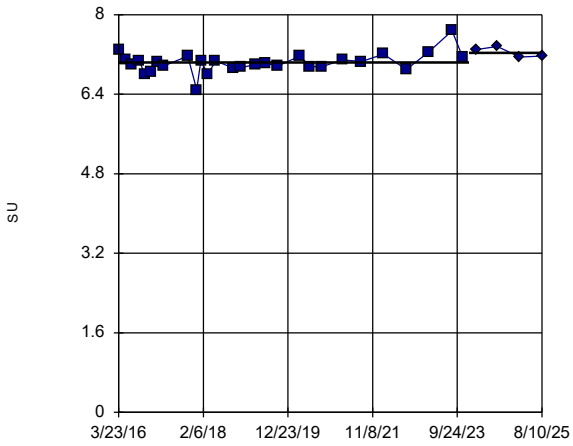
Mann-Whitney (Wilcoxon Rank Sum)

GWC-6



GWC-6 background

GWC-6 compliance

background median = 7.04

compliance median = 7.235

Z = 2.395 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: pH, Field Analysis Run 4/8/2026 12:32 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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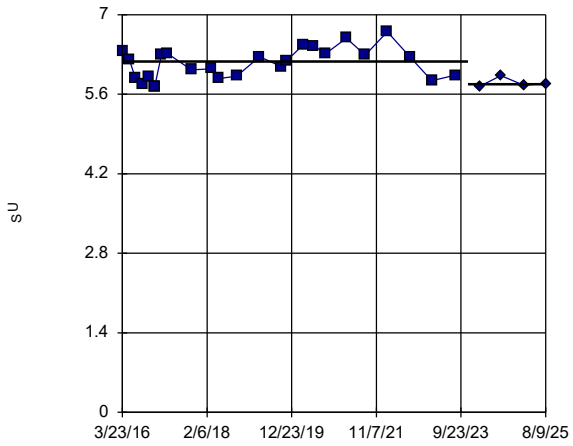
Mann-Whitney (Wilcoxon Rank Sum)

GWC-7



GWC-7 background

GWC-7 compliance

background median = 6.18

compliance median = 5.775

Z = -2.246 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 4/8/2026 12:32 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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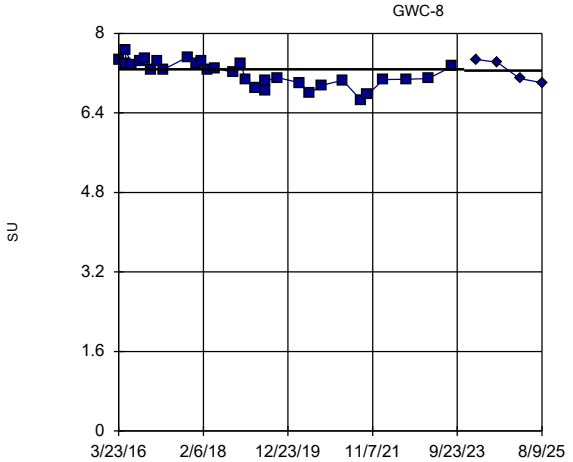
Mann-Whitney (Wilcoxon Rank Sum)

GWC-8



GWC-8 background

GWC-8 compliance

background median = 7.28

compliance median = 7.255

Z = 0.4411 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 4/8/2026 12:32 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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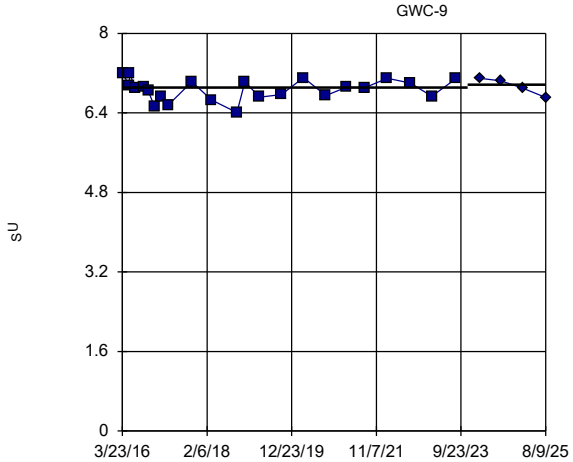
Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



GWC-9 background

GWC-9 compliance

background median = 6.91

compliance median = 6.97

Z = 0.3757 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 4/8/2026 12:32 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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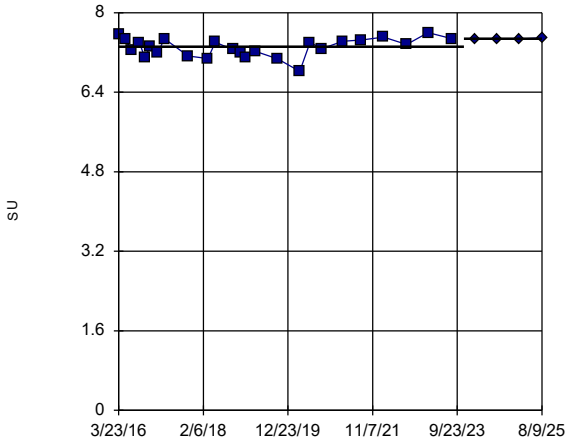
Mann-Whitney (Wilcoxon Rank Sum)

GWC-10



GWC-10 background

GWC-10 compliance

background median = 7.32

compliance median = 7.48

Z = 2.122 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 4/8/2026 12:32 PM View: Mann Whitney

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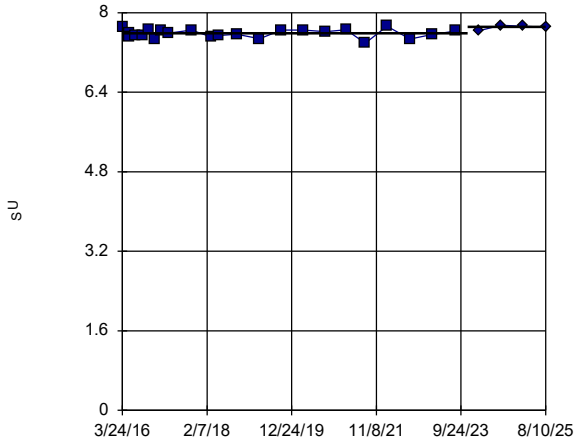
Mann-Whitney (Wilcoxon Rank Sum)

GWC-18



GWC-18 background

GWC-18 compliance

background median = 7.59

compliance median = 7.72

Z = 2.461 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: pH, Field Analysis Run 4/8/2026 12:32 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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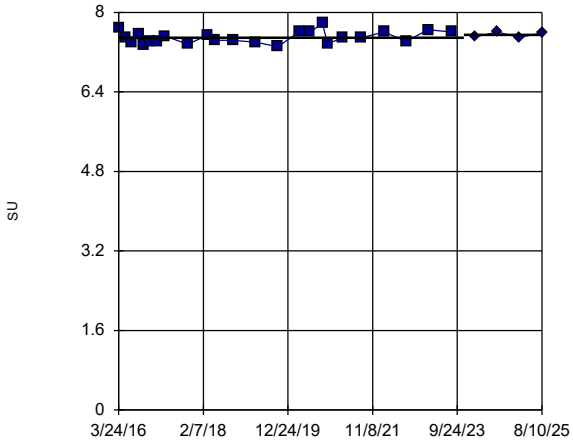
Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



GWC-19 background

GWC-19 compliance

background median = 7.49

compliance median = 7.55

Z = 0.987 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 4/8/2026 12:32 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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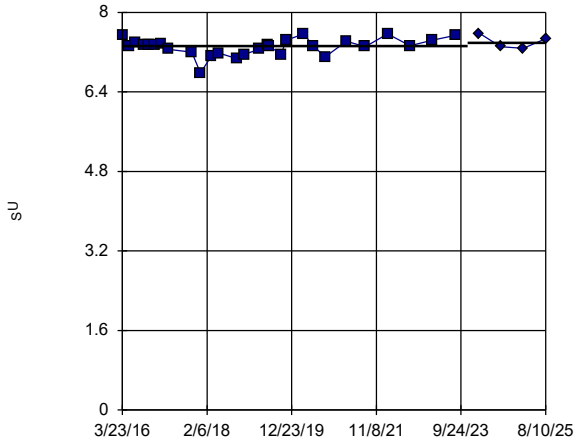
Mann-Whitney (Wilcoxon Rank Sum)

GWC-20



GWC-20 background

GWC-20 compliance

background median = 7.325

compliance median = 7.39

Z = 0.9703 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 4/8/2026 12:32 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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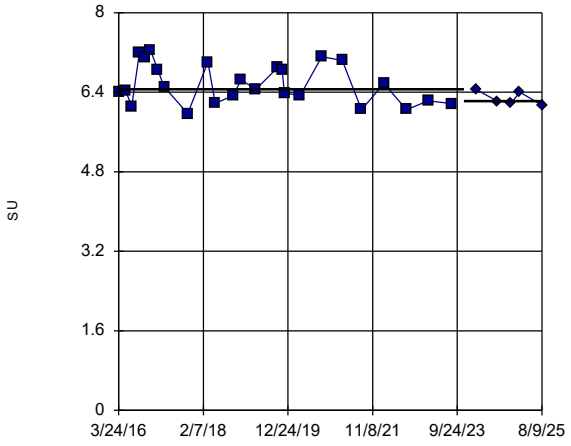
Mann-Whitney (Wilcoxon Rank Sum)

GWC-21



GWC-21 background

GWC-21 compliance

background median = 6.46

compliance median = 6.22

Z = -1.336 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 4/8/2026 12:32 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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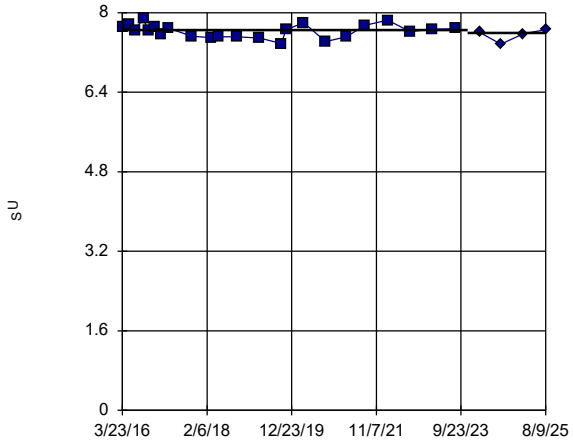
Mann-Whitney (Wilcoxon Rank Sum)

GWC-22



GWC-22 background

GWC-22 compliance

background median = 7.65

compliance median = 7.595

Z = -1.093 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 4/8/2026 12:32 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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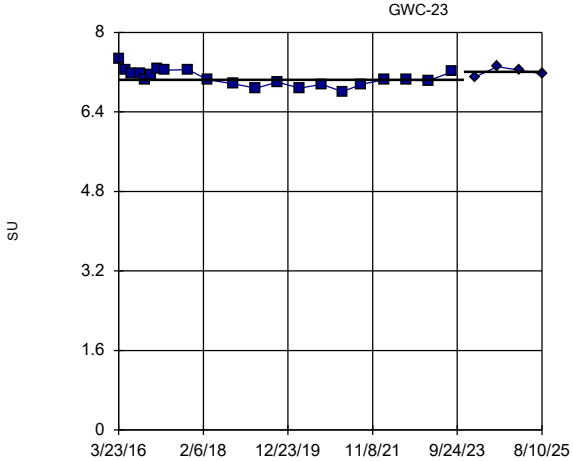
Mann-Whitney (Wilcoxon Rank Sum)

GWC-23



GWC-23 background

GWC-23 compliance

background median = 7.05

compliance median = 7.205

Z = 1.486 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 4/8/2026 12:32 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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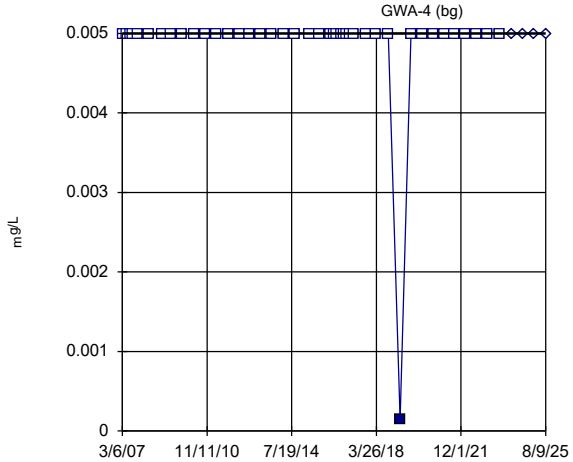
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-4 (bg)



GWA-4 background

GWA-4 compliance

background median = 0.005

compliance median = 0.005

Z = 0.2315 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Selenium Analysis Run 4/8/2026 12:33 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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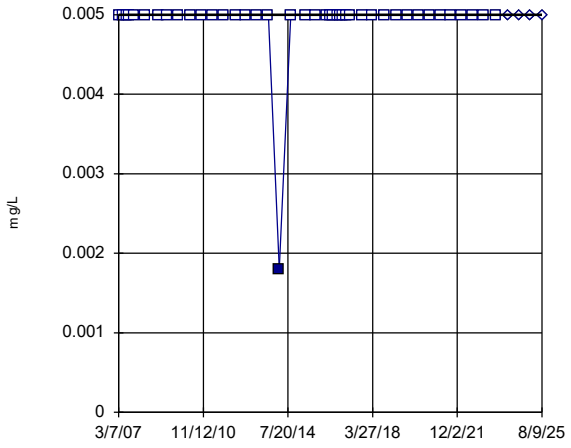
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



GWC-9 background

GWC-9 compliance

background median = 0.005

compliance median = 0.005

Z = 0.2315 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Selenium Analysis Run 4/8/2026 12:33 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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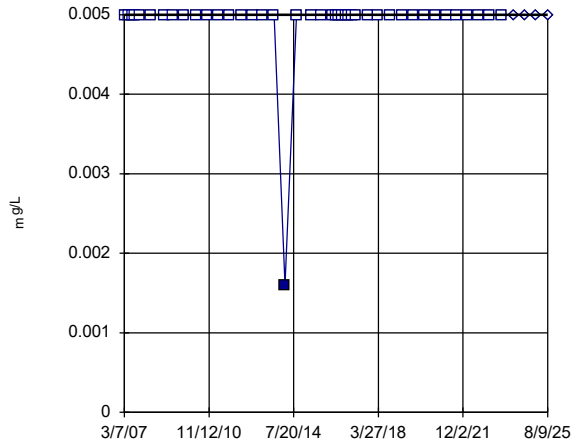
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-10



GWC-10 background

GWC-10 compliance

background median = 0.005

compliance median = 0.005

Z = 0.2315 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Selenium Analysis Run 4/8/2026 12:33 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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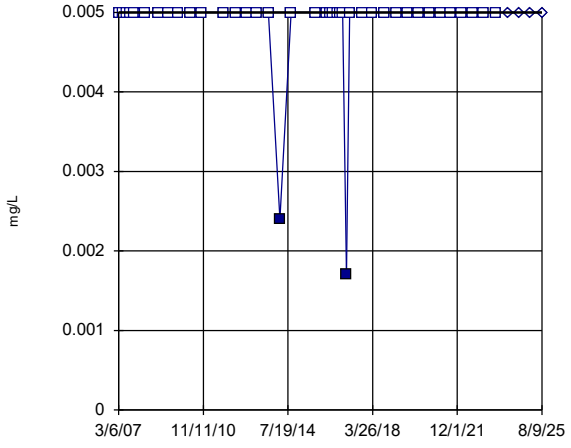
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-21



GWC-21 background

GWC-21 compliance

background median = 0.005

compliance median = 0.005

Z = 0.3909 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Selenium Analysis Run 4/8/2026 12:33 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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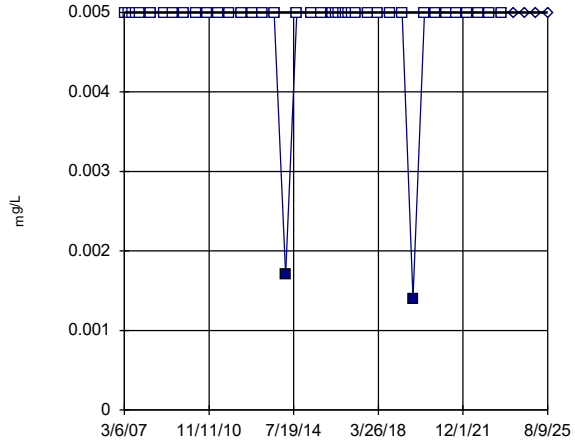
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-22



GWC-22 background

GWC-22 compliance

background median = 0.005

compliance median = 0.005

Z = 0.3861 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Selenium Analysis Run 4/8/2026 12:33 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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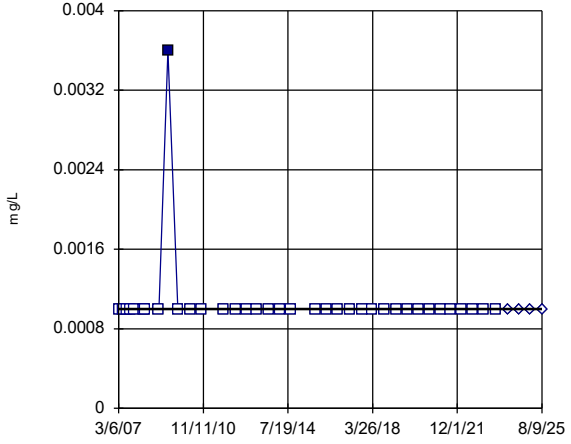
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-21



GWC-21 background

GWC-21 compliance

background median = 0.001

compliance median = 0.001

Z = -0.4167 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Silver Analysis Run 4/8/2026 12:33 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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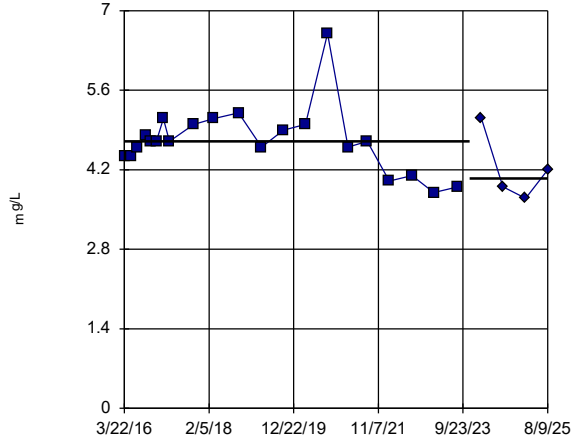
Mann-Whitney (Wilcoxon Rank Sum)

GWA-1 (bg)



GWA-1 background

GWA-1 compliance

background median = 4.7

compliance median = 4.05

Z = -1.414 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Sulfate Analysis Run 4/8/2026 12:33 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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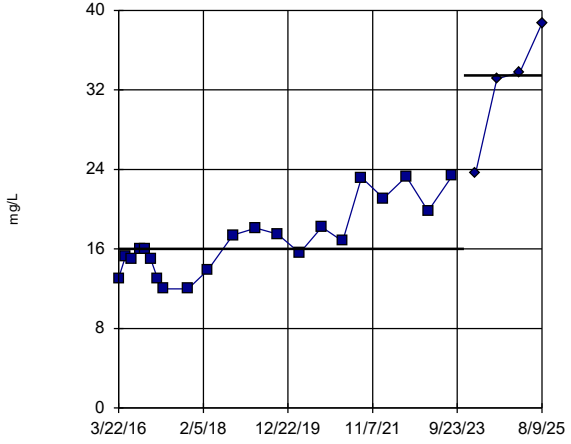
Mann-Whitney (Wilcoxon Rank Sum)

GWA-2 (bg)



GWA-2 background

GWA-2 compliance

background median = 16

compliance median = 33.45

Z = 3.078 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Sulfate Analysis Run 4/8/2026 12:33 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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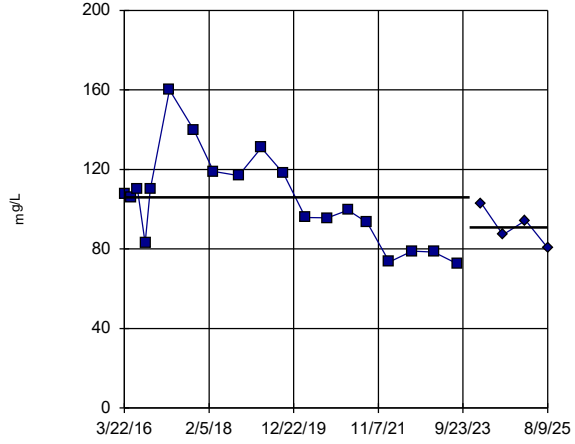
Mann-Whitney (Wilcoxon Rank Sum)

GWA-3 (bg)



GWA-3 background

GWA-3 compliance

background median = 106

compliance median = 90.8

Z = -1.176 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Sulfate Analysis Run 4/8/2026 12:33 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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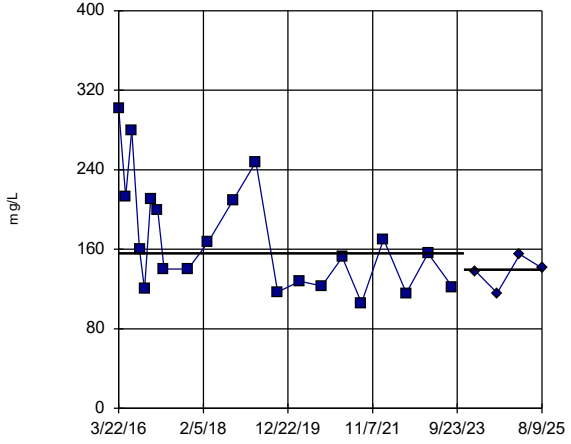
Mann-Whitney (Wilcoxon Rank Sum)

GWA-4 (bg)



GWA-4 background

GWA-4 compliance

background median = 156

compliance median = 139.5

Z = -1.112 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Sulfate Analysis Run 4/8/2026 12:33 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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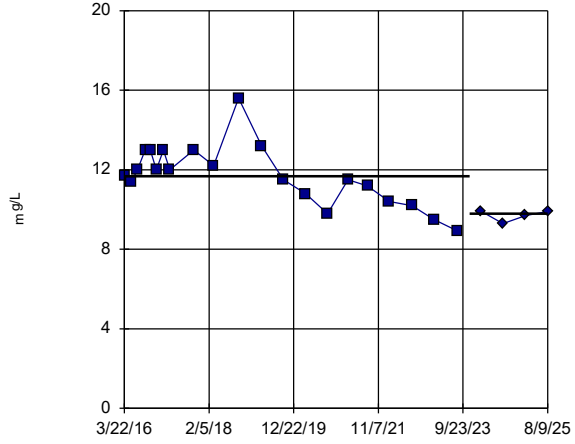
Mann-Whitney (Wilcoxon Rank Sum)

GWA-11 (bg)



GWA-11 background

GWA-11 compliance

background median = 11.68

compliance median = 9.8

Z = -2.491 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: Sulfate Analysis Run 4/8/2026 12:33 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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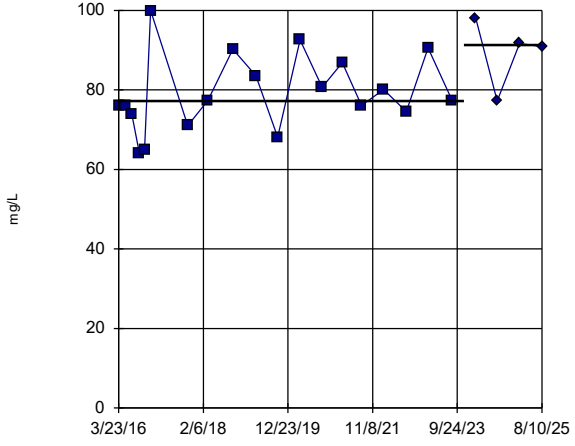
Mann-Whitney (Wilcoxon Rank Sum)

GWC-5



GWC-5 background

GWC-5 compliance

background median = 77.2

compliance median = 91.3

Z = 1.866 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Sulfate Analysis Run 4/8/2026 12:33 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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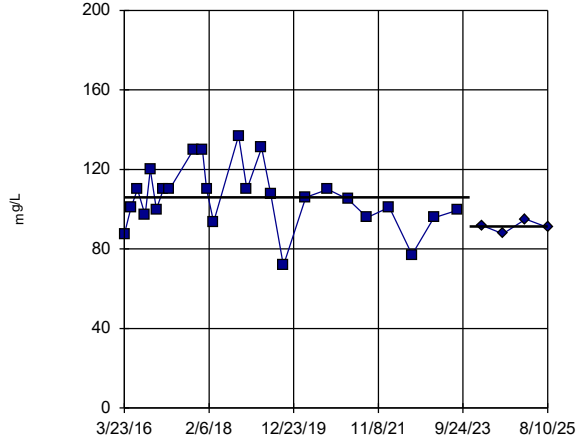
Mann-Whitney (Wilcoxon Rank Sum)

GWC-6



GWC-6 background

GWC-6 compliance

background median = 106

compliance median = 91.4

Z = -2.383 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: Sulfate Analysis Run 4/8/2026 12:33 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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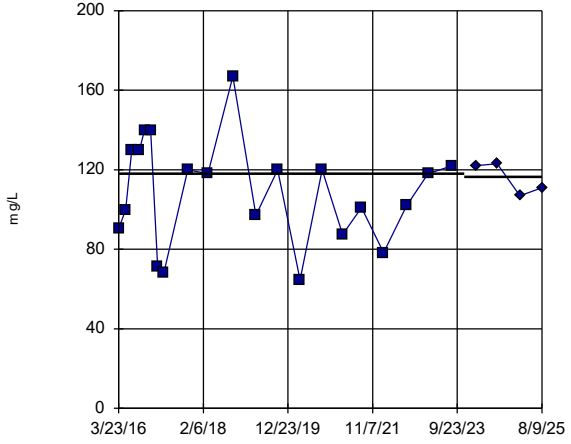
Mann-Whitney (Wilcoxon Rank Sum)

GWC-7



GWC-7 background

GWC-7 compliance

background median = 118

compliance median = 116.5

Z = 0.6682 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Sulfate Analysis Run 4/8/2026 12:33 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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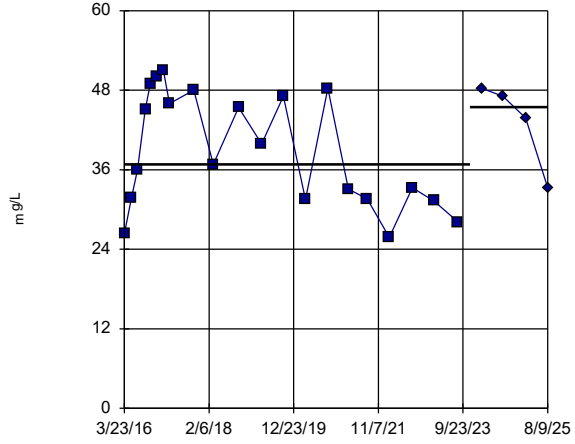
Mann-Whitney (Wilcoxon Rank Sum)

GWC-8



GWC-8 background

GWC-8 compliance

background median = 36.8

compliance median = 45.45

Z = 0.8158 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Sulfate Analysis Run 4/8/2026 12:33 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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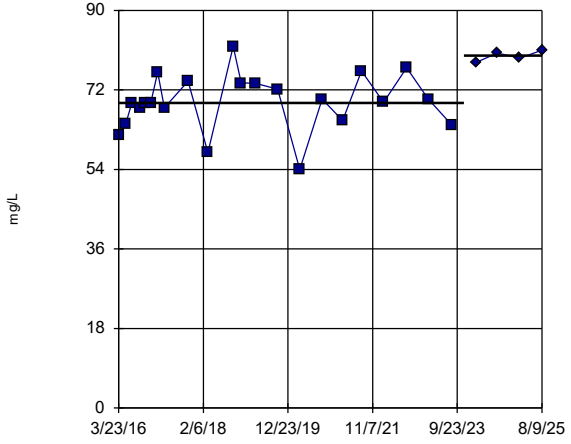
Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



GWC-9 background

GWC-9 compliance

background median = 69.1

compliance median = 79.8

Z = 2.81 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Sulfate Analysis Run 4/8/2026 12:33 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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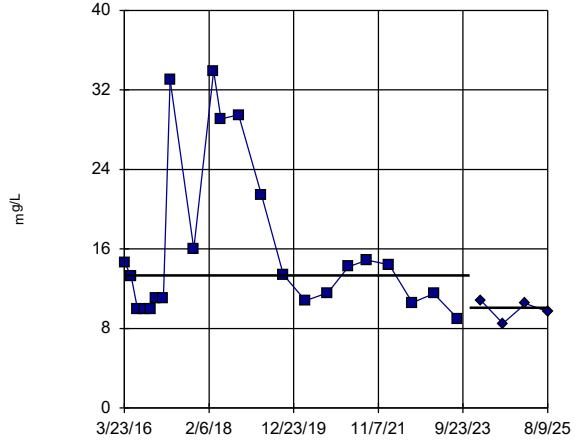
Mann-Whitney (Wilcoxon Rank Sum)

GWC-10



GWC-10 background

GWC-10 compliance

background median = 13.35

compliance median = 10.1

Z = -2.419 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: Sulfate Analysis Run 4/8/2026 12:33 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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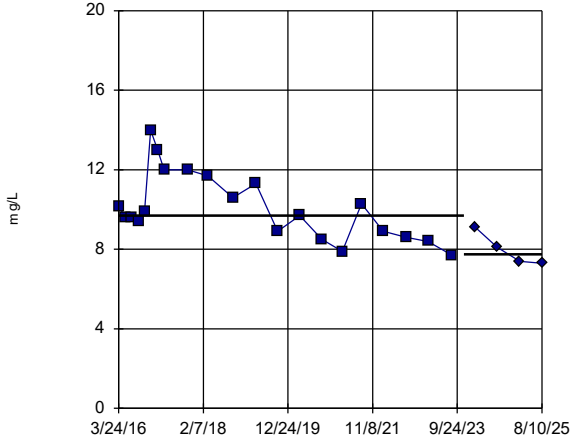
Mann-Whitney (Wilcoxon Rank Sum)

GWC-18



GWC-18 background

GWC-18 compliance

background median = 9.7

compliance median = 7.75

Z = -2.484 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: Sulfate Analysis Run 4/8/2026 12:33 PM View: Mann Whitney
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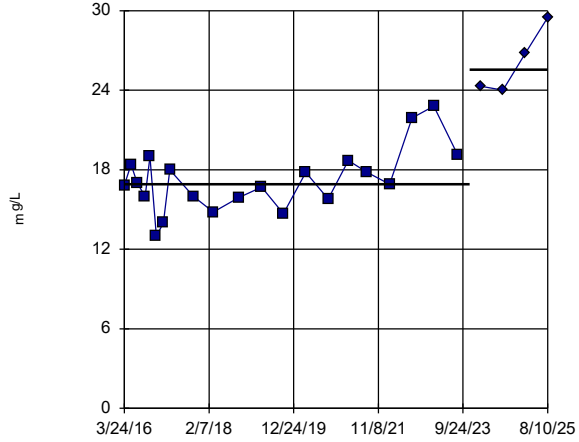
Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



GWC-19 background

GWC-19 compliance

background median = 16.9

compliance median = 25.55

Z = 3.077 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Sulfate Analysis Run 4/8/2026 12:33 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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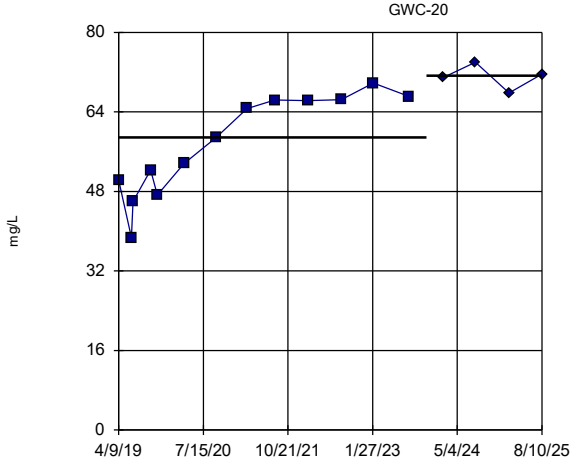
Mann-Whitney (Wilcoxon Rank Sum)

GWC-20



GWC-20 background

GWC-20 compliance

background median = 58.9

compliance median = 71.3

Z = 2.774 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Sulfate Analysis Run 4/8/2026 12:33 PM View: Mann Whitney
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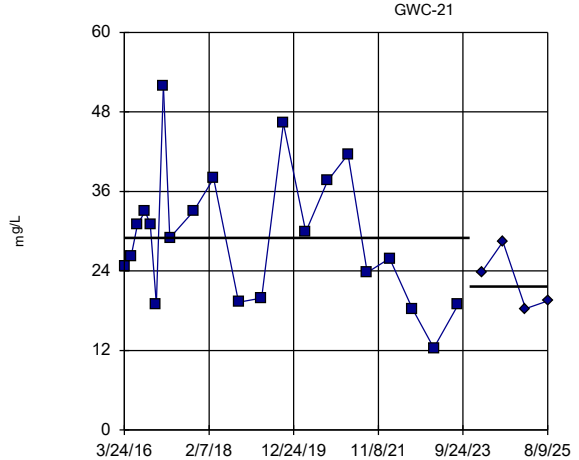
Mann-Whitney (Wilcoxon Rank Sum)

GWC-21



GWC-21 background

GWC-21 compliance

background median = 29

compliance median = 21.65

Z = -1.447 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Sulfate Analysis Run 4/8/2026 12:33 PM View: Mann Whitney
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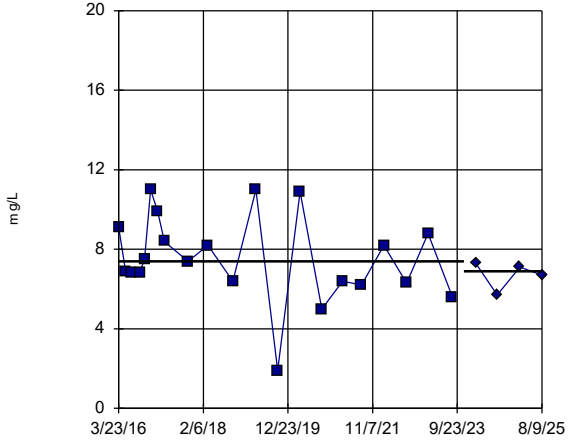
Mann-Whitney (Wilcoxon Rank Sum)

GWC-22



GWC-22 background

GWC-22 compliance

background median = 7.4

compliance median = 6.9

Z = -0.9273 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Sulfate Analysis Run 4/8/2026 12:34 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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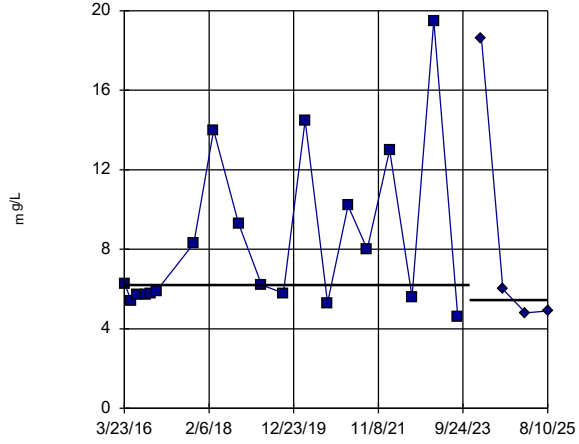
Mann-Whitney (Wilcoxon Rank Sum)

GWC-23



GWC-23 background

GWC-23 compliance

background median = 6.2

compliance median = 5.45

Z = -0.7709 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Sulfate Analysis Run 4/8/2026 12:34 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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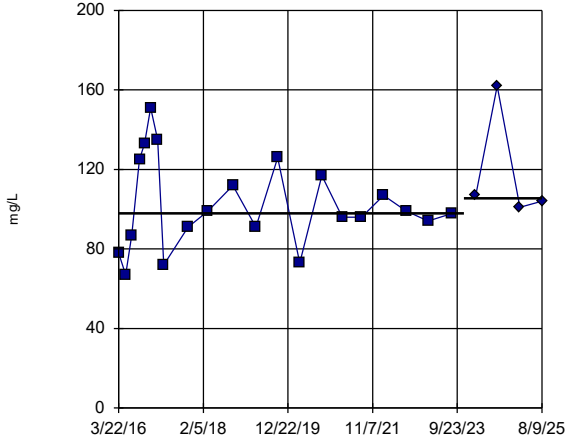
Mann-Whitney (Wilcoxon Rank Sum)

GWA-1 (bg)



GWA-1 background

GWA-1 compliance

background median = 98

compliance median = 105.5

Z = 1.335 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 4/8/2026 12:34 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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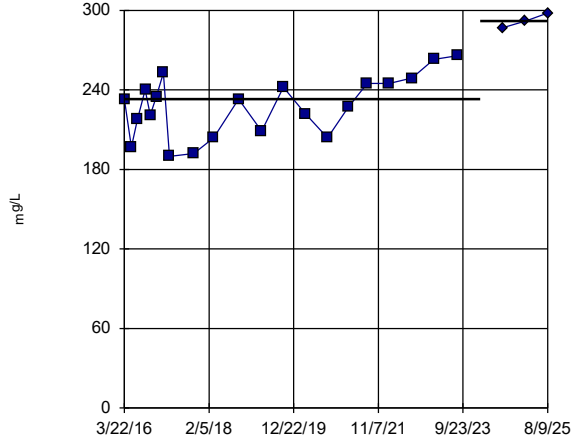
Mann-Whitney (Wilcoxon Rank Sum)

GWA-2 (bg)



GWA-2 background

GWA-2 compliance

background median = 233

compliance median = 292

Z = 2.708 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: TDS Analysis Run 4/8/2026 12:34 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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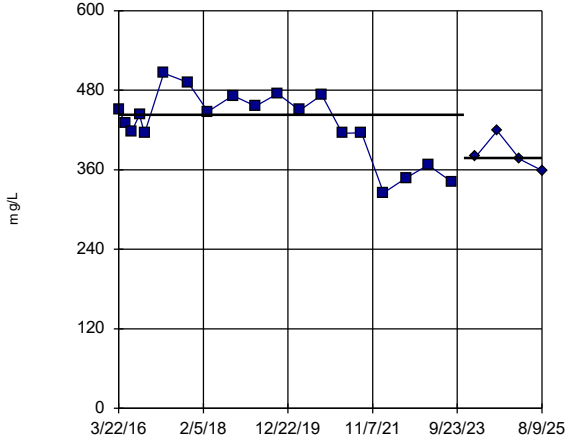
Mann-Whitney (Wilcoxon Rank Sum)

GWA-3 (bg)



GWA-3 background

GWA-3 compliance

background median = 443

compliance median = 378

Z = -1.582 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 4/8/2026 12:34 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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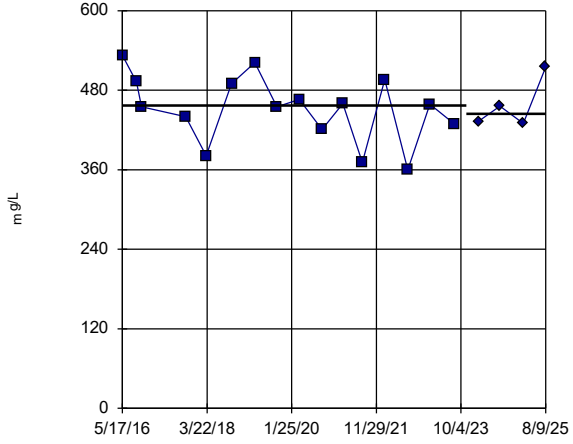
Mann-Whitney (Wilcoxon Rank Sum)

GWA-4 (bg)



GWA-4 background

GWA-4 compliance

background median = 457

compliance median = 444.5

Z = -0.04726 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No

Constituent: TDS Analysis Run 4/8/2026 12:34 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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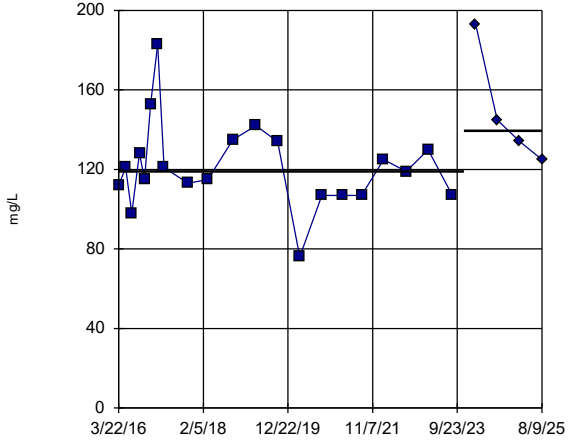
Mann-Whitney (Wilcoxon Rank Sum)

GWA-11 (bg)



GWA-11 background

GWA-11 compliance

background median = 119

compliance median = 139.5

Z = 2.044 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 4/8/2026 12:34 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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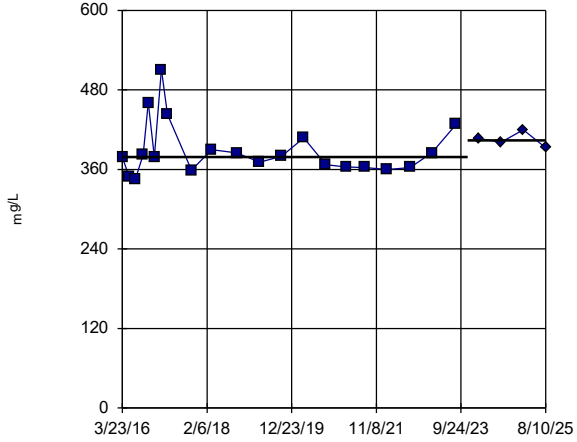
Mann-Whitney (Wilcoxon Rank Sum)

GWC-5



GWC-5 background

GWC-5 compliance

background median = 379

compliance median = 404

Z = 1.669 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 4/8/2026 12:34 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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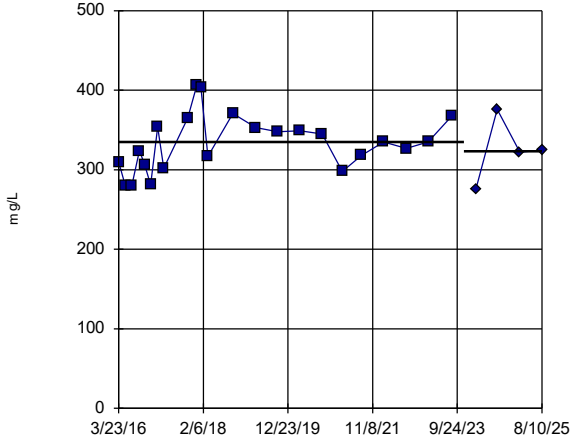
Mann-Whitney (Wilcoxon Rank Sum)

GWC-6



GWC-6 background

GWC-6 compliance

background median = 335

compliance median = 323.5

Z = -0.4438 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 4/8/2026 12:34 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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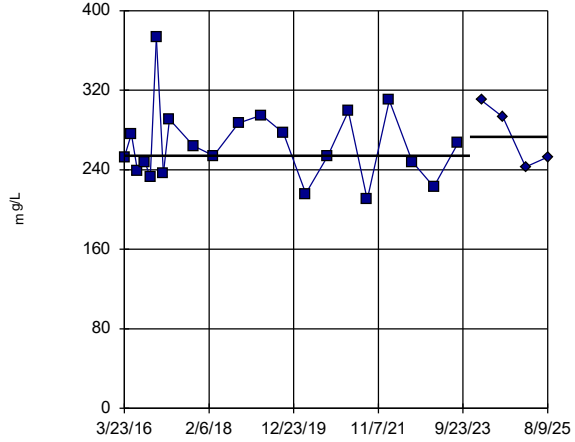
Mann-Whitney (Wilcoxon Rank Sum)

GWC-7



GWC-7 background

GWC-7 compliance

background median = 254

compliance median = 273

Z = 0.6304 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 4/8/2026 12:34 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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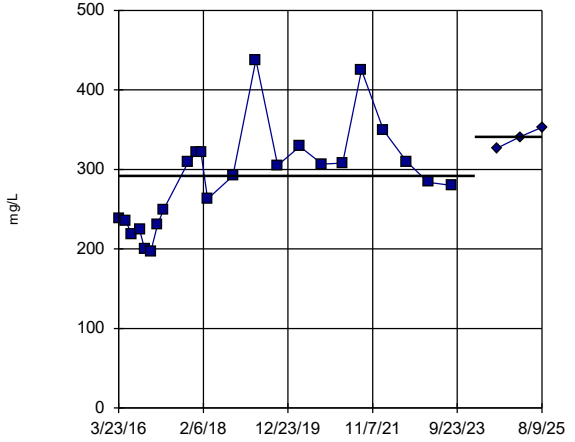
Mann-Whitney (Wilcoxon Rank Sum)

GWC-8



GWC-8 background

GWC-8 compliance

background median = 292

compliance median = 341

Z = 2.007 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 4/8/2026 12:34 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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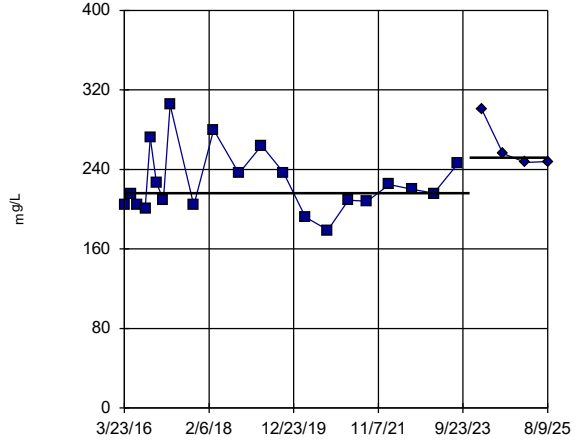
Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



GWC-9 background

GWC-9 compliance

background median = 216

compliance median = 252

Z = 2.115 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 4/8/2026 12:34 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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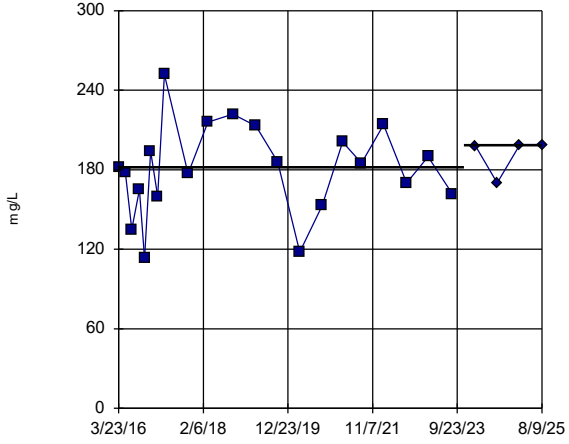
Mann-Whitney (Wilcoxon Rank Sum)

GWC-10



GWC-10 background

GWC-10 compliance

background median = 182

compliance median = 198.5

Z = 0.7415 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 4/8/2026 12:34 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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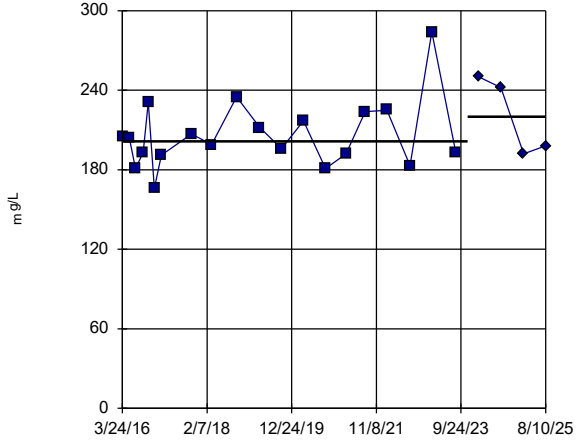
Mann-Whitney (Wilcoxon Rank Sum)

GWC-18



GWC-18 background

GWC-18 compliance

background median = 201.5

compliance median = 220

Z = 0.9301 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 4/8/2026 12:34 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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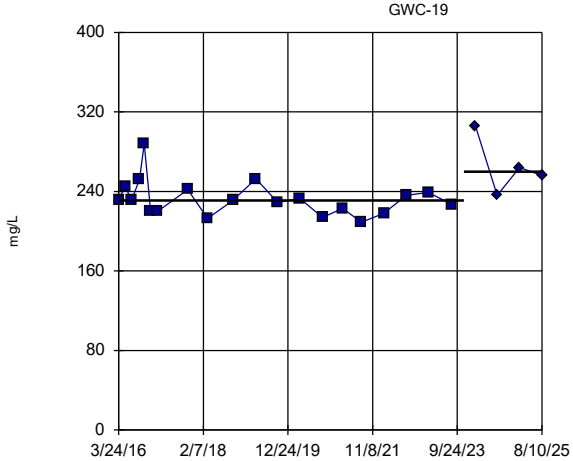
Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



GWC-19 background

GWC-19 compliance

background median = 231

compliance median = 260

Z = 2.403 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: TDS Analysis Run 4/8/2026 12:34 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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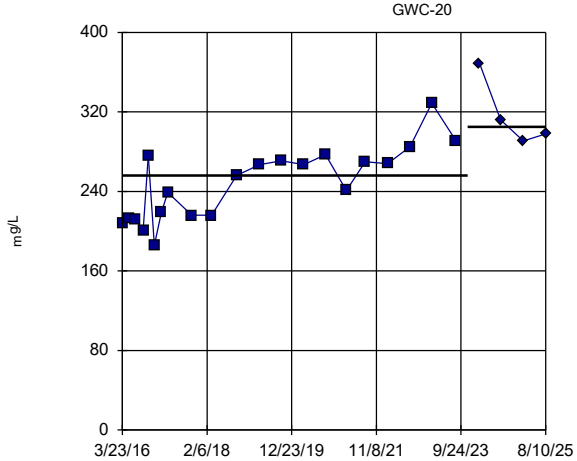
Mann-Whitney (Wilcoxon Rank Sum)

GWC-20



GWC-20 background

GWC-20 compliance

background median = 256

compliance median = 305

Z = 2.818 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: TDS Analysis Run 4/8/2026 12:34 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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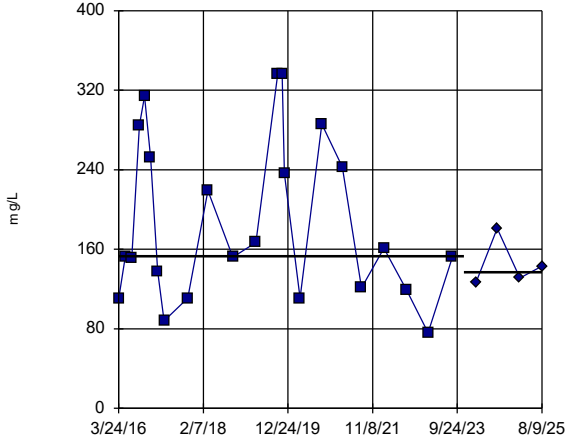
Mann-Whitney (Wilcoxon Rank Sum)

GWC-21



GWC-21 background

GWC-21 compliance

background median = 153

compliance median = 137

Z = -0.717 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 4/8/2026 12:34 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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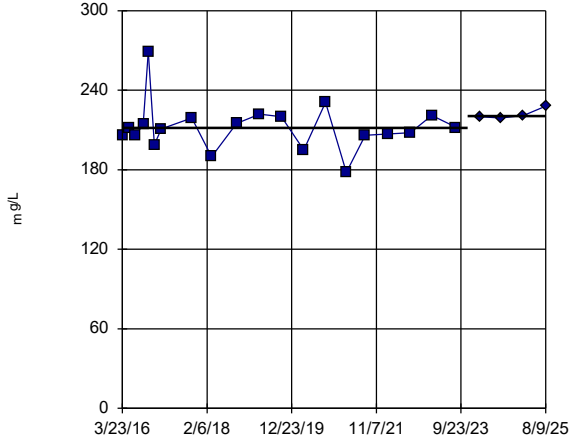
Mann-Whitney (Wilcoxon Rank Sum)

GWC-22



GWC-22 background

GWC-22 compliance

background median = 211.5

compliance median = 220.5

Z = 1.862 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 4/8/2026 12:34 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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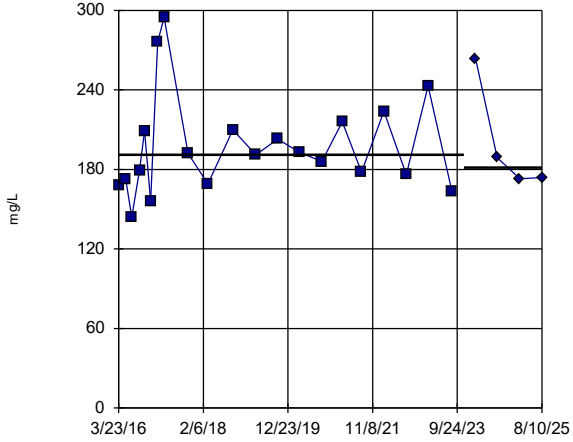
Mann-Whitney (Wilcoxon Rank Sum)

GWC-23



GWC-23 background

GWC-23 compliance

background median = 191

compliance median = 181.5

Z = -0.1483 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 4/8/2026 12:34 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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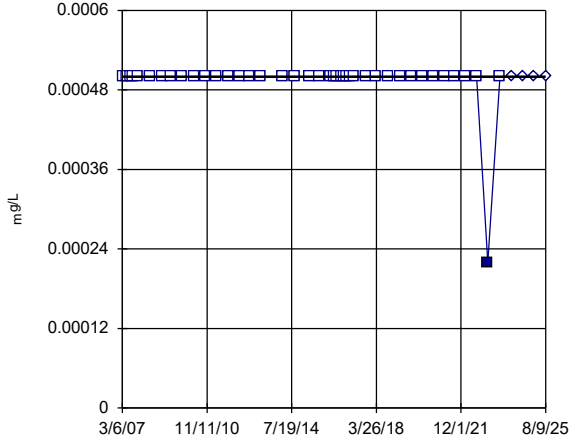
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-1 (bg)



GWA-1 background

GWA-1 compliance

background median = 0.0005

compliance median = 0.0005

Z = 0.2343 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Thallium Analysis Run 4/8/2026 12:34 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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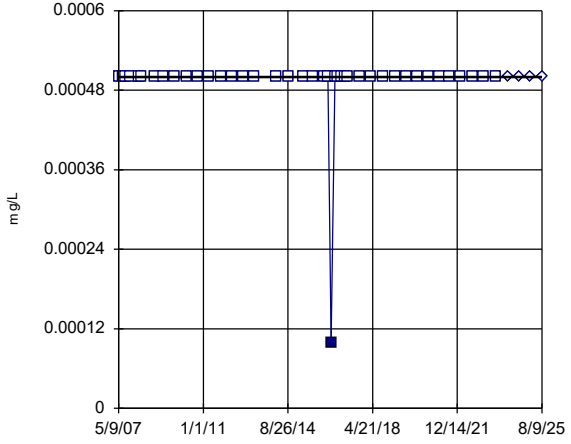
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-7



GWC-7 background

GWC-7 compliance

background median = 0.0005

compliance median = 0.0005

Z = 0.2343 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Thallium Analysis Run 4/8/2026 12:34 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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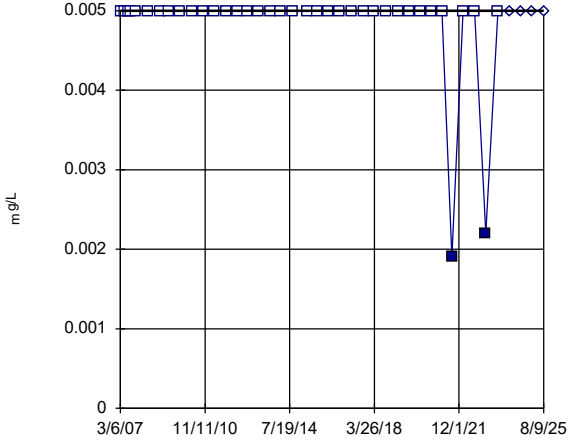
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-1 (bg)



GWA-1 background

GWA-1 compliance

background median = 0.005

compliance median = 0.005

Z = 0.4119 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 4/8/2026 12:34 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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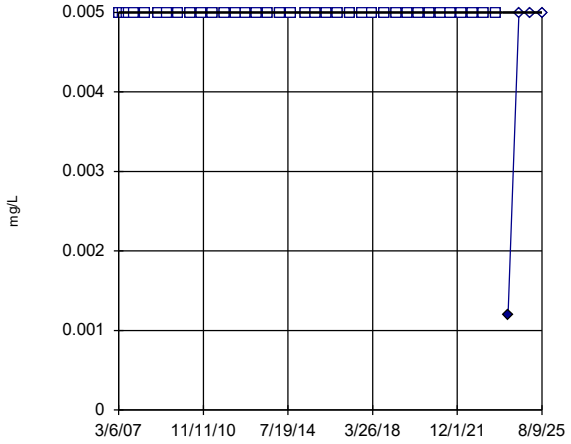
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-4 (bg)



GWA-4 background

GWA-4 compliance

background median = 0.005

compliance median = 0.005

Z = -3.124 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Vanadium Analysis Run 4/8/2026 12:34 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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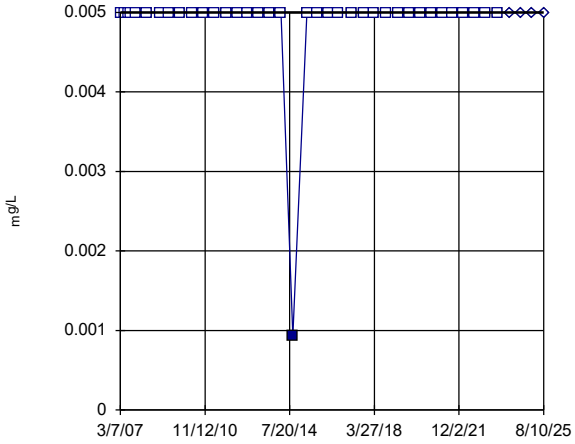
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-5



GWC-5 background

GWC-5 compliance

background median = 0.005

compliance median = 0.005

Z = 0.2466 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 4/8/2026 12:35 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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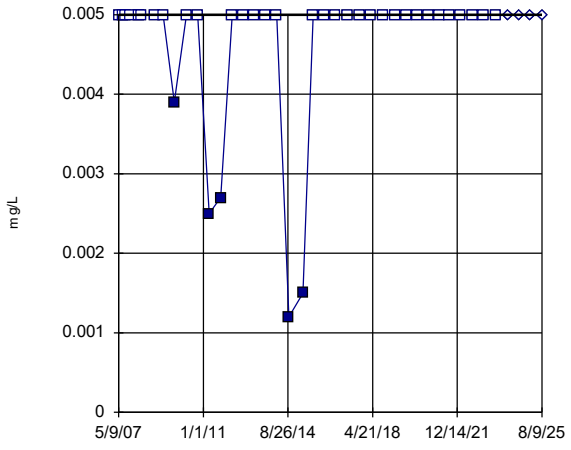
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-7



GWC-7 background

GWC-7 compliance

background median = 0.005

compliance median = 0.005

Z = 0.7342 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 4/8/2026 12:35 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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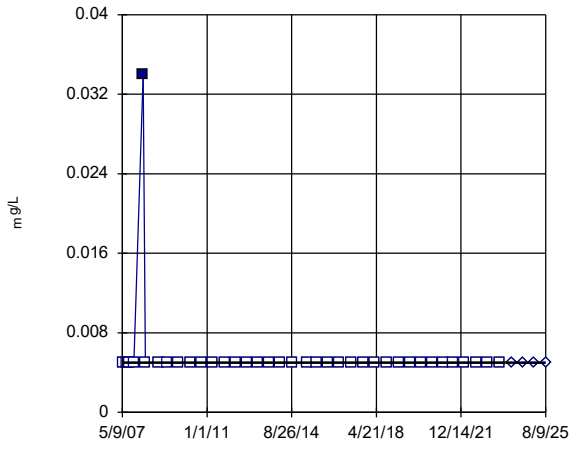
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-8



GWC-8 background

GWC-8 compliance

background median = 0.005

compliance median = 0.005

Z = -0.411 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 4/8/2026 12:35 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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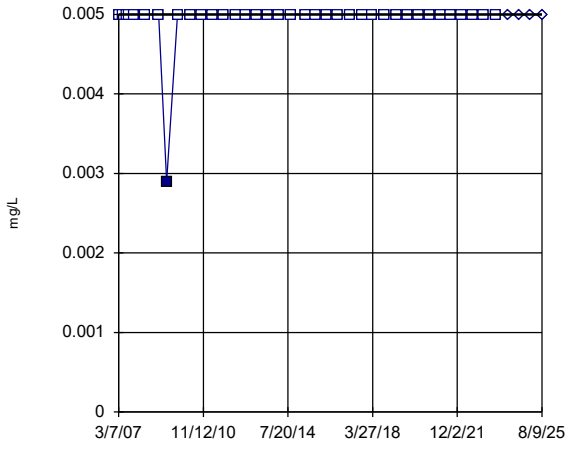
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



GWC-9 background

GWC-9 compliance

background median = 0.005

compliance median = 0.005

Z = 0.2466 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 4/8/2026 12:35 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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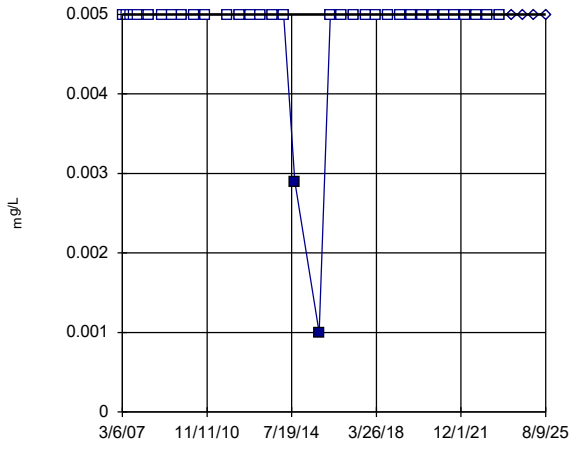
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-21



GWC-21 background

GWC-21 compliance

background median = 0.005

compliance median = 0.005

Z = 0.4177 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 4/8/2026 12:35 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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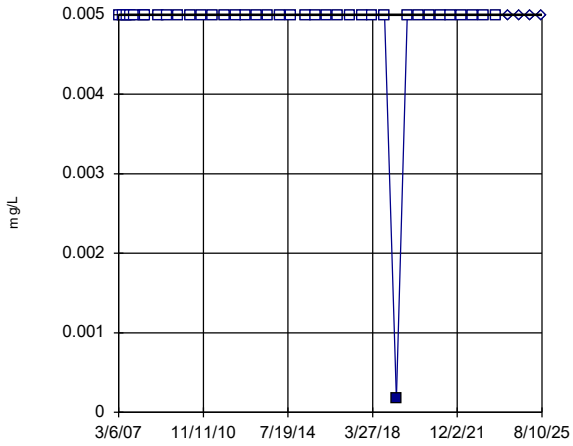
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-23



GWC-23 background

GWC-23 compliance

background median = 0.005

compliance median = 0.005

Z = 0.2433 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 4/8/2026 12:35 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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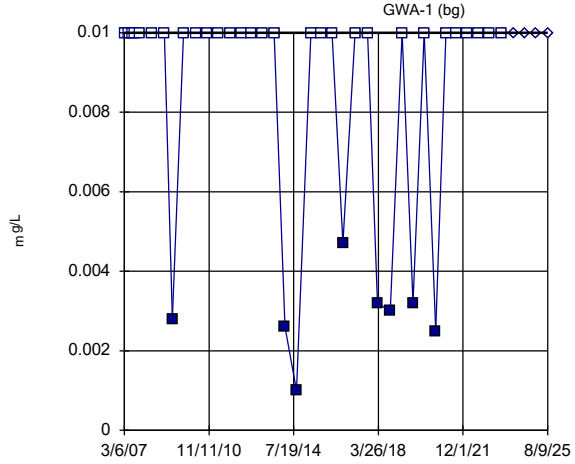
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-1 (bg)



GWA-1 background

GWA-1 compliance

background median = 0.01

compliance median = 0.01

Z = 0.9844 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 4/8/2026 12:35 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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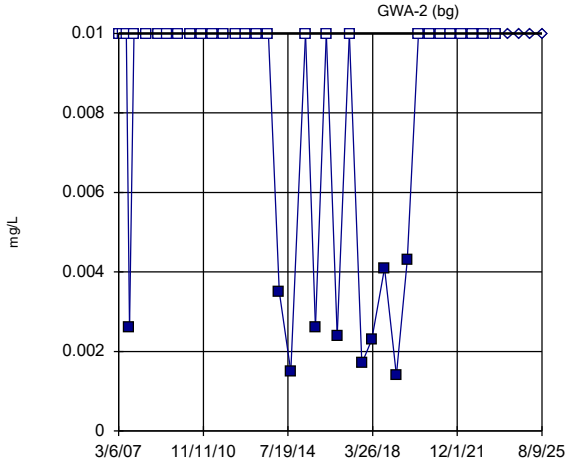
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-2 (bg)



GWA-2 background

GWA-2 compliance

background median = 0.01

compliance median = 0.01

Z = 1.137 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 4/8/2026 12:35 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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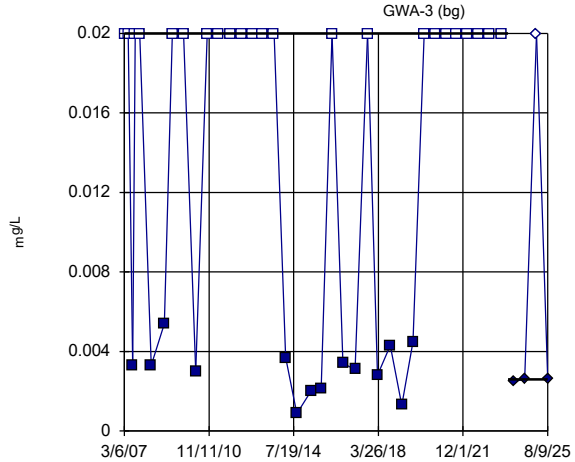
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-3 (bg)



GWA-3 background

GWA-3 compliance

background median = 0.02

compliance median = 0.0026

Z = -1.818 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 4/8/2026 12:35 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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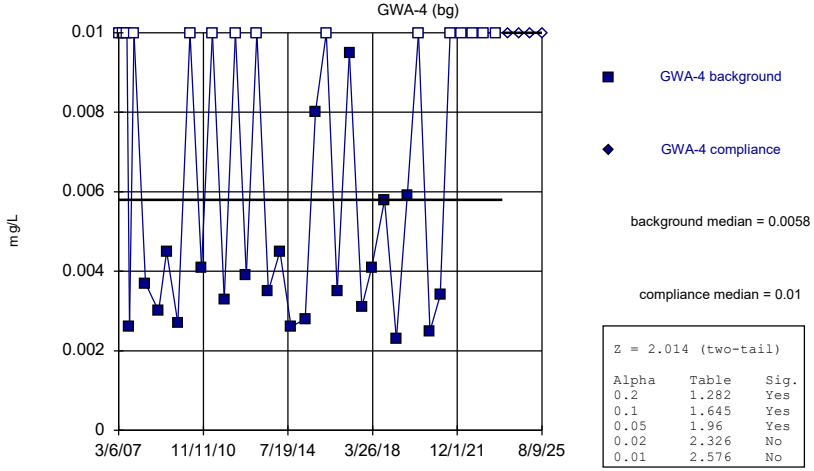
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-4 (bg)



Z = 2.014 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 4/8/2026 12:35 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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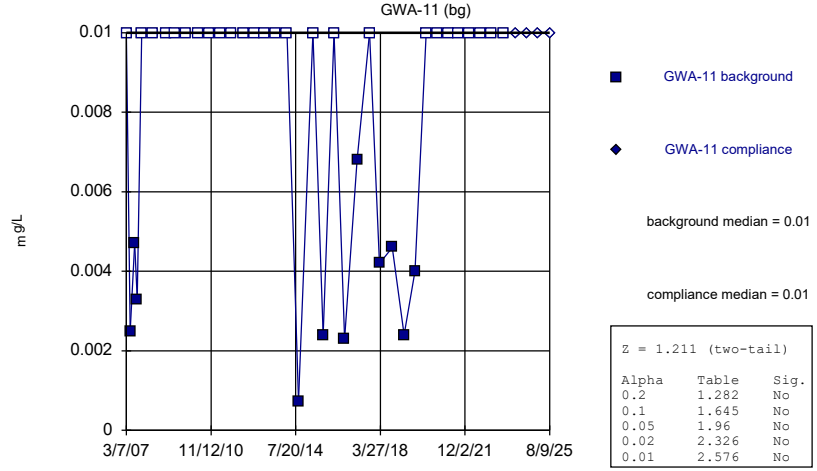
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-11 (bg)



Z = 1.211 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 4/8/2026 12:35 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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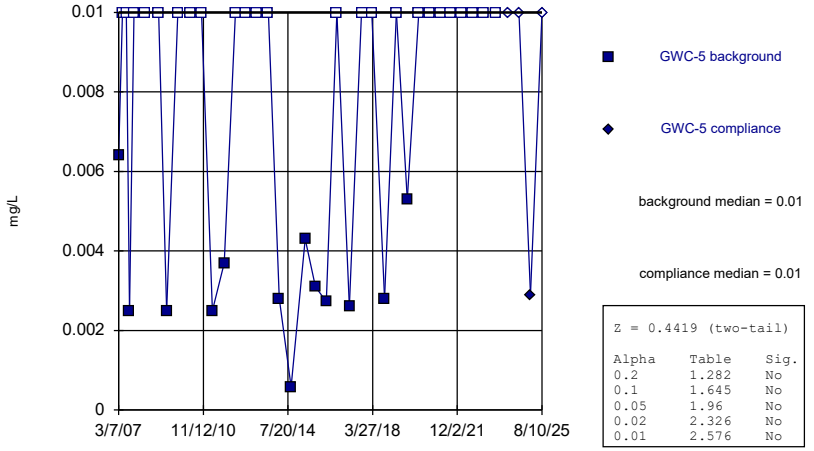
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-5



Z = 0.4419 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 4/8/2026 12:35 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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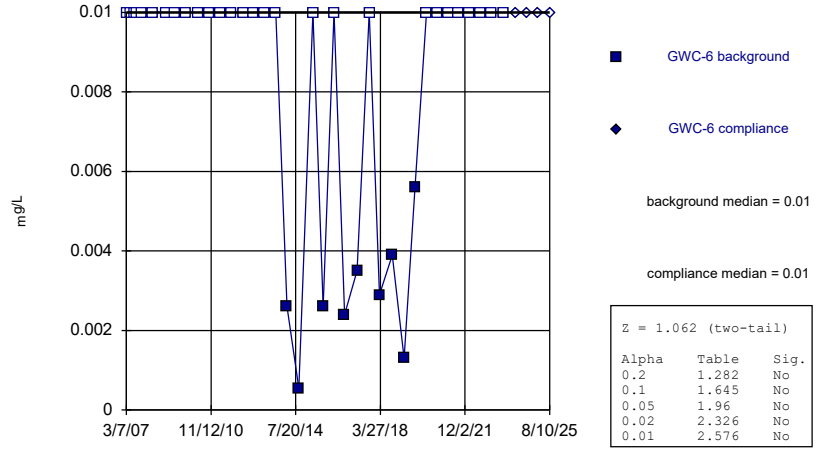
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-6



Z = 1.062 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 4/8/2026 12:35 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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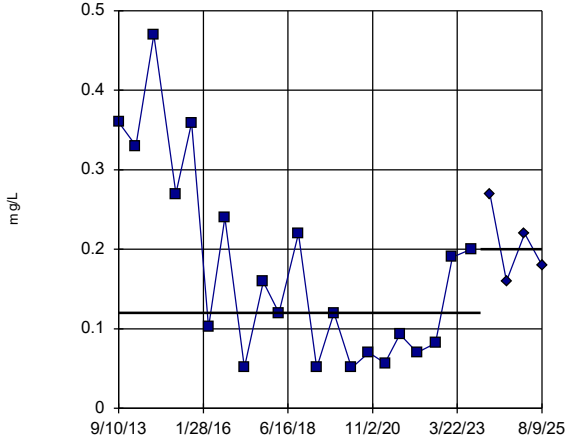
Mann-Whitney (Wilcoxon Rank Sum)

GWC-7



GWC-7 background

GWC-7 compliance

background median = 0.12

compliance median = 0.2

Z = 0.9275 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 4/8/2026 12:35 PM View: Mann Whitney

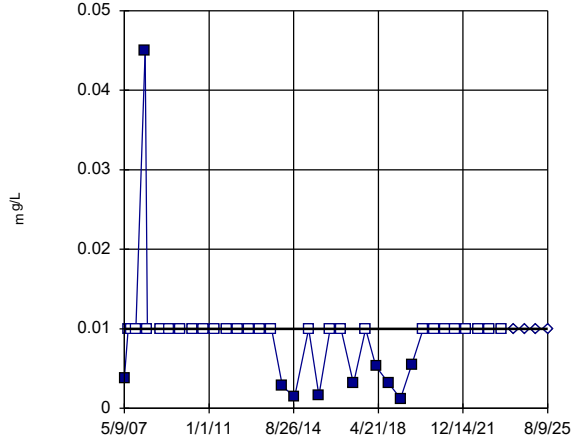
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-8



GWC-8 background

GWC-8 compliance

background median = 0.01

compliance median = 0.01

Z = 0.9037 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 4/8/2026 12:35 PM View: Mann Whitney

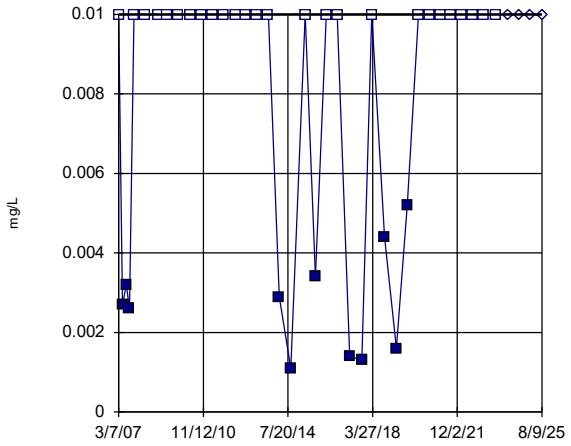
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



GWC-9 background

GWC-9 compliance

background median = 0.01

compliance median = 0.01

Z = 1.211 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 4/8/2026 12:35 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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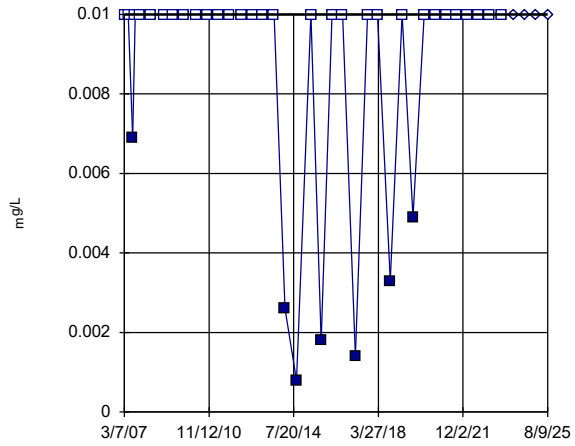
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-10



GWC-10 background

GWC-10 compliance

background median = 0.01

compliance median = 0.01

Z = 0.9047 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 4/8/2026 12:35 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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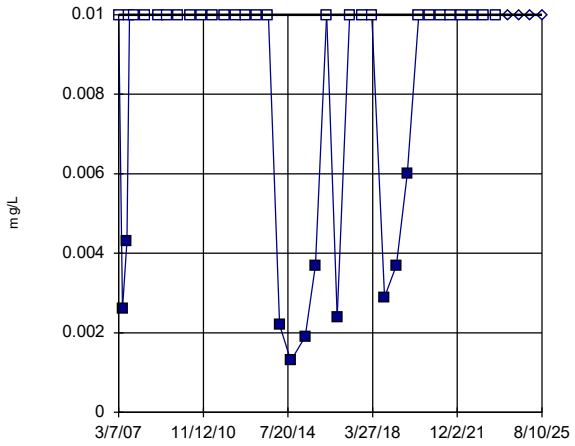
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-18



GWC-18 background

GWC-18 compliance

background median = 0.01

compliance median = 0.01

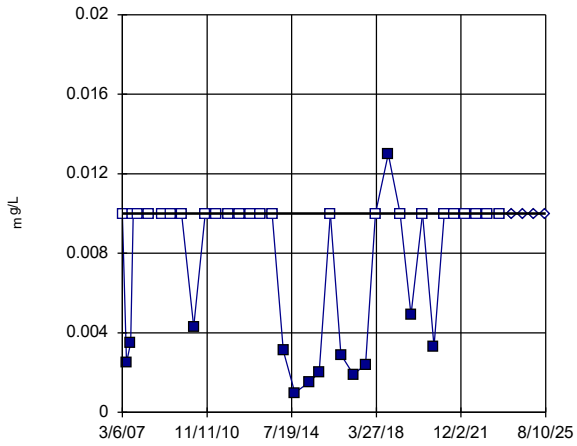
```
Z = 1.137 (two-tail)

Alpha     Table     Sig.
0.2       1.282     No
0.1       1.645     No
0.05      1.96      No
0.02      2.326     No
0.01      2.576     No
```

Constituent: Zinc Analysis Run 4/8/2026 12:35 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



GWC-19 background

GWC-19 compliance

background median = 0.01

compliance median = 0.01

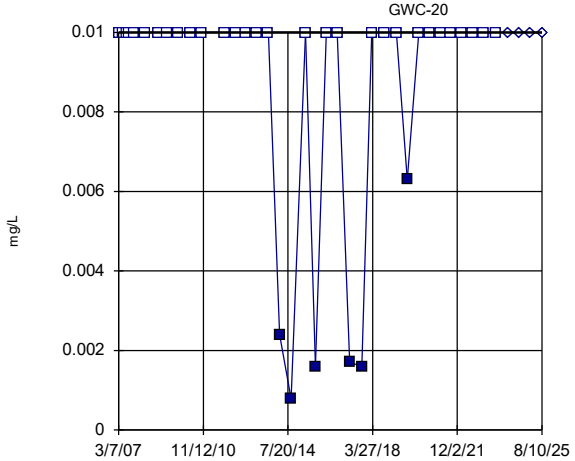
```
Z = 1.144 (two-tail)

Alpha     Table     Sig.
0.2       1.282     No
0.1       1.645     No
0.05      1.96      No
0.02      2.326     No
0.01      2.576     No
```

Constituent: Zinc Analysis Run 4/8/2026 12:35 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-20



GWC-20 background

GWC-20 compliance

background median = 0.01

compliance median = 0.01

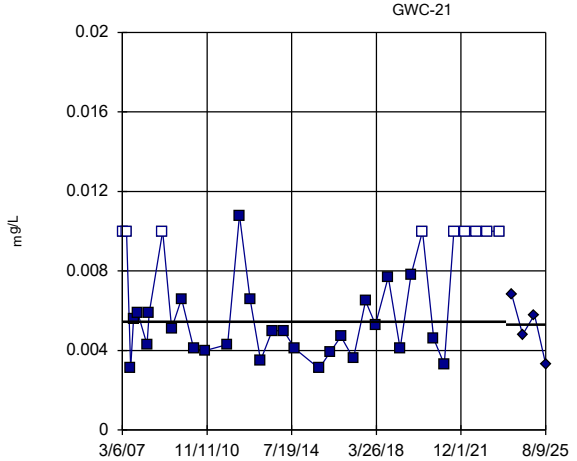
```
Z = 0.8346 (two-tail)

Alpha     Table     Sig.
0.2       1.282     No
0.1       1.645     No
0.05      1.96      No
0.02      2.326     No
0.01      2.576     No
```

Constituent: Zinc Analysis Run 4/8/2026 12:35 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-21



GWC-21 background

GWC-21 compliance

background median = 0.00545

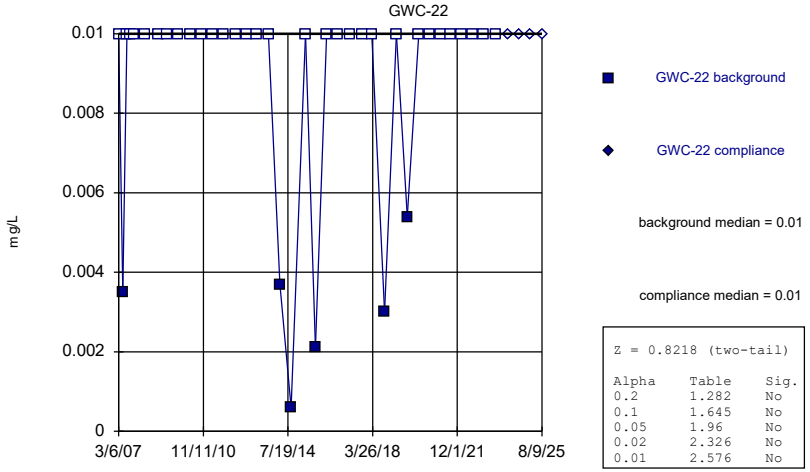
compliance median = 0.0053

```
Z = -0.5897 (two-tail)

Alpha     Table     Sig.
0.2       1.282     No
0.1       1.645     No
0.05      1.96      No
0.02      2.326     No
0.01      2.576     No
```

Constituent: Zinc Analysis Run 4/8/2026 12:35 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)



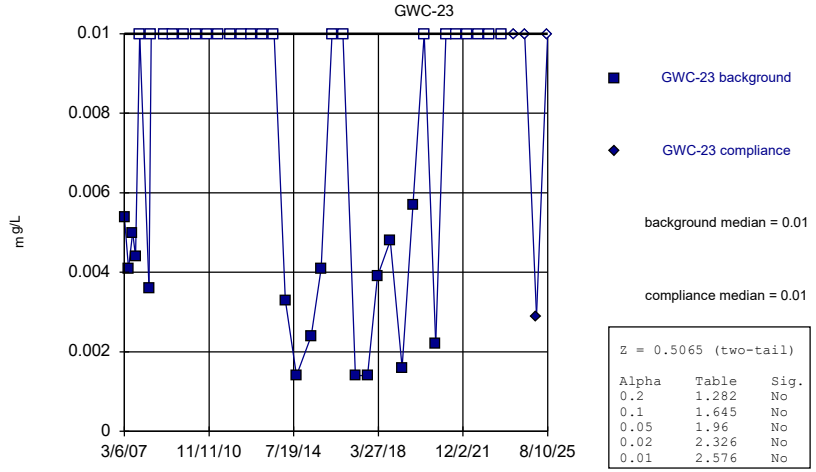
Z = 0.8218 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 4/8/2026 12:35 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)



Z = 0.5065 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 4/8/2026 12:35 PM View: Mann Whitney
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 4/8/2026 12:39 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1	GWA-1
3/6/2007	<0.002	
5/8/2007	<0.002	
7/7/2007	<0.002	
8/28/2007	<0.002	
11/6/2007	<0.002	
5/9/2008	<0.002	
12/3/2008	<0.002	
4/7/2009	<0.002	
10/1/2009	<0.002	
4/14/2010	<0.002	
10/13/2010	<0.002	
4/6/2011	<0.002	
10/10/2011	<0.002	
4/3/2012	<0.002	
9/24/2012	<0.002	
3/12/2013	<0.002	
9/11/2013	<0.002	
3/4/2014	<0.002	
9/3/2014	<0.002	
4/21/2015	<0.002	
9/30/2015	<0.002	
3/22/2016	<0.002	
5/17/2016	<0.002	
7/5/2016	<0.002	
9/7/2016	<0.002	
10/18/2016	<0.002	
12/6/2016	<0.002	
1/31/2017	<0.002	
3/23/2017	<0.002	
10/4/2017	<0.002	
3/14/2018	<0.002	
10/4/2018	<0.002	
4/8/2019	<0.002	
9/30/2019	<0.002	
3/26/2020	0.00028 (J)	
9/23/2020	<0.002	
3/8/2021	<0.002	
8/9/2021	<0.002	
2/4/2022	<0.002	
8/8/2022	0.00084 (J)	
1/30/2023	<0.002	
8/14/2023	0.0028 (J)	
2/19/2024		<0.002
8/11/2024		<0.002
2/11/2025		<0.002
8/9/2025		<0.002

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 4/8/2026 12:39 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-2	GWA-2
3/6/2007	<0.002	
5/8/2007	<0.002	
7/7/2007	<0.002	
8/28/2007	<0.002	
11/6/2007	<0.002	
5/9/2008	<0.002	
12/3/2008	<0.002	
4/7/2009	<0.002	
10/1/2009	<0.002	
4/13/2010	<0.002	
10/7/2010	<0.002	
4/6/2011	<0.002	
10/6/2011	<0.002	
4/3/2012	<0.002	
9/19/2012	<0.002	
3/12/2013	<0.002	
9/9/2013	<0.002	
3/4/2014	<0.002	
9/3/2014	<0.002	
4/22/2015	<0.002	
9/30/2015	<0.002	
3/22/2016	<0.002	
5/17/2016	<0.002	
7/5/2016	<0.002	
9/7/2016	0.0021 (J)	
10/18/2016	<0.002	
12/7/2016	<0.002	
1/31/2017	<0.002	
3/23/2017	<0.002	
10/4/2017	<0.002	
3/14/2018	<0.002	
10/4/2018	<0.002	
4/8/2019	<0.002	
9/30/2019	<0.002	
3/26/2020	0.00049 (J)	
9/21/2020	<0.002	
3/9/2021	<0.002	
8/9/2021	0.0023 (J)	
2/4/2022	<0.002	
8/8/2022	<0.002	
1/30/2023	<0.002	
8/14/2023	<0.002	
2/19/2024		<0.002
8/10/2024		<0.002
2/11/2025		<0.002
8/9/2025		<0.002

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 4/8/2026 12:39 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-3	GWA-3
3/6/2007	<0.002	
5/8/2007	<0.002	
7/17/2007	<0.002	
8/28/2007	<0.002	
11/6/2007	<0.002	
5/8/2008	<0.002	
12/3/2008	<0.002	
4/7/2009	<0.002	
10/2/2009	<0.002	
4/14/2010	<0.002	
10/14/2010	<0.002	
4/5/2011	<0.002	
10/12/2011	<0.002	
4/4/2012	<0.002	
9/26/2012	<0.002	
3/12/2013	<0.002	
9/10/2013	<0.002	
3/11/2014	<0.002	
9/8/2014	<0.002	
4/21/2015	<0.002	
9/29/2015	<0.002	
3/22/2016	<0.002	
5/17/2016	<0.002	
7/5/2016	<0.002	
9/7/2016	0.0009 (J)	
10/18/2016	<0.002	
12/6/2016	<0.002	
2/1/2017	<0.002	
3/23/2017	<0.002	
10/4/2017	<0.002	
3/15/2018	<0.002	
10/4/2018	<0.002	
4/5/2019	<0.002	
9/30/2019	<0.002	
3/26/2020	<0.002	
9/23/2020	<0.002	
3/8/2021	<0.002	
8/9/2021	<0.002	
2/4/2022	<0.002	
8/8/2022	<0.002	
1/30/2023	<0.002	
8/14/2023	<0.002	
2/19/2024		<0.002
8/11/2024		<0.002
2/11/2025		<0.002
8/9/2025		<0.002

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 4/8/2026 12:39 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-4	GWA-4
3/6/2007	<0.002	
5/8/2007	<0.002	
7/17/2007	<0.002	
8/28/2007	<0.002	
11/6/2007	<0.002	
5/8/2008	<0.002	
12/3/2008	<0.002	
4/7/2009	<0.002	
10/2/2009	<0.002	
4/14/2010	<0.002	
10/14/2010	<0.002	
4/5/2011	<0.002	
10/12/2011	<0.002	
4/4/2012	<0.002	
9/24/2012	<0.002	
3/12/2013	<0.002	
9/10/2013	<0.002	
3/11/2014	<0.002	
9/8/2014	<0.002	
4/21/2015	<0.002	
9/29/2015	<0.002	
3/22/2016	<0.002	
5/17/2016	<0.002	
7/6/2016	0.0003 (J)	
9/7/2016	<0.002	
10/18/2016	<0.002	
12/6/2016	<0.002	
2/1/2017	<0.002	
3/24/2017	<0.002	
10/4/2017	<0.002	
3/15/2018	<0.002	
10/4/2018	<0.002	
4/8/2019	<0.002	
9/30/2019	<0.002	
3/26/2020	<0.002	
9/23/2020	<0.002	
3/8/2021	0.0016 (J)	
8/9/2021	<0.002	
2/4/2022	<0.002	
8/8/2022	<0.002	
1/30/2023	<0.002	
8/14/2023	<0.002	
2/19/2024		<0.002
8/11/2024		<0.002
2/11/2025		<0.002
8/9/2025		<0.002

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 4/8/2026 12:39 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-11	GWA-11
3/7/2007	<0.002	
5/8/2007	<0.002	
7/17/2007	<0.002	
8/28/2007	<0.002	
11/7/2007	<0.002	
5/9/2008	<0.002	
12/2/2008	<0.002	
4/8/2009	<0.002	
10/1/2009	<0.002	
4/14/2010	<0.002	
10/13/2010	<0.002	
4/6/2011	<0.002	
10/4/2011	<0.002	
4/10/2012	<0.002	
9/26/2012	<0.002	
3/12/2013	<0.002	
9/10/2013	<0.002	
3/4/2014	<0.002	
9/3/2014	<0.002	
4/21/2015	<0.002	
9/29/2015	<0.002	
3/22/2016	<0.002	
5/17/2016	<0.002	
7/6/2016	0.0003 (J)	
9/7/2016	<0.002	
10/18/2016	<0.002	
12/6/2016	<0.002	
2/1/2017	<0.002	
3/24/2017	<0.002	
10/5/2017	<0.002	
3/15/2018	<0.002	
10/4/2018	<0.002	
4/8/2019	<0.002	
9/30/2019	<0.002	
3/26/2020	<0.002	
9/22/2020	<0.002	
3/8/2021	0.0005 (J)	
8/10/2021	<0.002	
2/4/2022	<0.002	
8/8/2022	<0.002	
1/30/2023	<0.002	
8/14/2023	<0.002	
2/19/2024		<0.002
8/11/2024		<0.002
2/11/2025		<0.002
8/9/2025		<0.002

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 4/8/2026 12:39 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-5	GWC-5
3/7/2007	<0.002	
5/8/2007	<0.002	
7/6/2007	<0.002	
8/28/2007	<0.002	
11/6/2007	<0.002	
5/8/2008	<0.002	
12/3/2008	<0.002	
4/7/2009	<0.002	
10/1/2009	<0.002	
4/14/2010	<0.002	
10/14/2010	<0.002	
4/5/2011	<0.002	
10/12/2011	<0.002	
4/4/2012	<0.002	
9/24/2012	<0.002	
3/12/2013	<0.002	
9/10/2013	<0.002	
3/5/2014	<0.002	
9/9/2014	<0.002	
4/21/2015	<0.002	
9/29/2015	<0.002	
3/23/2016	<0.002	
5/17/2016	<0.002	
7/6/2016	0.0004 (J)	
9/7/2016	<0.002	
10/18/2016	<0.002	
12/8/2016	<0.002	
2/1/2017	<0.002	
3/23/2017	<0.002	
10/4/2017	<0.002	
3/16/2018	<0.002	
10/4/2018	<0.002	
4/9/2019	<0.002	
10/1/2019	<0.002	
3/31/2020	<0.002	
9/25/2020	0.00052 (J)	
3/9/2021	<0.002	
8/10/2021	<0.002	
2/4/2022	<0.002	
8/9/2022	<0.002	
1/31/2023	<0.002	
8/15/2023	<0.002	
2/20/2024		<0.002
8/12/2024		<0.002
2/11/2025		<0.002
8/10/2025		<0.002

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 4/8/2026 12:39 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-6	GWC-6
3/7/2007	<0.002	
5/9/2007	<0.002	
7/17/2007	<0.002	
8/28/2007	<0.002	
11/6/2007	<0.002	
5/8/2008	<0.002	
12/3/2008	<0.002	
4/7/2009	<0.002	
10/1/2009	<0.002	
4/13/2010	<0.002	
10/6/2010	<0.002	
4/5/2011	<0.002	
10/4/2011	<0.002	
4/3/2012	<0.002	
9/18/2012	<0.002	
3/12/2013	<0.002	
9/9/2013	<0.002	
3/5/2014	<0.002	
9/8/2014	<0.002	
4/22/2015	<0.002	
9/29/2015	<0.002	
3/23/2016	<0.002	
5/17/2016	<0.002	
7/6/2016	0.0005 (J)	
9/7/2016	<0.002	
10/18/2016	<0.002	
12/8/2016	<0.002	
2/1/2017	<0.002	
3/23/2017	<0.002	
10/4/2017	<0.002	
3/16/2018	<0.002	
10/4/2018	<0.002	
4/8/2019	<0.002	
10/1/2019	<0.002	
3/31/2020	<0.002	
9/25/2020	<0.002	
3/9/2021	<0.002	
8/10/2021	<0.002	
2/4/2022	<0.002	
8/8/2022	<0.002	
1/31/2023	<0.002	
8/14/2023	<0.002	
2/21/2024		<0.002
8/12/2024		<0.002
2/12/2025		<0.002
8/10/2025		<0.002

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 4/8/2026 12:39 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-7	GWC-7
5/9/2007	<0.002	
7/6/2007	<0.002	
8/28/2007	<0.002	
11/6/2007	<0.002	
3/31/2008	<0.002	
5/8/2008	<0.002	
12/2/2008	<0.002	
4/8/2009	<0.002	
10/1/2009	<0.002	
4/13/2010	<0.002	
10/7/2010	<0.002	
4/5/2011	<0.002	
10/4/2011	<0.002	
4/3/2012	<0.002	
9/18/2012	<0.002	
3/12/2013	<0.002	
9/10/2013	<0.002	
3/5/2014	<0.002	
9/8/2014	<0.002	
4/21/2015	<0.002	
9/29/2015	<0.002	
3/23/2016	<0.002	
5/18/2016	<0.002	
7/6/2016	0.0013 (J)	
9/7/2016	<0.002	
10/18/2016	<0.002	
12/8/2016	<0.002	
2/2/2017	<0.002	
3/24/2017	<0.002	
10/4/2017	<0.002	
3/15/2018	<0.002	
10/4/2018	<0.002	
4/8/2019	<0.002	
10/1/2019	<0.002	
3/30/2020	<0.002	
9/24/2020	0.0008 (J)	
3/9/2021	<0.002	
8/10/2021	<0.002	
2/4/2022	<0.002	
8/10/2022	<0.002	
1/31/2023	<0.002	
8/15/2023	<0.002	
2/21/2024		<0.002
8/11/2024		0.0019 (J)
2/12/2025		<0.002
8/9/2025		<0.002

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 4/8/2026 12:39 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-8	GWC-8
5/9/2007	<0.002	
7/6/2007	<0.002	
8/28/2007	<0.002	
11/6/2007	0.0064 (O)	
3/31/2008	<0.002	
5/8/2008	<0.002	
12/2/2008	<0.002	
4/8/2009	<0.002	
9/30/2009	<0.002	
4/13/2010	<0.002	
10/13/2010	<0.002	
4/5/2011	<0.002	
10/4/2011	<0.002	
4/3/2012	<0.002	
9/19/2012	<0.002	
3/12/2013	<0.002	
9/10/2013	<0.002	
3/5/2014	<0.002	
9/9/2014	<0.002	
4/22/2015	<0.002	
9/29/2015	<0.002	
3/23/2016	<0.002	
5/18/2016	<0.002	
7/6/2016	0.0002 (J)	
9/8/2016	<0.002	
10/18/2016	<0.002	
12/8/2016	<0.002	
2/2/2017	<0.002	
3/24/2017	<0.002	
10/5/2017	<0.002	
3/14/2018	<0.002	
10/4/2018	<0.002	
4/8/2019	<0.002	
10/1/2019	<0.002	
3/27/2020	<0.002	
9/24/2020	0.0019 (J)	
3/9/2021	<0.002	
8/10/2021	<0.002	
2/4/2022	<0.002	
8/9/2022	<0.002	
1/31/2023	<0.002	
8/15/2023	<0.002	
2/21/2024		<0.002
8/11/2024		<0.002
2/12/2025		<0.002
8/9/2025		<0.002

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 4/8/2026 12:39 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-9
3/7/2007	<0.002	
5/8/2007	<0.002	
7/6/2007	<0.002	
8/28/2007	<0.002	
11/6/2007	<0.002	
5/8/2008	<0.002	
12/2/2008	<0.002	
4/8/2009	<0.002	
9/30/2009	<0.002	
4/13/2010	<0.002	
10/13/2010	<0.002	
4/5/2011	<0.002	
10/4/2011	<0.002	
4/4/2012	<0.002	
9/19/2012	<0.002	
3/12/2013	<0.002	
9/10/2013	<0.002	
3/5/2014	<0.002	
9/3/2014	<0.002	
4/21/2015	<0.002	
9/29/2015	<0.002	
3/23/2016	<0.002	
5/18/2016	<0.002	
7/6/2016	<0.002	
9/8/2016	<0.002	
10/19/2016	<0.002	
12/8/2016	0.0012 (J)	
2/2/2017	<0.002	
3/27/2017	<0.002	
10/5/2017	<0.002	
3/15/2018	<0.002	
10/5/2018	<0.002	
4/8/2019	<0.002	
10/1/2019	<0.002	
3/27/2020	<0.002	
9/24/2020	0.00056 (J)	
3/9/2021	<0.002	
8/10/2021	<0.002	
2/4/2022	<0.002	
8/9/2022	<0.002	
1/31/2023	<0.002	
8/15/2023	<0.002	
2/20/2024		<0.002
8/11/2024		<0.002
2/11/2025		<0.002
8/9/2025		<0.002

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 4/8/2026 12:39 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	GWC-10
3/7/2007	<0.002	
5/8/2007	<0.002	
7/17/2007	<0.002	
8/28/2007	<0.002	
11/7/2007	<0.002	
5/9/2008	<0.002	
12/2/2008	<0.002	
4/8/2009	<0.002	
10/1/2009	<0.002	
4/14/2010	<0.002	
10/13/2010	<0.002	
4/6/2011	<0.002	
10/4/2011	<0.002	
4/10/2012	<0.002	
9/26/2012	<0.002	
3/12/2013	<0.002	
9/10/2013	<0.002	
3/4/2014	<0.002	
9/3/2014	<0.002	
4/21/2015	<0.002	
9/30/2015	<0.002	
3/23/2016	<0.002	
5/17/2016	<0.002	
7/6/2016	0.0005 (J)	
9/7/2016	<0.002	
10/18/2016	<0.002	
12/6/2016	<0.002	
2/2/2017	<0.002	
3/27/2017	<0.002	
10/5/2017	<0.002	
3/15/2018	<0.002	
10/4/2018	<0.002	
4/9/2019	<0.002	
10/1/2019	<0.002	
3/27/2020	<0.002	
9/25/2020	<0.002	
3/9/2021	<0.002	
8/10/2021	<0.002	
2/4/2022	<0.002	
8/9/2022	<0.002	
1/30/2023	<0.002	
8/14/2023	<0.002	
2/19/2024		<0.002
8/11/2024		<0.002
2/11/2025		<0.002
8/9/2025		<0.002

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 4/8/2026 12:39 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-18	GWC-18
3/7/2007	<0.002	
5/9/2007	<0.002	
7/17/2007	<0.002	
8/28/2007	<0.002	
11/7/2007	<0.002	
5/7/2008	<0.002	
12/3/2008	<0.002	
4/14/2009	<0.002	
10/1/2009	<0.002	
4/13/2010	<0.002	
10/12/2010	<0.002	
4/6/2011	<0.002	
10/12/2011	<0.002	
4/5/2012	<0.002	
9/19/2012	<0.002	
3/13/2013	<0.002	
9/10/2013	<0.002	
3/10/2014	<0.002	
9/3/2014	<0.002	
4/22/2015	<0.002	
9/30/2015	<0.002	
3/24/2016	<0.002	
5/18/2016	<0.002	
7/7/2016	<0.002	
9/8/2016	<0.002	
10/19/2016	<0.002	
12/8/2016	<0.002	
2/2/2017	<0.002	
3/27/2017	<0.002	
10/5/2017	<0.002	
3/16/2018	<0.002	
10/5/2018	<0.002	
4/9/2019	<0.002	
10/1/2019	<0.002	
3/30/2020	<0.002	
9/24/2020	0.00033 (J)	
3/9/2021	<0.002	
8/10/2021	<0.002	
2/4/2022	<0.002	
8/9/2022	<0.002	
1/31/2023	<0.002	
8/15/2023	0.0028 (J)	
2/20/2024		<0.002
8/12/2024		<0.002
2/12/2025		<0.002
8/10/2025		<0.002

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 4/8/2026 12:39 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-19	GWC-19
3/6/2007	<0.002	
5/9/2007	<0.002	
7/17/2007	<0.002	
8/28/2007	<0.002	
11/7/2007	<0.002	
5/7/2008	<0.002	
12/4/2008	<0.002	
4/14/2009	<0.002	
10/2/2009	<0.002	
4/13/2010	<0.002	
10/12/2010	<0.002	
4/6/2011	<0.002	
10/12/2011	<0.002	
4/5/2012	<0.002	
9/25/2012	<0.002	
3/13/2013	<0.002	
9/11/2013	<0.002	
3/10/2014	<0.002	
9/9/2014	<0.002	
4/22/2015	<0.002	
9/30/2015	<0.002	
3/24/2016	<0.002	
5/18/2016	<0.002	
7/6/2016	0.0003 (J)	
9/8/2016	<0.002	
10/18/2016	<0.002	
12/7/2016	<0.002	
2/2/2017	<0.002	
3/27/2017	<0.002	
10/5/2017	<0.002	
3/15/2018	<0.002	
10/4/2018	<0.002	
4/9/2019	<0.002	
10/1/2019	<0.002	
3/31/2020	<0.002	
9/28/2020	<0.002	
3/10/2021	<0.002	
8/10/2021	<0.002	
2/7/2022	<0.002	
8/9/2022	<0.002	
1/31/2023	<0.002	
8/15/2023	<0.002	
2/20/2024		<0.002
8/12/2024		<0.002
2/11/2025		<0.002
8/10/2025		<0.002

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 4/8/2026 12:39 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-22	GWC-22
3/6/2007	<0.002	
5/9/2007	<0.002	
7/17/2007	<0.002	
8/29/2007	<0.002	
11/7/2007	<0.002	
5/7/2008	<0.002	
12/5/2008	<0.002	
4/14/2009	<0.002	
9/30/2009	<0.002	
4/13/2010	<0.002	
10/12/2010	<0.002	
4/6/2011	<0.002	
10/5/2011	<0.002	
4/9/2012	<0.002	
9/25/2012	<0.002	
3/13/2013	<0.002	
9/11/2013	<0.002	
3/11/2014	<0.002	
9/9/2014	<0.002	
4/23/2015	<0.002	
9/30/2015	<0.002	
3/23/2016	<0.002	
5/18/2016	<0.002	
7/7/2016	<0.002	
9/8/2016	<0.002	
10/19/2016	<0.002	
12/7/2016	<0.002	
2/2/2017	<0.002	
3/27/2017	<0.002	
10/5/2017	<0.002	
3/15/2018	<0.002	
10/4/2018	<0.002	
4/9/2019	<0.002	
10/1/2019	<0.002	
3/31/2020	<0.002	
9/23/2020	<0.002	
3/9/2021	<0.002	
8/10/2021	<0.002	
2/7/2022	<0.002	
8/9/2022	<0.002	
1/31/2023	<0.002	
8/15/2023	<0.002	
2/20/2024		0.0007 (J)
8/11/2024		<0.002
2/11/2025		<0.002
8/9/2025		<0.002

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/8/2026 12:39 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-3	GWA-3
3/6/2007	<0.002	
5/8/2007	<0.002	
7/17/2007	<0.002	
8/28/2007	<0.002	
11/6/2007	<0.002	
5/8/2008	<0.002	
12/3/2008	<0.002	
4/7/2009	<0.002	
10/2/2009	<0.002	
4/14/2010	<0.002	
10/14/2010	<0.002	
4/5/2011	<0.002	
10/12/2011	<0.002	
4/4/2012	<0.002	
9/26/2012	<0.002	
3/12/2013	<0.002	
9/10/2013	<0.002	
3/11/2014	0.005	
9/8/2014	0.0034 (J)	
4/21/2015	<0.002	
9/29/2015	0.0025 (J)	
3/22/2016	<0.002	
5/17/2016	0.00129 (J)	
7/5/2016	0.001 (J)	
9/7/2016	<0.002	
10/18/2016	<0.002	
12/6/2016	<0.002	
2/1/2017	<0.002	
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	<0.002	
3/8/2021	<0.002	
8/9/2021	<0.002	
2/4/2022	<0.002	
8/8/2022	<0.002	
1/30/2023	<0.002	
8/14/2023	<0.002	
2/19/2024		0.00093 (J)
8/11/2024		<0.002
2/11/2025		<0.002
8/9/2025		<0.002

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/8/2026 12:39 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-4	GWA-4
3/6/2007	<0.002	
5/8/2007	<0.002	
7/17/2007	<0.002	
8/28/2007	<0.002	
11/6/2007	<0.002	
5/8/2008	<0.002	
12/3/2008	<0.002	
4/7/2009	<0.002	
10/2/2009	0.0065	
4/14/2010	<0.002	
10/14/2010	<0.002	
4/5/2011	<0.002	
10/12/2011	<0.002	
4/4/2012	<0.002	
9/24/2012	<0.002	
3/12/2013	<0.002	
9/10/2013	<0.002	
3/11/2014	<0.002	
9/8/2014	<0.002	
4/21/2015	<0.002	
9/29/2015	<0.002	
3/22/2016	<0.002	
5/17/2016	<0.002	
7/6/2016	<0.002	
9/7/2016	<0.002	
10/18/2016	<0.002	
12/6/2016	<0.002	
2/1/2017	<0.002	
3/24/2017	0.0006 (J)	
10/4/2017	<0.002	
3/15/2018	0.0014 (J)	
10/4/2018	<0.002	
4/8/2019	0.00023 (J)	
9/30/2019	<0.002	
3/26/2020	0.00044 (J)	
9/23/2020	<0.002	
3/8/2021	<0.002	
8/9/2021	<0.002	
2/4/2022	<0.002	
8/8/2022	<0.002	
1/30/2023	<0.002	
8/14/2023	<0.002	
2/19/2024		0.0018 (J)
8/11/2024		<0.002
2/11/2025		<0.002
8/9/2025		<0.002

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/8/2026 12:39 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-11	GWA-11
3/7/2007	<0.002	
5/8/2007	<0.002	
7/17/2007	<0.002	
8/28/2007	<0.002	
11/7/2007	<0.002	
5/9/2008	<0.002	
12/2/2008	<0.002	
4/8/2009	<0.002	
10/1/2009	<0.002	
4/14/2010	<0.002	
10/13/2010	<0.002	
4/6/2011	<0.002	
10/4/2011	<0.002	
4/10/2012	<0.002	
9/26/2012	<0.002	
3/12/2013	<0.002	
9/10/2013	<0.002	
3/4/2014	<0.002	
9/3/2014	<0.002	
4/21/2015	<0.002	
9/29/2015	<0.002	
3/22/2016	<0.002	
5/17/2016	<0.002	
7/6/2016	<0.002	
9/7/2016	<0.002	
10/18/2016	<0.002	
12/6/2016	<0.002	
2/1/2017	<0.002	
3/24/2017	<0.002	
10/5/2017	<0.002	
3/15/2018	<0.002	
10/4/2018	<0.002	
4/8/2019	0.00012 (J)	
9/30/2019	<0.002	
3/26/2020	<0.002	
9/22/2020	<0.002	
3/8/2021	<0.002	
8/10/2021	<0.002	
2/4/2022	<0.002	
8/8/2022	<0.002	
1/30/2023	<0.002	
8/14/2023	<0.002	
2/19/2024		<0.002
8/11/2024		0.001 (J)
2/11/2025		<0.002
8/9/2025		<0.002

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/8/2026 12:39 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-5	GWC-5
3/7/2007	<0.002	
5/8/2007	<0.002	
7/6/2007	<0.002	
8/28/2007	<0.002	
11/6/2007	<0.002	
5/8/2008	<0.002	
12/3/2008	<0.002	
4/7/2009	<0.002	
10/1/2009	<0.002	
4/14/2010	<0.002	
10/14/2010	<0.002	
4/5/2011	<0.002	
10/12/2011	<0.002	
4/4/2012	<0.002	
9/24/2012	<0.002	
3/12/2013	<0.002	
9/10/2013	<0.002	
3/5/2014	0.0017 (J)	
9/9/2014	<0.002	
4/21/2015	<0.002	
9/29/2015	<0.002	
3/23/2016	<0.002	
5/17/2016	<0.002	
7/6/2016	<0.002	
9/7/2016	<0.002	
10/18/2016	<0.002	
12/8/2016	<0.002	
2/1/2017	<0.002	
3/23/2017	<0.002	
10/4/2017	0.0006 (J)	
3/16/2018	<0.002	
10/4/2018	<0.002	
4/9/2019	<0.002	
10/1/2019	<0.002	
3/31/2020	<0.002	
9/25/2020	<0.002	
3/9/2021	<0.002	
8/10/2021	<0.002	
2/4/2022	<0.002	
8/9/2022	<0.002	
1/31/2023	<0.002	
8/15/2023	<0.002	
2/20/2024		<0.002
8/12/2024		<0.002
2/11/2025		<0.002
8/10/2025		<0.002

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/8/2026 12:39 PM View: Mann Whitney

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
8/9/2025		0.0084

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/8/2026 12:39 PM View: Mann Whitney

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
8/9/2025		0.0028

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/8/2026 12:39 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-9
3/7/2007	<0.002	
5/8/2007	<0.002	
7/6/2007	<0.002	
8/28/2007	<0.002	
11/6/2007	<0.002	
5/8/2008	<0.002	
12/2/2008	<0.002	
4/8/2009	<0.002	
9/30/2009	<0.002	
4/13/2010	<0.002	
10/13/2010	<0.002	
4/5/2011	<0.002	
10/4/2011	<0.002	
4/4/2012	<0.002	
9/19/2012	<0.002	
3/12/2013	<0.002	
9/10/2013	<0.002	
3/5/2014	<0.002	
9/3/2014	<0.002	
4/21/2015	<0.002	
9/29/2015	<0.002	
3/23/2016	<0.002	
5/18/2016	<0.002	
7/6/2016	<0.002	
9/8/2016	<0.002	
10/19/2016	<0.002	
12/8/2016	<0.002	
2/2/2017	<0.002	
3/27/2017	<0.002	
10/5/2017	<0.002	
3/15/2018	<0.002	
10/5/2018	<0.002	
4/8/2019	<0.002	
10/1/2019	0.00071 (J)	
3/27/2020	<0.002	
9/24/2020	<0.002	
3/9/2021	<0.002	
8/10/2021	<0.002	
2/4/2022	<0.002	
8/9/2022	<0.002	
1/31/2023	<0.002	
8/15/2023	<0.002	
2/20/2024		<0.002
8/11/2024		<0.002
2/11/2025		<0.002
8/9/2025		<0.002

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/8/2026 12:39 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-18	GWC-18
3/7/2007	<0.002	
5/9/2007	<0.002	
7/17/2007	<0.002	
8/28/2007	<0.002	
11/7/2007	<0.002	
5/7/2008	<0.002	
12/3/2008	<0.002	
4/14/2009	<0.002	
10/1/2009	<0.002	
4/13/2010	<0.002	
10/12/2010	<0.002	
4/6/2011	<0.002	
10/12/2011	<0.002	
4/5/2012	<0.002	
9/19/2012	<0.002	
3/13/2013	<0.002	
9/10/2013	<0.002	
3/10/2014	<0.002	
9/3/2014	<0.002	
4/22/2015	<0.002	
9/30/2015	<0.002	
3/24/2016	<0.002	
5/18/2016	<0.002	
7/7/2016	<0.002	
9/8/2016	<0.002	
10/19/2016	<0.002	
12/8/2016	<0.002	
2/2/2017	<0.002	
3/27/2017	0.0005 (J)	
10/5/2017	<0.002	
3/16/2018	<0.002	
10/5/2018	<0.002	
4/9/2019	0.00063 (J)	
10/1/2019	<0.002	
3/30/2020	0.00073 (J)	
9/24/2020	<0.002	
3/9/2021	<0.002	
8/10/2021	<0.002	
2/4/2022	<0.002	
8/9/2022	<0.002	
1/31/2023	<0.002	
8/15/2023	<0.002	
2/20/2024		<0.002
8/12/2024		<0.002
2/12/2025		<0.002
8/10/2025		<0.002

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/8/2026 12:39 PM View: Mann Whitney

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
8/9/2025		0.0014 (J)

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/8/2026 12:39 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-23	GWC-23
3/6/2007	<0.002	
5/9/2007	<0.002	
7/17/2007	<0.002	
8/29/2007	<0.002	
11/7/2007	<0.002	
3/31/2008	<0.002	
5/7/2008	<0.002	
12/5/2008	<0.002	
4/14/2009	<0.002	
10/1/2009	<0.002	
4/14/2010	<0.002	
10/13/2010	<0.002	
4/6/2011	<0.002	
10/12/2011	<0.002	
4/9/2012	<0.002	
9/19/2012	<0.002	
3/13/2013	<0.002	
9/10/2013	<0.002	
3/11/2014	<0.002	
9/3/2014	<0.002	
4/23/2015	<0.002	
9/30/2015	<0.002	
3/23/2016	<0.002	
5/19/2016	<0.002	
7/7/2016	<0.002	
9/8/2016	<0.002	
10/19/2016	<0.002	
12/7/2016	<0.002	
2/3/2017	<0.002	
3/27/2017	<0.002	
10/5/2017	<0.002	
3/15/2018	<0.002	
10/5/2018	<0.002	
4/8/2019	0.00034 (J)	
10/1/2019	0.00082 (J)	
3/26/2020	<0.002	
9/23/2020	<0.002	
3/9/2021	<0.002	
8/10/2021	<0.002	
2/7/2022	<0.002	
8/8/2022	<0.002	
1/31/2023	<0.002	
8/14/2023	<0.002	
2/20/2024		<0.002
8/12/2024		<0.002
2/12/2025		<0.002
8/10/2025		<0.002

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/8/2026 12:39 PM View: Mann Whitney

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
8/9/2025		0.035

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/8/2026 12:40 PM View: Mann Whitney

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
8/9/2025		0.2

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/8/2026 12:40 PM View: Mann Whitney

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
8/9/2025		0.08

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/8/2026 12:40 PM View: Mann Whitney

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
8/9/2025		0.051

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/8/2026 12:40 PM View: Mann Whitney

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
8/9/2025		0.03

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/8/2026 12:40 PM View: Mann Whitney

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
8/10/2025		0.072

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/8/2026 12:40 PM View: Mann Whitney

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
8/10/2025		0.13

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/8/2026 12:40 PM View: Mann Whitney

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
8/9/2025		0.037

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/8/2026 12:40 PM View: Mann Whitney

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	
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
8/9/2025		0.17

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/8/2026 12:40 PM View: Mann Whitney

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
8/9/2025		0.063

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/8/2026 12:40 PM View: Mann Whitney

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
8/9/2025		0.12

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/8/2026 12:40 PM View: Mann Whitney

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
8/10/2025		0.079

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/8/2026 12:40 PM View: Mann Whitney

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
8/10/2025		0.15

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/8/2026 12:40 PM View: Mann Whitney

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
8/10/2025		0.15

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/8/2026 12:40 PM View: Mann Whitney

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
8/9/2025		0.06

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/8/2026 12:40 PM View: Mann Whitney

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
8/9/2025		0.09

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/8/2026 12:40 PM View: Mann Whitney

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
8/10/2025		0.063

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Beryllium (mg/L) Analysis Run 4/8/2026 12:40 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-3	GWA-3
3/6/2007	<0.0004	
5/8/2007	<0.0004	
7/17/2007	<0.0004	
8/28/2007	<0.0004	
11/6/2007	<0.0004	
5/8/2008	<0.0004	
12/3/2008	<0.0004	
4/7/2009	<0.0004	
10/2/2009	<0.0004	
4/14/2010	<0.0004	
10/14/2010	<0.0004	
4/5/2011	<0.0004	
10/12/2011	<0.0004	
4/4/2012	<0.0004	
9/26/2012	<0.0004	
3/12/2013	<0.0004	
9/10/2013	<0.0004	
3/11/2014	<0.0004	
9/8/2014	<0.0004	
4/21/2015	8E-05 (J)	
9/29/2015	<0.0004	
3/22/2016	<0.0004	
5/17/2016	<0.0004	
7/5/2016	<0.0004	
9/7/2016	<0.0004	
10/18/2016	<0.0004	
12/6/2016	<0.0004	
2/1/2017	<0.0004	
3/23/2017	<0.0004	
10/4/2017	<0.0004	
3/15/2018	<0.0004	
10/4/2018	<0.0004	
4/5/2019	<0.0004	
9/30/2019	<0.0004	
3/26/2020	<0.0004	
9/23/2020	<0.0004	
3/8/2021	<0.0004	
8/9/2021	<0.0004	
2/4/2022	<0.0004	
8/8/2022	<0.0004	
1/30/2023	<0.0004	
8/14/2023	<0.0004	
2/19/2024		<0.0004
8/11/2024		<0.0004
2/11/2025		<0.0004
8/9/2025		<0.0004

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Beryllium (mg/L) Analysis Run 4/8/2026 12:40 PM View: Mann Whitney

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	<0.0004	
9/10/2013	<0.0004	
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	<0.0004	
5/18/2016	<0.0004	
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	<0.0004	
3/24/2017	<0.0004	
10/4/2017	0.0001 (J)	
3/15/2018	<0.0004	
10/4/2018	0.0002 (J)	
4/8/2019	5.8E-05 (J)	
10/1/2019	0.0001 (J)	
3/30/2020	<0.0004	
9/24/2020	5E-05 (J)	
3/9/2021	<0.0004	
8/10/2021	6.1E-05 (J)	
2/4/2022	<0.0004	
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)
8/9/2025		<0.0004

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Beryllium (mg/L) Analysis Run 4/8/2026 12:40 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-19	GWC-19
3/6/2007	<0.0004	
5/9/2007	<0.0004	
7/17/2007	<0.0004	
8/28/2007	<0.0004	
11/7/2007	<0.0004	
5/7/2008	<0.0004	
12/4/2008	<0.0004	
4/14/2009	<0.0004	
10/2/2009	<0.0004	
4/13/2010	<0.0004	
10/12/2010	<0.0004	
4/6/2011	<0.0004	
10/12/2011	<0.0004	
4/5/2012	<0.0004	
9/25/2012	<0.0004	
3/13/2013	<0.0004	
9/11/2013	<0.0004	
3/10/2014	<0.0004	
9/9/2014	<0.0004	
4/22/2015	<0.0004	
9/30/2015	<0.0004	
3/24/2016	<0.0004	
5/18/2016	<0.0004	
7/6/2016	<0.0004	
9/8/2016	<0.0004	
10/18/2016	<0.0004	
12/7/2016	<0.0004	
2/2/2017	<0.0004	
3/27/2017	<0.0004	
10/5/2017	<0.0004	
3/15/2018	<0.0004	
10/4/2018	<0.0004	
4/9/2019	<0.0004	
10/1/2019	<0.0004	
3/31/2020	<0.0004	
9/28/2020	0.0001 (J)	
3/10/2021	<0.0004	
8/10/2021	<0.0004	
2/7/2022	<0.0004	
8/9/2022	<0.0004	
1/31/2023	<0.0004	
8/15/2023	<0.0004	
2/20/2024		<0.0004
8/12/2024		<0.0004
2/11/2025		<0.0004
8/10/2025		<0.0004

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 4/8/2026 12:40 PM View: Mann Whitney

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)
8/9/2025		0.018 (J)

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 4/8/2026 12:40 PM View: Mann Whitney

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
8/9/2025		0.083

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 4/8/2026 12:40 PM View: Mann Whitney

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
8/9/2025		0.15

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 4/8/2026 12:40 PM View: Mann Whitney

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
8/9/2025		0.089

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 4/8/2026 12:40 PM View: Mann Whitney

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)
8/9/2025		0.037 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 4/8/2026 12:40 PM View: Mann Whitney

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
8/10/2025		0.06

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 4/8/2026 12:40 PM View: Mann Whitney

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
8/10/2025		0.043

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 4/8/2026 12:40 PM View: Mann Whitney

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)
8/9/2025		0.029 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 4/8/2026 12:40 PM View: Mann Whitney

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
8/9/2025		0.058

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 4/8/2026 12:40 PM View: Mann Whitney

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)
8/9/2025		0.016 (J)

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 4/8/2026 12:40 PM View: Mann Whitney

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
8/9/2025		0.035 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 4/8/2026 12:40 PM View: Mann Whitney

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
8/10/2025		0.15

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 4/8/2026 12:40 PM View: Mann Whitney

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
8/10/2025		0.16

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 4/8/2026 12:40 PM View: Mann Whitney

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)
8/10/2025		0.018 (J)

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 4/8/2026 12:40 PM View: Mann Whitney

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 (Jo)	
12/7/2016	0.127 (o)	
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)
8/9/2025		0.04

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 4/8/2026 12:40 PM View: Mann Whitney

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
8/9/2025		0.073

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 4/8/2026 12:40 PM View: Mann Whitney

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)
8/10/2025		0.019 (J)

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 4/8/2026 12:40 PM View: Mann Whitney

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
8/9/2025		<0.0005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 4/8/2026 12:40 PM View: Mann Whitney

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
8/10/2025		<0.0005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 4/8/2026 12:40 PM View: Mann Whitney

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
8/9/2025		<0.0005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 4/8/2026 12:40 PM View: Mann Whitney

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
8/9/2025		<0.0005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 4/8/2026 12:40 PM View: Mann Whitney

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
8/9/2025		<0.0005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 4/8/2026 12:40 PM View: Mann Whitney

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
8/9/2025		<0.0005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 4/8/2026 12:40 PM View: Mann Whitney

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
8/10/2025		<0.0005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 4/8/2026 12:40 PM View: Mann Whitney

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
8/10/2025		<0.0005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 4/8/2026 12:40 PM View: Mann Whitney

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
8/9/2025		<0.0005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 4/8/2026 12:40 PM View: Mann Whitney

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
8/10/2025		<0.0005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 4/8/2026 12:40 PM View: Mann Whitney

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
8/9/2025		13.8

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 4/8/2026 12:40 PM View: Mann Whitney

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
8/9/2025		57.8

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 4/8/2026 12:40 PM View: Mann Whitney

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
8/9/2025		58.3

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 4/8/2026 12:40 PM View: Mann Whitney

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
8/9/2025		91.8

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 4/8/2026 12:40 PM View: Mann Whitney

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
8/9/2025		17

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 4/8/2026 12:40 PM View: Mann Whitney

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
8/10/2025		73.7

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 4/8/2026 12:40 PM View: Mann Whitney

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
8/10/2025		55.7

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 4/8/2026 12:40 PM View: Mann Whitney

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
8/9/2025		14.3

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 4/8/2026 12:40 PM View: Mann Whitney

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
8/9/2025		90.1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 4/8/2026 12:40 PM View: Mann Whitney

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
8/9/2025		37.9

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 4/8/2026 12:40 PM View: Mann Whitney

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
8/9/2025		39.4

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 4/8/2026 12:40 PM View: Mann Whitney

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
8/10/2025		38.3

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 4/8/2026 12:40 PM View: Mann Whitney

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
8/10/2025		44.6

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/10/2025		60.9

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/9/2025		28.6

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/9/2025		43.9

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/10/2025		33.9

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/9/2025		1.2

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/9/2025		3

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/9/2025		1.3

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/9/2025		3.3

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/9/2025		1.3

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/10/2025		2.7

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/10/2025		1.8

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/9/2025		2.3

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/9/2025		3

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/9/2025		1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/9/2025		1.4

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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)
8/10/2025		1.1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/10/2025		1.3

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/10/2025		1.4

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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 (o)	
12/3/2024		5.4
2/11/2025		5.5
8/9/2025		5.5

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/9/2025		1.2

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/10/2025		1.3

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/9/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/9/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/9/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/9/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/9/2025		0.0037 (J)

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/10/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/10/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/9/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/9/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/9/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/9/2025		0.0024 (J)

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/10/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/10/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/10/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/9/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/9/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/10/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/9/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/9/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/9/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/9/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/9/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/10/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/10/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/9/2025		0.018

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/9/2025		0.0013 (J)

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/9/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/9/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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)
8/9/2025		0.0029 (J)

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/10/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/9/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/9/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/9/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/9/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/10/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/10/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/9/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/9/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/9/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/9/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/10/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/10/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/10/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/9/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/9/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/10/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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)
8/9/2025		0.11

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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)
8/9/2025		0.094 (J)

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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)
8/9/2025		0.11

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/9/2025		0.12

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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)
8/9/2025		0.081 (J)

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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)
8/10/2025		0.07 (J)

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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)
8/10/2025		0.054 (J)

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/9/2025		0.13

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/9/2025		0.15

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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)
8/9/2025		0.095 (J)

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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)
8/9/2025		0.096 (J)

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/10/2025		0.1

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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)
8/10/2025		0.095 (J)

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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)
8/10/2025		0.056 (J)

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/9/2025		0.059 (J)

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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)
8/9/2025		0.085 (J)

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/10/2025		0.075 (J)

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/9/2025		<0.001

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/9/2025		<0.001

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/10/2025		<0.001

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/10/2025		<0.001

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/9/2025		<0.001

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/9/2025		0.00029 (J)

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/9/2025		<0.001

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/10/2025		<0.001

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/10/2025		<0.001

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/10/2025		<0.001

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/9/2025		<0.001

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/9/2025		<0.001

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/8/2026 12:41 PM View: Mann Whitney

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
8/10/2025		<0.001

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/9/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/9/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/9/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/9/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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)
8/9/2025		0.0035 (J)

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/10/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/10/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/9/2025		0.1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/9/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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)
8/9/2025		0.0022 (J)

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/9/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/10/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/10/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/10/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/9/2025		0.0064

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/9/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/10/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/9/2025		7.14

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/9/2025		6.78

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/9/2025		6.66

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/9/2025		6.78

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/9/2025		6.86

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/10/2025		6.98

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/10/2025		7.17

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/9/2025		5.79

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/9/2025		7.01

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/9/2025		6.71

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/9/2025		7.5

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/10/2025		7.71

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/10/2025		7.59

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/10/2025		7.47

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/9/2025		6.14

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/9/2025		7.66

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/10/2025		7.17

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/9/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/9/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/9/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/9/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/9/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Silver (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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	0.0036	
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	
9/8/2016	<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	
3/31/2020	<0.001	
9/24/2020	<0.001	
3/9/2021	<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
8/9/2025		<0.001

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/9/2025		4.2

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/9/2025		38.7

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/9/2025		80.5

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/9/2025		141

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/9/2025		9.9

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/10/2025		90.9

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/10/2025		90.9

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/9/2025		111

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/9/2025		33.3

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/9/2025		81

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/9/2025		9.7

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/10/2025		7.3

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/10/2025		29.5

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/10/2025		71.6

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/9/2025		19.5

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/9/2025		6.7

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/10/2025		4.9

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/9/2025		104

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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 (o)	
8/10/2024		287
2/11/2025		292
8/9/2025		298

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/9/2025		359

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/9/2025		515

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/9/2025		125

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/10/2025		393

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/10/2025		325

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/9/2025		253

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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 (o)	
8/11/2024		327
2/12/2025		341
8/9/2025		353

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/9/2025		248

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/9/2025		199

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/10/2025		198

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/10/2025		256

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/10/2025		298

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/9/2025		143

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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 (o)	
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
8/9/2025		228

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/10/2025		174

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Thallium (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1	GWA-1
3/6/2007	<0.0005	
5/8/2007	<0.0005	
7/7/2007	<0.0005	
8/28/2007	<0.0005	
11/6/2007	<0.0005	
5/9/2008	<0.0005	
12/3/2008	<0.0005	
4/7/2009	<0.0005	
10/1/2009	<0.0005	
4/14/2010	<0.0005	
10/13/2010	<0.0005	
4/6/2011	<0.0005	
10/10/2011	<0.0005	
4/3/2012	<0.0005	
9/24/2012	<0.0005	
3/12/2013	<0.0005	
3/4/2014	<0.0005	
9/3/2014	<0.0005	
4/21/2015	<0.0005	
9/30/2015	<0.0005	
3/22/2016	<0.0005	
5/17/2016	<0.0005	
7/5/2016	<0.0005	
9/7/2016	<0.0005	
10/18/2016	<0.0005	
12/6/2016	<0.0005	
1/31/2017	<0.0005	
3/23/2017	<0.0005	
10/4/2017	<0.0005	
3/14/2018	<0.0005	
10/4/2018	<0.0005	
4/8/2019	<0.0005	
9/30/2019	<0.0005	
3/26/2020	<0.0005	
9/23/2020	<0.0005	
3/8/2021	<0.0005	
8/9/2021	<0.0005	
2/4/2022	<0.0005	
8/8/2022	<0.0005	
1/30/2023	0.00022 (J)	
8/14/2023	<0.0005	
2/19/2024		<0.0005
8/11/2024		<0.0005
2/11/2025		<0.0005
8/9/2025		<0.0005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Thallium (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-7	GWC-7
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	
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	
3/5/2014	<0.0005	
9/8/2014	<0.0005	
4/21/2015	<0.0005	
9/29/2015	<0.0005	
3/23/2016	<0.0005	
5/18/2016	<0.0005	
7/6/2016	0.0001 (J)	
9/7/2016	<0.0005	
10/18/2016	<0.0005	
12/8/2016	<0.0005	
2/2/2017	<0.0005	
3/24/2017	<0.0005	
10/4/2017	<0.0005	
3/15/2018	<0.0005	
10/4/2018	<0.0005	
4/8/2019	<0.0005	
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
8/9/2025		<0.0005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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	<0.005	
9/3/2014	<0.005	
4/21/2015	<0.005	
9/30/2015	<0.005	
3/22/2016	<0.005	
9/7/2016	<0.005	
3/23/2017	<0.005	
10/4/2017	<0.005	
3/14/2018	<0.005	
10/4/2018	<0.005	
4/8/2019	<0.005	
9/30/2019	<0.005	
3/26/2020	<0.005	
9/23/2020	<0.005	
3/8/2021	<0.005	
8/9/2021	0.0019 (J)	
2/4/2022	<0.005	
8/8/2022	<0.005	
1/30/2023	0.0022 (J)	
8/14/2023	<0.005	
2/19/2024		<0.005
8/11/2024		<0.005
2/11/2025		<0.005
8/9/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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	
9/7/2016	<0.005	
3/24/2017	<0.005	
10/4/2017	<0.005	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/8/2019	<0.005	
9/30/2019	<0.005	
3/26/2020	<0.005	
9/23/2020	<0.005	
3/8/2021	<0.005	
8/9/2021	<0.005	
2/4/2022	<0.005	
8/8/2022	<0.005	
1/30/2023	<0.005	
8/14/2023	<0.005	
2/19/2024		0.0012 (J)
8/11/2024		<0.005
2/11/2025		<0.005
8/9/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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	0.00093 (J)	
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	<0.005	
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
8/10/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-7	GWC-7
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	
10/1/2009	0.0039	
4/13/2010	<0.005	
10/7/2010	<0.005	
4/5/2011	0.0025	
10/4/2011	0.0027	
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	0.0012 (J)	
4/21/2015	0.0015 (J)	
9/29/2015	<0.005	
3/23/2016	<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	
10/1/2019	<0.005	
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
8/9/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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	0.034	
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	<0.005	
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	
2/21/2024		<0.005
8/11/2024		<0.005
2/12/2025		<0.005
8/9/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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	0.0029	
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	<0.005	
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
8/9/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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	0.0029 (J)	
9/30/2015	0.001 (J)	
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
8/9/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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	
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	0.00017 (J)	
10/1/2019	<0.005	
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
8/10/2025		<0.005

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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	0.0028	
10/1/2009	<0.01	
4/14/2010	<0.01	
10/13/2010	<0.01	
4/6/2011	<0.01	
10/10/2011	<0.01	
4/3/2012	<0.01	
9/24/2012	<0.01	
3/12/2013	<0.01	
9/11/2013	<0.01	
3/4/2014	0.0026	
9/3/2014	0.001 (J)	
4/21/2015	<0.01	
9/30/2015	<0.01	
3/22/2016	<0.01	
9/7/2016	0.0047 (J)	
3/23/2017	<0.01	
10/4/2017	<0.01	
3/14/2018	0.0032 (J)	
10/4/2018	0.003 (J)	
4/8/2019	<0.01	
9/30/2019	0.0032 (J)	
3/26/2020	<0.01	
9/23/2020	0.0025 (J)	
3/8/2021	<0.01	
8/9/2021	<0.01	
2/4/2022	<0.01	
8/8/2022	<0.01	
1/30/2023	<0.01	
8/14/2023	<0.01	
2/19/2024		<0.01
8/11/2024		<0.01
2/11/2025		<0.01
8/9/2025		<0.01

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-2	GWA-2
3/6/2007	<0.01	
5/8/2007	<0.01	
7/7/2007	<0.01	
8/28/2007	0.0026	
11/6/2007	<0.01	
5/9/2008	<0.01	
12/3/2008	<0.01	
4/7/2009	<0.01	
10/1/2009	<0.01	
4/13/2010	<0.01	
10/7/2010	<0.01	
4/6/2011	<0.01	
10/6/2011	<0.01	
4/3/2012	<0.01	
9/19/2012	<0.01	
3/12/2013	<0.01	
9/9/2013	<0.01	
3/4/2014	0.0035	
9/3/2014	0.0015 (J)	
4/22/2015	<0.01	
9/30/2015	0.0026 (J)	
3/22/2016	<0.01	
9/7/2016	0.0024 (J)	
3/23/2017	<0.01	
10/4/2017	0.0017 (J)	
3/14/2018	0.0023 (J)	
10/4/2018	0.0041 (J)	
4/8/2019	0.0014 (J)	
9/30/2019	0.0043 (J)	
3/26/2020	<0.01	
9/21/2020	<0.01	
3/9/2021	<0.01	
8/9/2021	<0.01	
2/4/2022	<0.01	
8/8/2022	<0.01	
1/30/2023	<0.01	
8/14/2023	<0.01	
2/19/2024		<0.01
8/10/2024		<0.01
2/11/2025		<0.01
8/9/2025		<0.01

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/9/2025		0.0026 (J)

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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	0.0026	
11/6/2007	<0.01	
5/8/2008	0.0037	
12/3/2008	0.003	
4/7/2009	0.0045	
10/2/2009	0.0027	
4/14/2010	<0.01	
10/14/2010	0.0041	
4/5/2011	<0.01	
10/12/2011	0.0033	
4/4/2012	<0.01	
9/24/2012	0.0039	
3/12/2013	<0.01	
9/10/2013	0.0035	
3/11/2014	0.0045	
9/8/2014	0.0026	
4/21/2015	0.0028	
9/29/2015	0.008 (J)	
3/22/2016	<0.01	
9/7/2016	0.0035 (J)	
3/24/2017	0.0095 (J)	
10/4/2017	0.0031 (J)	
3/15/2018	0.0041 (J)	
10/4/2018	0.0058 (J)	
4/8/2019	0.0023 (J)	
9/30/2019	0.0059 (J)	
3/26/2020	<0.01	
9/23/2020	0.0025 (J)	
3/8/2021	0.0034 (J)	
8/9/2021	<0.01	
2/4/2022	<0.01	
8/8/2022	<0.01	
1/30/2023	<0.01	
8/14/2023	<0.01	
2/19/2024		<0.01
8/11/2024		<0.01
2/11/2025		<0.01
8/9/2025		<0.01

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-11	GWA-11
3/7/2007	<0.01	
5/8/2007	0.0025	
7/17/2007	0.0047	
8/28/2007	0.0033	
11/7/2007	<0.01	
5/9/2008	<0.01	
12/2/2008	<0.01	
4/8/2009	<0.01	
10/1/2009	<0.01	
4/14/2010	<0.01	
10/13/2010	<0.01	
4/6/2011	<0.01	
10/4/2011	<0.01	
4/10/2012	<0.01	
9/26/2012	<0.01	
3/12/2013	<0.01	
9/10/2013	<0.01	
3/4/2014	<0.01	
9/3/2014	0.00074 (J)	
4/21/2015	<0.01	
9/29/2015	0.0024 (J)	
3/22/2016	<0.01	
9/7/2016	0.0023 (J)	
3/24/2017	0.0068 (J)	
10/5/2017	<0.01	
3/15/2018	0.0042 (J)	
10/4/2018	0.0046 (J)	
4/8/2019	0.0024 (J)	
9/30/2019	0.004 (J)	
3/26/2020	<0.01	
9/22/2020	<0.01	
3/8/2021	<0.01	
8/10/2021	<0.01	
2/4/2022	<0.01	
8/8/2022	<0.01	
1/30/2023	<0.01	
8/14/2023	<0.01	
2/19/2024		<0.01
8/11/2024		<0.01
2/11/2025		<0.01
8/9/2025		<0.01

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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)
8/10/2025		<0.01

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-6	GWC-6
3/7/2007	<0.01	
5/9/2007	<0.01	
7/17/2007	<0.01	
8/28/2007	<0.01	
11/6/2007	<0.01	
5/8/2008	<0.01	
12/3/2008	<0.01	
4/7/2009	<0.01	
10/1/2009	<0.01	
4/13/2010	<0.01	
10/6/2010	<0.01	
4/5/2011	<0.01	
10/4/2011	<0.01	
4/3/2012	<0.01	
9/18/2012	<0.01	
3/12/2013	<0.01	
9/9/2013	<0.01	
3/5/2014	0.0026	
9/8/2014	0.00055 (J)	
4/22/2015	<0.01	
9/29/2015	0.0026 (J)	
3/23/2016	<0.01	
9/7/2016	0.0024 (J)	
3/23/2017	0.0035 (J)	
10/4/2017	<0.01	
3/16/2018	0.0029 (J)	
10/4/2018	0.0039 (J)	
4/8/2019	0.0013 (J)	
10/1/2019	0.0056 (J)	
3/31/2020	<0.01	
9/25/2020	<0.01	
3/9/2021	<0.01	
8/10/2021	<0.01	
2/4/2022	<0.01	
8/8/2022	<0.01	
1/31/2023	<0.01	
8/14/2023	<0.01	
2/21/2024		<0.01
8/12/2024		<0.01
2/12/2025		<0.01
8/10/2025		<0.01

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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
8/9/2025		0.18

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-8	GWC-8
5/9/2007	0.0038	
7/6/2007	<0.01	
8/28/2007	<0.01	
11/6/2007	<0.01	
3/31/2008	0.045	
5/8/2008	<0.01	
12/2/2008	<0.01	
4/8/2009	<0.01	
9/30/2009	<0.01	
4/13/2010	<0.01	
10/13/2010	<0.01	
4/5/2011	<0.01	
10/4/2011	<0.01	
4/3/2012	<0.01	
9/19/2012	<0.01	
3/12/2013	<0.01	
9/10/2013	<0.01	
3/5/2014	0.0028	
9/9/2014	0.0014 (J)	
4/22/2015	<0.01	
9/29/2015	0.0016 (J)	
3/23/2016	<0.01	
9/8/2016	<0.01	
3/24/2017	0.0031 (J)	
10/5/2017	<0.01	
3/14/2018	0.0053 (J)	
10/4/2018	0.0031 (J)	
4/8/2019	0.0012 (J)	
10/1/2019	0.0055 (J)	
3/27/2020	<0.01	
9/24/2020	<0.01	
3/9/2021	<0.01	
8/10/2021	<0.01	
2/4/2022	<0.01	
8/9/2022	<0.01	
1/31/2023	<0.01	
8/15/2023	<0.01	
2/21/2024		<0.01
8/11/2024		<0.01
2/12/2025		<0.01
8/9/2025		<0.01

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-9
3/7/2007	<0.01	
5/8/2007	0.0027	
7/6/2007	0.0032	
8/28/2007	0.0026	
11/6/2007	<0.01	
5/8/2008	<0.01	
12/2/2008	<0.01	
4/8/2009	<0.01	
9/30/2009	<0.01	
4/13/2010	<0.01	
10/13/2010	<0.01	
4/5/2011	<0.01	
10/4/2011	<0.01	
4/4/2012	<0.01	
9/19/2012	<0.01	
3/12/2013	<0.01	
9/10/2013	<0.01	
3/5/2014	0.0029	
9/3/2014	0.0011 (J)	
4/21/2015	<0.01	
9/29/2015	0.0034 (J)	
3/23/2016	<0.01	
9/8/2016	<0.01	
3/27/2017	0.0014 (J)	
10/5/2017	0.0013 (J)	
3/15/2018	<0.01	
10/5/2018	0.0044 (J)	
4/8/2019	0.0016 (J)	
10/1/2019	0.0052 (J)	
3/27/2020	<0.01	
9/24/2020	<0.01	
3/9/2021	<0.01	
8/10/2021	<0.01	
2/4/2022	<0.01	
8/9/2022	<0.01	
1/31/2023	<0.01	
8/15/2023	<0.01	
2/20/2024		<0.01
8/11/2024		<0.01
2/11/2025		<0.01
8/9/2025		<0.01

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	GWC-10
3/7/2007	<0.01	
5/8/2007	<0.01	
7/17/2007	0.0069	
8/28/2007	<0.01	
11/7/2007	<0.01	
5/9/2008	<0.01	
12/2/2008	<0.01	
4/8/2009	<0.01	
10/1/2009	<0.01	
4/14/2010	<0.01	
10/13/2010	<0.01	
4/6/2011	<0.01	
10/4/2011	<0.01	
4/10/2012	<0.01	
9/26/2012	<0.01	
3/12/2013	<0.01	
9/10/2013	<0.01	
3/4/2014	0.0026	
9/3/2014	0.00079 (J)	
4/21/2015	<0.01	
9/30/2015	0.0018 (J)	
3/23/2016	<0.01	
9/7/2016	<0.01	
3/27/2017	0.0014 (J)	
10/5/2017	<0.01	
3/15/2018	<0.01	
10/4/2018	0.0033 (J)	
4/9/2019	<0.01	
10/1/2019	0.0049 (J)	
3/27/2020	<0.01	
9/25/2020	<0.01	
3/9/2021	<0.01	
8/10/2021	<0.01	
2/4/2022	<0.01	
8/9/2022	<0.01	
1/30/2023	<0.01	
8/14/2023	<0.01	
2/19/2024		<0.01
8/11/2024		<0.01
2/11/2025		<0.01
8/9/2025		<0.01

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-18	GWC-18
3/7/2007	<0.01	
5/9/2007	0.0026	
7/17/2007	0.0043	
8/28/2007	<0.01	
11/7/2007	<0.01	
5/7/2008	<0.01	
12/3/2008	<0.01	
4/14/2009	<0.01	
10/1/2009	<0.01	
4/13/2010	<0.01	
10/12/2010	<0.01	
4/6/2011	<0.01	
10/12/2011	<0.01	
4/5/2012	<0.01	
9/19/2012	<0.01	
3/13/2013	<0.01	
9/10/2013	<0.01	
3/10/2014	0.0022 (J)	
9/3/2014	0.0013 (J)	
4/22/2015	0.0019 (J)	
9/30/2015	0.0037 (J)	
3/24/2016	<0.01	
9/8/2016	0.0024 (J)	
3/27/2017	<0.01	
10/5/2017	<0.01	
3/16/2018	<0.01	
10/5/2018	0.0029 (J)	
4/9/2019	0.0037 (J)	
10/1/2019	0.006 (J)	
3/30/2020	<0.01	
9/24/2020	<0.01	
3/9/2021	<0.01	
8/10/2021	<0.01	
2/4/2022	<0.01	
8/9/2022	<0.01	
1/31/2023	<0.01	
8/15/2023	<0.01	
2/20/2024		<0.01
8/12/2024		<0.01
2/12/2025		<0.01
8/10/2025		<0.01

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-19	GWC-19
3/6/2007	<0.01	
5/9/2007	0.0025	
7/17/2007	0.0035	
8/28/2007	<0.01	
11/7/2007	<0.01	
5/7/2008	<0.01	
12/4/2008	<0.01	
4/14/2009	<0.01	
10/2/2009	<0.01	
4/13/2010	0.0043	
10/12/2010	<0.01	
4/6/2011	<0.01	
10/12/2011	<0.01	
4/5/2012	<0.01	
9/25/2012	<0.01	
3/13/2013	<0.01	
9/11/2013	<0.01	
3/10/2014	0.0031	
9/9/2014	0.00098 (J)	
4/22/2015	0.0015 (J)	
9/30/2015	0.002 (J)	
3/24/2016	<0.01	
9/8/2016	0.0029 (J)	
3/27/2017	0.0019 (J)	
10/5/2017	0.0024 (J)	
3/15/2018	<0.01	
10/4/2018	0.013	
4/9/2019	<0.01	
10/1/2019	0.0049 (J)	
3/31/2020	<0.01	
9/28/2020	0.0033 (J)	
3/10/2021	<0.01	
8/10/2021	<0.01	
2/7/2022	<0.01	
8/9/2022	<0.01	
1/31/2023	<0.01	
8/15/2023	<0.01	
2/20/2024		<0.01
8/12/2024		<0.01
2/11/2025		<0.01
8/10/2025		<0.01

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-20	GWC-20
3/7/2007	<0.01	
5/9/2007	<0.01	
7/17/2007	<0.01	
8/29/2007	<0.01	
11/7/2007	<0.01	
5/7/2008	<0.01	
12/5/2008	<0.01	
4/14/2009	<0.01	
9/30/2009	<0.01	
4/13/2010	<0.01	
10/12/2010	<0.01	
10/12/2011	<0.01	
4/9/2012	<0.01	
9/25/2012	<0.01	
3/13/2013	<0.01	
9/11/2013	<0.01	
3/10/2014	0.0024 (J)	
9/9/2014	0.00078 (J)	
4/23/2015	<0.01	
9/30/2015	0.0016 (J)	
3/23/2016	<0.01	
9/8/2016	<0.01	
3/27/2017	0.0017 (J)	
10/5/2017	0.0016 (J)	
3/16/2018	<0.01	
10/5/2018	<0.01	
4/9/2019	<0.01	
10/1/2019	0.0063 (J)	
3/31/2020	<0.01	
9/23/2020	<0.01	
3/10/2021	<0.01	
8/10/2021	<0.01	
2/7/2022	<0.01	
8/9/2022	<0.01	
1/31/2023	<0.01	
8/15/2023	<0.01	
2/20/2024		<0.01
8/11/2024		<0.01
2/11/2025		<0.01
8/10/2025		<0.01

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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)
8/9/2025		0.0033 (J)

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-22	GWC-22
3/6/2007	<0.01	
5/9/2007	0.0035	
7/17/2007	<0.01	
8/29/2007	<0.01	
11/7/2007	<0.01	
5/7/2008	<0.01	
12/5/2008	<0.01	
4/14/2009	<0.01	
9/30/2009	<0.01	
4/13/2010	<0.01	
10/12/2010	<0.01	
4/6/2011	<0.01	
10/5/2011	<0.01	
4/9/2012	<0.01	
9/25/2012	<0.01	
3/13/2013	<0.01	
9/11/2013	<0.01	
3/11/2014	0.0037	
9/9/2014	0.0006 (J)	
4/23/2015	<0.01	
9/30/2015	0.0021 (J)	
3/23/2016	<0.01	
9/8/2016	<0.01	
3/27/2017	<0.01	
10/5/2017	<0.01	
3/15/2018	<0.01	
10/4/2018	0.003 (J)	
4/9/2019	<0.01	
10/1/2019	0.0054 (J)	
3/31/2020	<0.01	
9/23/2020	<0.01	
3/9/2021	<0.01	
8/10/2021	<0.01	
2/7/2022	<0.01	
8/9/2022	<0.01	
1/31/2023	<0.01	
8/15/2023	<0.01	
2/20/2024		<0.01
8/11/2024		<0.01
2/11/2025		<0.01
8/9/2025		<0.01

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

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/8/2026 12:42 PM View: Mann Whitney

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)
8/10/2025		<0.01

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

FIGURE E.

Seasonality Summary Table - Significant Results

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 4/6/2026, 2:41 PM

Constituent	Well	Sig.	K.-W.	Chi-Sq.	df	N	Alpha
Barium (mg/L)	**GWC-10**	**Yes**	**17.25**	**3.841**	**1**	**49**	**0.05**
Boron (mg/L)	**GWC-5**	**Yes**	**16.21**	**3.841**	**1**	**25**	**0.05**
Boron (mg/L)	**GWC-10**	**Yes**	**7.871**	**3.841**	**1**	**25**	**0.05**
Boron (mg/L)	**GWC-21**	**Yes**	**11.68**	**3.841**	**1**	**23**	**0.05**
Boron (mg/L)	**GWC-23**	**Yes**	**7.434**	**3.841**	**1**	**24**	**0.05**
Sulfate (mg/L)	**GWC-22**	**Yes**	**8.963**	**3.841**	**1**	**25**	**0.05**
Sulfate (mg/L)	**GWC-23**	**Yes**	**5.271**	**3.841**	**1**	**23**	**0.05**

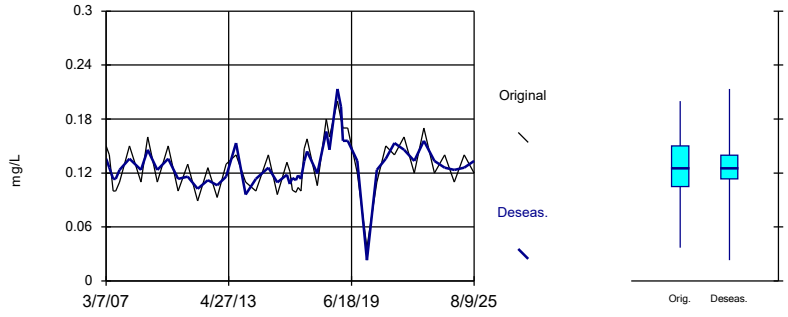
Seasonality Summary Table - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 4/6/2026, 2:41 PM

Constituent	Well	Sig.	K.-W.	Chi-Sq.	df	N	Alpha
Barium (mg/L)	**GWC-10**	**Yes**	**17.25**	**3.841**	**1**	**49**	**0.05**
Boron (mg/L)	**GWC-5**	**Yes**	**16.21**	**3.841**	**1**	**25**	**0.05**
Boron (mg/L)	**GWC-10**	**Yes**	**7.871**	**3.841**	**1**	**25**	**0.05**
Boron (mg/L)	**GWC-21**	**Yes**	**11.68**	**3.841**	**1**	**23**	**0.05**
Boron (mg/L)	**GWC-23**	**Yes**	**7.434**	**3.841**	**1**	**24**	**0.05**
Calcium (mg/L)	GWC-21	No	3.481	3.841	1	28	0.05
Nickel (mg/L)	GWC-7	No	0.6259	3.841	1	36	0.05
Sulfate (mg/L)	**GWC-22**	**Yes**	**8.963**	**3.841**	**1**	**25**	**0.05**
Sulfate (mg/L)	**GWC-23**	**Yes**	**5.271**	**3.841**	**1**	**23**	**0.05**
TDS (mg/L)	GWC-23	No	2.844	3.841	1	25	0.05

Seasonality: GWC-10

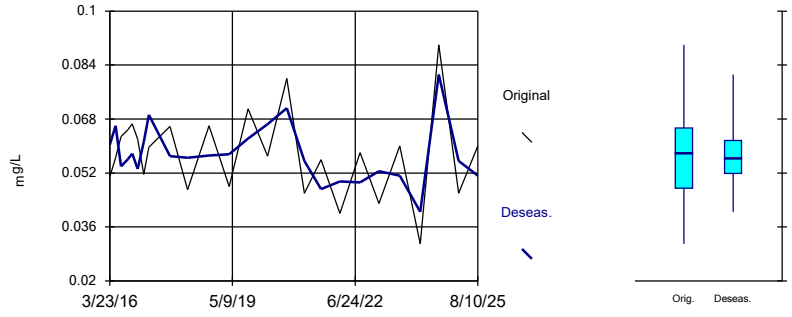
For the selected data, the Kruskal-Wallis test indicates SEASONALITYat the 5% significance level. Because the calculated Kruskal-Wallis statistic is greater than the Chi-squared value, we conclude that at least one season has a significantly different median concentration of this constituent than any other season.
Calculated Kruskal-Wallis statistic = 17.25
Tabulated Chi-Squared value = 3.841 with 1 degrees of freedom at the 5% significance level.
There were 9 groups of ties in the data, consequently the Kruskal-Wallis statistic (H) was adjusted. The adjusted statistic (H') was utilized to determine if the medians were equal.
Kruskal-Wallis statistic (H) = 17.14
Adjusted Kruskal-Wallis statistic (H') = 17.25



Constituent: Barium Analysis Run 4/6/2026 2:39 PM View: Seasonality Testing
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Seasonality: GWC-5

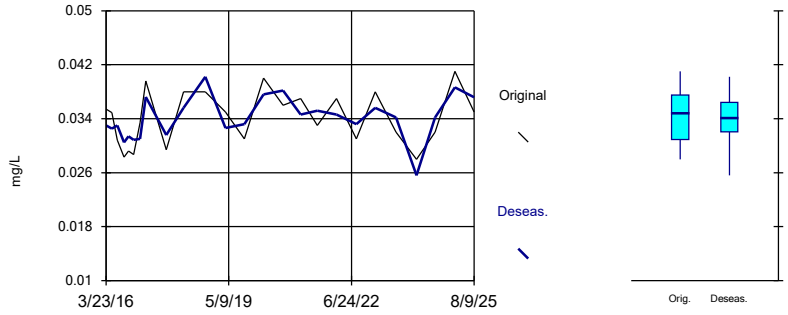
For the selected data, the Kruskal-Wallis test indicates SEASONALITYat the 5% significance level. Because the calculated Kruskal-Wallis statistic is greater than the Chi-squared value, we conclude that at least one season has a significantly different median concentration of this constituent than any other season.
Calculated Kruskal-Wallis statistic = 16.21
Tabulated Chi-Squared value = 3.841 with 1 degrees of freedom at the 5% significance level.
There were 2 groups of ties in the data, consequently the Kruskal-Wallis statistic (H) was adjusted. The adjusted statistic (H') was utilized to determine if the medians were equal.
Kruskal-Wallis statistic (H) = 16.2
Adjusted Kruskal-Wallis statistic (H') = 16.21



Constituent: Boron Analysis Run 4/6/2026 2:39 PM View: Seasonality Testing
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Seasonality: GWC-10

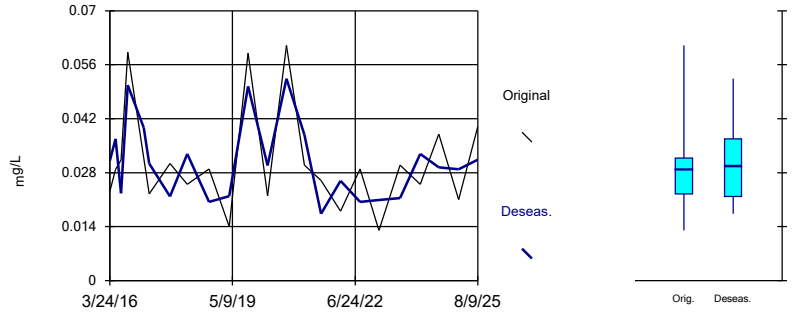
For the selected data, the Kruskal-Wallis test indicates SEASONALITYat the 5% significance level. Because the calculated Kruskal-Wallis statistic is greater than the Chi-squared value, we conclude that at least one season has a significantly different median concentration of this constituent than any other season.
Calculated Kruskal-Wallis statistic = 7.871
Tabulated Chi-Squared value = 3.841 with 1 degrees of freedom at the 5% significance level.
There were 5 groups of ties in the data, consequently the Kruskal-Wallis statistic (H) was adjusted. The adjusted statistic (H') was utilized to determine if the medians were equal.
Kruskal-Wallis statistic (H) = 7.847
Adjusted Kruskal-Wallis statistic (H') = 7.871



Constituent: Boron Analysis Run 4/6/2026 2:39 PM View: Seasonality Testing
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Seasonality: GWC-21

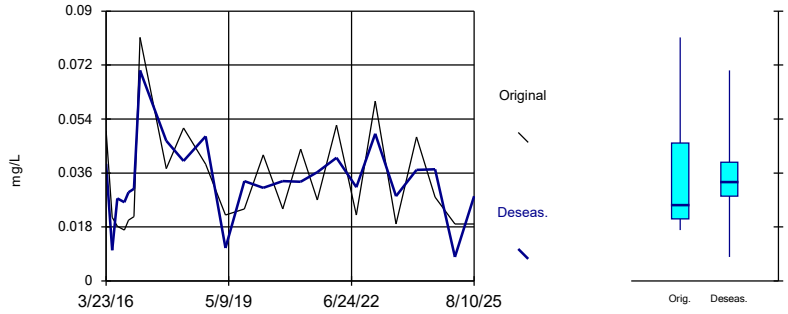
For the selected data, the Kruskal-Wallis test indicates SEASONALITYat the 5% significance level. Because the calculated Kruskal-Wallis statistic is greater than the Chi-squared value, we conclude that at least one season has a significantly different median concentration of this constituent than any other season.
Calculated Kruskal-Wallis statistic = 11.68
Tabulated Chi-Squared value = 3.841 with 1 degrees of freedom at the 5% significance level.
There were 3 groups of ties in the data, consequently the Kruskal-Wallis statistic (H) was adjusted. The adjusted statistic (H') was utilized to determine if the medians were equal.
Kruskal-Wallis statistic (H) = 11.67
Adjusted Kruskal-Wallis statistic (H') = 11.68



Constituent: Boron Analysis Run 4/6/2026 2:39 PM View: Seasonality Testing
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Seasonality: GWC-23

For the selected data, the Kruskal-Wallis test indicates SEASONALITYat the 5% significance level. Because the calculated Kruskal-Wallis statistic is greater than the Chi-squared value, we conclude that at least one season has a significantly different median concentration of this constituent than any other season.
Calculated Kruskal-Wallis statistic = 7.434
Tabulated Chi-Squared value = 3.841 with 1 degrees of freedom at the 5% significance level.
There were 3 groups of ties in the data, consequently the Kruskal-Wallis statistic (H) was adjusted. The adjusted statistic (H') was utilized to determine if the medians were equal.
Kruskal-Wallis statistic (H) = 7.415
Adjusted Kruskal-Wallis statistic (H') = 7.434



Constituent: Boron Analysis Run 4/6/2026 2:39 PM View: Seasonality Testing
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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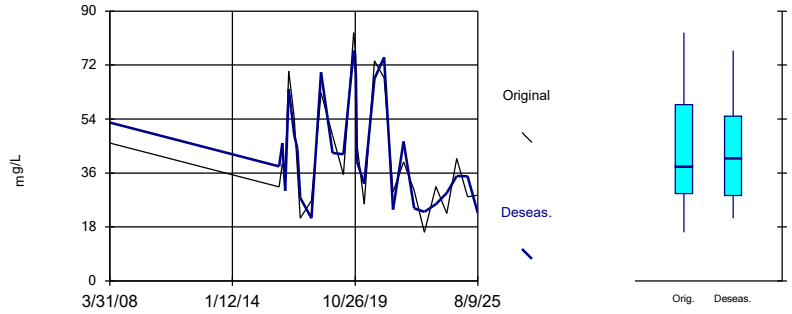
Seasonality: GWC-21

For the selected data, the Kruskal-Wallis test indicates NO SEASONALITYat the 5% significance level. Because the calculated Kruskal-Wallis statistic is less than or equal to the Chi-squared value, we conclude that no season has a significantly different median concentration of this constituent than any other season.
Calculated Kruskal-Wallis statistic = 3.481
Tabulated Chi-Squared value = 3.841 with 1 degrees of freedom at the 5% significance level.
There were 0 groups of ties in the data, so no adjustment to the Kruskal-Wallis statistic (H) was necessary.



Constituent: Calcium Analysis Run 4/6/2026 2:39 PM View: Seasonality Testing
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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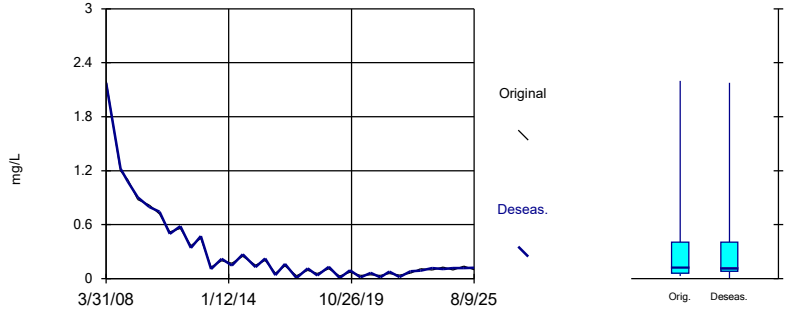
Seasonality: GWC-7

For the selected data, the Kruskal-Wallis test indicates NO SEASONALITYat the 5% significance level. Because the calculated Kruskal-Wallis statistic is less than or equal to the Chi-squared value, we conclude that no season has a significantly different median concentration of this constituent than any other season.
Calculated Kruskal-Wallis statistic = 0.6259
Tabulated Chi-Squared value = 3.841 with 1 degrees of freedom at the 5% significance level.
There were 4 groups of ties in the data, consequently the Kruskal-Wallis statistic (H) was adjusted. The adjusted statistic (H') was utilized to determine if the medians were equal.
Kruskal-Wallis statistic (H) = 0.6256
Adjusted Kruskal-Wallis statistic (H') = 0.6259



Constituent: Nickel Analysis Run 4/6/2026 2:39 PM View: Seasonality Testing
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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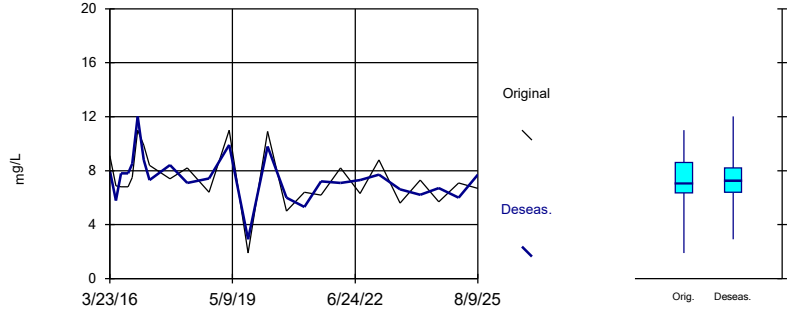
Seasonality: GWC-22

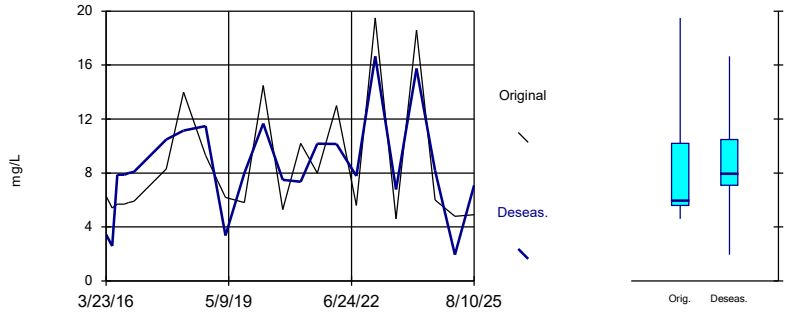
For the selected data, the Kruskal-Wallis test indicates SEASONALITYat the 5% significance level. Because the calculated Kruskal-Wallis statistic is greater than the Chi-squared value, we conclude that at least one season has a significantly different median concentration of this constituent than any other season.
Calculated Kruskal-Wallis statistic = 8.963
Tabulated Chi-Squared value = 3.841 with 1 degrees of freedom at the 5% significance level.
There were 4 groups of ties in the data, consequently the Kruskal-Wallis statistic (H) was adjusted. The adjusted statistic (H') was utilized to determine if the medians were equal.
Kruskal-Wallis statistic (H) = 8.95
Adjusted Kruskal-Wallis statistic (H') = 8.963



Constituent: Sulfate Analysis Run 4/6/2026 2:39 PM View: Seasonality Testing
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Seasonality: GWC-23

For the selected data, the Kruskal-Wallis test indicates SEASONALITYat the 5% significance level. Because the calculated Kruskal-Wallis statistic is greater than the Chi-squared value, we conclude that at least one season has a significantly different median concentration of this constituent than any other season.
Calculated Kruskal-Wallis statistic = 5.271
Tabulated Chi-Squared value = 3.841 with 1 degrees of freedom at the 5% significance level.
There were 2 groups of ties in the data, consequently the Kruskal-Wallis statistic (H) was adjusted. The adjusted statistic (H') was utilized to determine if the medians were equal.
Kruskal-Wallis statistic (H) = 5.265
Adjusted Kruskal-Wallis statistic (H') = 5.271

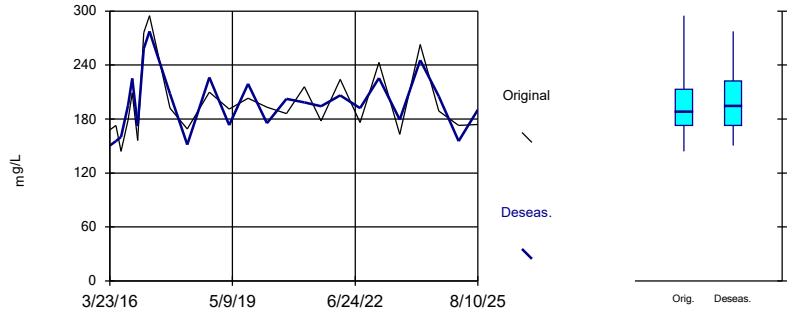


Constituent: Sulfate Analysis Run 4/6/2026 2:39 PM View: Seasonality Testing
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG Season cut dates: 1/1, 7/1

Seasonality: GWC-23

For the selected data, the Kruskal-Wallis test indicates NO SEASONALITYat the 5% significance level. Because the calculated Kruskal-Wallis statistic is less than or equal to the Chi-squared value, we conclude that no season has a significantly different median concentration of this constituent than any other season.
Calculated Kruskal-Wallis statistic = 2.844
Tabulated Chi-Squared value = 3.841 with 1 degrees of freedom at the 5% significance level.
There were 1 groups of ties in the data, consequently the Kruskal-Wallis statistic (H) was adjusted. The adjusted statistic (H') was utilized to determine if the medians were equal.
Kruskal-Wallis statistic (H) = 2.843
Adjusted Kruskal-Wallis statistic (H') = 2.844



Constituent: TDS Analysis Run 4/6/2026 2:39 PM View: Seasonality Testing
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Seasonality

Constituent: Barium (mg/L) Analysis Run 4/6/2026 2:41 PM View: Seasonality Testing

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	Deseas.
3/7/2007	0.15	0.136
5/8/2007	0.14	0.126
7/17/2007	0.1	0.1135
8/28/2007	0.1	0.1135
11/7/2007	0.11	0.1235
5/9/2008	0.15	0.136
12/2/2008	0.11	0.1235
4/8/2009	0.16	0.146
10/1/2009	0.11	0.1235
4/14/2010	0.15	0.136
10/13/2010	0.1	0.1135
4/6/2011	0.13	0.116
10/4/2011	0.089	0.1025
4/10/2012	0.126	0.112
9/26/2012	0.093	0.1065
3/12/2013	0.13	0.116
9/10/2013	0.14	0.1535
3/4/2014	0.11	0.09598
9/3/2014	0.1	0.1135
4/21/2015	0.14	0.126
9/30/2015	0.096	0.1095
3/23/2016	0.132	0.118
5/17/2016	0.122	0.108
7/6/2016	0.101	0.1145
9/7/2016	0.0985	0.112
10/18/2016	0.104	0.1175
12/6/2016	0.1	0.1135
2/2/2017	0.147	0.133
3/27/2017	0.158	0.144
10/5/2017	0.106	0.1195
3/15/2018	0.18	0.166
5/15/2018	0.16	0.146
10/4/2018	0.2	0.2135
12/11/2018	0.18	0.1935
1/11/2019	0.17	0.156
4/9/2019	0.17	0.156
10/1/2019	0.12	0.1335
3/27/2020	0.037	0.02298
9/25/2020	0.11	0.1235
3/9/2021	0.15	0.136
8/10/2021	0.14	0.1535
2/4/2022	0.16	0.146
8/9/2022	0.12	0.1335
1/30/2023	0.17	0.156
8/14/2023	0.12	0.1335
2/19/2024	0.14	0.126
8/11/2024	0.11	0.1235
2/11/2025	0.14	0.126
8/9/2025	0.12	0.1335

Seasonality

Constituent: Boron (mg/L) Analysis Run 4/6/2026 2:41 PM View: Seasonality Testing

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-5	Deseas.
3/23/2016	0.0509 (J)	0.06043 (J)
5/17/2016	0.0565 (J)	0.06603 (J)
7/6/2016	0.0628 (J)	0.054 (J)
9/7/2016	0.0648 (J)	0.056 (J)
10/18/2016	0.0666 (J)	0.0578 (J)
12/8/2016	0.062	0.0532
2/1/2017	0.0516	0.06113
3/23/2017	0.0597	0.06923
10/4/2017	0.0658	0.057
3/16/2018	0.047	0.05653
10/4/2018	0.066	0.0572
4/9/2019	0.048	0.05753
10/1/2019	0.071	0.0622
3/31/2020	0.057 (J)	0.06653 (J)
9/25/2020	0.08 (J)	0.0712 (J)
3/9/2021	0.046	0.05553
8/10/2021	0.056	0.0472
2/4/2022	0.04	0.04953
8/9/2022	0.058	0.0492
1/31/2023	0.043	0.05253
8/15/2023	0.06	0.0512
2/20/2024	0.031 (J)	0.04053 (J)
8/12/2024	0.09	0.0812
2/11/2025	0.046	0.05553
8/10/2025	0.06	0.0512

Seasonality

Constituent: Boron (mg/L) Analysis Run 4/6/2026 2:41 PM View: Seasonality Testing

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	Deseas.
3/23/2016	0.0354 (J)	0.03303 (J)
5/17/2016	0.0349 (J)	0.03253 (J)
7/6/2016	0.0308 (J)	0.03299 (J)
9/7/2016	0.0283 (J)	0.03049 (J)
10/18/2016	0.0292 (J)	0.03139 (J)
12/6/2016	0.0287 (J)	0.03089 (J)
2/2/2017	0.0334 (J)	0.03103 (J)
3/27/2017	0.0396 (J)	0.03723 (J)
10/5/2017	0.0294 (J)	0.03159 (J)
3/15/2018	0.038 (J)	0.03563 (J)
10/4/2018	0.038 (J)	0.04019 (J)
4/9/2019	0.035 (J)	0.03263 (J)
10/1/2019	0.031 (J)	0.03319 (J)
3/27/2020	0.04 (J)	0.03763 (J)
9/25/2020	0.036 (J)	0.03819 (J)
3/9/2021	0.037 (J)	0.03463 (J)
8/10/2021	0.033 (J)	0.03519 (J)
2/4/2022	0.037 (J)	0.03463 (J)
8/9/2022	0.031 (J)	0.03319 (J)
1/30/2023	0.038 (J)	0.03563 (J)
8/14/2023	0.032 (J)	0.03419 (J)
2/19/2024	0.028 (J)	0.02563 (J)
8/11/2024	0.032 (J)	0.03419 (J)
2/11/2025	0.041	0.03863
8/9/2025	0.035 (J)	0.03719 (J)

Seasonality

Constituent: Boron (mg/L) Analysis Run 4/6/2026 2:41 PM View: Seasonality Testing

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-21	Deseas.
3/24/2016	0.0232 (J)	0.03109 (J)
5/18/2016	0.0289 (J)	0.03679 (J)
7/7/2016	0.0313 (J)	0.02269 (J)
9/8/2016	0.0593 (J)	0.05069 (J)
10/19/2016	0.087 (Jo)	
12/7/2016	0.127 (o)	
2/2/2017	0.0318 (J)	0.03969 (J)
3/27/2017	0.0225 (J)	0.03039 (J)
10/5/2017	0.0304 (J)	0.02179 (J)
3/15/2018	0.025 (J)	0.03289 (J)
10/4/2018	0.029 (J)	0.02039 (J)
4/9/2019	0.014 (J)	0.02189 (J)
10/1/2019	0.059	0.05039
3/31/2020	0.022 (J)	0.02989 (J)
9/24/2020	0.061 (J)	0.05239 (J)
3/9/2021	0.03 (J)	0.03789 (J)
8/10/2021	0.026 (J)	0.01739 (J)
2/7/2022	0.018 (J)	0.02589 (J)
8/9/2022	0.029 (J)	0.02039 (J)
1/31/2023	0.013 (J)	0.02089 (J)
8/15/2023	0.03 (J)	0.02139 (J)
2/20/2024	0.025 (J)	0.03289 (J)
8/11/2024	0.038 (J)	0.02939 (J)
2/11/2025	0.021 (J)	0.02889 (J)
8/9/2025	0.04	0.03139

Seasonality

Constituent: Boron (mg/L) Analysis Run 4/6/2026 2:41 PM View: Seasonality Testing

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-23	Deseas.
3/23/2016	<0.1	0.03904
5/19/2016	0.0212 (J)	0.01024 (J)
7/7/2016	0.0183 (J)	0.02757 (J)
9/8/2016	0.017 (J)	0.02627 (J)
10/19/2016	0.0203 (J)	0.02957 (J)
12/7/2016	0.0215 (J)	0.03077 (J)
2/3/2017	0.0812	0.07024
3/27/2017	0.125 (o)	
10/5/2017	0.0375 (J)	0.04677 (J)
3/15/2018	0.051	0.04004
10/5/2018	0.039 (J)	0.04827 (J)
4/8/2019	0.022 (J)	0.01104 (J)
10/1/2019	0.024 (J)	0.03327 (J)
3/26/2020	0.042 (J)	0.03104 (J)
9/23/2020	0.024 (J)	0.03327 (J)
3/9/2021	0.044	0.03304
8/10/2021	0.027 (J)	0.03627 (J)
2/7/2022	0.052	0.04104
8/8/2022	0.022 (J)	0.03127 (J)
1/31/2023	0.06	0.04904
8/14/2023	0.019 (J)	0.02827 (J)
2/20/2024	0.048	0.03704
8/12/2024	0.028 (J)	0.03727 (J)
2/12/2025	0.019 (J)	0.008043 (J)
8/10/2025	0.019 (J)	0.02827 (J)

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

Seasonality

Constituent: Calcium (mg/L) Analysis Run 4/6/2026 2:41 PM View: Seasonality Testing

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-21	Deseas.
3/31/2008	46	52.83
3/24/2016	31.4	38.23
5/18/2016	39.2	46.03
7/7/2016	36	30.08
9/8/2016	70	64.08
10/19/2016	63	57.08
12/7/2016	54.7	48.78
2/2/2017	37.4	44.23
3/27/2017	20.9	27.73
10/5/2017	26.8	20.88
3/15/2018	62.8	69.63
10/4/2018	48.6	42.68
4/9/2019	35.4	42.23
10/1/2019	82.8	76.88
11/6/2019	74.9	68.98
11/26/2019	45.8	39.88
3/31/2020	25.6	32.43
9/24/2020	73.4	67.48
3/9/2021	67.8	74.63
8/10/2021	29.7	23.78
2/7/2022	39.7	46.53
8/9/2022	30.2	24.28
1/31/2023	16.2	23.03
8/15/2023	31.5	25.58
2/20/2024	22.5	29.33
8/11/2024	40.9	34.98
2/11/2025	28.1	34.93
8/9/2025	28.6	22.68

Seasonality

Constituent: Nickel (mg/L) Analysis Run 4/6/2026 2:41 PM View: Seasonality Testing

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-7	Deseas.
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	2.178
5/8/2008	2.1 (O)	
12/2/2008	1.2	1.222
4/8/2009	1.1	1.078
10/1/2009	0.88	0.9022
4/13/2010	0.82	0.7978
10/7/2010	0.72	0.7422
4/5/2011	0.52	0.4978
10/4/2011	0.56	0.5822
4/3/2012	0.365	0.3428
9/18/2012	0.45	0.4722
3/12/2013	0.13	0.1078
9/10/2013	0.2	0.2222
3/5/2014	0.17	0.1478
9/8/2014	0.25	0.2722
4/21/2015	0.15	0.1278
9/29/2015	0.203	0.2252
3/23/2016	0.0607	0.03853
9/7/2016	0.141	0.1632
3/24/2017	0.0313	0.009133
10/4/2017	0.093	0.1152
3/15/2018	0.057	0.03483
10/4/2018	0.11	0.1322
4/8/2019	0.03	0.007833
10/1/2019	0.07	0.09217
3/30/2020	0.037	0.01483
9/24/2020	0.042	0.06417
3/9/2021	0.035	0.01283
8/10/2021	0.057	0.07917
2/4/2022	0.039	0.01683
8/10/2022	0.061	0.08317
1/31/2023	0.11	0.08783
8/15/2023	0.095	0.1172
2/21/2024	0.13	0.1078
8/11/2024	0.095	0.1172
2/12/2025	0.14	0.1178
8/9/2025	0.1	0.1222

Seasonality

Constituent: Sulfate (mg/L) Analysis Run 4/6/2026 2:41 PM View: Seasonality Testing

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-22	Deseas.
3/23/2016	9.1183	8.021707
5/18/2016	6.88	5.783407
7/7/2016	6.8	7.812
9/8/2016	6.8	7.812
10/19/2016	7.5	8.512
12/7/2016	11	12.01
2/2/2017	9.9	8.803407
3/27/2017	8.4	7.303407
10/5/2017	7.4	8.412
3/15/2018	8.2	7.103407
10/4/2018	6.4	7.412
4/9/2019	11	9.903407
10/1/2019	1.9	2.912
3/31/2020	10.9	9.803407
9/23/2020	5	6.012
3/9/2021	6.4	5.303407
8/10/2021	6.2	7.212
2/7/2022	8.2	7.103407
8/9/2022	6.3	7.312
1/31/2023	8.8	7.703407
8/15/2023	5.6	6.612
2/20/2024	7.3	6.203407
8/11/2024	5.7	6.712
2/11/2025	7.1	6.003407
8/9/2025	6.7	7.712

Seasonality

Constituent: Sulfate (mg/L) Analysis Run 4/6/2026 2:41 PM View: Seasonality Testing

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-23	Deseas.
3/23/2016	6.2867	3.445
5/19/2016	5.42	2.578
7/7/2016	5.7	7.886
9/8/2016	5.7	7.886
10/19/2016	5.8	7.986
12/7/2016	5.9	8.086
2/3/2017	38 (o)	
3/27/2017	43 (o)	
10/5/2017	8.3	10.49
3/15/2018	14	11.16
10/5/2018	9.3	11.49
4/8/2019	6.2	3.358
10/1/2019	5.8	7.986
3/26/2020	14.5	11.66
9/23/2020	5.3	7.486
3/9/2021	10.2	7.358
8/10/2021	8	10.19
2/7/2022	13	10.16
8/8/2022	5.6	7.786
1/31/2023	19.5	16.66
8/14/2023	4.6	6.786
2/20/2024	18.6	15.76
8/12/2024	6	8.186
2/12/2025	4.8	1.958
8/10/2025	4.9	7.086

Seasonality

Constituent: TDS (mg/L) Analysis Run 4/6/2026 2:41 PM View: Seasonality Testing

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-23	Deseas.
3/23/2016	168	150.4
5/19/2016	173	155.4
7/7/2016	144	160.3
9/8/2016	179	195.3
10/19/2016	209	225.3
12/7/2016	156	172.3
2/3/2017	276	258.4
3/27/2017	295	277.4
10/5/2017	192	208.3
3/15/2018	169	151.4
10/5/2018	210	226.3
4/8/2019	191	173.4
10/1/2019	203	219.3
3/26/2020	193	175.4
9/23/2020	186	202.3
3/9/2021	216	198.4
8/10/2021	178	194.3
2/7/2022	224	206.4
8/8/2022	176	192.3
1/31/2023	243	225.4
8/14/2023	163	179.3
2/20/2024	263	245.4
8/12/2024	189	205.3
2/12/2025	173	155.4
8/10/2025	174	190.3

FIGURE F.

Appendix I Intrawell Prediction Limits - Significant Results

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 4/8/2026, 1:01 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Barium (mg/L)	**GWA-2**	**0.2085**	**n/a**	**2/8/2026**	**0.21**	**Yes**	**37**	**0**	**No**	**0.0002926**	**Param Intra 1 of 2**

Appendix I Intrawell Prediction Limits - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 4/8/2026, 1:01 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Antimony (mg/L)	GWA-1	0.0028	n/a	2/8/2026	0.002ND	No	46	93.48	n/a	0.0009151	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-2	0.0023	n/a	2/8/2026	0.002ND	No	46	93.48	n/a	0.0009151	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-3	0.002	n/a	2/8/2026	0.002ND	No	46	97.83	n/a	0.0009151	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-4	0.002	n/a	2/7/2026	0.002ND	No	46	95.65	n/a	0.0009151	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-11	0.002	n/a	2/8/2026	0.002ND	No	46	95.65	n/a	0.0009151	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-5	0.002	n/a	2/8/2026	0.002ND	No	46	95.65	n/a	0.0009151	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-6	0.002	n/a	2/9/2026	0.002ND	No	46	97.83	n/a	0.0009151	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-7	0.002	n/a	2/9/2026	0.002ND	No	46	93.48	n/a	0.0009151	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-8	0.002	n/a	2/9/2026	0.002ND	No	45	95.56	n/a	0.0009557	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-9	0.002	n/a	2/9/2026	0.002ND	No	46	95.65	n/a	0.0009151	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-10	0.002	n/a	2/8/2026	0.002ND	No	46	97.83	n/a	0.0009151	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-18	0.0028	n/a	2/10/2026	0.002ND	No	46	95.65	n/a	0.0009151	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-19	0.002	n/a	2/8/2026	0.002ND	No	46	97.83	n/a	0.0009151	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-22	0.002	n/a	2/9/2026	0.002ND	No	46	97.83	n/a	0.0009151	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-3	0.005	n/a	2/8/2026	0.002ND	No	46	71.74	n/a	0.0009151	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-4	0.0065	n/a	2/7/2026	0.00046J	No	46	86.96	n/a	0.0009151	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-11	0.002	n/a	2/8/2026	0.002ND	No	46	95.65	n/a	0.0009151	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-5	0.002	n/a	2/8/2026	0.002ND	No	46	95.65	n/a	0.0009151	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-7	0.01147	n/a	2/9/2026	0.0051	No	46	32.61	x^(1/3)	0.0002926	Param Intra 1 of 2
Arsenic (mg/L)	GWC-8	0.005	n/a	2/9/2026	0.0014J	No	46	73.91	n/a	0.0009151	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-9	0.002	n/a	2/9/2026	0.002ND	No	46	97.83	n/a	0.0009151	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-18	0.002	n/a	2/10/2026	0.002ND	No	46	93.48	n/a	0.0009151	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-21	0.0034	n/a	2/9/2026	0.002ND	No	45	82.22	n/a	0.0009557	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-23	0.002	n/a	2/9/2026	0.002ND	No	47	95.74	n/a	0.0008745	NP Intra (NDs) 1 of 2
Barium (mg/L)	GWA-1	0.04904	n/a	2/8/2026	0.04	No	46	0	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	**GWA-2**	**0.2085**	**n/a**	**2/8/2026**	**0.21**	**Yes**	**37**	**0**	**No**	**0.0002926**	**Param Intra 1 of 2**
Barium (mg/L)	GWA-3	0.2241	n/a	2/8/2026	0.075	No	46	0	x^2	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWA-4	0.05996	n/a	2/7/2026	0.057	No	37	0	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWA-11	0.0425	n/a	2/8/2026	0.032	No	46	0	n/a	0.0009151	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-5	0.1322	n/a	2/8/2026	0.068	No	46	0	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWC-6	0.2038	n/a	2/9/2026	0.14	No	37	0	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWC-7	0.395	n/a	2/9/2026	0.038	No	37	0	sqrt(x)	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWC-8	0.23	n/a	2/9/2026	0.13	No	49	0	n/a	0.0007934	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-9	0.07494	n/a	2/9/2026	0.071	No	36	0	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWC-18	0.09145	n/a	2/10/2026	0.087	No	46	0	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWC-19	0.1664	n/a	2/8/2026	0.16	No	37	0	x^5	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWC-20	0.1647	n/a	2/9/2026	0.15	No	46	0	No	0.0002926	Param Intra 1 of 2
Barium (mg/L)	GWC-21	0.19	n/a	2/9/2026	0.063	No	45	0	n/a	0.0009557	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-22	0.121	n/a	2/9/2026	0.092	No	37	0	n/a	0.001361	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-23	0.09785	n/a	2/9/2026	0.065	No	47	0	No	0.0002926	Param Intra 1 of 2
Beryllium (mg/L)	GWA-3	0.0004	n/a	2/8/2026	0.0004ND	No	46	97.83	n/a	0.0009151	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-7	0.002426	n/a	2/9/2026	0.00036J	No	35	31.43	ln(x)	0.0002926	Param Intra 1 of 2
Beryllium (mg/L)	GWC-19	0.0004	n/a	2/8/2026	0.0004ND	No	46	97.83	n/a	0.0009151	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-4	0.0005	n/a	2/7/2026	0.0005ND	No	46	97.83	n/a	0.0009151	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-5	0.0015	n/a	2/8/2026	0.0005ND	No	46	97.83	n/a	0.0009151	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-7	0.0035	n/a	2/9/2026	0.0005ND	No	44	88.64	n/a	0.0009963	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-8	0.0005	n/a	2/9/2026	0.0005ND	No	46	97.83	n/a	0.0009151	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-9	0.0005	n/a	2/9/2026	0.0005ND	No	46	95.65	n/a	0.0009151	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-10	0.0005	n/a	2/8/2026	0.0005ND	No	46	97.83	n/a	0.0009151	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-18	0.0005	n/a	2/10/2026	0.0005ND	No	46	97.83	n/a	0.0009151	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-20	0.0005	n/a	2/9/2026	0.0005ND	No	45	97.78	n/a	0.0009557	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-21	0.0005	n/a	2/9/2026	0.0005ND	No	45	95.56	n/a	0.0009557	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-23	0.0005	n/a	2/9/2026	0.0005ND	No	47	97.87	n/a	0.0008745	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-1	0.016	n/a	2/8/2026	0.00027J	No	46	95.65	n/a	0.0009151	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-2	0.005	n/a	2/8/2026	0.005ND	No	46	97.83	n/a	0.0009151	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-3	0.005	n/a	2/8/2026	0.00028J	No	46	95.65	n/a	0.0009151	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-4	0.005	n/a	2/7/2026	0.00038J	No	46	95.65	n/a	0.0009151	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-11	0.005	n/a	2/8/2026	0.005ND	No	46	91.3	n/a	0.0009151	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-5	0.005	n/a	2/8/2026	0.005ND	No	46	97.83	n/a	0.0009151	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-6	0.005	n/a	2/9/2026	0.005ND	No	46	97.83	n/a	0.0009151	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-7	0.005	n/a	2/9/2026	0.005ND	No	45	84.44	n/a	0.0009557	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-8	0.033	n/a	2/9/2026	0.005ND	No	46	89.13	n/a	0.0009151	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-9	0.005	n/a	2/9/2026	0.005ND	No	46	93.48	n/a	0.0009151	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-10	0.005	n/a	2/8/2026	0.005ND	No	46	89.13	n/a	0.0009151	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-18	0.005	n/a	2/10/2026	0.0003J	No	46	95.65	n/a	0.0009151	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 4/8/2026, 1:01 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Chromium (mg/L)	GWC-19	0.005	n/a	2/8/2026	0.005ND	No	46	93.48	n/a	0.0009151	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-20	0.0064	n/a	2/9/2026	0.005ND	No	45	93.33	n/a	0.0009557	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-21	0.005	n/a	2/9/2026	0.005ND	No	45	95.56	n/a	0.0009557	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-22	0.005	n/a	2/9/2026	0.005ND	No	46	91.3	n/a	0.0009151	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-23	0.0051	n/a	2/9/2026	0.00035J	No	47	95.74	n/a	0.0008745	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-1	0.005	n/a	2/8/2026	0.00062J	No	46	54.35	n/a	0.0009151	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-2	0.005	n/a	2/8/2026	0.005ND	No	46	97.83	n/a	0.0009151	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-3	0.005	n/a	2/8/2026	0.00034J	No	46	80.43	n/a	0.0009151	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-4	0.005	n/a	2/7/2026	0.00057J	No	46	67.39	n/a	0.0009151	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-11	0.005	n/a	2/8/2026	0.00069J	No	46	47.83	n/a	0.0009151	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWC-5	0.005	n/a	2/8/2026	0.00037J	No	46	82.61	n/a	0.0009151	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-6	0.005	n/a	2/9/2026	0.005ND	No	46	97.83	n/a	0.0009151	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-7	0.07259	n/a	2/9/2026	0.02	No	31	0	sqrt(x)	0.0002926	Param Intra 1 of 2
Cobalt (mg/L)	GWC-8	0.0079	n/a	2/9/2026	0.00058J	No	46	67.39	n/a	0.0009151	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-9	0.005	n/a	2/9/2026	0.00043J	No	46	82.61	n/a	0.0009151	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-10	0.005	n/a	2/8/2026	0.005ND	No	46	97.83	n/a	0.0009151	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-18	0.005	n/a	2/10/2026	0.00021J	No	46	100	n/a	0.0009151	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-20	0.005	n/a	2/9/2026	0.00036J	No	45	100	n/a	0.0009557	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-21	0.01	n/a	2/9/2026	0.0018J	No	45	44.44	n/a	0.0009557	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWC-23	0.005	n/a	2/9/2026	0.00014J	No	47	91.49	n/a	0.0008745	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-2	0.005	n/a	2/8/2026	0.005ND	No	41	92.68	n/a	0.001118	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-3	0.005	n/a	2/8/2026	0.005ND	No	41	92.68	n/a	0.001118	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-4	0.0066	n/a	2/7/2026	0.005ND	No	41	92.68	n/a	0.001118	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-11	0.005	n/a	2/8/2026	0.005ND	No	41	92.68	n/a	0.001118	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-5	0.005	n/a	2/8/2026	0.00094J	No	41	87.8	n/a	0.001118	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-6	0.005	n/a	2/9/2026	0.005ND	No	41	97.56	n/a	0.001118	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-7	0.016	n/a	2/9/2026	0.005ND	No	40	82.5	n/a	0.001159	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-8	0.015	n/a	2/9/2026	0.005ND	No	41	95.12	n/a	0.001118	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-9	0.005	n/a	2/9/2026	0.005ND	No	41	95.12	n/a	0.001118	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-10	0.005	n/a	2/8/2026	0.005ND	No	42	92.86	n/a	0.001077	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-18	0.005	n/a	2/10/2026	0.005ND	No	41	92.68	n/a	0.001118	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-19	0.005	n/a	2/8/2026	0.005ND	No	41	87.8	n/a	0.001118	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-20	0.005	n/a	2/9/2026	0.005ND	No	40	95	n/a	0.001159	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-21	0.005	n/a	2/9/2026	0.005ND	No	40	75	n/a	0.001159	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-22	0.005	n/a	2/9/2026	0.005ND	No	41	92.68	n/a	0.001118	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-23	0.0084	n/a	2/9/2026	0.005ND	No	42	78.57	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-3	0.001	n/a	2/8/2026	0.001ND	No	46	95.65	n/a	0.0009151	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-11	0.001	n/a	2/8/2026	0.001ND	No	46	97.83	n/a	0.0009151	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-5	0.001	n/a	2/8/2026	0.001ND	No	46	95.65	n/a	0.0009151	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-6	0.001	n/a	2/9/2026	0.001ND	No	46	97.83	n/a	0.0009151	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-7	0.0016	n/a	2/9/2026	0.001ND	No	46	80.43	n/a	0.0009151	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-8	0.001	n/a	2/9/2026	0.001ND	No	46	93.48	n/a	0.0009151	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-10	0.001	n/a	2/8/2026	0.001ND	No	46	97.83	n/a	0.0009151	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-18	0.001	n/a	2/10/2026	0.001ND	No	46	97.83	n/a	0.0009151	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-19	0.001	n/a	2/8/2026	0.001ND	No	46	93.48	n/a	0.0009151	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-20	0.001	n/a	2/9/2026	0.001ND	No	45	97.78	n/a	0.0009557	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-21	0.001	n/a	2/9/2026	0.001ND	No	45	91.11	n/a	0.0009557	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-22	0.001	n/a	2/9/2026	0.001ND	No	46	91.3	n/a	0.0009151	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-23	0.001	n/a	2/9/2026	0.001ND	No	47	87.23	n/a	0.0008745	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-1	0.005	n/a	2/8/2026	0.005ND	No	41	82.93	n/a	0.001118	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-2	0.005	n/a	2/8/2026	0.005ND	No	41	97.56	n/a	0.001118	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-3	0.005	n/a	2/8/2026	0.0011J	No	41	80.49	n/a	0.001118	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-4	0.0055	n/a	2/7/2026	0.0011J	No	41	58.54	n/a	0.001118	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-11	0.005	n/a	2/8/2026	0.0023J	No	41	46.34	n/a	0.001118	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWC-5	0.005	n/a	2/8/2026	0.00098J	No	41	82.93	n/a	0.001118	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-6	0.005	n/a	2/9/2026	0.005ND	No	41	92.68	n/a	0.001118	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-7	0.2475	n/a	2/9/2026	0.12	No	26	0	No	0.0002926	Param Intra 1 of 2
Nickel (mg/L)	GWC-8	0.016	n/a	2/9/2026	0.005ND	No	42	80.95	n/a	0.001077	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-9	0.005	n/a	2/9/2026	0.0024J	No	41	48.78	n/a	0.001118	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWC-10	0.005	n/a	2/8/2026	0.005ND	No	41	97.56	n/a	0.001118	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-18	0.005	n/a	2/10/2026	0.005ND	No	41	78.05	n/a	0.001118	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-19	0.0062	n/a	2/8/2026	0.005ND	No	41	92.68	n/a	0.001118	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-20	0.005	n/a	2/9/2026	0.005ND	No	40	95	n/a	0.001159	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-21	0.00991	n/a	2/9/2026	0.0045J	No	41	14.63	sqrt(x)	0.0002926	Param Intra 1 of 2
Nickel (mg/L)	GWC-22	0.005	n/a	2/9/2026	0.005ND	No	41	97.56	n/a	0.001118	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 4/8/2026, 1:01 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Nickel (mg/L)	GWC-23	0.005	n/a	2/9/2026	0.005ND	No	42	73.81	n/a	0.001077	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-4	0.005	n/a	2/7/2026	0.005ND	No	46	97.83	n/a	0.0009151	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-9	0.005	n/a	2/9/2026	0.005ND	No	46	97.83	n/a	0.0009151	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-10	0.005	n/a	2/8/2026	0.005ND	No	46	97.83	n/a	0.0009151	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-21	0.005	n/a	2/9/2026	0.005ND	No	45	95.56	n/a	0.0009557	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-22	0.005	n/a	2/9/2026	0.005ND	No	46	95.65	n/a	0.0009151	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-21	0.0036	n/a	2/9/2026	0.001ND	No	40	97.5	n/a	0.001159	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-1	0.0005	n/a	2/8/2026	0.0005ND	No	45	97.78	n/a	0.0009557	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-7	0.0005	n/a	2/9/2026	0.0005ND	No	45	97.78	n/a	0.0009557	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-1	0.005	n/a	2/8/2026	0.005ND	No	41	95.12	n/a	0.001118	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-4	0.005	n/a	2/7/2026	0.005ND	No	41	97.56	n/a	0.001118	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-5	0.005	n/a	2/8/2026	0.005ND	No	41	97.56	n/a	0.001118	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-7	0.005	n/a	2/9/2026	0.005ND	No	41	87.8	n/a	0.001118	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-8	0.034	n/a	2/9/2026	0.005ND	No	41	97.56	n/a	0.001118	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-9	0.005	n/a	2/9/2026	0.005ND	No	41	97.56	n/a	0.001118	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-21	0.005	n/a	2/9/2026	0.005ND	No	40	95	n/a	0.001159	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-23	0.005	n/a	2/9/2026	0.005ND	No	42	97.62	n/a	0.001077	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-1	0.01	n/a	2/8/2026	0.01ND	No	41	80.49	n/a	0.001118	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-2	0.01	n/a	2/8/2026	0.01ND	No	41	75.61	n/a	0.001118	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-3	0.02	n/a	2/8/2026	0.0023J	No	41	58.54	n/a	0.001118	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-4	0.01	n/a	2/7/2026	0.0024J	No	41	46.34	n/a	0.001118	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWA-11	0.01	n/a	2/8/2026	0.01ND	No	41	73.17	n/a	0.001118	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-5	0.01	n/a	2/8/2026	0.0029J	No	41	65.85	n/a	0.001118	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-6	0.01	n/a	2/9/2026	0.01ND	No	41	78.05	n/a	0.001118	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-7	0.4628	n/a	2/9/2026	0.22	No	25	0	No	0.0002926	Param Intra 1 of 2
Zinc (mg/L)	GWC-8	0.045	n/a	2/9/2026	0.0017J	No	41	75.61	n/a	0.001118	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-9	0.01	n/a	2/9/2026	0.002J	No	41	73.17	n/a	0.001118	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-10	0.01	n/a	2/8/2026	0.01ND	No	41	82.93	n/a	0.001118	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-18	0.01	n/a	2/10/2026	0.01ND	No	41	75.61	n/a	0.001118	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-19	0.013	n/a	2/8/2026	0.01ND	No	41	68.29	n/a	0.001118	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-20	0.01	n/a	2/9/2026	0.01ND	No	40	85	n/a	0.001159	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-21	0.0108	n/a	2/9/2026	0.0041J	No	40	22.5	n/a	0.001159	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-22	0.01	n/a	2/9/2026	0.01ND	No	41	85.37	n/a	0.001118	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-23	0.01	n/a	2/9/2026	0.0015J	No	42	59.52	n/a	0.001077	NP Intra (NDs) 1 of 2

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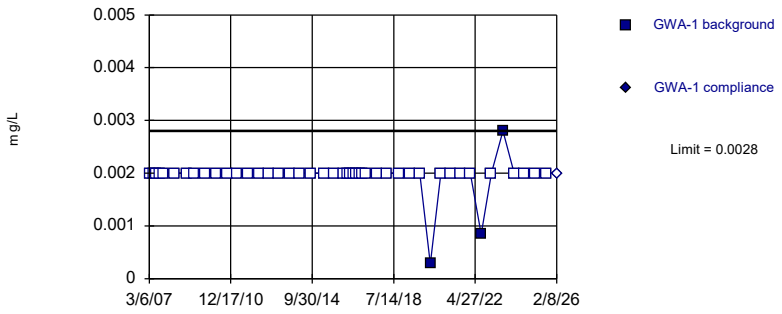
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



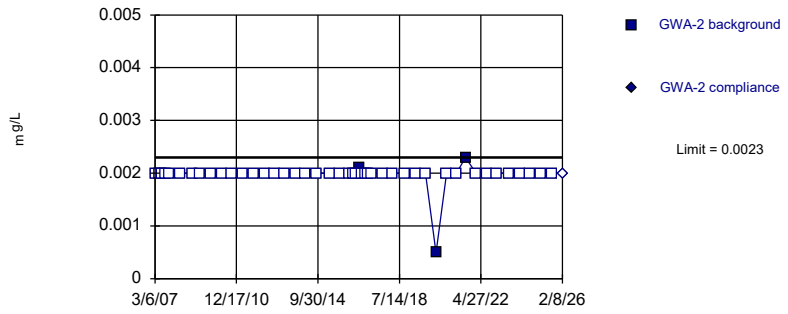
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 93.48% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Antimony Analysis Run 4/8/2026 12:54 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



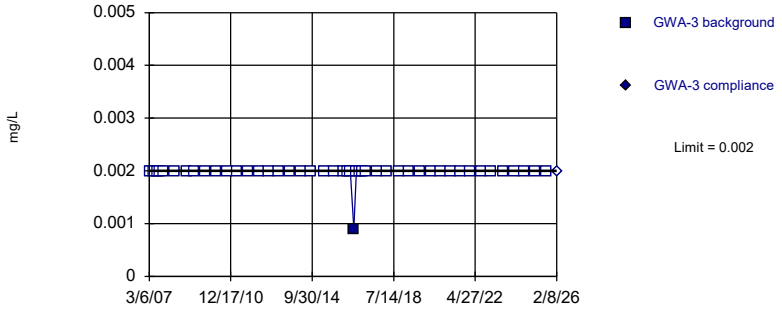
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 93.48% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Antimony Analysis Run 4/8/2026 12:54 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



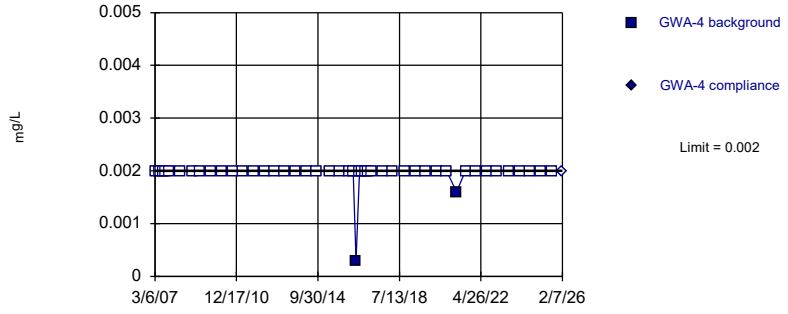
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 97.83% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Antimony Analysis Run 4/8/2026 12:54 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



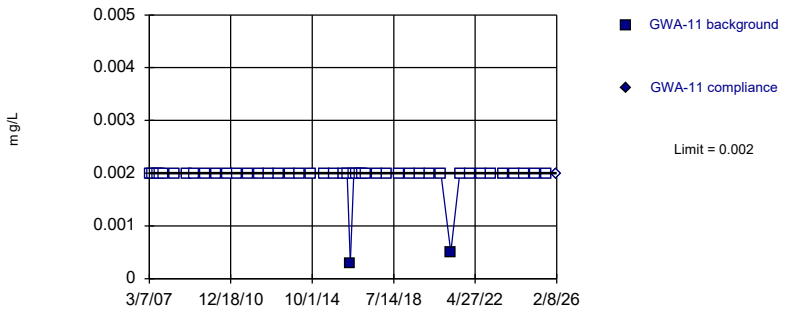
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Antimony Analysis Run 4/8/2026 12:54 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



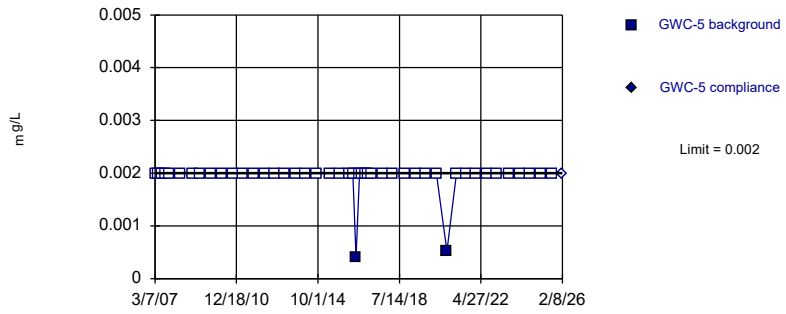
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Antimony Analysis Run 4/8/2026 12:54 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



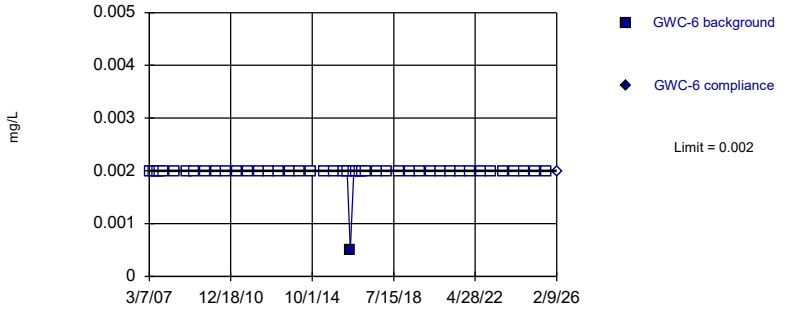
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Antimony Analysis Run 4/8/2026 12:54 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



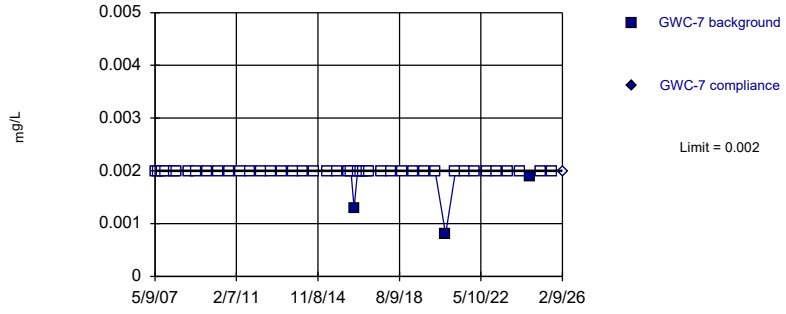
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 97.83% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Antimony Analysis Run 4/8/2026 12:54 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



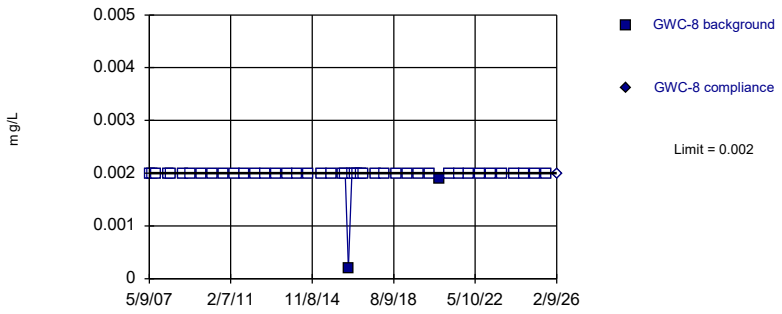
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 93.48% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Antimony Analysis Run 4/8/2026 12:54 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



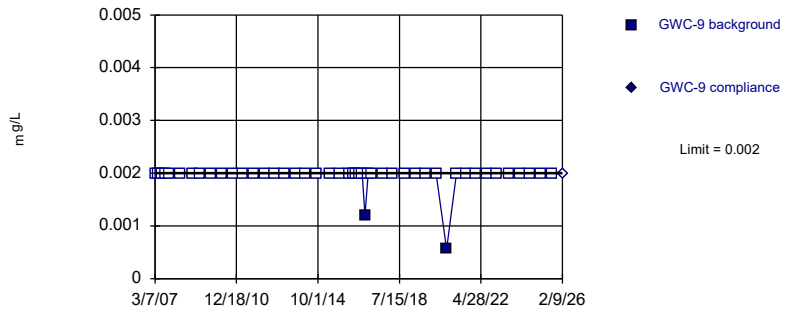
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 45 background values. 95.56% NDs. Well-constituent pair annual alpha = 0.001911. Individual comparison alpha = 0.0009557 (1 of 2).

Constituent: Antimony Analysis Run 4/8/2026 12:54 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



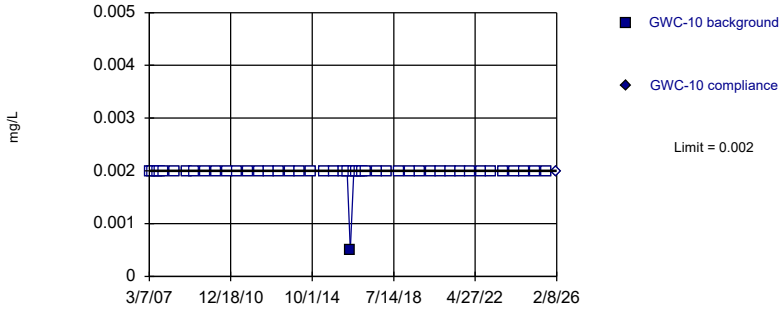
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Antimony Analysis Run 4/8/2026 12:54 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



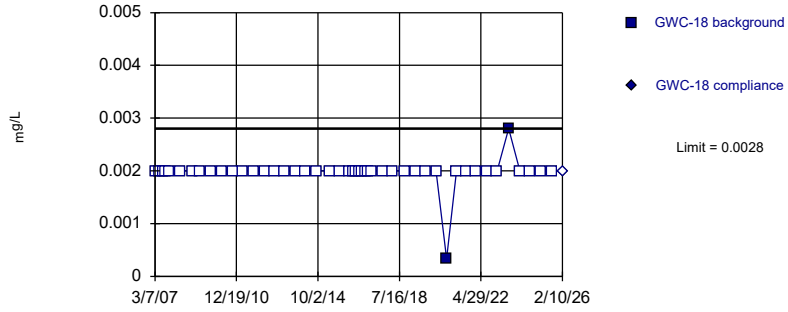
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 97.83% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Antimony Analysis Run 4/8/2026 12:54 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



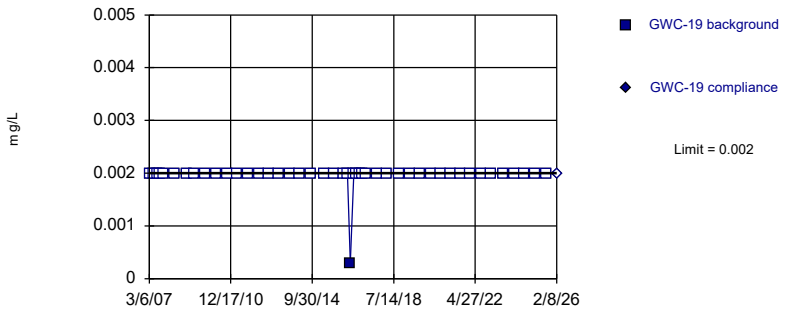
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Antimony Analysis Run 4/8/2026 12:54 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



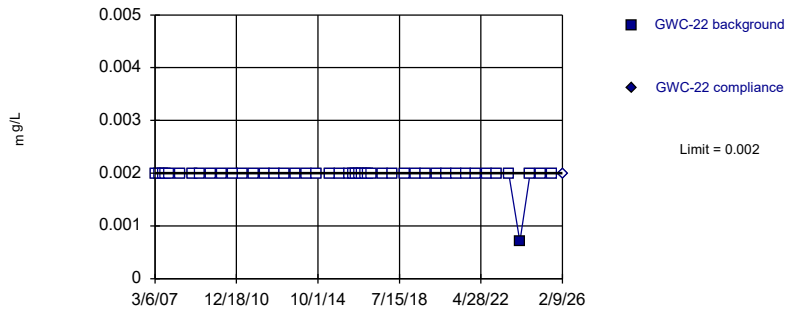
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 97.83% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Antimony Analysis Run 4/8/2026 12:54 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



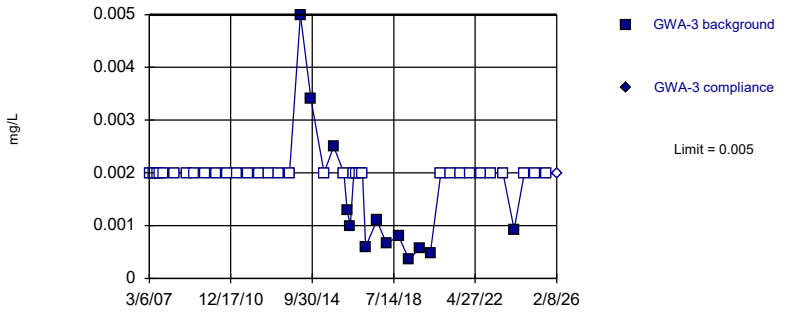
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 97.83% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Antimony Analysis Run 4/8/2026 12:54 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



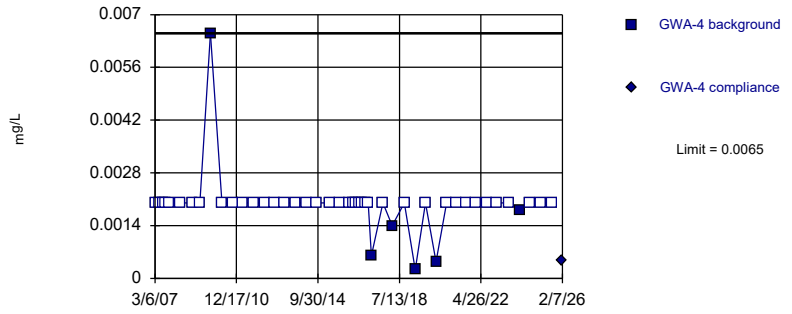
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 71.74% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Arsenic Analysis Run 4/8/2026 12:54 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



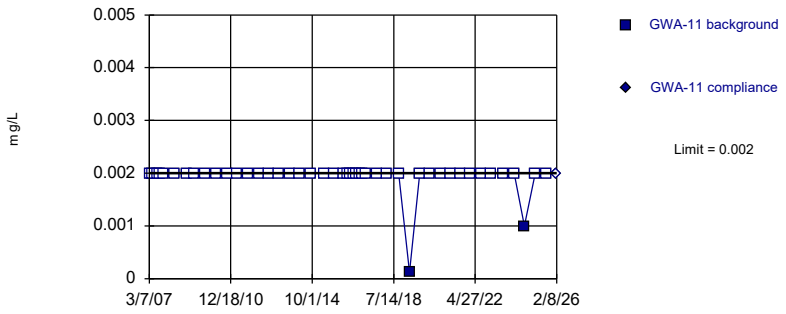
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Arsenic Analysis Run 4/8/2026 12:54 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



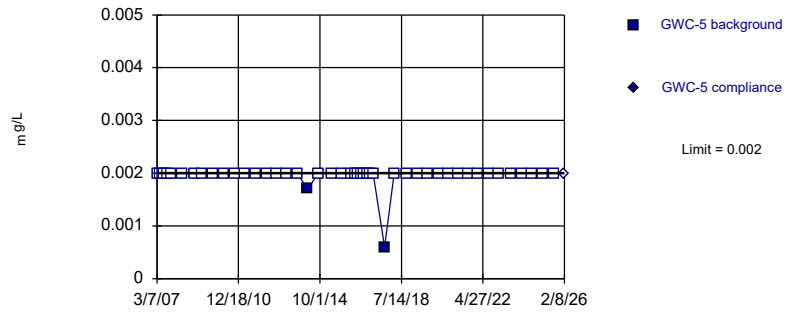
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Arsenic Analysis Run 4/8/2026 12:54 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



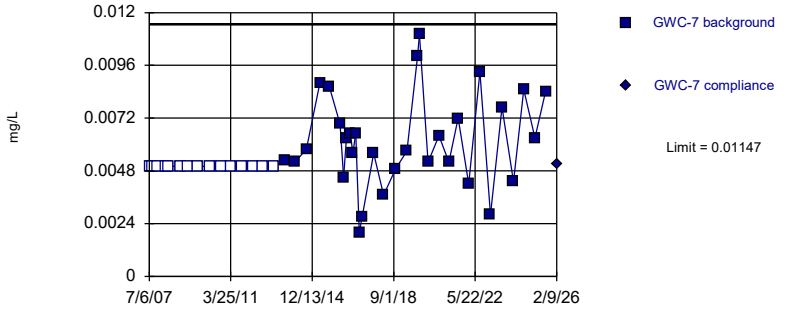
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Arsenic Analysis Run 4/8/2026 12:54 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Parametric



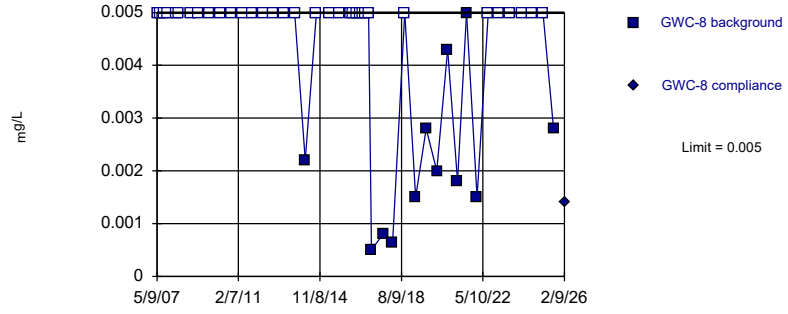
Background Data Summary (based on cube root transformation) (after Kaplan-Meier Adjustment): Mean=0.1689, Std. Dev.=0.02471, n=46, 32.61% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9274, critical = 0.927. Kappa = 2.291 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

Constituent: Arsenic Analysis Run 4/8/2026 12:54 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



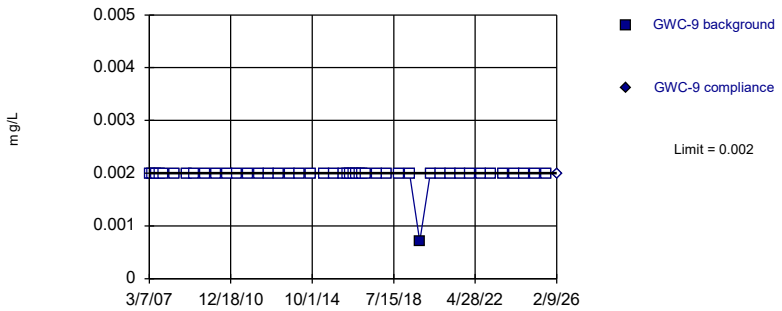
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 73.91% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Arsenic Analysis Run 4/8/2026 12:54 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



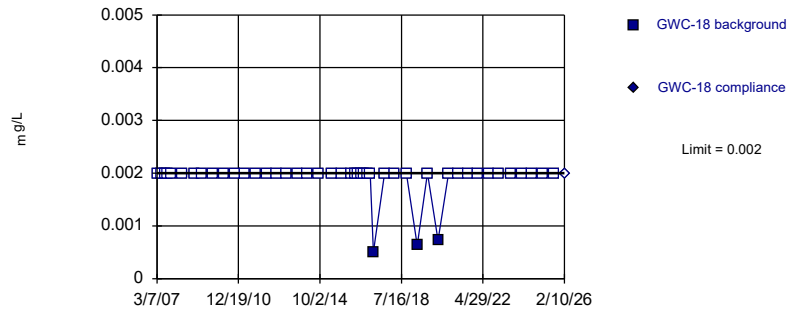
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 97.83% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Arsenic Analysis Run 4/8/2026 12:54 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



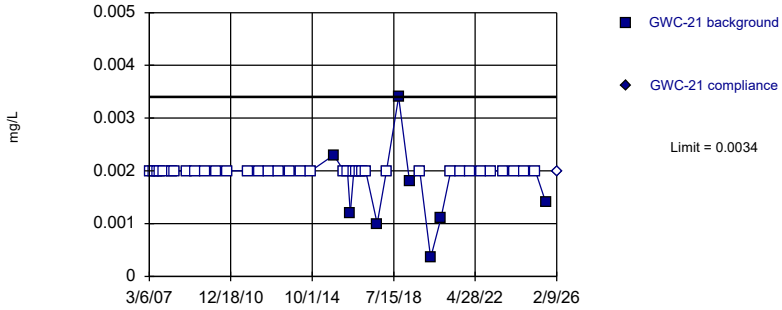
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 93.48% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Arsenic Analysis Run 4/8/2026 12:54 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



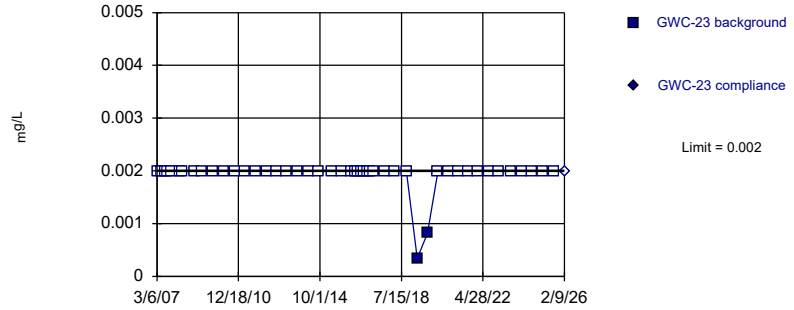
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 45 background values. 82.22% NDs. Well-constituent pair annual alpha = 0.001911. Individual comparison alpha = 0.0009557 (1 of 2).

Constituent: Arsenic Analysis Run 4/8/2026 12:54 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 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 47 background values. 95.74% NDs. Well-constituent pair annual alpha = 0.001748. Individual comparison alpha = 0.0008745 (1 of 2).

Constituent: Arsenic Analysis Run 4/8/2026 12:55 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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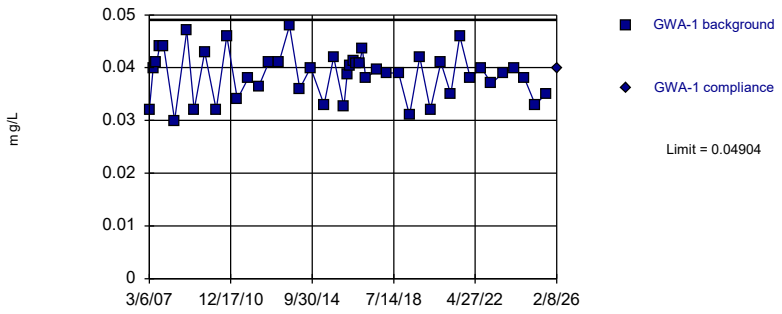
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.03872, Std. Dev.=0.004505, n=46. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9595, critical = 0.927. Kappa = 2.291 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

Constituent: Barium Analysis Run 4/8/2026 12:55 PM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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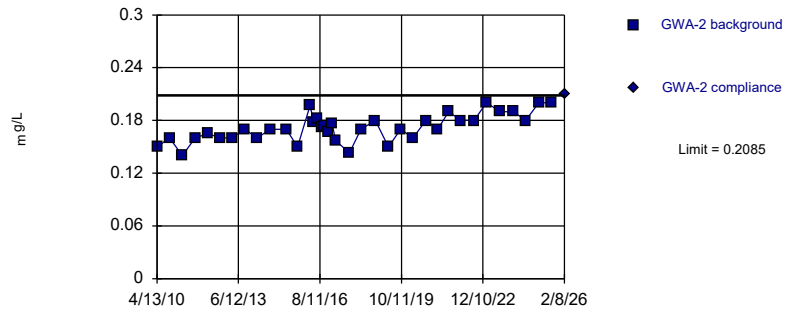
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.1716, Std. Dev.=0.01574, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.963, critical = 0.914. Kappa = 2.338 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

Constituent: Barium Analysis Run 4/8/2026 12:55 PM View: Appendix I Intrawell

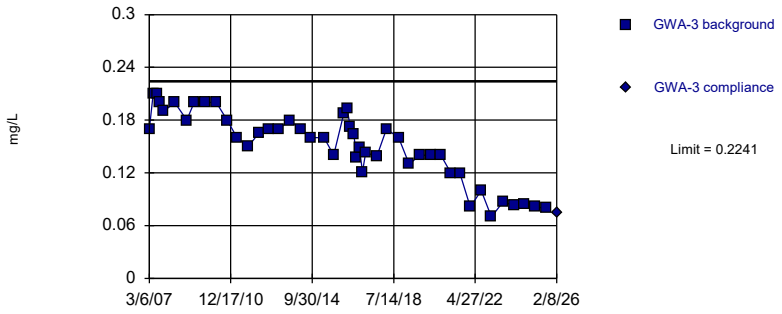
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation): Mean=0.02441, Std. Dev.=0.01127, n=46. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9438, critical = 0.927. Kappa = 2.291 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

Constituent: Barium Analysis Run 4/8/2026 12:55 PM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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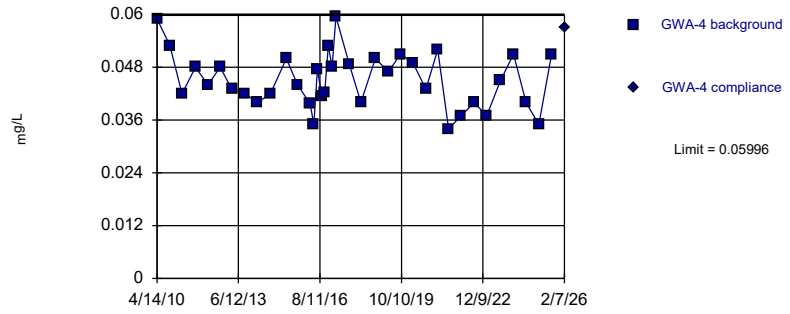
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.0452, Std. Dev.=0.006314, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9661, critical = 0.914. Kappa = 2.338 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

Constituent: Barium Analysis Run 4/8/2026 12:55 PM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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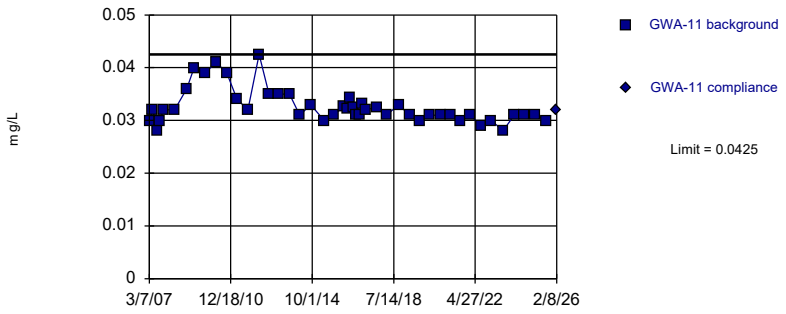
Within Limit

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 46 background values. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Barium Analysis Run 4/8/2026 12:55 PM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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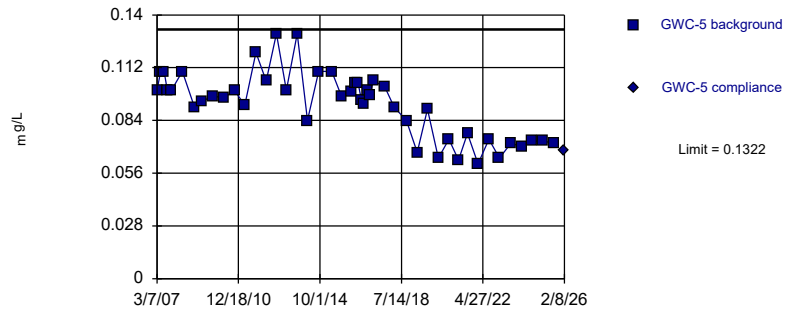
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.09247, Std. Dev.=0.01736, n=46. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9439, critical = 0.927. Kappa = 2.291 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

Constituent: Barium Analysis Run 4/8/2026 12:55 PM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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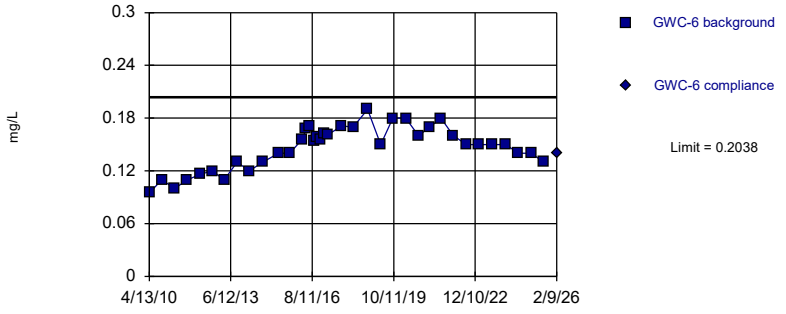
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.1468, Std. Dev.=0.02441, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9564, critical = 0.914. Kappa = 2.338 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

Constituent: Barium Analysis Run 4/8/2026 12:55 PM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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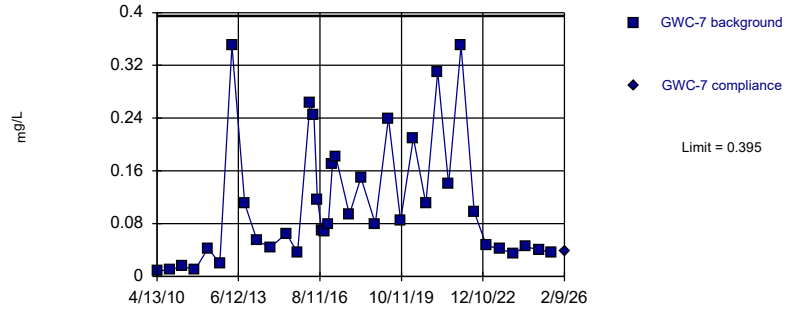
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.3016, Std. Dev.=0.1398, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9387, critical = 0.914. Kappa = 2.338 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

Constituent: Barium Analysis Run 4/8/2026 12:55 PM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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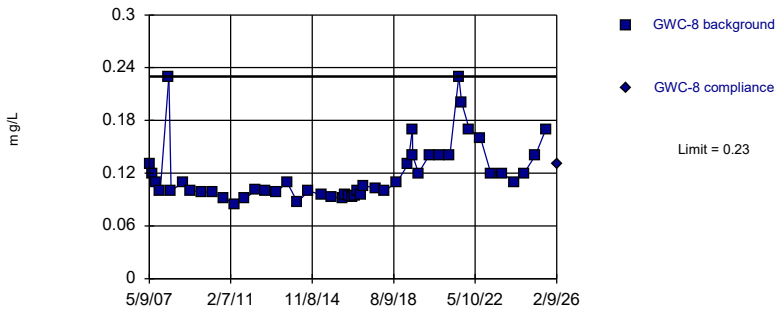
Within Limit

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 49 background values. Well-constituent pair annual alpha = 0.001586. Individual comparison alpha = 0.0007934 (1 of 2).

Constituent: Barium Analysis Run 4/8/2026 12:55 PM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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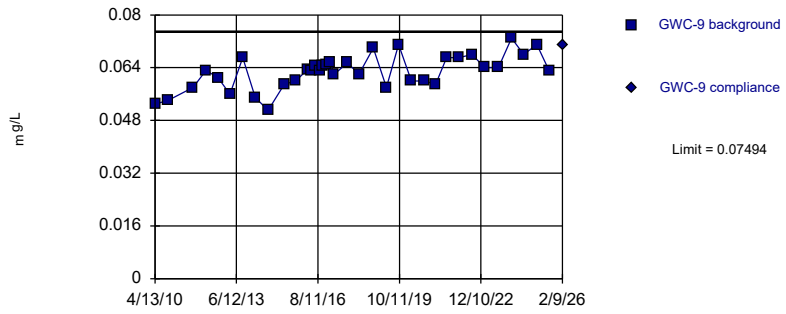
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.06274, Std. Dev.=0.005207, n=36. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9819, critical = 0.912. Kappa = 2.344 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

Constituent: Barium Analysis Run 4/8/2026 12:55 PM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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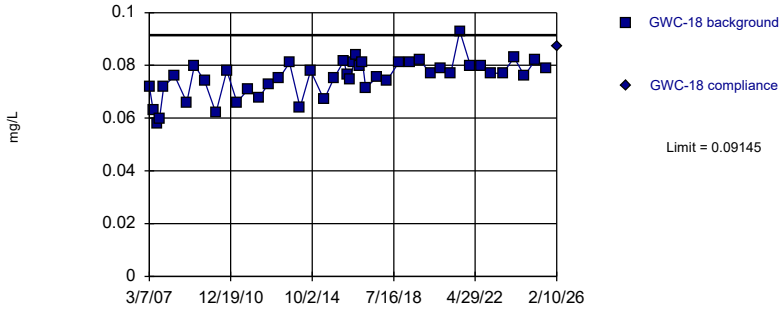
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.07527, Std. Dev.=0.007065, n=46. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9457, critical = 0.927. Kappa = 2.291 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

Constituent: Barium Analysis Run 4/8/2026 12:55 PM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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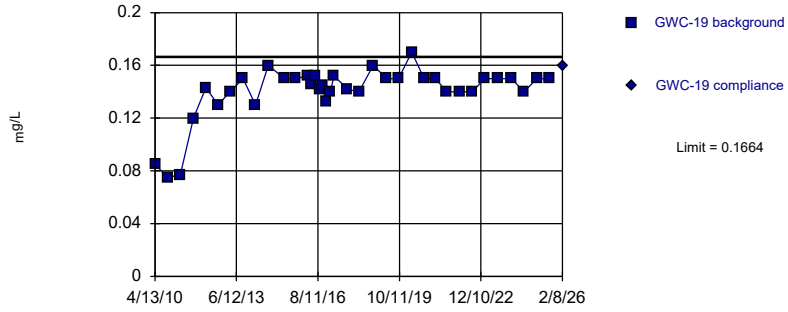
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on x^5 transformation): Mean=0.00006321, Std. Dev.=0.00002759, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9141, critical = 0.914. Kappa = 2.338 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

Constituent: Barium Analysis Run 4/8/2026 12:55 PM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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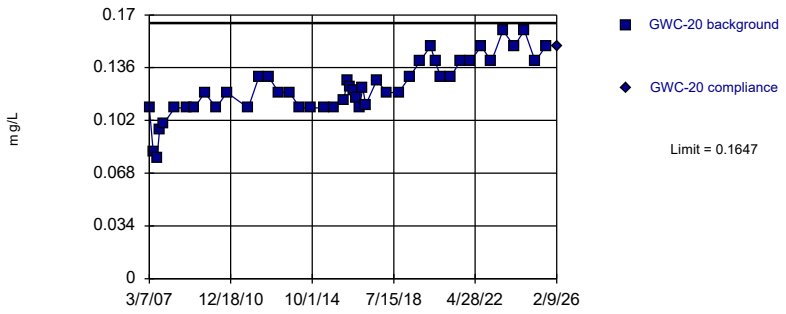
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.1231, Std. Dev.=0.01813, n=46. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9559, critical = 0.927. Kappa = 2.291 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

Constituent: Barium Analysis Run 4/8/2026 12:55 PM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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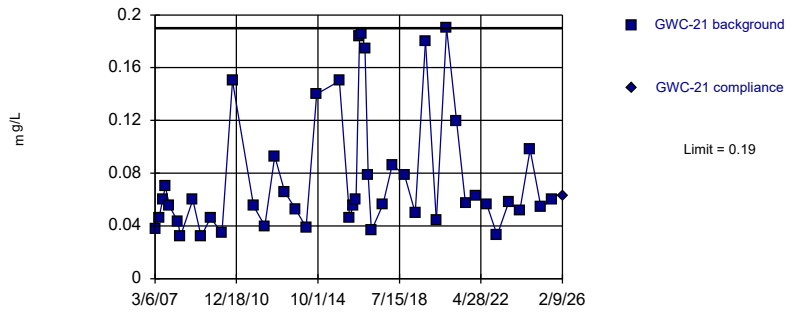
Within Limit

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 45 background values. Well-constituent pair annual alpha = 0.001911. Individual comparison alpha = 0.0009557 (1 of 2).

Constituent: Barium Analysis Run 4/8/2026 12:55 PM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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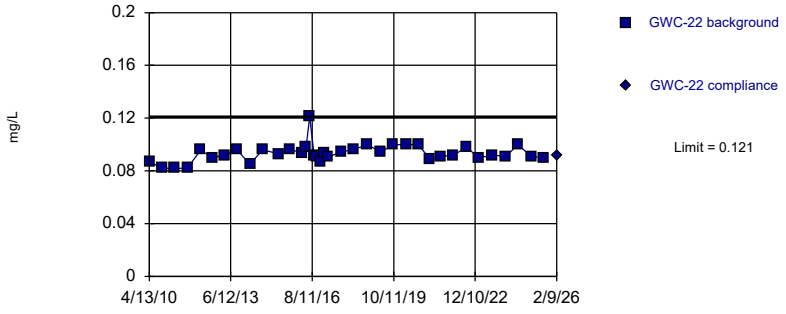
Within Limit

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 37 background values. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Barium Analysis Run 4/8/2026 12:55 PM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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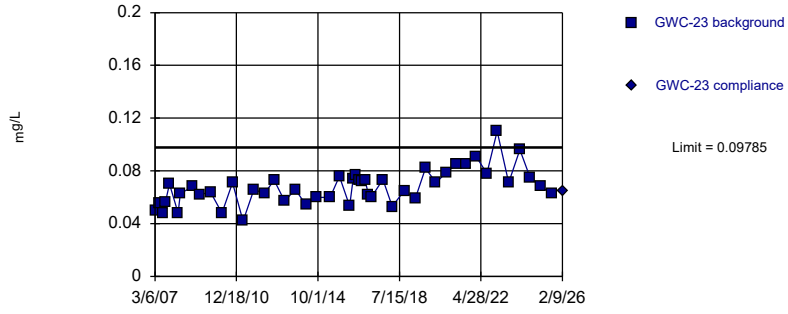
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.0674, Std. Dev.=0.01331, n=47. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9687, critical = 0.928. Kappa = 2.287 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

Constituent: Barium Analysis Run 4/8/2026 12:55 PM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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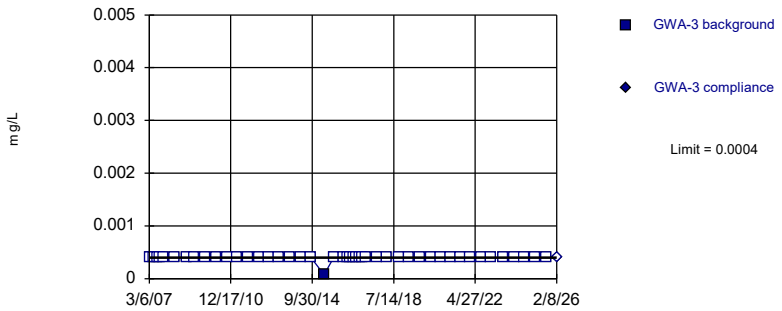
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 97.83% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Beryllium Analysis Run 4/8/2026 12:55 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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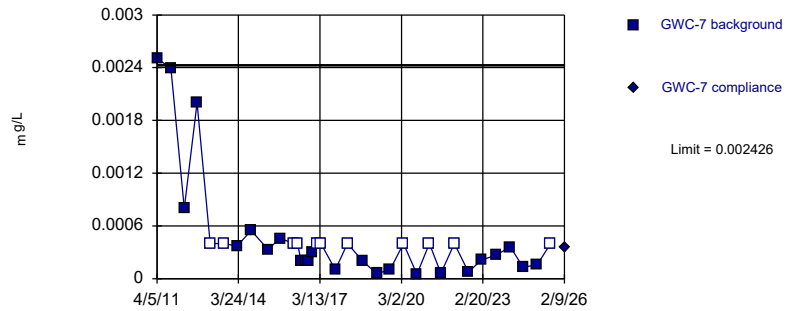
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation) (after Kaplan-Meier Adjustment): Mean=-8.566, Std. Dev.=1.083, n=35, 31.43% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9169, critical = 0.91. Kappa = 2.35 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

Constituent: Beryllium Analysis Run 4/8/2026 12:55 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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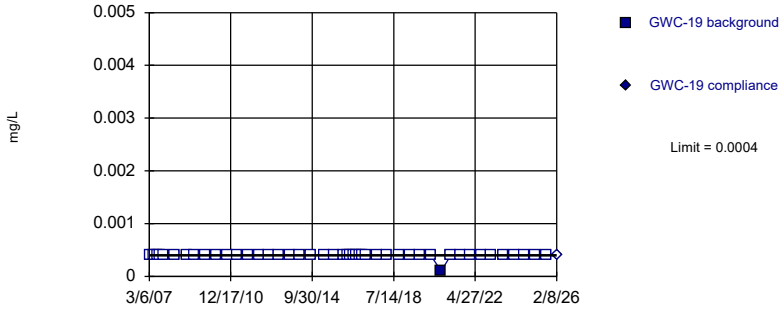
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 97.83% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Beryllium Analysis Run 4/8/2026 12:55 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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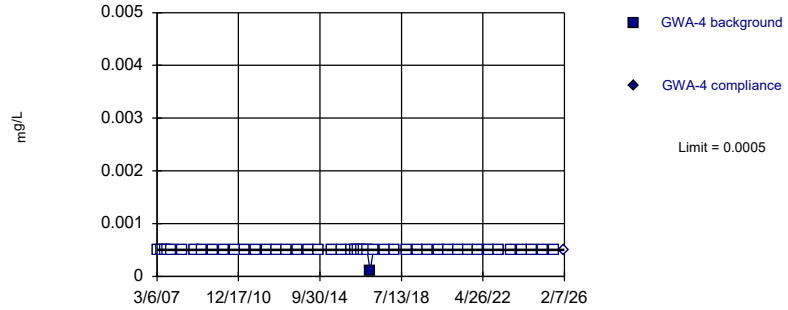
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 97.83% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Cadmium Analysis Run 4/8/2026 12:55 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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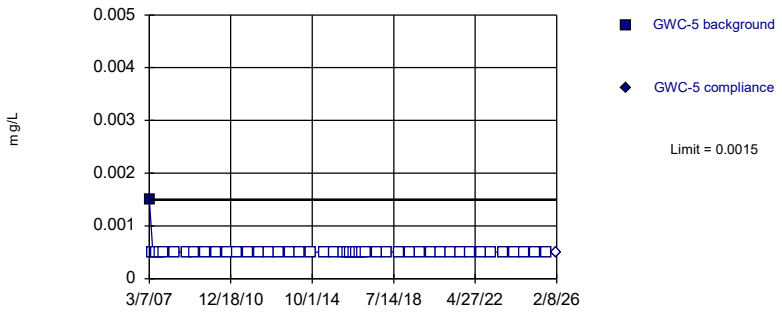
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 97.83% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Cadmium Analysis Run 4/8/2026 12:55 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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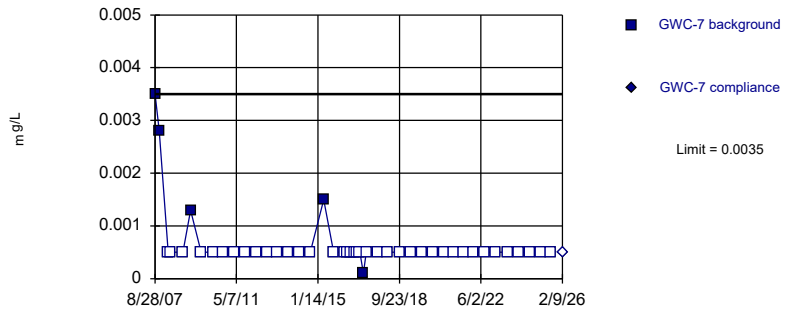
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 44 background values. 88.64% NDs. Well-constituent pair annual alpha = 0.001992. Individual comparison alpha = 0.0009963 (1 of 2).

Constituent: Cadmium Analysis Run 4/8/2026 12:55 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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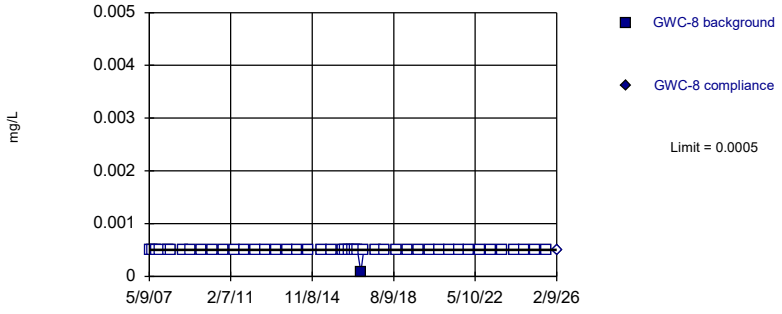
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 97.83% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Cadmium Analysis Run 4/8/2026 12:55 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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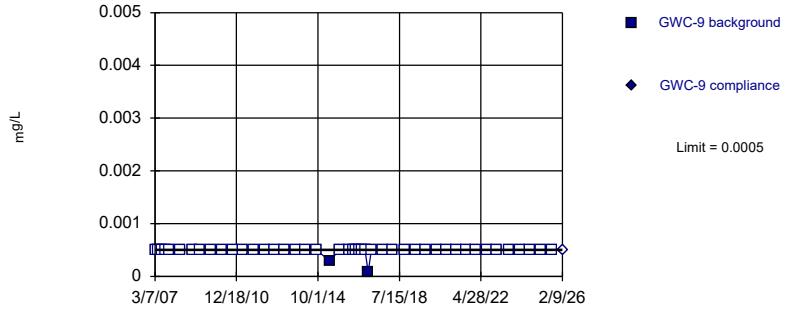
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



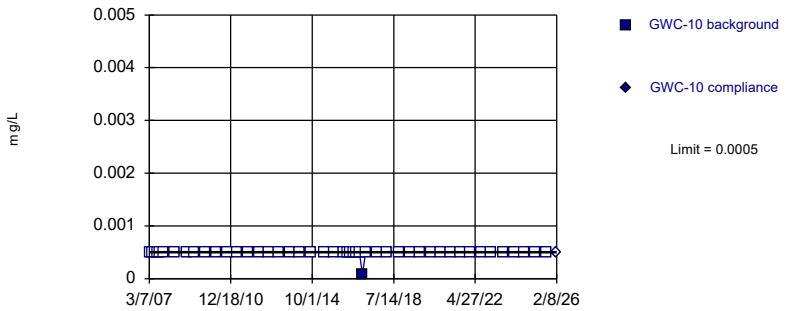
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Cadmium Analysis Run 4/8/2026 12:55 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 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 46 background values. 97.83% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Cadmium Analysis Run 4/8/2026 12:55 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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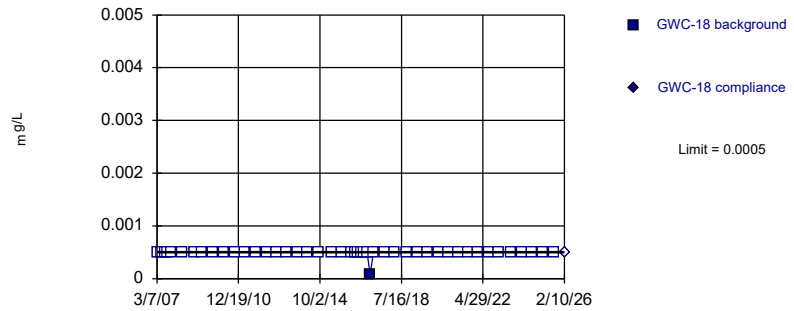
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



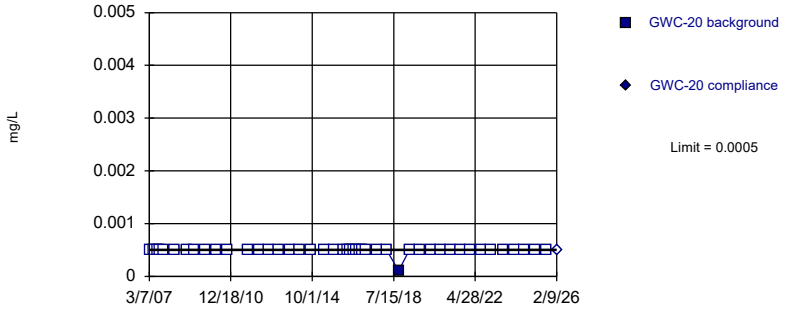
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 97.83% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Cadmium Analysis Run 4/8/2026 12:55 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 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 45 background values. 97.78% NDs. Well-constituent pair annual alpha = 0.001911. Individual comparison alpha = 0.0009557 (1 of 2).

Constituent: Cadmium Analysis Run 4/8/2026 12:55 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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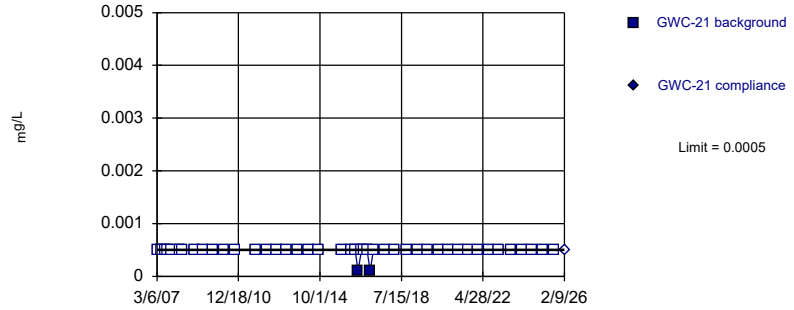
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 45 background values. 95.56% NDs. Well-constituent pair annual alpha = 0.001911. Individual comparison alpha = 0.0009557 (1 of 2).

Constituent: Cadmium Analysis Run 4/8/2026 12:55 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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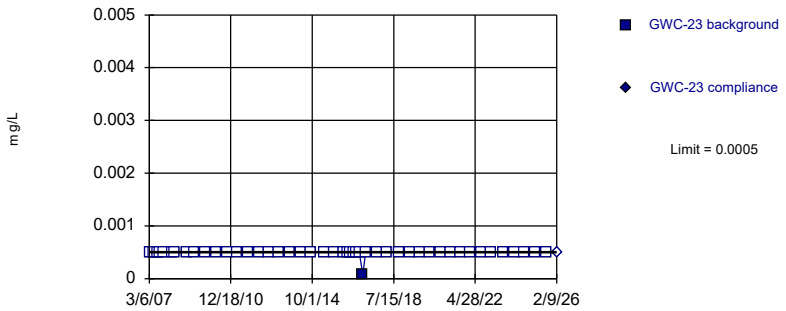
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



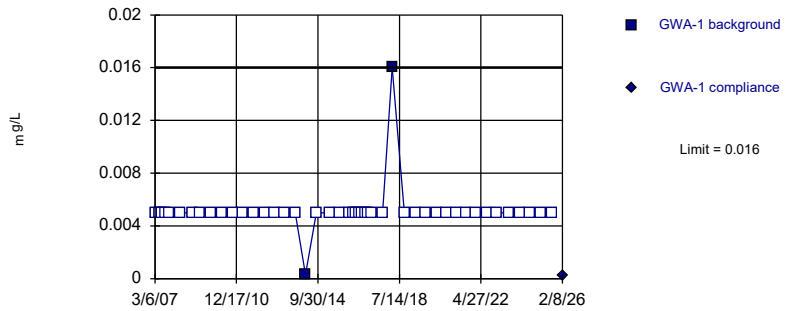
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 47 background values. 97.87% NDs. Well-constituent pair annual alpha = 0.001748. Individual comparison alpha = 0.0008745 (1 of 2).

Constituent: Cadmium Analysis Run 4/8/2026 12:55 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 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 46 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Chromium Analysis Run 4/8/2026 12:56 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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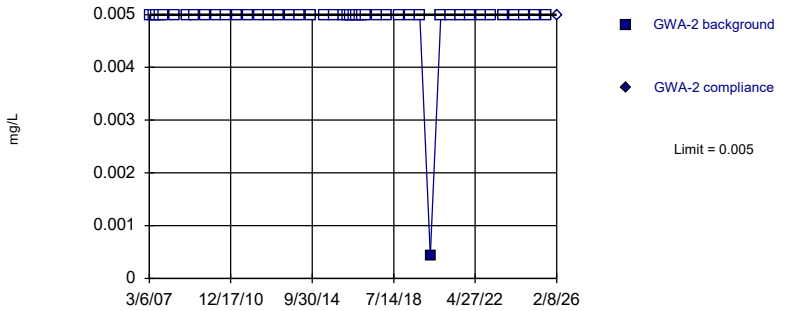
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 97.83% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Chromium Analysis Run 4/8/2026 12:56 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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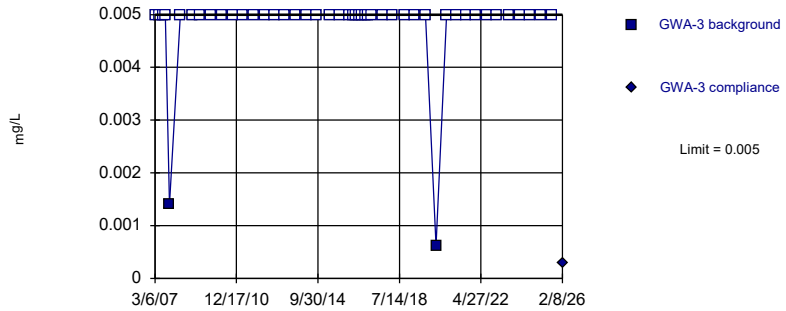
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



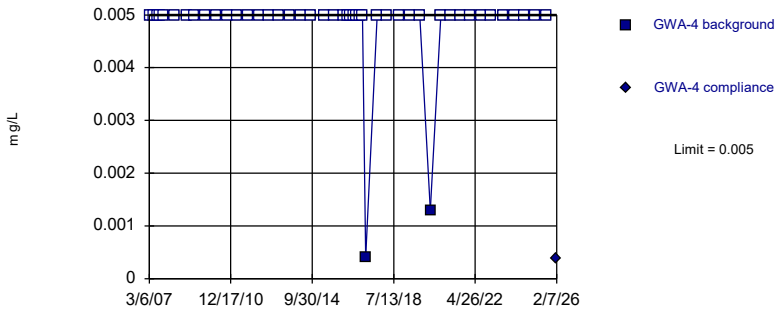
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Chromium Analysis Run 4/8/2026 12:56 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



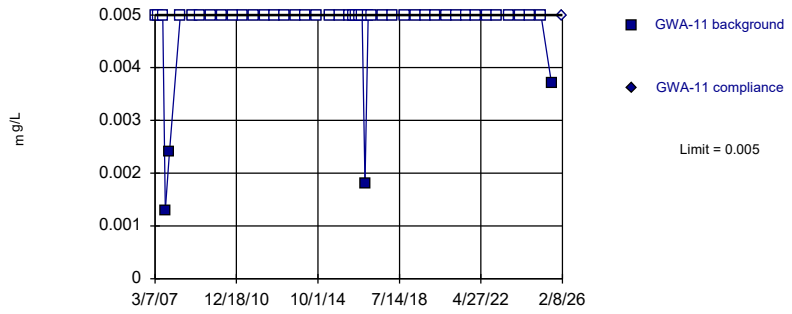
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Chromium Analysis Run 4/8/2026 12:56 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



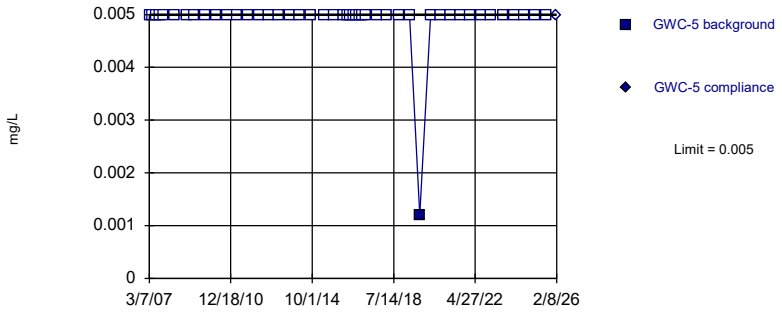
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Chromium Analysis Run 4/8/2026 12:56 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



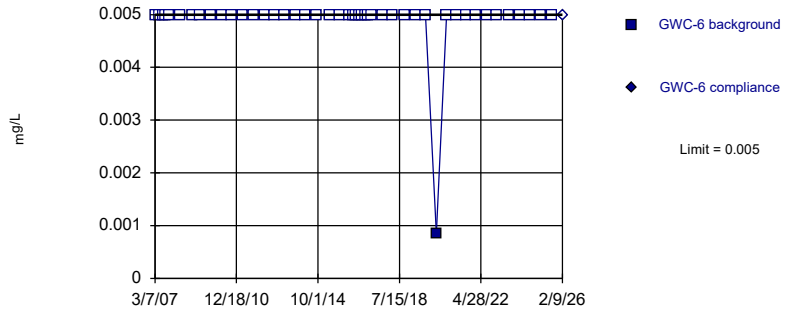
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 97.83% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Chromium Analysis Run 4/8/2026 12:56 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



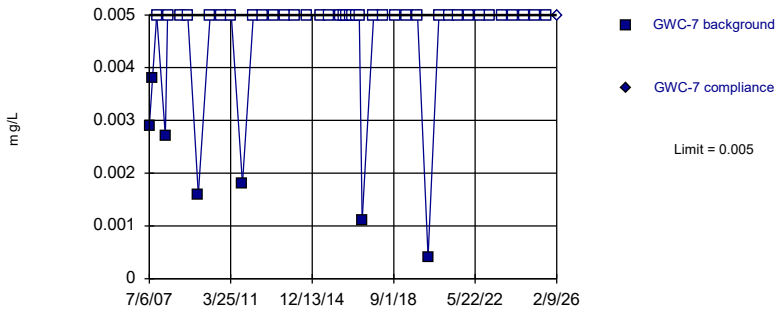
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 97.83% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Chromium Analysis Run 4/8/2026 12:56 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



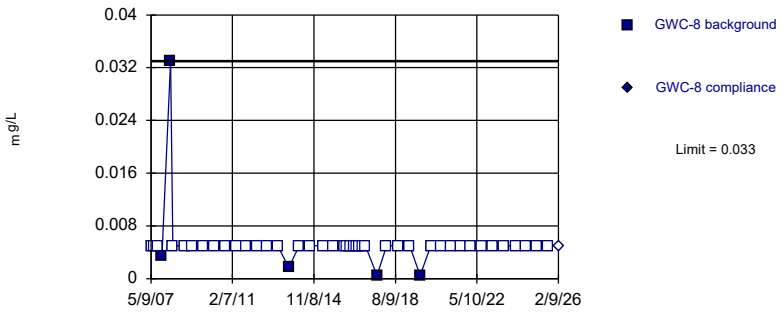
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 45 background values. 84.44% NDs. Well-constituent pair annual alpha = 0.001911. Individual comparison alpha = 0.0009557 (1 of 2).

Constituent: Chromium Analysis Run 4/8/2026 12:56 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



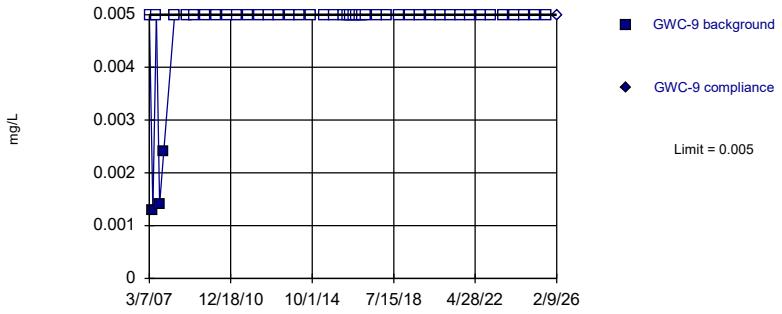
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 89.13% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Chromium Analysis Run 4/8/2026 12:56 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



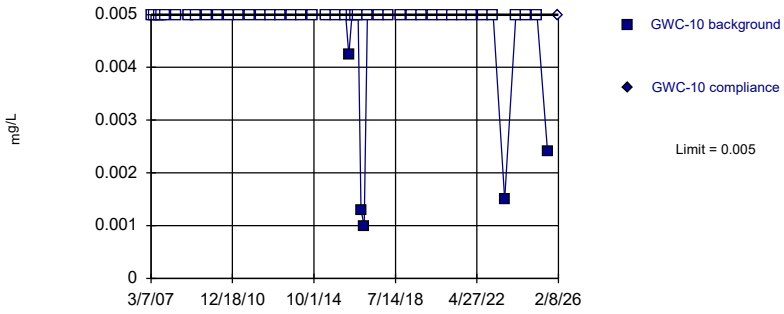
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 93.48% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Chromium Analysis Run 4/8/2026 12:56 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



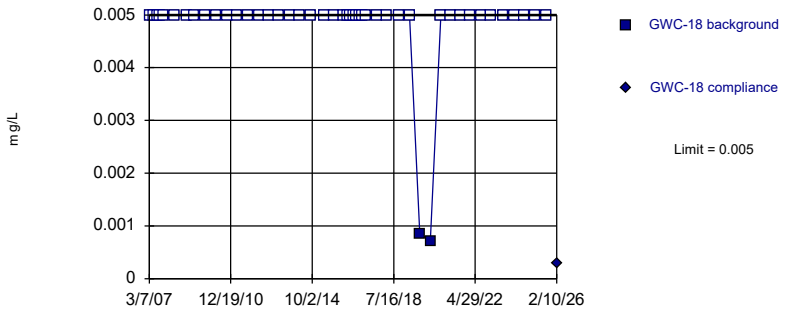
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 89.13% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Chromium Analysis Run 4/8/2026 12:56 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



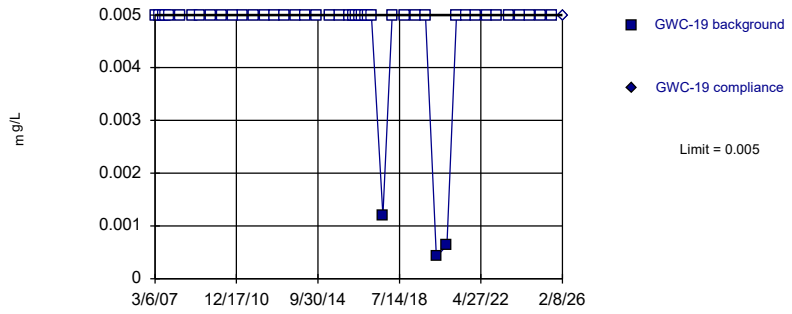
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Chromium Analysis Run 4/8/2026 12:56 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



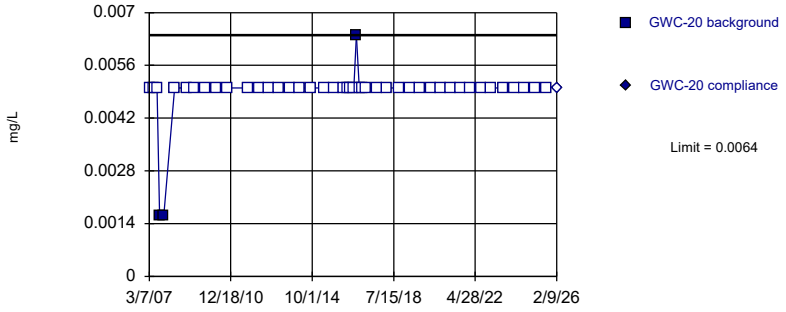
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 93.48% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Chromium Analysis Run 4/8/2026 12:56 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



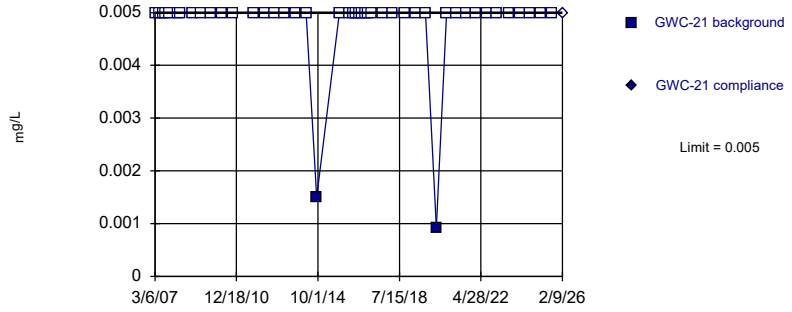
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 45 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.001911. Individual comparison alpha = 0.0009557 (1 of 2).

Constituent: Chromium Analysis Run 4/8/2026 12:56 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



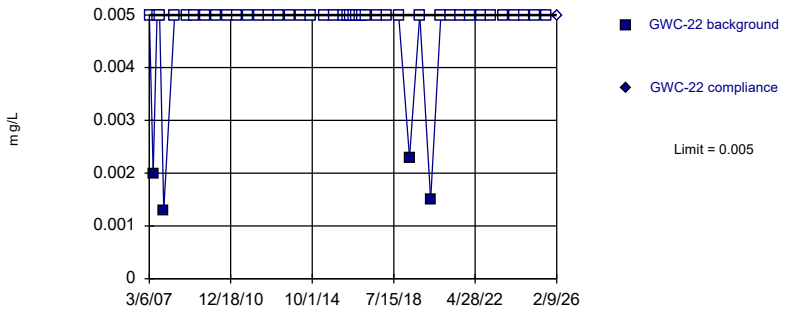
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 45 background values. 95.56% NDs. Well-constituent pair annual alpha = 0.001911. Individual comparison alpha = 0.0009557 (1 of 2).

Constituent: Chromium Analysis Run 4/8/2026 12:56 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



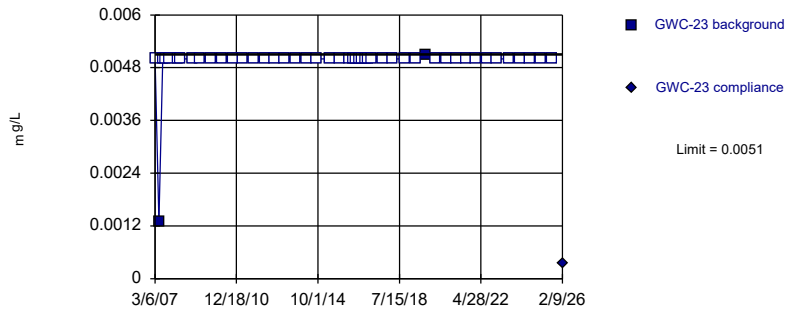
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Chromium Analysis Run 4/8/2026 12:56 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



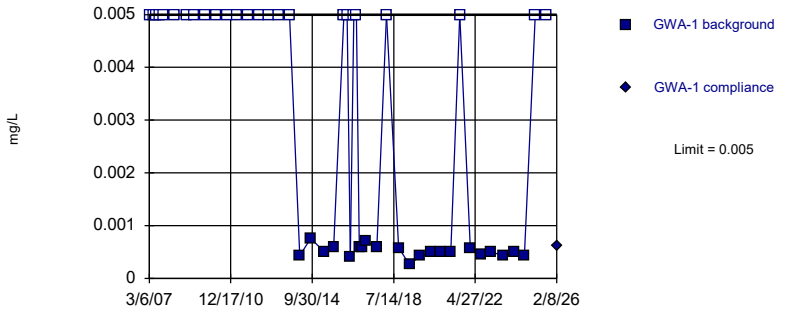
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 47 background values. 95.74% NDs. Well-constituent pair annual alpha = 0.001748. Individual comparison alpha = 0.0008745 (1 of 2).

Constituent: Chromium Analysis Run 4/8/2026 12:56 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



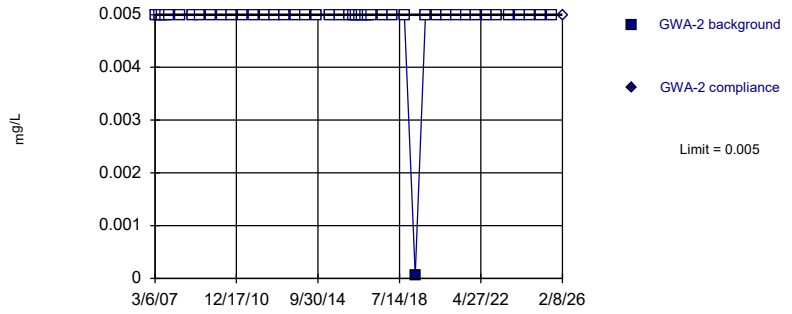
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 54.35% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Cobalt Analysis Run 4/8/2026 12:56 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



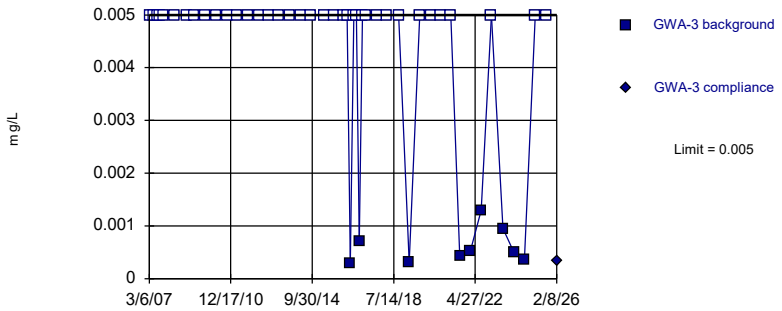
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 97.83% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Cobalt Analysis Run 4/8/2026 12:56 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



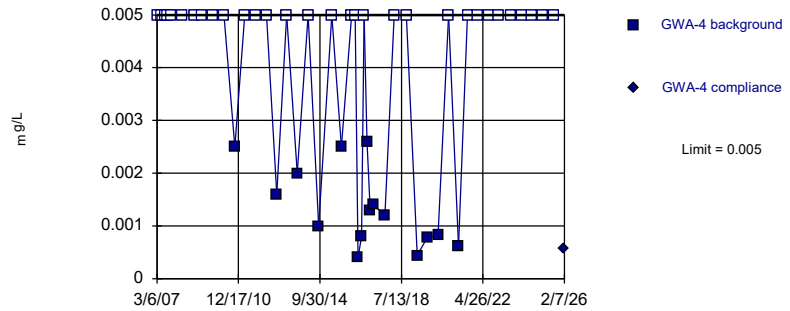
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 80.43% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Cobalt Analysis Run 4/8/2026 12:56 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



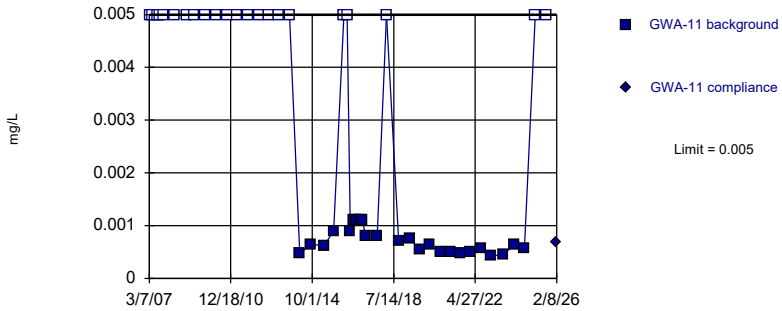
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 67.39% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Cobalt Analysis Run 4/8/2026 12:56 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



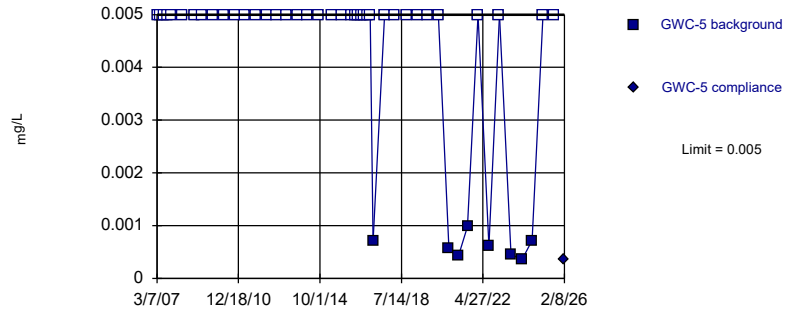
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 46 background values. 47.83% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Cobalt Analysis Run 4/8/2026 12:56 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



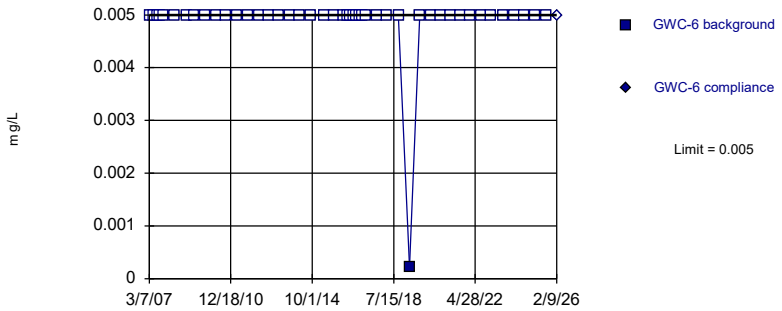
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 82.61% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Cobalt Analysis Run 4/8/2026 12:56 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



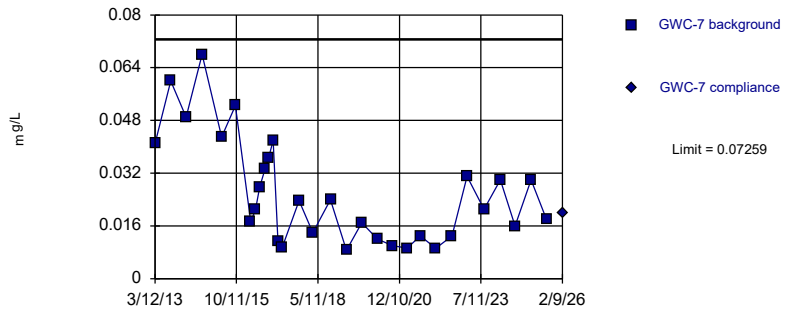
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 97.83% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Cobalt Analysis Run 4/8/2026 12:56 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Within Limit

Prediction Limit

Intrawell Parametric



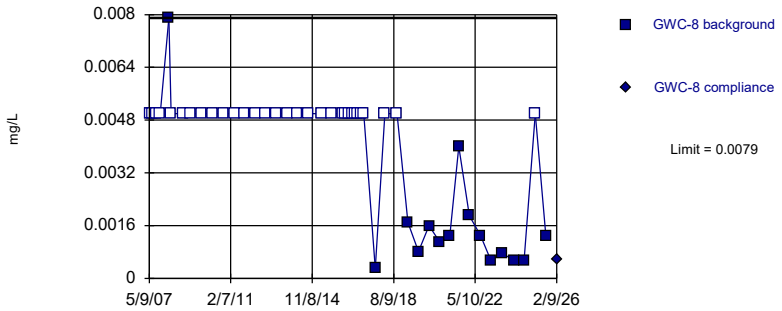
Background Data Summary (based on square root transformation): Mean=0.1548, Std. Dev.=0.04795, n=31. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9352, critical = 0.902. Kappa = 2.39 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

Constituent: Cobalt Analysis Run 4/8/2026 12:56 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



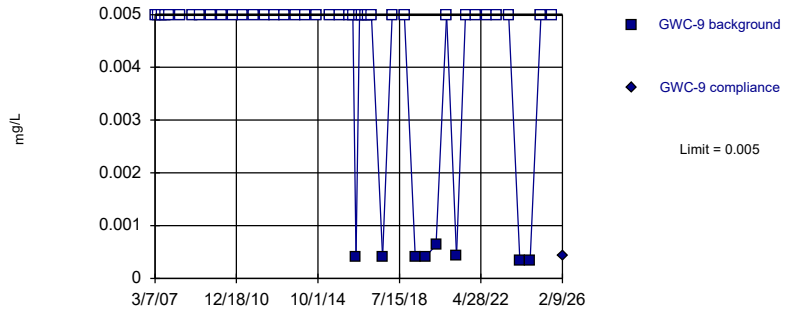
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 67.39% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Cobalt Analysis Run 4/8/2026 12:56 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



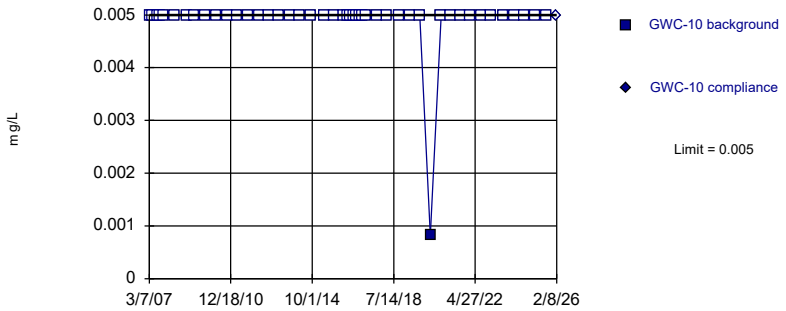
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 82.61% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Cobalt Analysis Run 4/8/2026 12:56 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



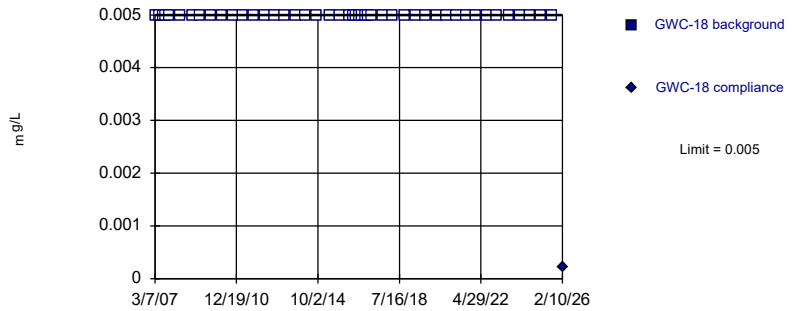
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 97.83% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Cobalt Analysis Run 4/8/2026 12:56 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



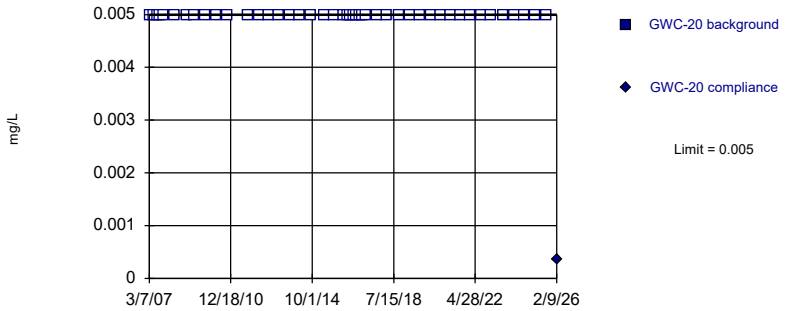
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 46) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Cobalt Analysis Run 4/8/2026 12:56 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



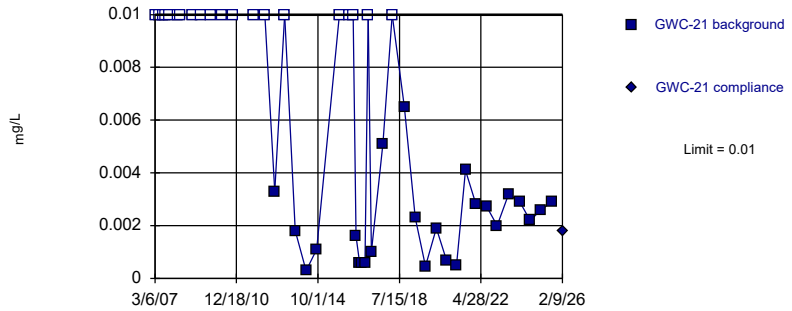
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 45) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.001911. Individual comparison alpha = 0.0009557 (1 of 2).

Constituent: Cobalt Analysis Run 4/8/2026 12:56 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



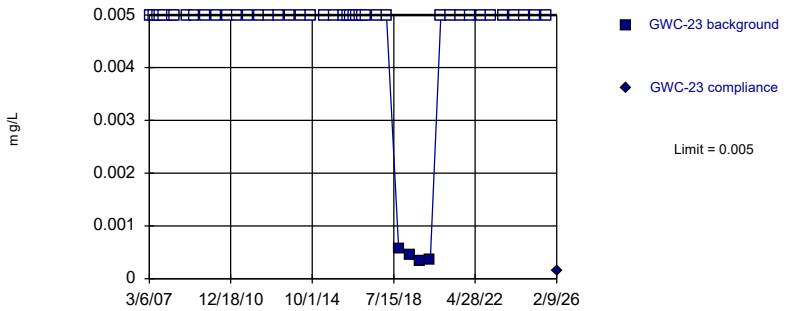
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 45 background values. 44.44% NDs. Well-constituent pair annual alpha = 0.001911. Individual comparison alpha = 0.0009557 (1 of 2).

Constituent: Cobalt Analysis Run 4/8/2026 12:56 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



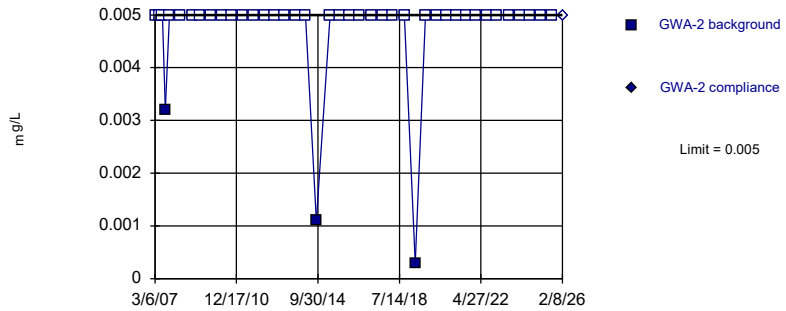
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 47 background values. 91.49% NDs. Well-constituent pair annual alpha = 0.001748. Individual comparison alpha = 0.0008745 (1 of 2).

Constituent: Cobalt Analysis Run 4/8/2026 12:57 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



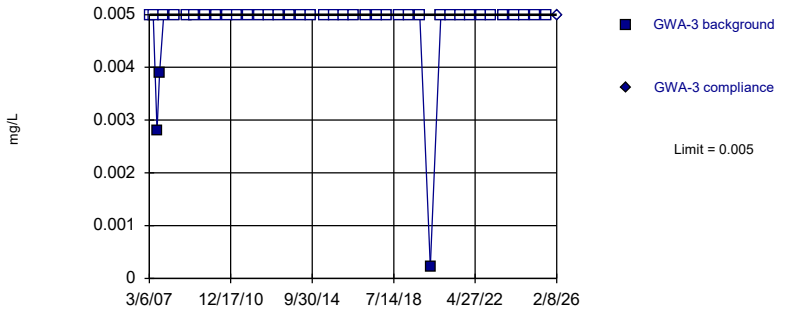
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 92.68% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Copper Analysis Run 4/8/2026 12:57 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



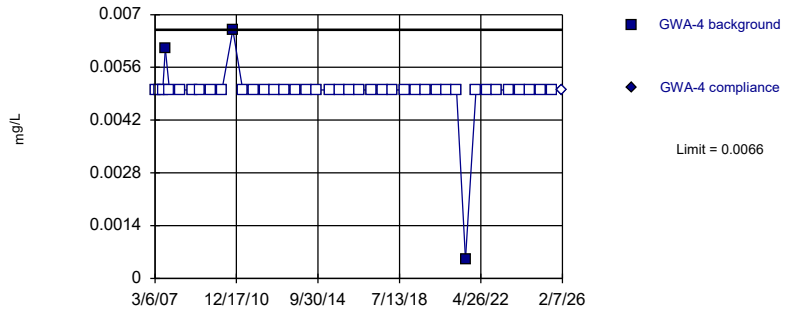
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 92.68% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Copper Analysis Run 4/8/2026 12:57 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



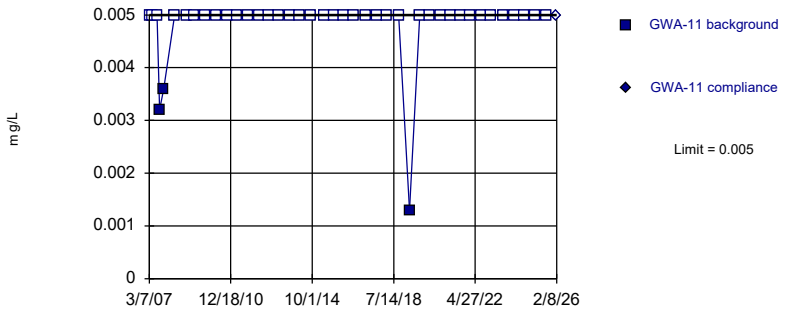
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 92.68% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Copper Analysis Run 4/8/2026 12:57 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



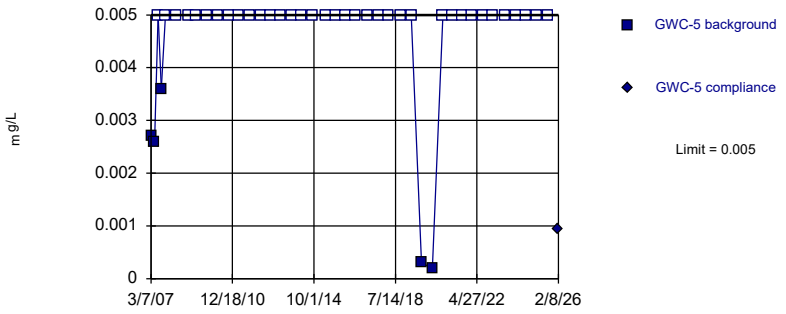
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 92.68% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Copper Analysis Run 4/8/2026 12:57 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



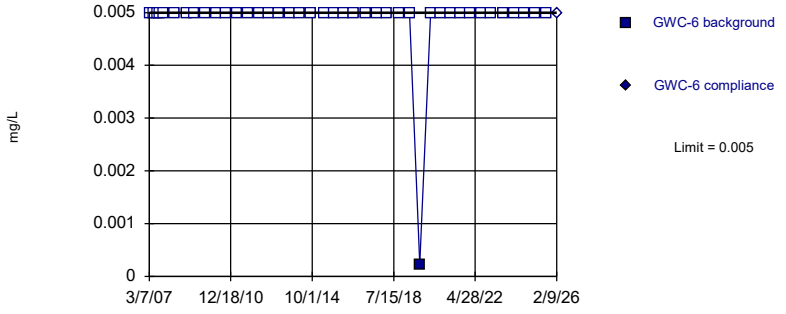
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 87.8% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Copper Analysis Run 4/8/2026 12:57 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



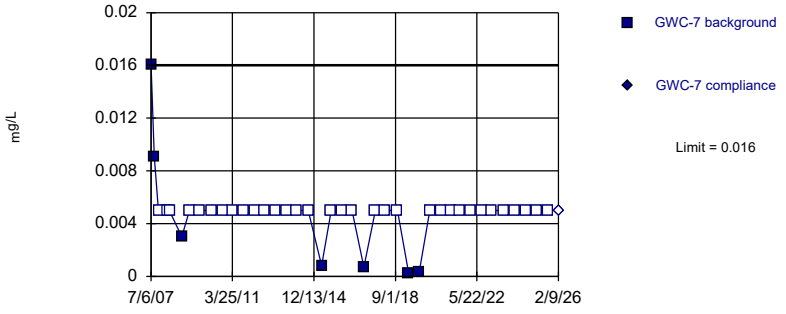
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 97.56% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Copper Analysis Run 4/8/2026 12:57 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



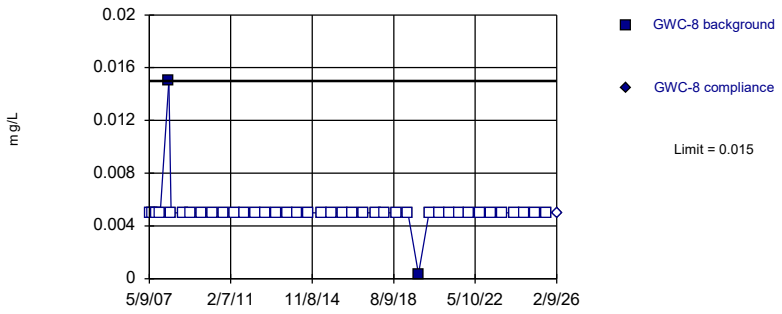
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 40 background values. 82.5% NDs. Well-constituent pair annual alpha = 0.002316. Individual comparison alpha = 0.001159 (1 of 2).

Constituent: Copper Analysis Run 4/8/2026 12:57 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



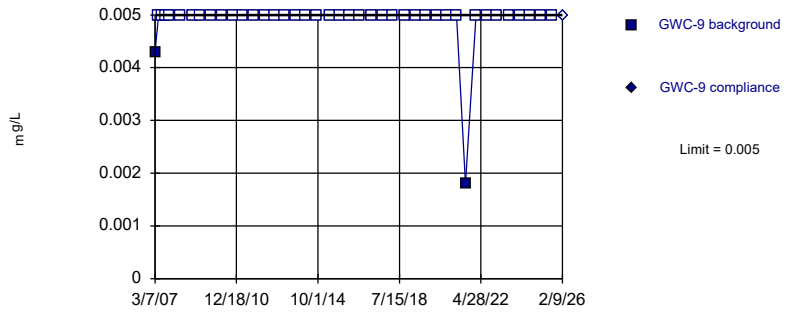
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 95.12% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Copper Analysis Run 4/8/2026 12:57 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



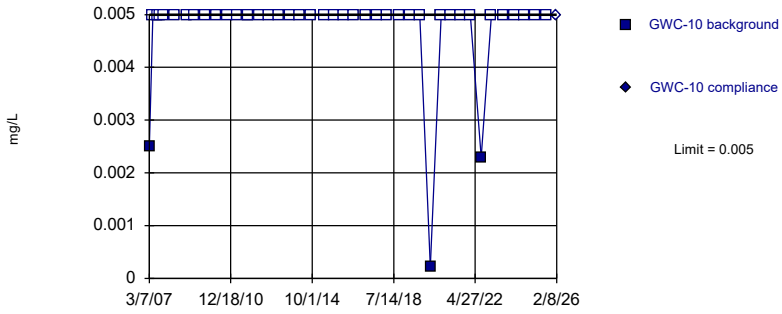
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 95.12% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Copper Analysis Run 4/8/2026 12:57 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



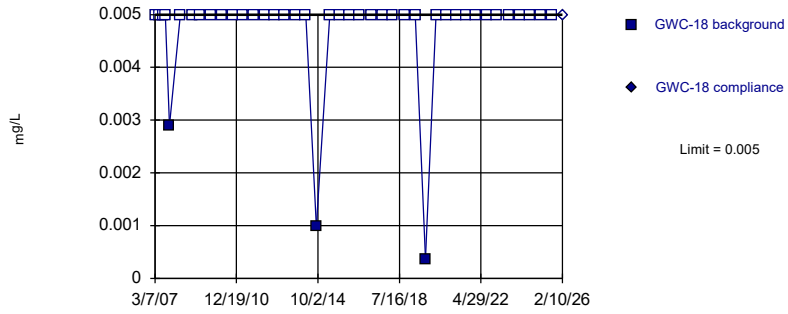
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Copper Analysis Run 4/8/2026 12:57 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



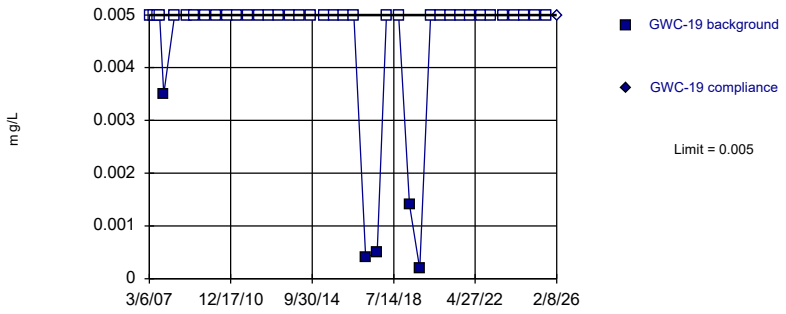
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 92.68% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Copper Analysis Run 4/8/2026 12:57 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



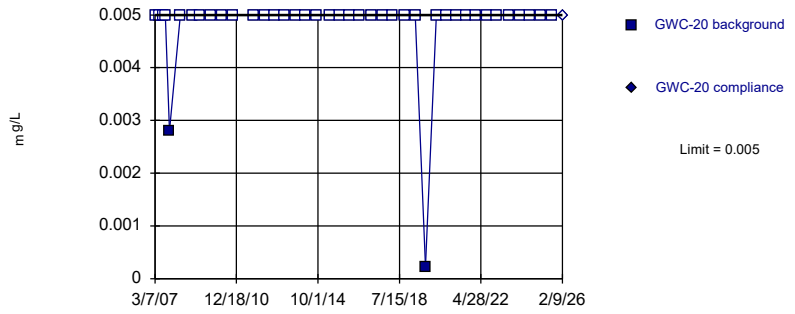
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 87.8% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Copper Analysis Run 4/8/2026 12:57 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



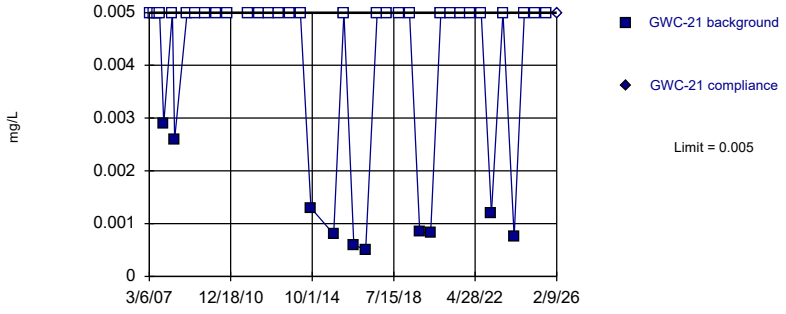
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 40 background values. 95% NDs. Well-constituent pair annual alpha = 0.002316. Individual comparison alpha = 0.001159 (1 of 2).

Constituent: Copper Analysis Run 4/8/2026 12:57 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



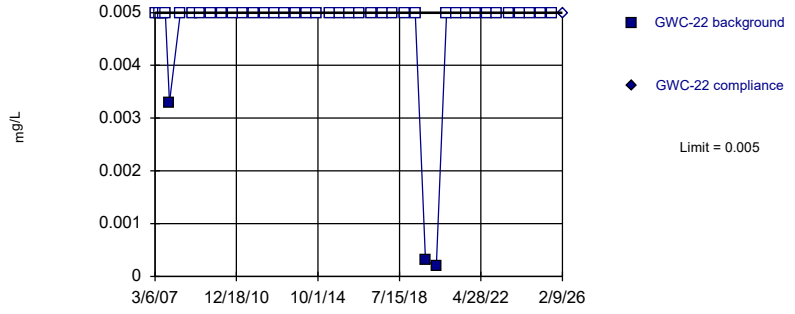
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 40 background values. 75% NDs. Well-constituent pair annual alpha = 0.002316. Individual comparison alpha = 0.001159 (1 of 2).

Constituent: Copper Analysis Run 4/8/2026 12:57 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



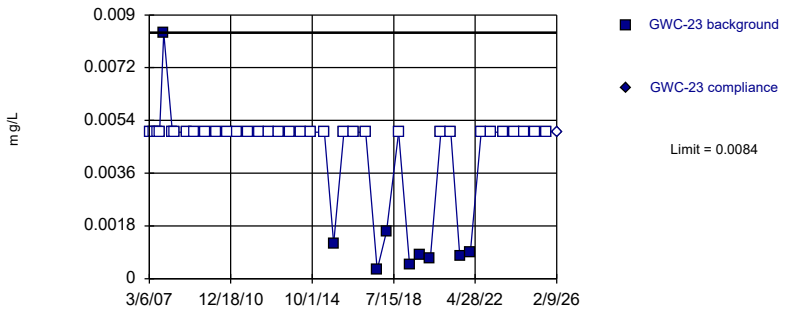
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 92.68% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Copper Analysis Run 4/8/2026 12:57 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



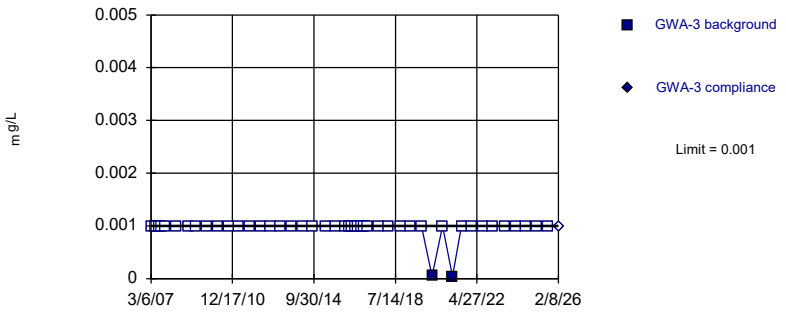
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 78.57% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Copper Analysis Run 4/8/2026 12:57 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



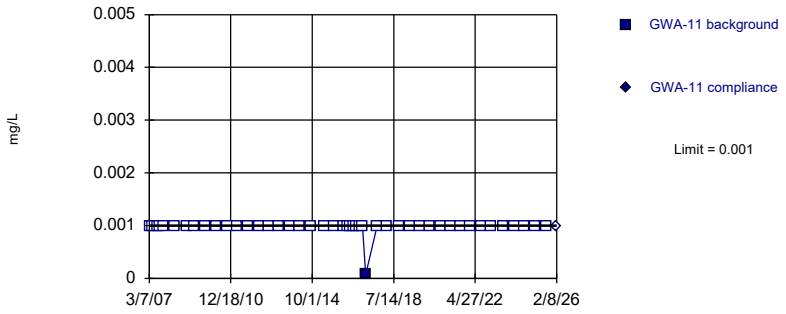
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Lead Analysis Run 4/8/2026 12:57 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



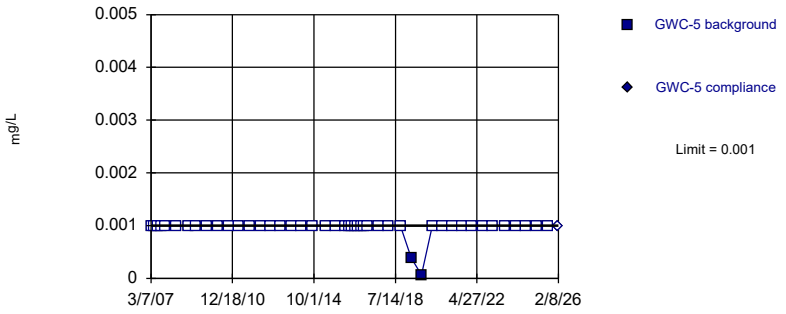
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 97.83% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Lead Analysis Run 4/8/2026 12:57 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



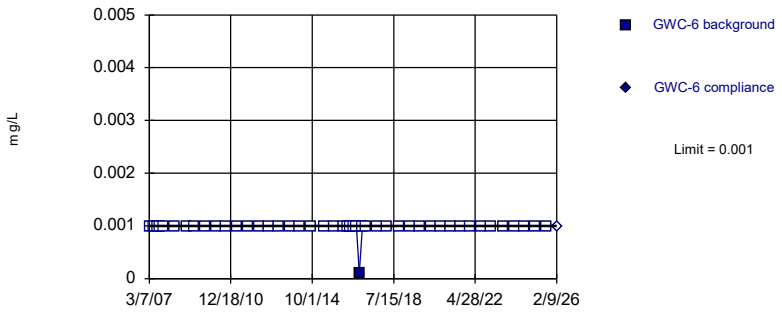
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Lead Analysis Run 4/8/2026 12:57 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



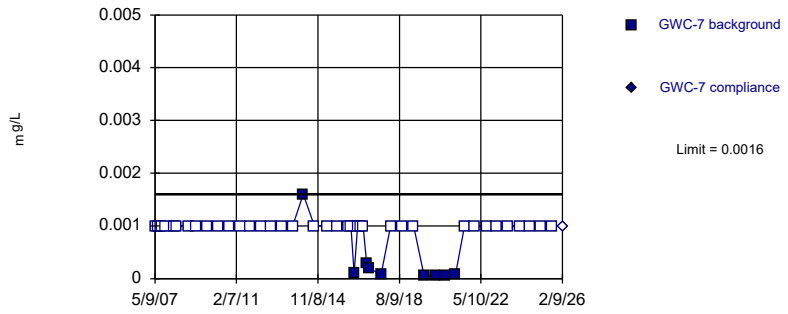
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 97.83% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Lead Analysis Run 4/8/2026 12:57 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



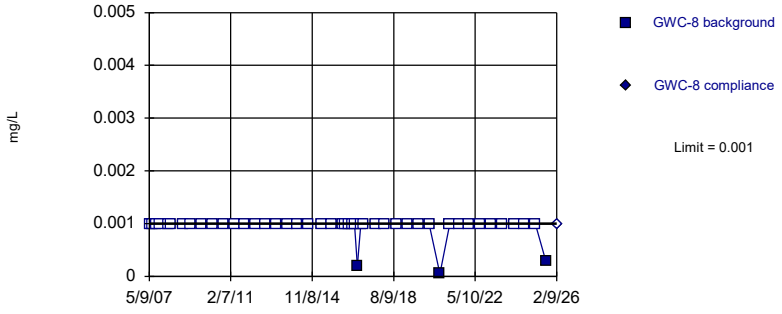
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 80.43% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Lead Analysis Run 4/8/2026 12:57 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



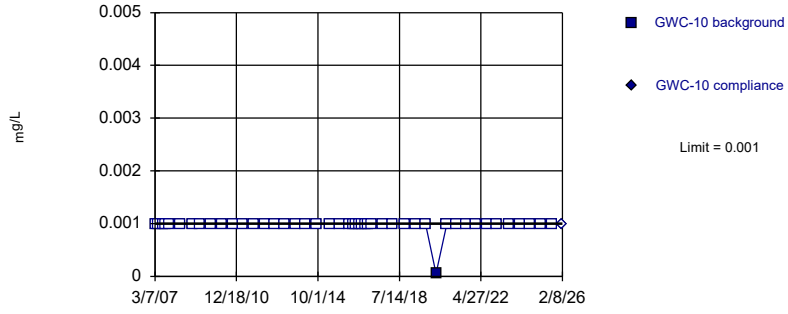
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 93.48% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Lead Analysis Run 4/8/2026 12:57 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



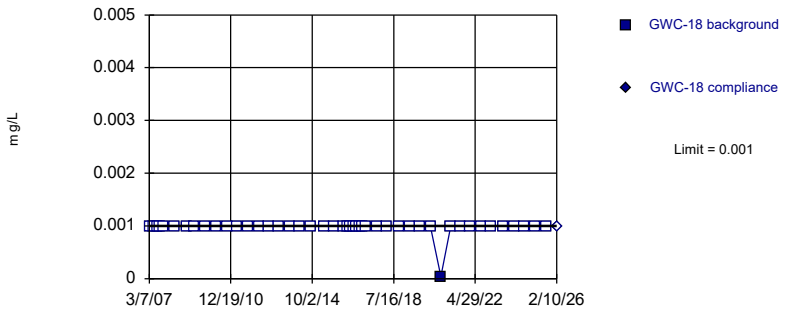
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 97.83% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Lead Analysis Run 4/8/2026 12:57 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



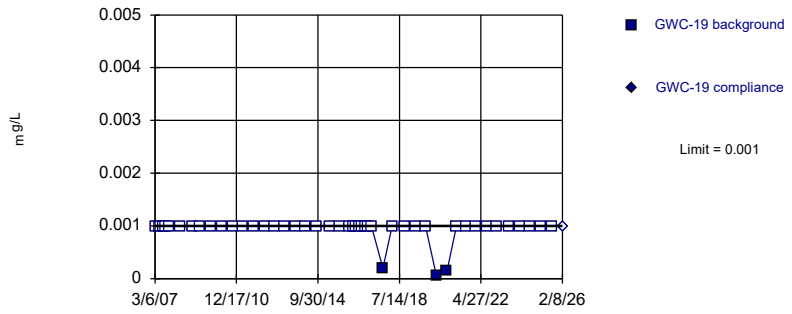
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 97.83% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Lead Analysis Run 4/8/2026 12:57 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



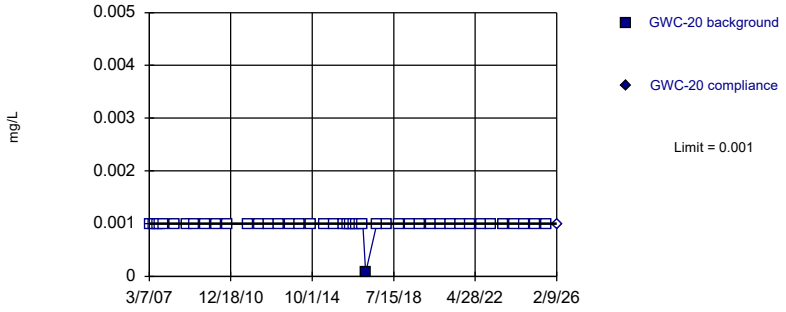
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 93.48% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Lead Analysis Run 4/8/2026 12:57 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 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 45 background values. 97.78% NDs. Well-constituent pair annual alpha = 0.001911. Individual comparison alpha = 0.0009557 (1 of 2).

Constituent: Lead Analysis Run 4/8/2026 12:57 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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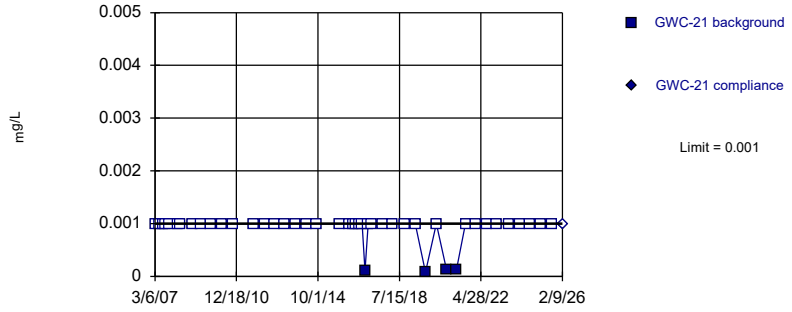
Prediction Limit

Intrawell Non-parametric



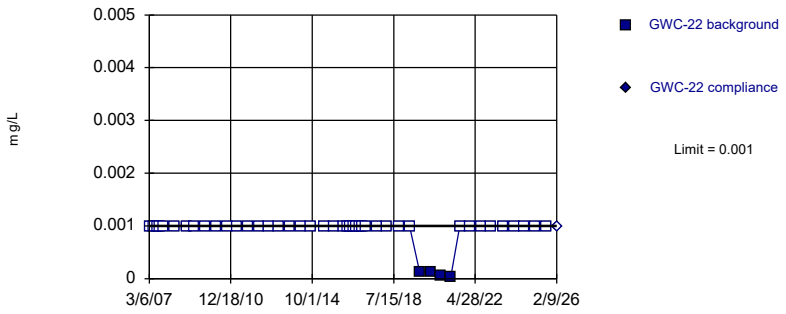
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 45 background values. 91.11% NDs. Well-constituent pair annual alpha = 0.001911. Individual comparison alpha = 0.0009557 (1 of 2).

Constituent: Lead Analysis Run 4/8/2026 12:57 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



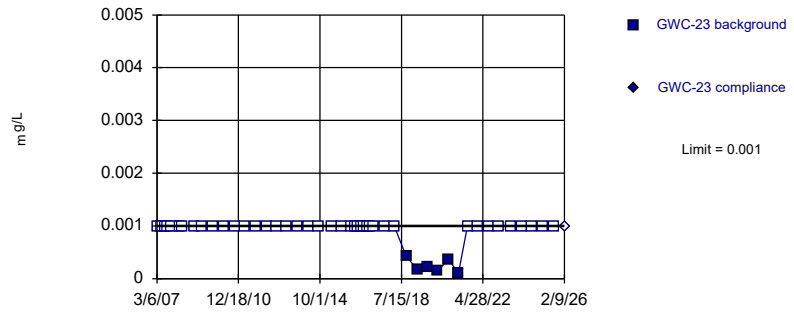
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Lead Analysis Run 4/8/2026 12:57 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



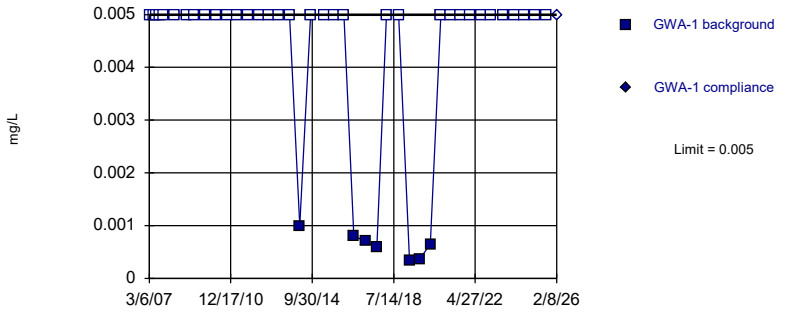
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 47 background values. 87.23% NDs. Well-constituent pair annual alpha = 0.001748. Individual comparison alpha = 0.0008745 (1 of 2).

Constituent: Lead Analysis Run 4/8/2026 12:57 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



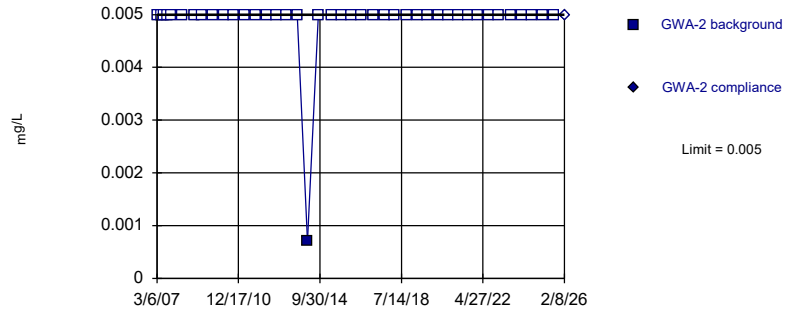
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 82.93% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Nickel Analysis Run 4/8/2026 12:58 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



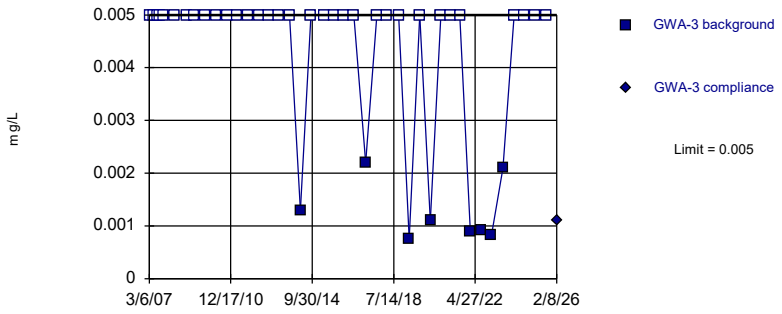
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 97.56% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Nickel Analysis Run 4/8/2026 12:58 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



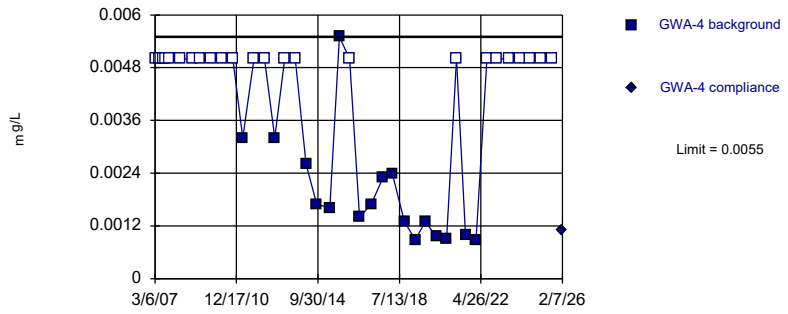
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 80.49% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Nickel Analysis Run 4/8/2026 12:58 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



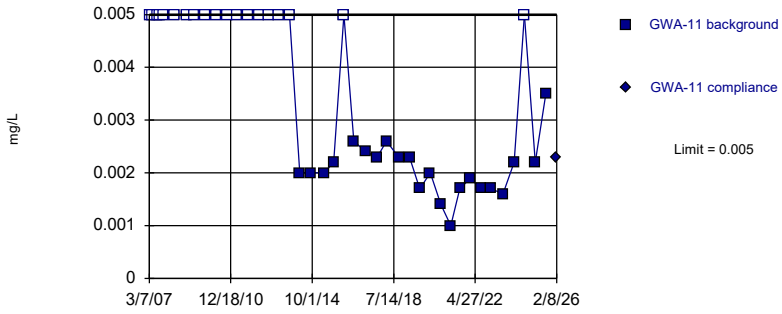
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 58.54% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Nickel Analysis Run 4/8/2026 12:58 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



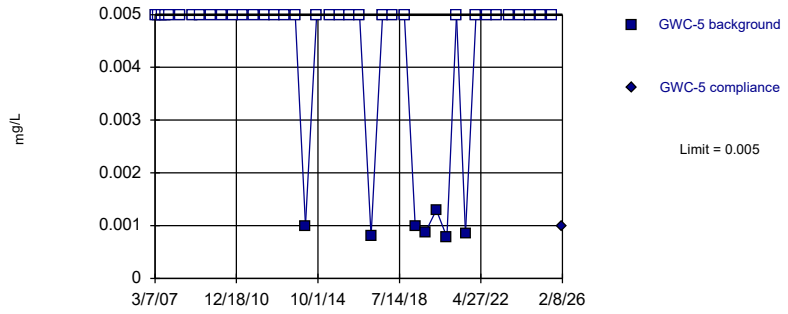
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 41 background values. 46.34% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Nickel Analysis Run 4/8/2026 12:58 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



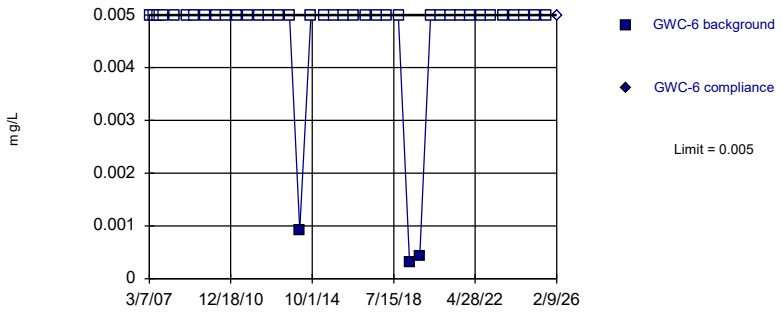
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 82.93% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Nickel Analysis Run 4/8/2026 12:58 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



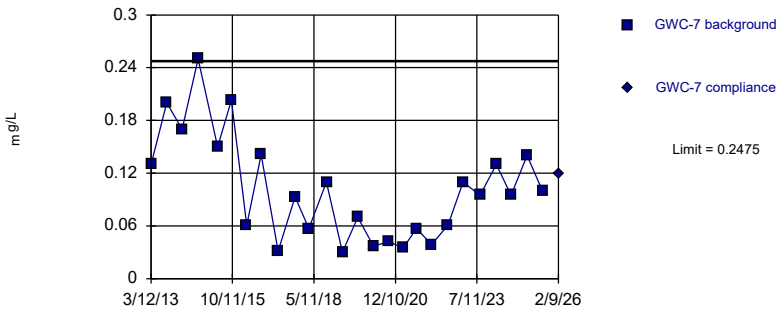
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 92.68% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Nickel Analysis Run 4/8/2026 12:58 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Within Limit

Prediction Limit

Intrawell Parametric



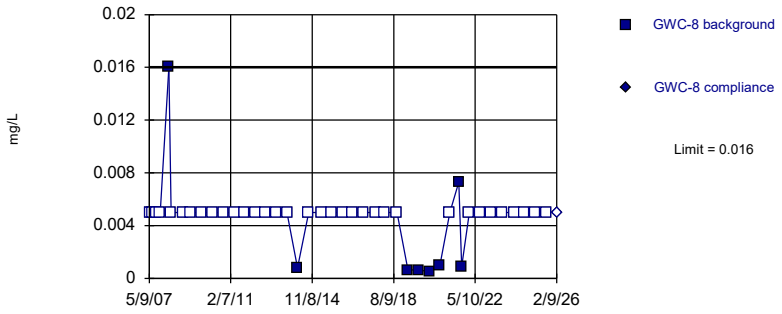
Background Data Summary: Mean=0.1014, Std. Dev.=0.05946, n=26. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.924, critical = 0.891. Kappa = 2.456 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

Constituent: Nickel Analysis Run 4/8/2026 12:58 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



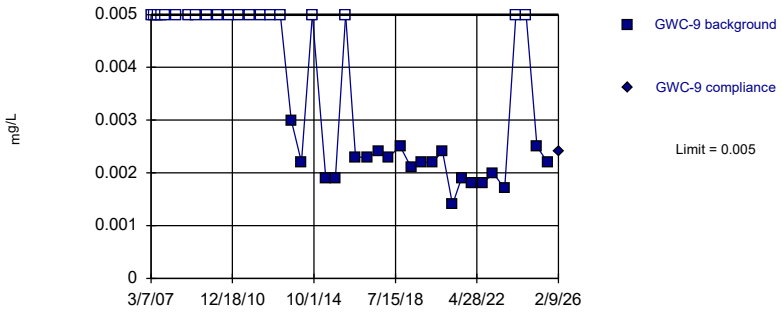
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 80.95% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Nickel Analysis Run 4/8/2026 12:58 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



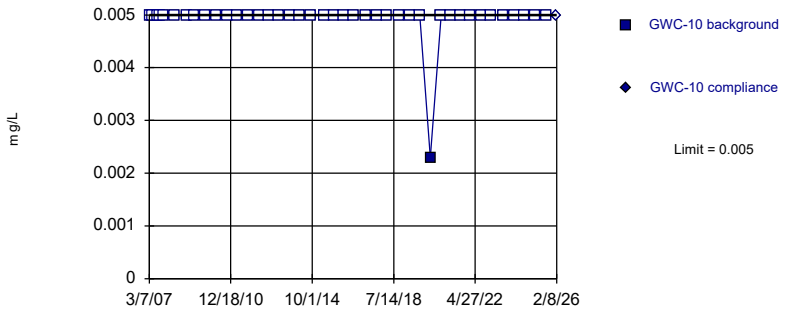
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 41 background values. 48.78% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Nickel Analysis Run 4/8/2026 12:58 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



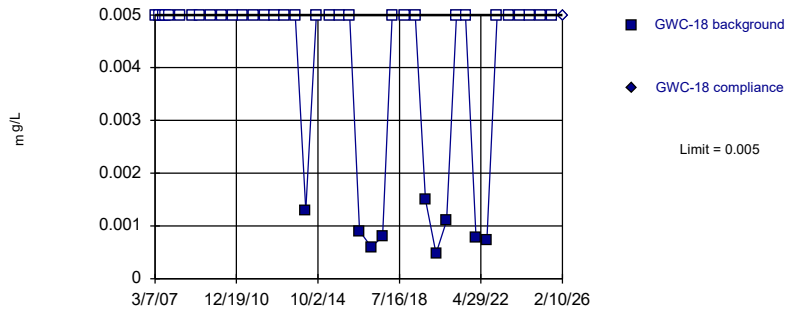
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 97.56% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Nickel Analysis Run 4/8/2026 12:58 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



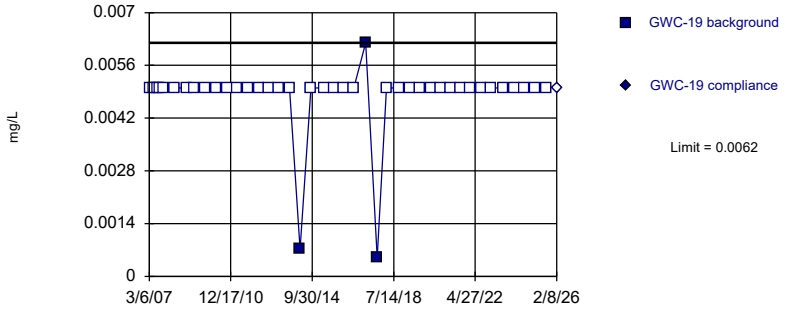
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 78.05% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Nickel Analysis Run 4/8/2026 12:58 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



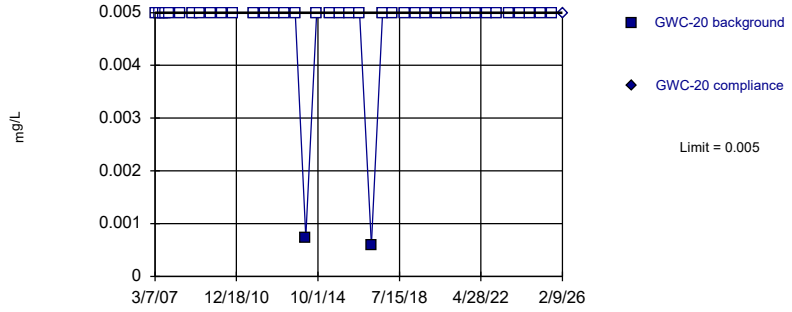
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 92.68% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Nickel Analysis Run 4/8/2026 12:58 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



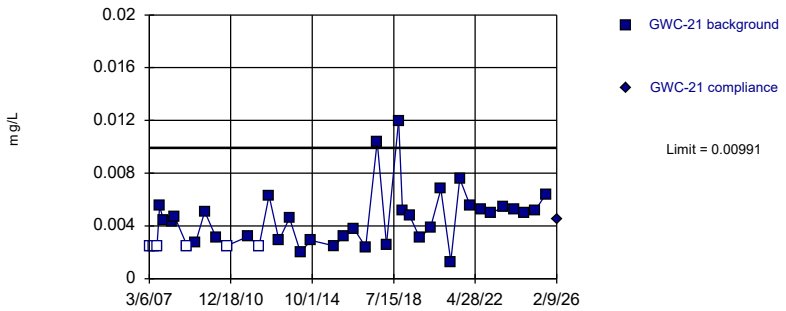
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 40 background values. 95% NDs. Well-constituent pair annual alpha = 0.002316. Individual comparison alpha = 0.001159 (1 of 2).

Constituent: Nickel Analysis Run 4/8/2026 12:58 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Parametric



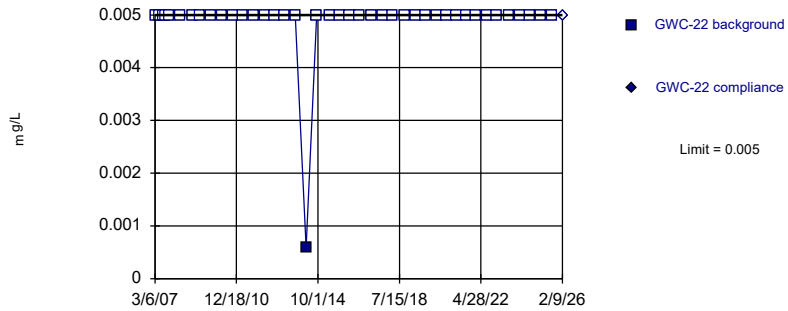
Background Data Summary (based on square root transformation): Mean=0.06442, Std. Dev.=0.01517, n=41, 14.63% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9313, critical = 0.92. Kappa = 2.315 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

Constituent: Nickel Analysis Run 4/8/2026 12:58 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



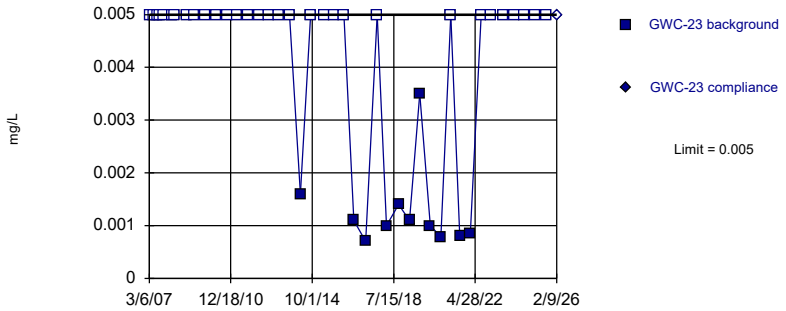
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 97.56% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Nickel Analysis Run 4/8/2026 12:58 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



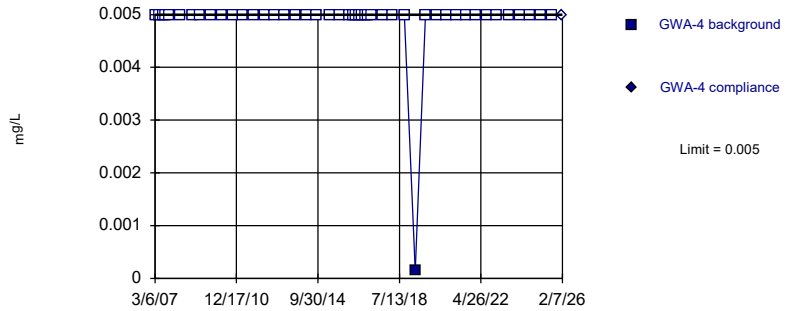
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 73.81% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Nickel Analysis Run 4/8/2026 12:58 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



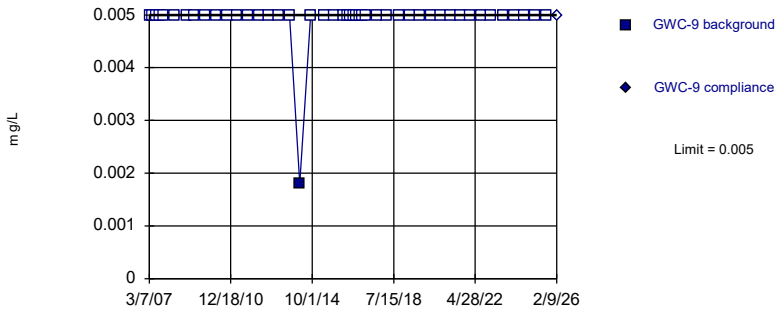
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 97.83% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Selenium Analysis Run 4/8/2026 12:58 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



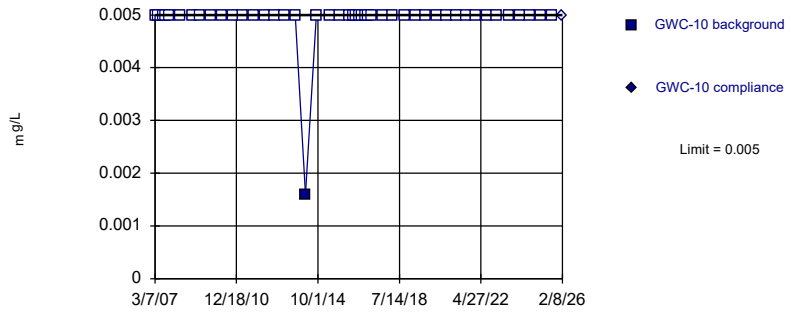
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 97.83% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Selenium Analysis Run 4/8/2026 12:58 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



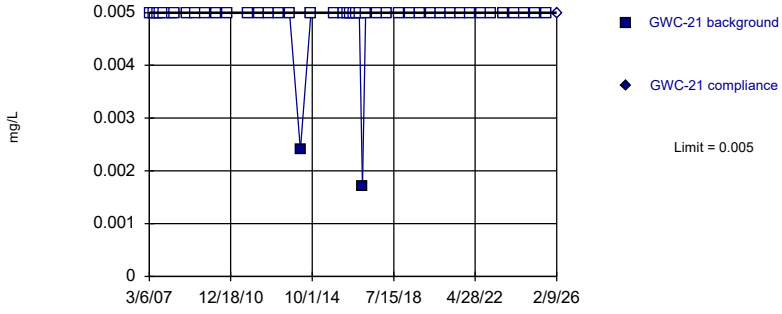
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 97.83% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Selenium Analysis Run 4/8/2026 12:58 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



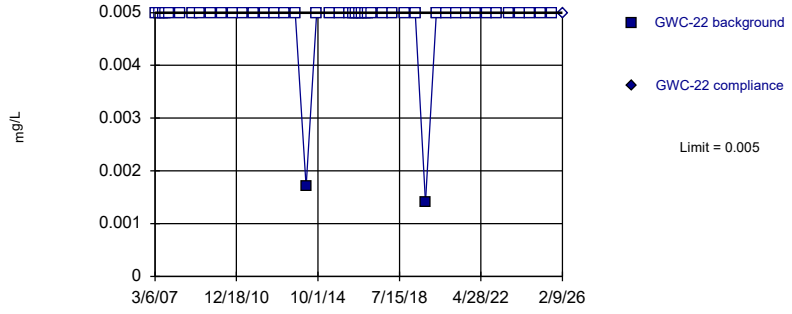
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 45 background values. 95.56% NDs. Well-constituent pair annual alpha = 0.001911. Individual comparison alpha = 0.0009557 (1 of 2).

Constituent: Selenium Analysis Run 4/8/2026 12:58 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



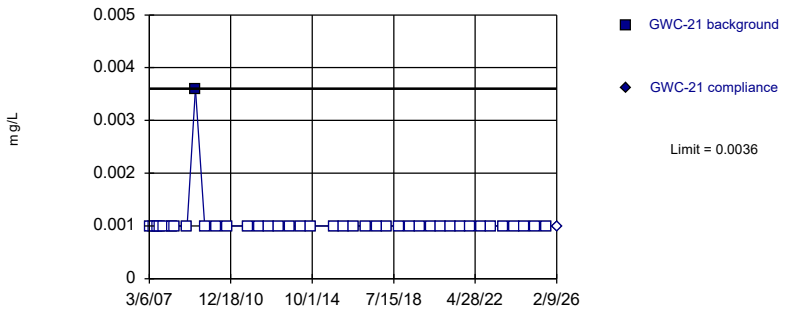
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Selenium Analysis Run 4/8/2026 12:58 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



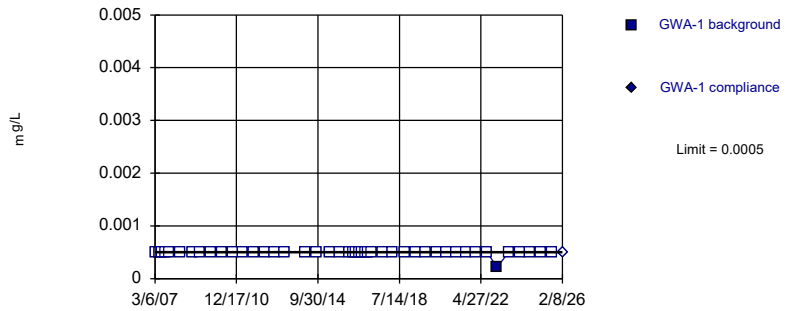
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 40 background values. 97.5% NDs. Well-constituent pair annual alpha = 0.002316. Individual comparison alpha = 0.001159 (1 of 2).

Constituent: Silver Analysis Run 4/8/2026 12:58 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



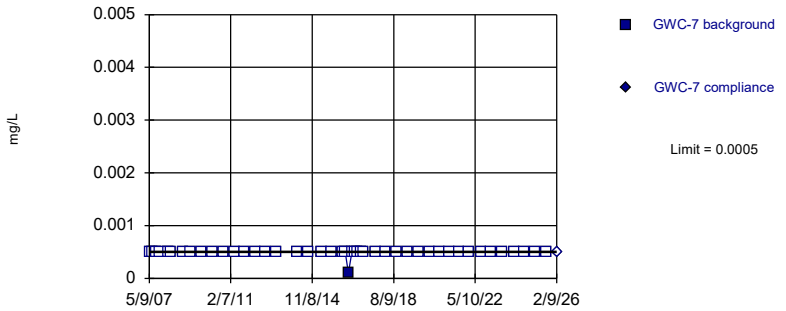
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 45 background values. 97.78% NDs. Well-constituent pair annual alpha = 0.001911. Individual comparison alpha = 0.0009557 (1 of 2).

Constituent: Thallium Analysis Run 4/8/2026 12:58 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



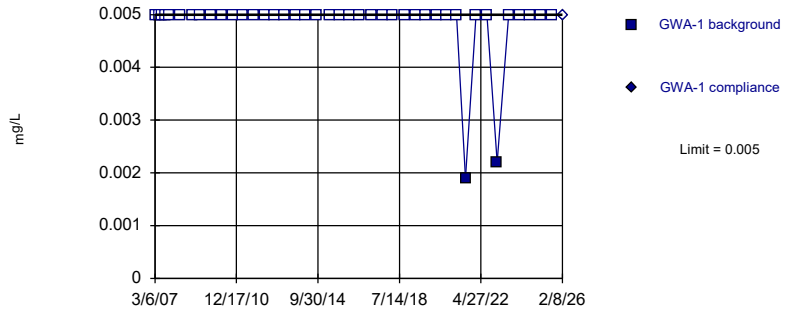
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 45 background values. 97.78% NDs. Well-constituent pair annual alpha = 0.001911. Individual comparison alpha = 0.0009557 (1 of 2).

Constituent: Thallium Analysis Run 4/8/2026 12:58 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



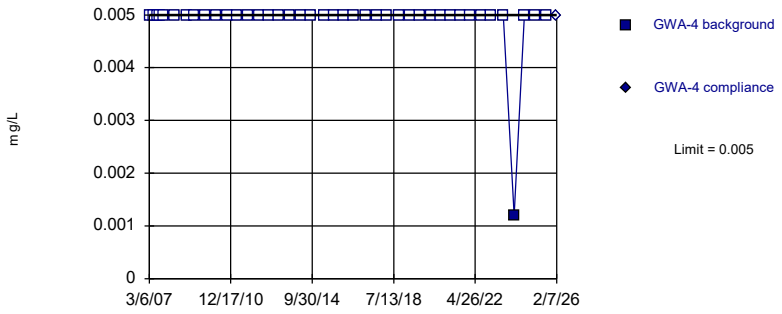
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 95.12% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Vanadium Analysis Run 4/8/2026 12:58 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



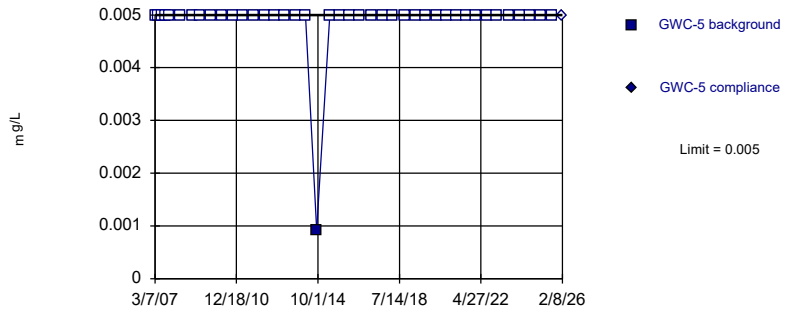
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 97.56% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Vanadium Analysis Run 4/8/2026 12:58 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



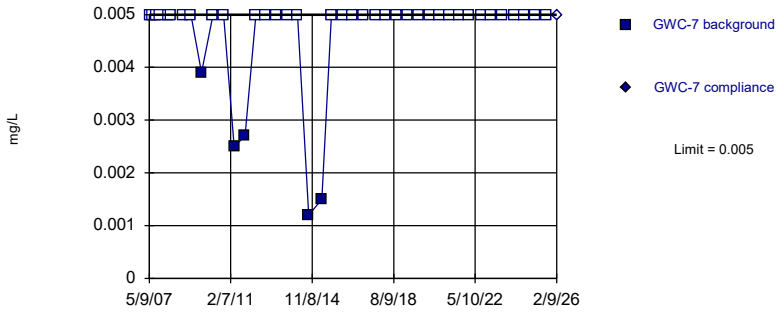
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 97.56% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Vanadium Analysis Run 4/8/2026 12:58 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



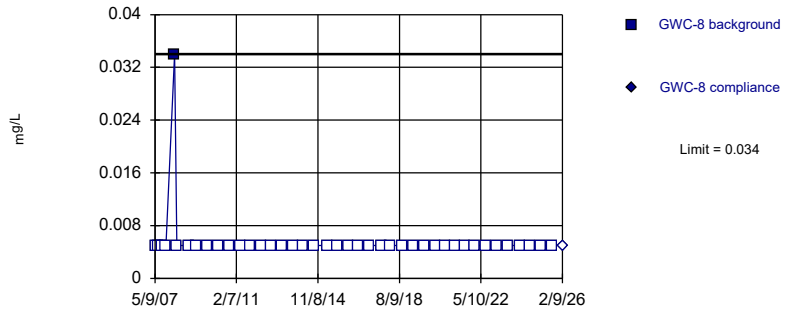
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 87.8% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Vanadium Analysis Run 4/8/2026 12:58 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



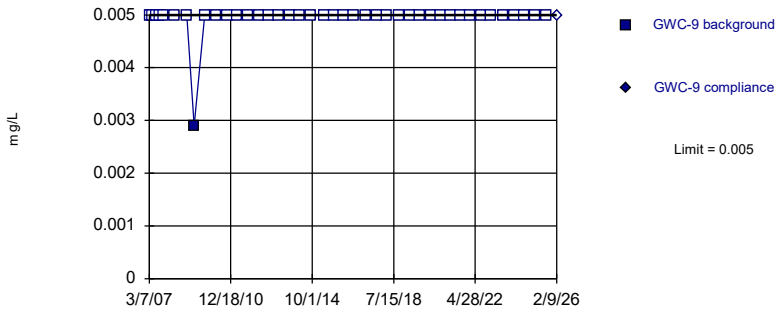
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 97.56% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Vanadium Analysis Run 4/8/2026 12:58 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



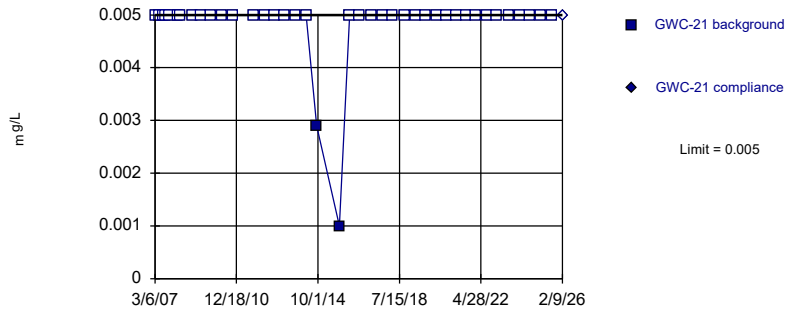
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 97.56% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Vanadium Analysis Run 4/8/2026 12:59 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



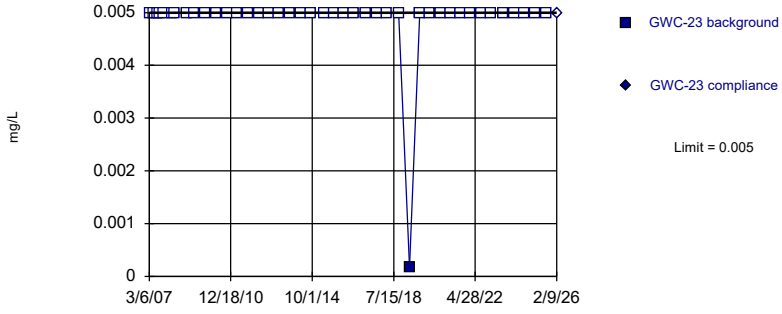
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 40 background values. 95% NDs. Well-constituent pair annual alpha = 0.002316. Individual comparison alpha = 0.001159 (1 of 2).

Constituent: Vanadium Analysis Run 4/8/2026 12:59 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



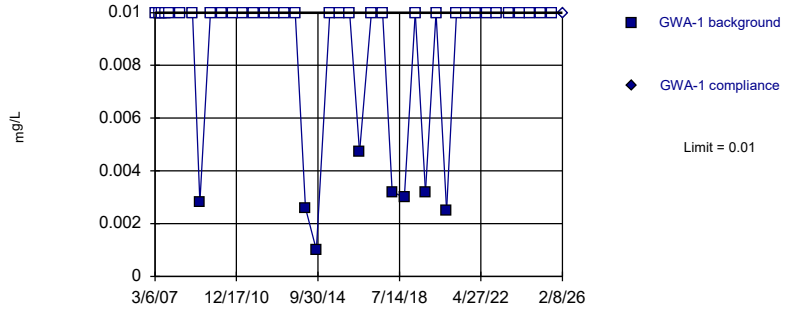
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Vanadium Analysis Run 4/8/2026 12:59 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



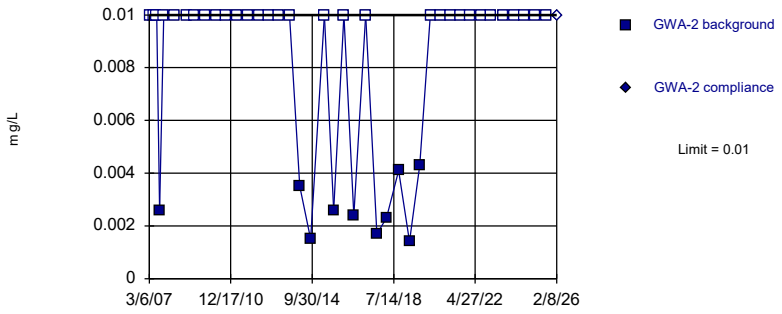
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 80.49% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Zinc Analysis Run 4/8/2026 12:59 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



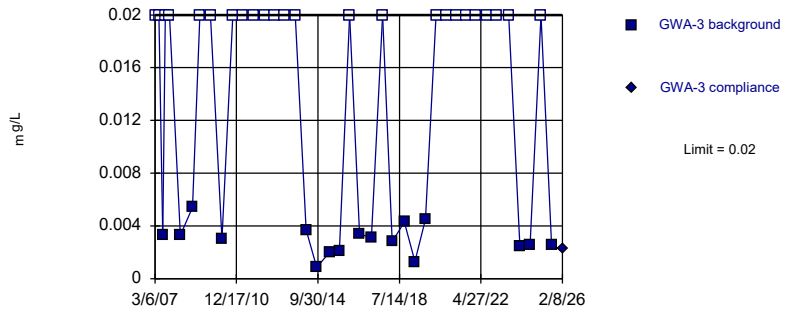
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 75.61% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Zinc Analysis Run 4/8/2026 12:59 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



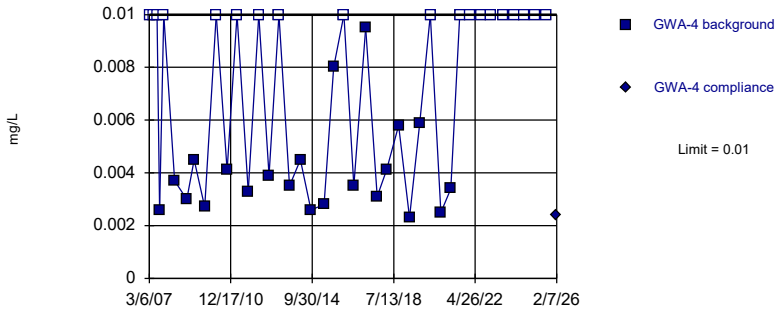
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 58.54% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Zinc Analysis Run 4/8/2026 12:59 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



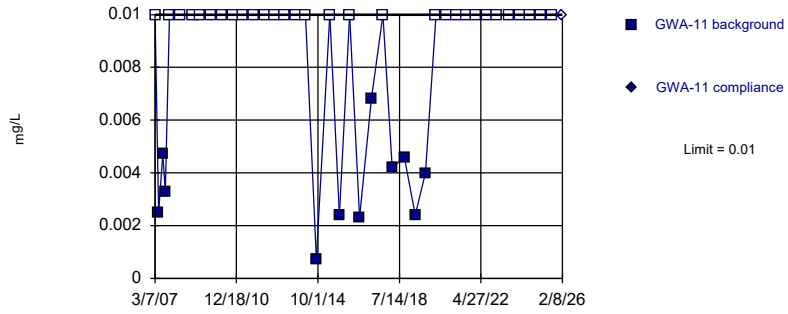
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 41 background values. 46.34% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Zinc Analysis Run 4/8/2026 12:59 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



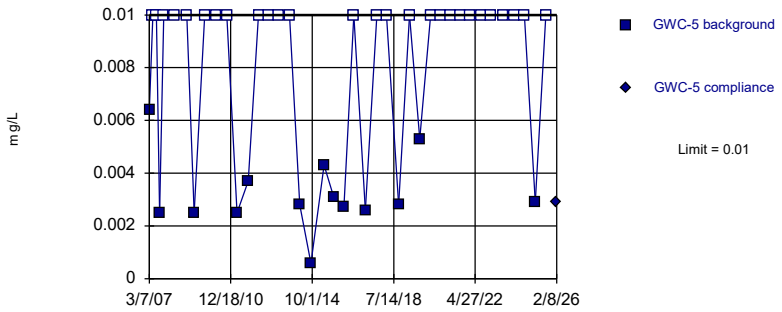
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 73.17% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Zinc Analysis Run 4/8/2026 12:59 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



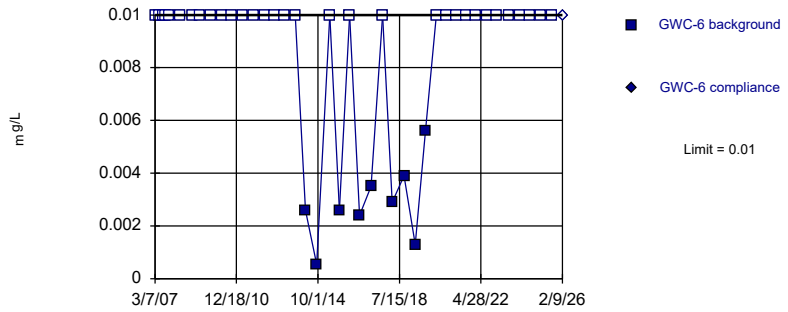
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 65.85% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Zinc Analysis Run 4/8/2026 12:59 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



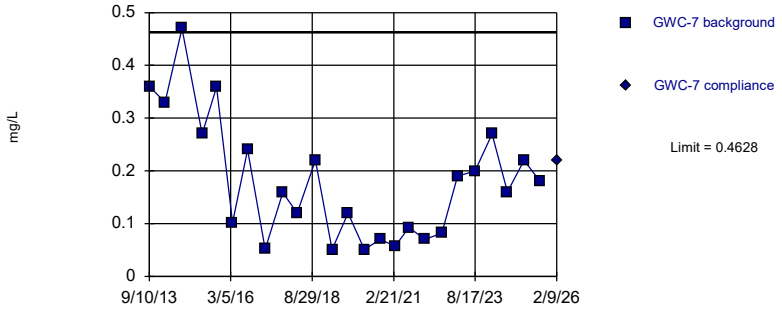
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 78.05% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Zinc Analysis Run 4/8/2026 12:59 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Within Limit

Prediction Limit

Intrawell Parametric



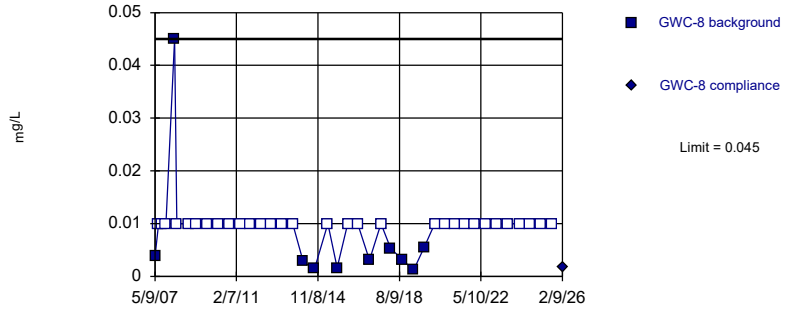
Background Data Summary: Mean=0.1798, Std. Dev.=0.1146, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9147, critical = 0.888. Kappa = 2.47 (c=15, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002926.

Constituent: Zinc Analysis Run 4/8/2026 12:59 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



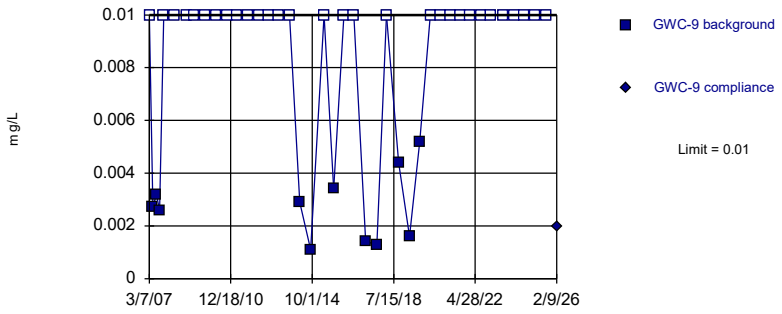
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 75.61% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Zinc Analysis Run 4/8/2026 12:59 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



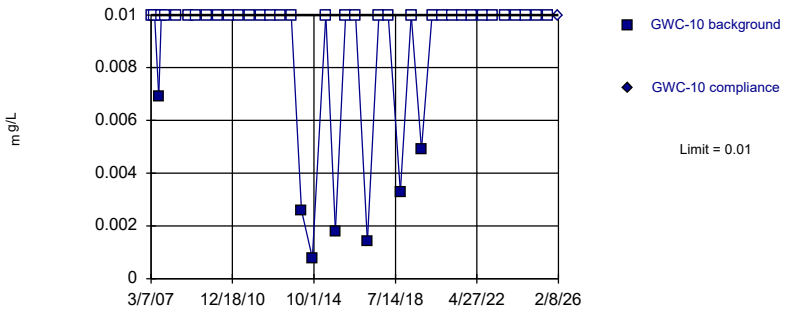
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 73.17% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Zinc Analysis Run 4/8/2026 12:59 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



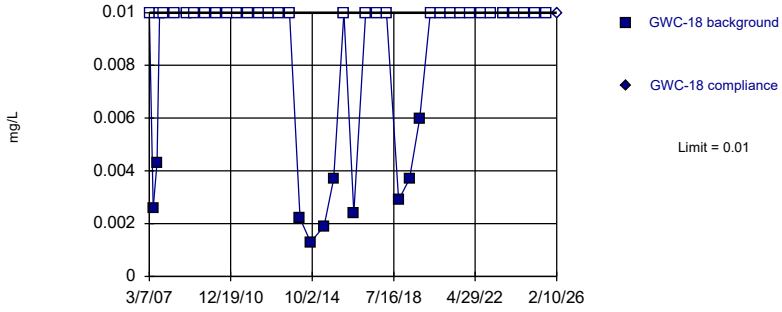
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 82.93% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Zinc Analysis Run 4/8/2026 12:59 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



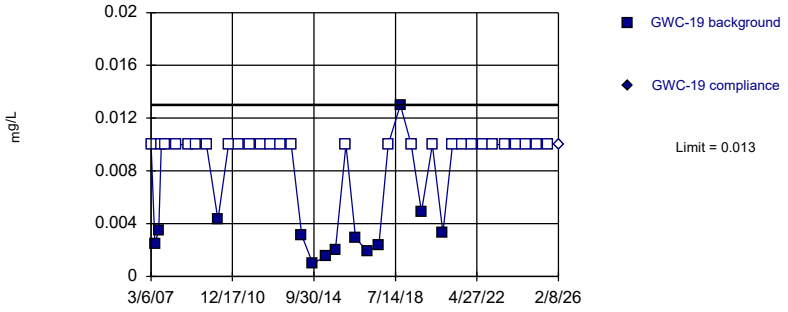
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 75.61% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Zinc Analysis Run 4/8/2026 12:59 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



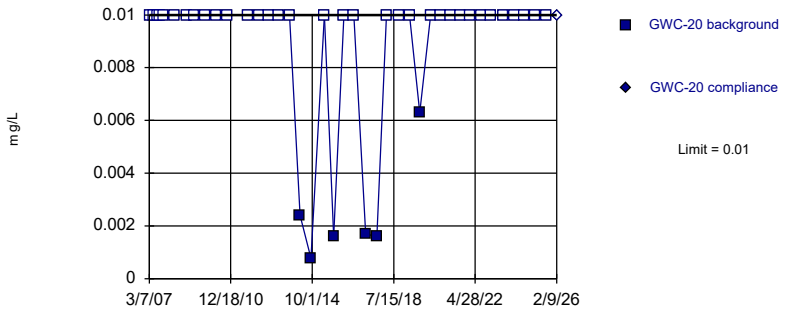
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 68.29% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Zinc Analysis Run 4/8/2026 12:59 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



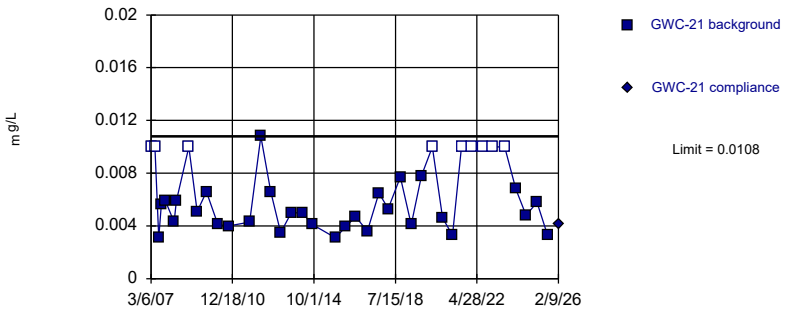
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 40 background values. 85% NDs. Well-constituent pair annual alpha = 0.002316. Individual comparison alpha = 0.001159 (1 of 2).

Constituent: Zinc Analysis Run 4/8/2026 12:59 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



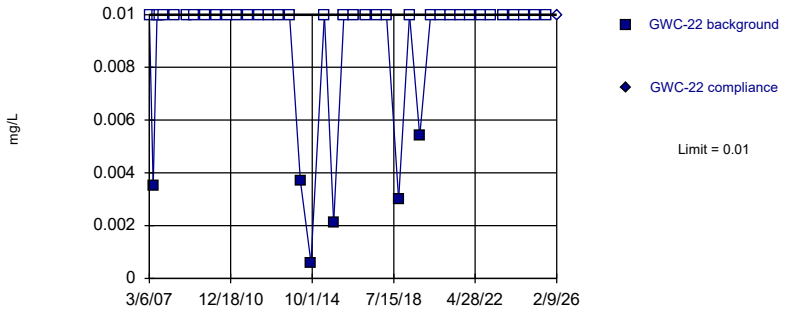
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 40 background values. 22.5% NDs. Well-constituent pair annual alpha = 0.002316. Individual comparison alpha = 0.001159 (1 of 2).

Constituent: Zinc Analysis Run 4/8/2026 12:59 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



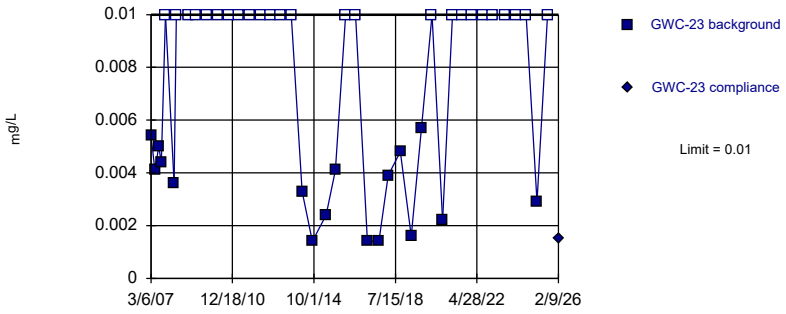
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 85.37% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Zinc Analysis Run 4/8/2026 12:59 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Sanitas™ v.10.1.06 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. 59.52% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Zinc Analysis Run 4/8/2026 12:59 PM View: Appendix I Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/8/2026 1:02 PM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1	GWA-1
3/6/2007	<0.002	
5/8/2007	<0.002	
7/7/2007	<0.002	
8/28/2007	<0.002	
11/6/2007	<0.002	
5/9/2008	<0.002	
12/3/2008	<0.002	
4/7/2009	<0.002	
10/1/2009	<0.002	
4/14/2010	<0.002	
10/13/2010	<0.002	
4/6/2011	<0.002	
10/10/2011	<0.002	
4/3/2012	<0.002	
9/24/2012	<0.002	
3/12/2013	<0.002	
9/11/2013	<0.002	
3/4/2014	<0.002	
9/3/2014	<0.002	
4/21/2015	<0.002	
9/30/2015	<0.002	
3/22/2016	<0.002	
5/17/2016	<0.002	
7/5/2016	<0.002	
9/7/2016	<0.002	
10/18/2016	<0.002	
12/6/2016	<0.002	
1/31/2017	<0.002	
3/23/2017	<0.002	
10/4/2017	<0.002	
3/14/2018	<0.002	
10/4/2018	<0.002	
4/8/2019	<0.002	
9/30/2019	<0.002	
3/26/2020	0.00028 (J)	
9/23/2020	<0.002	
3/8/2021	<0.002	
8/9/2021	<0.002	
2/4/2022	<0.002	
8/8/2022	0.00084 (J)	
1/30/2023	<0.002	
8/14/2023	0.0028 (J)	
2/19/2024	<0.002	
8/11/2024	<0.002	
2/11/2025	<0.002	
8/9/2025	<0.002	
2/8/2026		<0.002

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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/8/2026 1:02 PM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-2	GWA-2
3/6/2007	<0.002	
5/8/2007	<0.002	
7/7/2007	<0.002	
8/28/2007	<0.002	
11/6/2007	<0.002	
5/9/2008	<0.002	
12/3/2008	<0.002	
4/7/2009	<0.002	
10/1/2009	<0.002	
4/13/2010	<0.002	
10/7/2010	<0.002	
4/6/2011	<0.002	
10/6/2011	<0.002	
4/3/2012	<0.002	
9/19/2012	<0.002	
3/12/2013	<0.002	
9/9/2013	<0.002	
3/4/2014	<0.002	
9/3/2014	<0.002	
4/22/2015	<0.002	
9/30/2015	<0.002	
3/22/2016	<0.002	
5/17/2016	<0.002	
7/5/2016	<0.002	
9/7/2016	0.0021 (J)	
10/18/2016	<0.002	
12/7/2016	<0.002	
1/31/2017	<0.002	
3/23/2017	<0.002	
10/4/2017	<0.002	
3/14/2018	<0.002	
10/4/2018	<0.002	
4/8/2019	<0.002	
9/30/2019	<0.002	
3/26/2020	0.00049 (J)	
9/21/2020	<0.002	
3/9/2021	<0.002	
8/9/2021	0.0023 (J)	
2/4/2022	<0.002	
8/8/2022	<0.002	
1/30/2023	<0.002	
8/14/2023	<0.002	
2/19/2024	<0.002	
8/10/2024	<0.002	
2/11/2025	<0.002	
8/9/2025	<0.002	
2/8/2026		<0.002

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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/8/2026 1:02 PM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-3	GWA-3
3/6/2007	<0.002	
5/8/2007	<0.002	
7/17/2007	<0.002	
8/28/2007	<0.002	
11/6/2007	<0.002	
5/8/2008	<0.002	
12/3/2008	<0.002	
4/7/2009	<0.002	
10/2/2009	<0.002	
4/14/2010	<0.002	
10/14/2010	<0.002	
4/5/2011	<0.002	
10/12/2011	<0.002	
4/4/2012	<0.002	
9/26/2012	<0.002	
3/12/2013	<0.002	
9/10/2013	<0.002	
3/11/2014	<0.002	
9/8/2014	<0.002	
4/21/2015	<0.002	
9/29/2015	<0.002	
3/22/2016	<0.002	
5/17/2016	<0.002	
7/5/2016	<0.002	
9/7/2016	0.0009 (J)	
10/18/2016	<0.002	
12/6/2016	<0.002	
2/1/2017	<0.002	
3/23/2017	<0.002	
10/4/2017	<0.002	
3/15/2018	<0.002	
10/4/2018	<0.002	
4/5/2019	<0.002	
9/30/2019	<0.002	
3/26/2020	<0.002	
9/23/2020	<0.002	
3/8/2021	<0.002	
8/9/2021	<0.002	
2/4/2022	<0.002	
8/8/2022	<0.002	
1/30/2023	<0.002	
8/14/2023	<0.002	
2/19/2024	<0.002	
8/11/2024	<0.002	
2/11/2025	<0.002	
8/9/2025	<0.002	
2/8/2026		<0.002

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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/8/2026 1:02 PM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-4	GWA-4
3/6/2007	<0.002	
5/8/2007	<0.002	
7/17/2007	<0.002	
8/28/2007	<0.002	
11/6/2007	<0.002	
5/8/2008	<0.002	
12/3/2008	<0.002	
4/7/2009	<0.002	
10/2/2009	<0.002	
4/14/2010	<0.002	
10/14/2010	<0.002	
4/5/2011	<0.002	
10/12/2011	<0.002	
4/4/2012	<0.002	
9/24/2012	<0.002	
3/12/2013	<0.002	
9/10/2013	<0.002	
3/11/2014	<0.002	
9/8/2014	<0.002	
4/21/2015	<0.002	
9/29/2015	<0.002	
3/22/2016	<0.002	
5/17/2016	<0.002	
7/6/2016	0.0003 (J)	
9/7/2016	<0.002	
10/18/2016	<0.002	
12/6/2016	<0.002	
2/1/2017	<0.002	
3/24/2017	<0.002	
10/4/2017	<0.002	
3/15/2018	<0.002	
10/4/2018	<0.002	
4/8/2019	<0.002	
9/30/2019	<0.002	
3/26/2020	<0.002	
9/23/2020	<0.002	
3/8/2021	0.0016 (J)	
8/9/2021	<0.002	
2/4/2022	<0.002	
8/8/2022	<0.002	
1/30/2023	<0.002	
8/14/2023	<0.002	
2/19/2024	<0.002	
8/11/2024	<0.002	
2/11/2025	<0.002	
8/9/2025	<0.002	
2/7/2026		<0.002

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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/8/2026 1:02 PM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-11	GWA-11
3/7/2007	<0.002	
5/8/2007	<0.002	
7/17/2007	<0.002	
8/28/2007	<0.002	
11/7/2007	<0.002	
5/9/2008	<0.002	
12/2/2008	<0.002	
4/8/2009	<0.002	
10/1/2009	<0.002	
4/14/2010	<0.002	
10/13/2010	<0.002	
4/6/2011	<0.002	
10/4/2011	<0.002	
4/10/2012	<0.002	
9/26/2012	<0.002	
3/12/2013	<0.002	
9/10/2013	<0.002	
3/4/2014	<0.002	
9/3/2014	<0.002	
4/21/2015	<0.002	
9/29/2015	<0.002	
3/22/2016	<0.002	
5/17/2016	<0.002	
7/6/2016	0.0003 (J)	
9/7/2016	<0.002	
10/18/2016	<0.002	
12/6/2016	<0.002	
2/1/2017	<0.002	
3/24/2017	<0.002	
10/5/2017	<0.002	
3/15/2018	<0.002	
10/4/2018	<0.002	
4/8/2019	<0.002	
9/30/2019	<0.002	
3/26/2020	<0.002	
9/22/2020	<0.002	
3/8/2021	0.0005 (J)	
8/10/2021	<0.002	
2/4/2022	<0.002	
8/8/2022	<0.002	
1/30/2023	<0.002	
8/14/2023	<0.002	
2/19/2024	<0.002	
8/11/2024	<0.002	
2/11/2025	<0.002	
8/9/2025	<0.002	
2/8/2026		<0.002

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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/8/2026 1:02 PM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-5	GWC-5
3/7/2007	<0.002	
5/8/2007	<0.002	
7/6/2007	<0.002	
8/28/2007	<0.002	
11/6/2007	<0.002	
5/8/2008	<0.002	
12/3/2008	<0.002	
4/7/2009	<0.002	
10/1/2009	<0.002	
4/14/2010	<0.002	
10/14/2010	<0.002	
4/5/2011	<0.002	
10/12/2011	<0.002	
4/4/2012	<0.002	
9/24/2012	<0.002	
3/12/2013	<0.002	
9/10/2013	<0.002	
3/5/2014	<0.002	
9/9/2014	<0.002	
4/21/2015	<0.002	
9/29/2015	<0.002	
3/23/2016	<0.002	
5/17/2016	<0.002	
7/6/2016	0.0004 (J)	
9/7/2016	<0.002	
10/18/2016	<0.002	
12/8/2016	<0.002	
2/1/2017	<0.002	
3/23/2017	<0.002	
10/4/2017	<0.002	
3/16/2018	<0.002	
10/4/2018	<0.002	
4/9/2019	<0.002	
10/1/2019	<0.002	
3/31/2020	<0.002	
9/25/2020	0.00052 (J)	
3/9/2021	<0.002	
8/10/2021	<0.002	
2/4/2022	<0.002	
8/9/2022	<0.002	
1/31/2023	<0.002	
8/15/2023	<0.002	
2/20/2024	<0.002	
8/12/2024	<0.002	
2/11/2025	<0.002	
8/10/2025	<0.002	
2/8/2026		<0.002

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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/8/2026 1:02 PM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-6	GWC-6
3/7/2007	<0.002	
5/9/2007	<0.002	
7/17/2007	<0.002	
8/28/2007	<0.002	
11/6/2007	<0.002	
5/8/2008	<0.002	
12/3/2008	<0.002	
4/7/2009	<0.002	
10/1/2009	<0.002	
4/13/2010	<0.002	
10/6/2010	<0.002	
4/5/2011	<0.002	
10/4/2011	<0.002	
4/3/2012	<0.002	
9/18/2012	<0.002	
3/12/2013	<0.002	
9/9/2013	<0.002	
3/5/2014	<0.002	
9/8/2014	<0.002	
4/22/2015	<0.002	
9/29/2015	<0.002	
3/23/2016	<0.002	
5/17/2016	<0.002	
7/6/2016	0.0005 (J)	
9/7/2016	<0.002	
10/18/2016	<0.002	
12/8/2016	<0.002	
2/1/2017	<0.002	
3/23/2017	<0.002	
10/4/2017	<0.002	
3/16/2018	<0.002	
10/4/2018	<0.002	
4/8/2019	<0.002	
10/1/2019	<0.002	
3/31/2020	<0.002	
9/25/2020	<0.002	
3/9/2021	<0.002	
8/10/2021	<0.002	
2/4/2022	<0.002	
8/8/2022	<0.002	
1/31/2023	<0.002	
8/14/2023	<0.002	
2/21/2024	<0.002	
8/12/2024	<0.002	
2/12/2025	<0.002	
8/10/2025	<0.002	
2/9/2026		<0.002

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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/8/2026 1:02 PM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-7	GWC-7
5/9/2007	<0.002	
7/6/2007	<0.002	
8/28/2007	<0.002	
11/6/2007	<0.002	
3/31/2008	<0.002	
5/8/2008	<0.002	
12/2/2008	<0.002	
4/8/2009	<0.002	
10/1/2009	<0.002	
4/13/2010	<0.002	
10/7/2010	<0.002	
4/5/2011	<0.002	
10/4/2011	<0.002	
4/3/2012	<0.002	
9/18/2012	<0.002	
3/12/2013	<0.002	
9/10/2013	<0.002	
3/5/2014	<0.002	
9/8/2014	<0.002	
4/21/2015	<0.002	
9/29/2015	<0.002	
3/23/2016	<0.002	
5/18/2016	<0.002	
7/6/2016	0.0013 (J)	
9/7/2016	<0.002	
10/18/2016	<0.002	
12/8/2016	<0.002	
2/2/2017	<0.002	
3/24/2017	<0.002	
10/4/2017	<0.002	
3/15/2018	<0.002	
10/4/2018	<0.002	
4/8/2019	<0.002	
10/1/2019	<0.002	
3/30/2020	<0.002	
9/24/2020	0.0008 (J)	
3/9/2021	<0.002	
8/10/2021	<0.002	
2/4/2022	<0.002	
8/10/2022	<0.002	
1/31/2023	<0.002	
8/15/2023	<0.002	
2/21/2024	<0.002	
8/11/2024	0.0019 (J)	
2/12/2025	<0.002	
8/9/2025	<0.002	
2/9/2026		<0.002

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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/8/2026 1:02 PM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-8	GWC-8
5/9/2007	<0.002	
7/6/2007	<0.002	
8/28/2007	<0.002	
11/6/2007	0.0064 (O)	
3/31/2008	<0.002	
5/8/2008	<0.002	
12/2/2008	<0.002	
4/8/2009	<0.002	
9/30/2009	<0.002	
4/13/2010	<0.002	
10/13/2010	<0.002	
4/5/2011	<0.002	
10/4/2011	<0.002	
4/3/2012	<0.002	
9/19/2012	<0.002	
3/12/2013	<0.002	
9/10/2013	<0.002	
3/5/2014	<0.002	
9/9/2014	<0.002	
4/22/2015	<0.002	
9/29/2015	<0.002	
3/23/2016	<0.002	
5/18/2016	<0.002	
7/6/2016	0.0002 (J)	
9/8/2016	<0.002	
10/18/2016	<0.002	
12/8/2016	<0.002	
2/2/2017	<0.002	
3/24/2017	<0.002	
10/5/2017	<0.002	
3/14/2018	<0.002	
10/4/2018	<0.002	
4/8/2019	<0.002	
10/1/2019	<0.002	
3/27/2020	<0.002	
9/24/2020	0.0019 (J)	
3/9/2021	<0.002	
8/10/2021	<0.002	
2/4/2022	<0.002	
8/9/2022	<0.002	
1/31/2023	<0.002	
8/15/2023	<0.002	
2/21/2024	<0.002	
8/11/2024	<0.002	
2/12/2025	<0.002	
8/9/2025	<0.002	
2/9/2026		<0.002

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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/8/2026 1:02 PM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-9
3/7/2007	<0.002	
5/8/2007	<0.002	
7/6/2007	<0.002	
8/28/2007	<0.002	
11/6/2007	<0.002	
5/8/2008	<0.002	
12/2/2008	<0.002	
4/8/2009	<0.002	
9/30/2009	<0.002	
4/13/2010	<0.002	
10/13/2010	<0.002	
4/5/2011	<0.002	
10/4/2011	<0.002	
4/4/2012	<0.002	
9/19/2012	<0.002	
3/12/2013	<0.002	
9/10/2013	<0.002	
3/5/2014	<0.002	
9/3/2014	<0.002	
4/21/2015	<0.002	
9/29/2015	<0.002	
3/23/2016	<0.002	
5/18/2016	<0.002	
7/6/2016	<0.002	
9/8/2016	<0.002	
10/19/2016	<0.002	
12/8/2016	0.0012 (J)	
2/2/2017	<0.002	
3/27/2017	<0.002	
10/5/2017	<0.002	
3/15/2018	<0.002	
10/5/2018	<0.002	
4/8/2019	<0.002	
10/1/2019	<0.002	
3/27/2020	<0.002	
9/24/2020	0.00056 (J)	
3/9/2021	<0.002	
8/10/2021	<0.002	
2/4/2022	<0.002	
8/9/2022	<0.002	
1/31/2023	<0.002	
8/15/2023	<0.002	
2/20/2024	<0.002	
8/11/2024	<0.002	
2/11/2025	<0.002	
8/9/2025	<0.002	
2/9/2026		<0.002

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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/8/2026 1:02 PM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	GWC-10
3/7/2007	<0.002	
5/8/2007	<0.002	
7/17/2007	<0.002	
8/28/2007	<0.002	
11/7/2007	<0.002	
5/9/2008	<0.002	
12/2/2008	<0.002	
4/8/2009	<0.002	
10/1/2009	<0.002	
4/14/2010	<0.002	
10/13/2010	<0.002	
4/6/2011	<0.002	
10/4/2011	<0.002	
4/10/2012	<0.002	
9/26/2012	<0.002	
3/12/2013	<0.002	
9/10/2013	<0.002	
3/4/2014	<0.002	
9/3/2014	<0.002	
4/21/2015	<0.002	
9/30/2015	<0.002	
3/23/2016	<0.002	
5/17/2016	<0.002	
7/6/2016	0.0005 (J)	
9/7/2016	<0.002	
10/18/2016	<0.002	
12/6/2016	<0.002	
2/2/2017	<0.002	
3/27/2017	<0.002	
10/5/2017	<0.002	
3/15/2018	<0.002	
10/4/2018	<0.002	
4/9/2019	<0.002	
10/1/2019	<0.002	
3/27/2020	<0.002	
9/25/2020	<0.002	
3/9/2021	<0.002	
8/10/2021	<0.002	
2/4/2022	<0.002	
8/9/2022	<0.002	
1/30/2023	<0.002	
8/14/2023	<0.002	
2/19/2024	<0.002	
8/11/2024	<0.002	
2/11/2025	<0.002	
8/9/2025	<0.002	
2/8/2026		<0.002

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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/8/2026 1:02 PM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-18	GWC-18
3/7/2007	<0.002	
5/9/2007	<0.002	
7/17/2007	<0.002	
8/28/2007	<0.002	
11/7/2007	<0.002	
5/7/2008	<0.002	
12/3/2008	<0.002	
4/14/2009	<0.002	
10/1/2009	<0.002	
4/13/2010	<0.002	
10/12/2010	<0.002	
4/6/2011	<0.002	
10/12/2011	<0.002	
4/5/2012	<0.002	
9/19/2012	<0.002	
3/13/2013	<0.002	
9/10/2013	<0.002	
3/10/2014	<0.002	
9/3/2014	<0.002	
4/22/2015	<0.002	
9/30/2015	<0.002	
3/24/2016	<0.002	
5/18/2016	<0.002	
7/7/2016	<0.002	
9/8/2016	<0.002	
10/19/2016	<0.002	
12/8/2016	<0.002	
2/2/2017	<0.002	
3/27/2017	<0.002	
10/5/2017	<0.002	
3/16/2018	<0.002	
10/5/2018	<0.002	
4/9/2019	<0.002	
10/1/2019	<0.002	
3/30/2020	<0.002	
9/24/2020	0.00033 (J)	
3/9/2021	<0.002	
8/10/2021	<0.002	
2/4/2022	<0.002	
8/9/2022	<0.002	
1/31/2023	<0.002	
8/15/2023	0.0028 (J)	
2/20/2024	<0.002	
8/12/2024	<0.002	
2/12/2025	<0.002	
8/10/2025	<0.002	
2/10/2026		<0.002

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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/8/2026 1:02 PM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-19	GWC-19
3/6/2007	<0.002	
5/9/2007	<0.002	
7/17/2007	<0.002	
8/28/2007	<0.002	
11/7/2007	<0.002	
5/7/2008	<0.002	
12/4/2008	<0.002	
4/14/2009	<0.002	
10/2/2009	<0.002	
4/13/2010	<0.002	
10/12/2010	<0.002	
4/6/2011	<0.002	
10/12/2011	<0.002	
4/5/2012	<0.002	
9/25/2012	<0.002	
3/13/2013	<0.002	
9/11/2013	<0.002	
3/10/2014	<0.002	
9/9/2014	<0.002	
4/22/2015	<0.002	
9/30/2015	<0.002	
3/24/2016	<0.002	
5/18/2016	<0.002	
7/6/2016	0.0003 (J)	
9/8/2016	<0.002	
10/18/2016	<0.002	
12/7/2016	<0.002	
2/2/2017	<0.002	
3/27/2017	<0.002	
10/5/2017	<0.002	
3/15/2018	<0.002	
10/4/2018	<0.002	
4/9/2019	<0.002	
10/1/2019	<0.002	
3/31/2020	<0.002	
9/28/2020	<0.002	
3/10/2021	<0.002	
8/10/2021	<0.002	
2/7/2022	<0.002	
8/9/2022	<0.002	
1/31/2023	<0.002	
8/15/2023	<0.002	
2/20/2024	<0.002	
8/12/2024	<0.002	
2/11/2025	<0.002	
8/10/2025	<0.002	
2/8/2026		<0.002

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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/8/2026 1:02 PM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-22	GWC-22
3/6/2007	<0.002	
5/9/2007	<0.002	
7/17/2007	<0.002	
8/29/2007	<0.002	
11/7/2007	<0.002	
5/7/2008	<0.002	
12/5/2008	<0.002	
4/14/2009	<0.002	
9/30/2009	<0.002	
4/13/2010	<0.002	
10/12/2010	<0.002	
4/6/2011	<0.002	
10/5/2011	<0.002	
4/9/2012	<0.002	
9/25/2012	<0.002	
3/13/2013	<0.002	
9/11/2013	<0.002	
3/11/2014	<0.002	
9/9/2014	<0.002	
4/23/2015	<0.002	
9/30/2015	<0.002	
3/23/2016	<0.002	
5/18/2016	<0.002	
7/7/2016	<0.002	
9/8/2016	<0.002	
10/19/2016	<0.002	
12/7/2016	<0.002	
2/2/2017	<0.002	
3/27/2017	<0.002	
10/5/2017	<0.002	
3/15/2018	<0.002	
10/4/2018	<0.002	
4/9/2019	<0.002	
10/1/2019	<0.002	
3/31/2020	<0.002	
9/23/2020	<0.002	
3/9/2021	<0.002	
8/10/2021	<0.002	
2/7/2022	<0.002	
8/9/2022	<0.002	
1/31/2023	<0.002	
8/15/2023	<0.002	
2/20/2024	0.0007 (J)	
8/11/2024	<0.002	
2/11/2025	<0.002	
8/9/2025	<0.002	
2/9/2026		<0.002

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/8/2026 1:02 PM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-3	GWA-3
3/6/2007	<0.002	
5/8/2007	<0.002	
7/17/2007	<0.002	
8/28/2007	<0.002	
11/6/2007	<0.002	
5/8/2008	<0.002	
12/3/2008	<0.002	
4/7/2009	<0.002	
10/2/2009	<0.002	
4/14/2010	<0.002	
10/14/2010	<0.002	
4/5/2011	<0.002	
10/12/2011	<0.002	
4/4/2012	<0.002	
9/26/2012	<0.002	
3/12/2013	<0.002	
9/10/2013	<0.002	
3/11/2014	0.005	
9/8/2014	0.0034 (J)	
4/21/2015	<0.002	
9/29/2015	0.0025 (J)	
3/22/2016	<0.002	
5/17/2016	0.00129 (J)	
7/5/2016	0.001 (J)	
9/7/2016	<0.002	
10/18/2016	<0.002	
12/6/2016	<0.002	
2/1/2017	<0.002	
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	<0.002	
3/8/2021	<0.002	
8/9/2021	<0.002	
2/4/2022	<0.002	
8/8/2022	<0.002	
1/30/2023	<0.002	
8/14/2023	<0.002	
2/19/2024	0.00093 (J)	
8/11/2024	<0.002	
2/11/2025	<0.002	
8/9/2025	<0.002	
2/8/2026		<0.002

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/8/2026 1:02 PM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-4	GWA-4
3/6/2007	<0.002	
5/8/2007	<0.002	
7/17/2007	<0.002	
8/28/2007	<0.002	
11/6/2007	<0.002	
5/8/2008	<0.002	
12/3/2008	<0.002	
4/7/2009	<0.002	
10/2/2009	0.0065	
4/14/2010	<0.002	
10/14/2010	<0.002	
4/5/2011	<0.002	
10/12/2011	<0.002	
4/4/2012	<0.002	
9/24/2012	<0.002	
3/12/2013	<0.002	
9/10/2013	<0.002	
3/11/2014	<0.002	
9/8/2014	<0.002	
4/21/2015	<0.002	
9/29/2015	<0.002	
3/22/2016	<0.002	
5/17/2016	<0.002	
7/6/2016	<0.002	
9/7/2016	<0.002	
10/18/2016	<0.002	
12/6/2016	<0.002	
2/1/2017	<0.002	
3/24/2017	0.0006 (J)	
10/4/2017	<0.002	
3/15/2018	0.0014 (J)	
10/4/2018	<0.002	
4/8/2019	0.00023 (J)	
9/30/2019	<0.002	
3/26/2020	0.00044 (J)	
9/23/2020	<0.002	
3/8/2021	<0.002	
8/9/2021	<0.002	
2/4/2022	<0.002	
8/8/2022	<0.002	
1/30/2023	<0.002	
8/14/2023	<0.002	
2/19/2024	0.0018 (J)	
8/11/2024	<0.002	
2/11/2025	<0.002	
8/9/2025	<0.002	
2/7/2026		0.00046 (J)

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/8/2026 1:02 PM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-11	GWA-11
3/7/2007	<0.002	
5/8/2007	<0.002	
7/17/2007	<0.002	
8/28/2007	<0.002	
11/7/2007	<0.002	
5/9/2008	<0.002	
12/2/2008	<0.002	
4/8/2009	<0.002	
10/1/2009	<0.002	
4/14/2010	<0.002	
10/13/2010	<0.002	
4/6/2011	<0.002	
10/4/2011	<0.002	
4/10/2012	<0.002	
9/26/2012	<0.002	
3/12/2013	<0.002	
9/10/2013	<0.002	
3/4/2014	<0.002	
9/3/2014	<0.002	
4/21/2015	<0.002	
9/29/2015	<0.002	
3/22/2016	<0.002	
5/17/2016	<0.002	
7/6/2016	<0.002	
9/7/2016	<0.002	
10/18/2016	<0.002	
12/6/2016	<0.002	
2/1/2017	<0.002	
3/24/2017	<0.002	
10/5/2017	<0.002	
3/15/2018	<0.002	
10/4/2018	<0.002	
4/8/2019	0.00012 (J)	
9/30/2019	<0.002	
3/26/2020	<0.002	
9/22/2020	<0.002	
3/8/2021	<0.002	
8/10/2021	<0.002	
2/4/2022	<0.002	
8/8/2022	<0.002	
1/30/2023	<0.002	
8/14/2023	<0.002	
2/19/2024	<0.002	
8/11/2024	0.001 (J)	
2/11/2025	<0.002	
8/9/2025	<0.002	
2/8/2026		<0.002

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/8/2026 1:02 PM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-5	GWC-5
3/7/2007	<0.002	
5/8/2007	<0.002	
7/6/2007	<0.002	
8/28/2007	<0.002	
11/6/2007	<0.002	
5/8/2008	<0.002	
12/3/2008	<0.002	
4/7/2009	<0.002	
10/1/2009	<0.002	
4/14/2010	<0.002	
10/14/2010	<0.002	
4/5/2011	<0.002	
10/12/2011	<0.002	
4/4/2012	<0.002	
9/24/2012	<0.002	
3/12/2013	<0.002	
9/10/2013	<0.002	
3/5/2014	0.0017 (J)	
9/9/2014	<0.002	
4/21/2015	<0.002	
9/29/2015	<0.002	
3/23/2016	<0.002	
5/17/2016	<0.002	
7/6/2016	<0.002	
9/7/2016	<0.002	
10/18/2016	<0.002	
12/8/2016	<0.002	
2/1/2017	<0.002	
3/23/2017	<0.002	
10/4/2017	0.0006 (J)	
3/16/2018	<0.002	
10/4/2018	<0.002	
4/9/2019	<0.002	
10/1/2019	<0.002	
3/31/2020	<0.002	
9/25/2020	<0.002	
3/9/2021	<0.002	
8/10/2021	<0.002	
2/4/2022	<0.002	
8/9/2022	<0.002	
1/31/2023	<0.002	
8/15/2023	<0.002	
2/20/2024	<0.002	
8/12/2024	<0.002	
2/11/2025	<0.002	
8/10/2025	<0.002	
2/8/2026		<0.002

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/8/2026 1:02 PM 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	
8/9/2025	0.0084	
2/9/2026		0.0051

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/8/2026 1:02 PM 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	
8/9/2025	0.0028	
2/9/2026		0.0014 (J)

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/8/2026 1:02 PM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-9	GWC-9
3/7/2007	<0.002	
5/8/2007	<0.002	
7/6/2007	<0.002	
8/28/2007	<0.002	
11/6/2007	<0.002	
5/8/2008	<0.002	
12/2/2008	<0.002	
4/8/2009	<0.002	
9/30/2009	<0.002	
4/13/2010	<0.002	
10/13/2010	<0.002	
4/5/2011	<0.002	
10/4/2011	<0.002	
4/4/2012	<0.002	
9/19/2012	<0.002	
3/12/2013	<0.002	
9/10/2013	<0.002	
3/5/2014	<0.002	
9/3/2014	<0.002	
4/21/2015	<0.002	
9/29/2015	<0.002	
3/23/2016	<0.002	
5/18/2016	<0.002	
7/6/2016	<0.002	
9/8/2016	<0.002	
10/19/2016	<0.002	
12/8/2016	<0.002	
2/2/2017	<0.002	
3/27/2017	<0.002	
10/5/2017	<0.002	
3/15/2018	<0.002	
10/5/2018	<0.002	
4/8/2019	<0.002	
10/1/2019	0.00071 (J)	
3/27/2020	<0.002	
9/24/2020	<0.002	
3/9/2021	<0.002	
8/10/2021	<0.002	
2/4/2022	<0.002	
8/9/2022	<0.002	
1/31/2023	<0.002	
8/15/2023	<0.002	
2/20/2024	<0.002	
8/11/2024	<0.002	
2/11/2025	<0.002	
8/9/2025	<0.002	
2/9/2026		<0.002

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/8/2026 1:02 PM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-18	GWC-18
3/7/2007	<0.002	
5/9/2007	<0.002	
7/17/2007	<0.002	
8/28/2007	<0.002	
11/7/2007	<0.002	
5/7/2008	<0.002	
12/3/2008	<0.002	
4/14/2009	<0.002	
10/1/2009	<0.002	
4/13/2010	<0.002	
10/12/2010	<0.002	
4/6/2011	<0.002	
10/12/2011	<0.002	
4/5/2012	<0.002	
9/19/2012	<0.002	
3/13/2013	<0.002	
9/10/2013	<0.002	
3/10/2014	<0.002	
9/3/2014	<0.002	
4/22/2015	<0.002	
9/30/2015	<0.002	
3/24/2016	<0.002	
5/18/2016	<0.002	
7/7/2016	<0.002	
9/8/2016	<0.002	
10/19/2016	<0.002	
12/8/2016	<0.002	
2/2/2017	<0.002	
3/27/2017	0.0005 (J)	
10/5/2017	<0.002	
3/16/2018	<0.002	
10/5/2018	<0.002	
4/9/2019	0.00063 (J)	
10/1/2019	<0.002	
3/30/2020	0.00073 (J)	
9/24/2020	<0.002	
3/9/2021	<0.002	
8/10/2021	<0.002	
2/4/2022	<0.002	
8/9/2022	<0.002	
1/31/2023	<0.002	
8/15/2023	<0.002	
2/20/2024	<0.002	
8/12/2024	<0.002	
2/12/2025	<0.002	
8/10/2025	<0.002	
2/10/2026		<0.002

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/8/2026 1:02 PM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-21	GWC-21
3/6/2007	<0.002	
5/9/2007	<0.002	
7/17/2007	<0.002	
8/29/2007	<0.002	
11/7/2007	<0.002	
3/31/2008	<0.002	
5/7/2008	<0.002	
12/5/2008	<0.002	
4/27/2009	<0.002	
9/30/2009	<0.002	
4/13/2010	<0.002	
10/12/2010	<0.002	
10/5/2011	<0.002	
4/10/2012	<0.002	
9/26/2012	<0.002	
3/13/2013	<0.002	
9/11/2013	<0.002	
3/11/2014	<0.002	
9/9/2014	<0.002	
9/30/2015	0.0023 (J)	
3/24/2016	<0.002	
5/18/2016	<0.002	
7/7/2016	0.0012 (J)	
9/8/2016	<0.002	
10/19/2016	<0.002	
12/7/2016	<0.002	
2/2/2017	<0.002	
3/27/2017	<0.002	
10/5/2017	0.001 (J)	
3/15/2018	<0.002	
10/4/2018	0.0034 (J)	
4/9/2019	0.0018 (J)	
10/1/2019	<0.002	
3/31/2020	0.00035 (J)	
9/24/2020	0.0011 (J)	
3/9/2021	<0.002	
8/10/2021	<0.002	
2/7/2022	<0.002	
8/9/2022	<0.002	
1/31/2023	<0.002	
8/15/2023	<0.002	
2/20/2024	<0.002	
8/11/2024	<0.002	
2/11/2025	<0.002	
8/9/2025	0.0014 (J)	
2/9/2026		<0.002

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/8/2026 1:02 PM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-23	GWC-23
3/6/2007	<0.002	
5/9/2007	<0.002	
7/17/2007	<0.002	
8/29/2007	<0.002	
11/7/2007	<0.002	
3/31/2008	<0.002	
5/7/2008	<0.002	
12/5/2008	<0.002	
4/14/2009	<0.002	
10/1/2009	<0.002	
4/14/2010	<0.002	
10/13/2010	<0.002	
4/6/2011	<0.002	
10/12/2011	<0.002	
4/9/2012	<0.002	
9/19/2012	<0.002	
3/13/2013	<0.002	
9/10/2013	<0.002	
3/11/2014	<0.002	
9/3/2014	<0.002	
4/23/2015	<0.002	
9/30/2015	<0.002	
3/23/2016	<0.002	
5/19/2016	<0.002	
7/7/2016	<0.002	
9/8/2016	<0.002	
10/19/2016	<0.002	
12/7/2016	<0.002	
2/3/2017	<0.002	
3/27/2017	<0.002	
10/5/2017	<0.002	
3/15/2018	<0.002	
10/5/2018	<0.002	
4/8/2019	0.00034 (J)	
10/1/2019	0.00082 (J)	
3/26/2020	<0.002	
9/23/2020	<0.002	
3/9/2021	<0.002	
8/10/2021	<0.002	
2/7/2022	<0.002	
8/8/2022	<0.002	
1/31/2023	<0.002	
8/14/2023	<0.002	
2/20/2024	<0.002	
8/12/2024	<0.002	
2/12/2025	<0.002	
8/10/2025	<0.002	
2/9/2026		<0.002

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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/8/2026 1:02 PM 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	
8/9/2025	0.035	
2/8/2026		0.04

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/8/2026 1:02 PM 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	
8/9/2025	0.2	
2/8/2026		0.21

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/8/2026 1:02 PM 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	
8/9/2025	0.08	
2/8/2026		0.075

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/8/2026 1:02 PM 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	
8/9/2025	0.051	
2/7/2026		0.057

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/8/2026 1:02 PM 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	
8/9/2025	0.03	
2/8/2026		0.032

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/8/2026 1:02 PM 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	
8/10/2025	0.072	
2/8/2026		0.068

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/8/2026 1:02 PM 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	
8/10/2025	0.13	
2/9/2026		0.14

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/8/2026 1:02 PM 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	
8/9/2025	0.037	
2/9/2026		0.038

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/8/2026 1:02 PM 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	
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	
8/9/2025	0.17	
2/9/2026		0.13

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/8/2026 1:02 PM 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	
8/9/2025	0.063	
2/9/2026		0.071

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/8/2026 1:02 PM 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	
8/10/2025	0.079	
2/10/2026		0.087

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/8/2026 1:02 PM 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	
8/10/2025	0.15	
2/8/2026		0.16

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/8/2026 1:02 PM 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	
8/10/2025	0.15	
2/9/2026		0.15

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/8/2026 1:02 PM 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	
8/9/2025	0.06	
2/9/2026		0.063

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/8/2026 1:02 PM 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	
8/9/2025	0.09	
2/9/2026		0.092

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/8/2026 1:02 PM 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	
8/10/2025	0.063	
2/9/2026		0.065

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/8/2026 1:02 PM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-3	GWA-3
3/6/2007	<0.0004	
5/8/2007	<0.0004	
7/17/2007	<0.0004	
8/28/2007	<0.0004	
11/6/2007	<0.0004	
5/8/2008	<0.0004	
12/3/2008	<0.0004	
4/7/2009	<0.0004	
10/2/2009	<0.0004	
4/14/2010	<0.0004	
10/14/2010	<0.0004	
4/5/2011	<0.0004	
10/12/2011	<0.0004	
4/4/2012	<0.0004	
9/26/2012	<0.0004	
3/12/2013	<0.0004	
9/10/2013	<0.0004	
3/11/2014	<0.0004	
9/8/2014	<0.0004	
4/21/2015	8E-05 (J)	
9/29/2015	<0.0004	
3/22/2016	<0.0004	
5/17/2016	<0.0004	
7/5/2016	<0.0004	
9/7/2016	<0.0004	
10/18/2016	<0.0004	
12/6/2016	<0.0004	
2/1/2017	<0.0004	
3/23/2017	<0.0004	
10/4/2017	<0.0004	
3/15/2018	<0.0004	
10/4/2018	<0.0004	
4/5/2019	<0.0004	
9/30/2019	<0.0004	
3/26/2020	<0.0004	
9/23/2020	<0.0004	
3/8/2021	<0.0004	
8/9/2021	<0.0004	
2/4/2022	<0.0004	
8/8/2022	<0.0004	
1/30/2023	<0.0004	
8/14/2023	<0.0004	
2/19/2024	<0.0004	
8/11/2024	<0.0004	
2/11/2025	<0.0004	
8/9/2025	<0.0004	
2/8/2026		<0.0004

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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/8/2026 1:02 PM 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	<0.0004	
9/10/2013	<0.0004	
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	<0.0004	
5/18/2016	<0.0004	
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	<0.0004	
3/24/2017	<0.0004	
10/4/2017	0.0001 (J)	
3/15/2018	<0.0004	
10/4/2018	0.0002 (J)	
4/8/2019	5.8E-05 (J)	
10/1/2019	0.0001 (J)	
3/30/2020	<0.0004	
9/24/2020	5E-05 (J)	
3/9/2021	<0.0004	
8/10/2021	6.1E-05 (J)	
2/4/2022	<0.0004	
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)	
8/9/2025	<0.0004	
2/9/2026		0.00036 (J)

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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/8/2026 1:02 PM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-19	GWC-19
3/6/2007	<0.0004	
5/9/2007	<0.0004	
7/17/2007	<0.0004	
8/28/2007	<0.0004	
11/7/2007	<0.0004	
5/7/2008	<0.0004	
12/4/2008	<0.0004	
4/14/2009	<0.0004	
10/2/2009	<0.0004	
4/13/2010	<0.0004	
10/12/2010	<0.0004	
4/6/2011	<0.0004	
10/12/2011	<0.0004	
4/5/2012	<0.0004	
9/25/2012	<0.0004	
3/13/2013	<0.0004	
9/11/2013	<0.0004	
3/10/2014	<0.0004	
9/9/2014	<0.0004	
4/22/2015	<0.0004	
9/30/2015	<0.0004	
3/24/2016	<0.0004	
5/18/2016	<0.0004	
7/6/2016	<0.0004	
9/8/2016	<0.0004	
10/18/2016	<0.0004	
12/7/2016	<0.0004	
2/2/2017	<0.0004	
3/27/2017	<0.0004	
10/5/2017	<0.0004	
3/15/2018	<0.0004	
10/4/2018	<0.0004	
4/9/2019	<0.0004	
10/1/2019	<0.0004	
3/31/2020	<0.0004	
9/28/2020	0.0001 (J)	
3/10/2021	<0.0004	
8/10/2021	<0.0004	
2/7/2022	<0.0004	
8/9/2022	<0.0004	
1/31/2023	<0.0004	
8/15/2023	<0.0004	
2/20/2024	<0.0004	
8/12/2024	<0.0004	
2/11/2025	<0.0004	
8/10/2025	<0.0004	
2/8/2026		<0.0004

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

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/8/2026 1:02 PM 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	
8/9/2025	<0.0005	
2/7/2026		<0.0005

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

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/8/2026 1:02 PM 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	
8/10/2025	<0.0005	
2/8/2026		<0.0005

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

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/8/2026 1:02 PM 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	
8/9/2025	<0.0005	
2/9/2026		<0.0005

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

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/8/2026 1:02 PM 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	
8/9/2025	<0.0005	
2/9/2026		<0.0005

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

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/8/2026 1:02 PM 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	
8/9/2025	<0.0005	
2/9/2026		<0.0005

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

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/8/2026 1:02 PM 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	
8/9/2025	<0.0005	
2/8/2026		<0.0005

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

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/8/2026 1:02 PM 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	
8/10/2025	<0.0005	
2/10/2026		<0.0005

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

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/8/2026 1:02 PM 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	
8/10/2025	<0.0005	
2/9/2026		<0.0005

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

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/8/2026 1:02 PM 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	
8/9/2025	<0.0005	
2/9/2026		<0.0005

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

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/8/2026 1:02 PM 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	
8/10/2025	<0.0005	
2/9/2026		<0.0005

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/8/2026 1:02 PM 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	
8/9/2025	<0.005	
2/8/2026		0.00027 (J)

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/8/2026 1:02 PM 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	
8/9/2025	<0.005	
2/8/2026		<0.005

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/8/2026 1:02 PM 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	
8/9/2025	<0.005	
2/8/2026		0.00028 (J)

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/8/2026 1:02 PM 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	
8/9/2025	<0.005	
2/7/2026		0.00038 (J)

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/8/2026 1:02 PM 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	
8/9/2025	0.0037 (J)	
2/8/2026		<0.005

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/8/2026 1:02 PM 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	
8/10/2025	<0.005	
2/8/2026		<0.005

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/8/2026 1:02 PM 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	
8/10/2025	<0.005	
2/9/2026		<0.005

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/8/2026 1:02 PM 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	
8/9/2025	<0.005	
2/9/2026		<0.005

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/8/2026 1:02 PM 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	
8/9/2025	<0.005	
2/9/2026		<0.005

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/8/2026 1:02 PM 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	
8/9/2025	<0.005	
2/9/2026		<0.005

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/8/2026 1:02 PM 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	
8/9/2025	0.0024 (J)	
2/8/2026		<0.005

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/8/2026 1:02 PM 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	
8/10/2025	<0.005	
2/10/2026		0.0003 (J)

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/8/2026 1:02 PM 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	
8/10/2025	<0.005	
2/8/2026		<0.005

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/8/2026 1:02 PM 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	
8/10/2025	<0.005	
2/9/2026		<0.005

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/8/2026 1:02 PM 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	
8/9/2025	<0.005	
2/9/2026		<0.005

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/8/2026 1:02 PM 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	
8/9/2025	<0.005	
2/9/2026		<0.005

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/8/2026 1:02 PM 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	
8/10/2025	<0.005	
2/9/2026		0.00035 (J)

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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/8/2026 1:02 PM 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	
8/9/2025	<0.005	
2/8/2026		0.00062 (J)

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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/8/2026 1:02 PM 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	
8/9/2025	<0.005	
2/8/2026		<0.005

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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/8/2026 1:02 PM 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	
8/9/2025	<0.005	
2/8/2026		0.00034 (J)

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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/8/2026 1:02 PM 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	
8/9/2025	<0.005	
2/7/2026		0.00057 (J)

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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/8/2026 1:02 PM 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	
8/9/2025	<0.005	
2/8/2026		0.00069 (J)

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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/8/2026 1:02 PM 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	
8/10/2025	<0.005	
2/8/2026		0.00037 (J)

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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/8/2026 1:02 PM 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	
8/10/2025	<0.005	
2/9/2026		<0.005

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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/8/2026 1:02 PM 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	
8/9/2025	0.018	
2/9/2026		0.02

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/8/2026 1:02 PM 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	
8/9/2025	0.0013 (J)	
2/9/2026		0.00058 (J)

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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/8/2026 1:02 PM 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	
8/9/2025	<0.005	
2/9/2026		0.00043 (J)

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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/8/2026 1:02 PM 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	
8/9/2025	<0.005	
2/8/2026		<0.005

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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/8/2026 1:02 PM 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	<0.005	
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	
8/10/2025	<0.005	
2/10/2026		0.00021 (J)

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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/8/2026 1:02 PM 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	<0.005	
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	
2/3/2017	<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	
8/10/2025	<0.005	
2/9/2026		0.00036 (J)

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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/8/2026 1:02 PM 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)	
8/9/2025	0.0029 (J)	
2/9/2026		0.0018 (J)

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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/8/2026 1:02 PM 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	
8/10/2025	<0.005	
2/9/2026		0.00014 (J)

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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/8/2026 1:02 PM 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	
8/9/2025	<0.005	
2/8/2026		<0.005

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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/8/2026 1:02 PM 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	
8/9/2025	<0.005	
2/8/2026		<0.005

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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/8/2026 1:02 PM 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	
8/9/2025	<0.005	
2/7/2026		<0.005

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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/8/2026 1:02 PM 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	
8/9/2025	<0.005	
2/8/2026		<0.005

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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/8/2026 1:02 PM 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	
8/10/2025	<0.005	
2/8/2026		0.00094 (J)

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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/8/2026 1:02 PM 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	
8/10/2025	<0.005	
2/9/2026		<0.005

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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/8/2026 1:03 PM 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	
8/9/2025	<0.005	
2/9/2026		<0.005

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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/8/2026 1:03 PM 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	
8/9/2025	<0.005	
2/9/2026		<0.005

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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/8/2026 1:03 PM 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	
8/9/2025	<0.005	
2/9/2026		<0.005

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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/8/2026 1:03 PM 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	
8/9/2025	<0.005	
2/8/2026		<0.005

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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/8/2026 1:03 PM 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	
8/10/2025	<0.005	
2/10/2026		<0.005

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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/8/2026 1:03 PM 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	
8/10/2025	<0.005	
2/8/2026		<0.005

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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/8/2026 1:03 PM 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	
8/10/2025	<0.005	
2/9/2026		<0.005

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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/8/2026 1:03 PM 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	
8/9/2025	<0.005	
2/9/2026		<0.005

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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/8/2026 1:03 PM 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	
8/9/2025	<0.005	
2/9/2026		<0.005

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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/8/2026 1:03 PM 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	
8/10/2025	<0.005	
2/9/2026		<0.005

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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/8/2026 1:03 PM 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	
8/9/2025	<0.001	
2/8/2026		<0.001

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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/8/2026 1:03 PM 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	
8/9/2025	<0.001	
2/8/2026		<0.001

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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/8/2026 1:03 PM 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	
8/10/2025	<0.001	
2/8/2026		<0.001

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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/8/2026 1:03 PM 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	
8/10/2025	<0.001	
2/9/2026		<0.001

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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/8/2026 1:03 PM 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	
8/9/2025	<0.001	
2/9/2026		<0.001

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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/8/2026 1:03 PM 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	
8/9/2025	0.00029 (J)	
2/9/2026		<0.001

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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/8/2026 1:03 PM 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	
8/9/2025	<0.001	
2/8/2026		<0.001

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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/8/2026 1:03 PM 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	
8/10/2025	<0.001	
2/10/2026		<0.001

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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/8/2026 1:03 PM 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	
8/10/2025	<0.001	
2/8/2026		<0.001

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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/8/2026 1:03 PM 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	
8/10/2025	<0.001	
2/9/2026		<0.001

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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/8/2026 1:03 PM 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	
8/9/2025	<0.001	
2/9/2026		<0.001

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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/8/2026 1:03 PM 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	
8/9/2025	<0.001	
2/9/2026		<0.001

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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/8/2026 1:03 PM 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	
8/10/2025	<0.001	
2/9/2026		<0.001

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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/8/2026 1:03 PM 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	
8/9/2025	<0.005	
2/8/2026		<0.005

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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/8/2026 1:03 PM 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	
8/9/2025	<0.005	
2/8/2026		<0.005

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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/8/2026 1:03 PM 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	
8/9/2025	<0.005	
2/8/2026		0.0011 (J)

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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/8/2026 1:03 PM 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	
8/9/2025	<0.005	
2/7/2026		0.0011 (J)

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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/8/2026 1:03 PM 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)	
8/9/2025	0.0035 (J)	
2/8/2026		0.0023 (J)

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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/8/2026 1:03 PM 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	
8/10/2025	<0.005	
2/8/2026		0.00098 (J)

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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/8/2026 1:03 PM 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	
8/10/2025	<0.005	
2/9/2026		<0.005

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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/8/2026 1:03 PM 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	
8/9/2025	0.1	
2/9/2026		0.12

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/8/2026 1:03 PM 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	
8/9/2025	<0.005	
2/9/2026		<0.005

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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/8/2026 1:03 PM 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)	
8/9/2025	0.0022 (J)	
2/9/2026		0.0024 (J)

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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/8/2026 1:03 PM 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	
8/9/2025	<0.005	
2/8/2026		<0.005

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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/8/2026 1:03 PM 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	
8/10/2025	<0.005	
2/10/2026		<0.005

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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/8/2026 1:03 PM 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	
8/10/2025	<0.005	
2/8/2026		<0.005

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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/8/2026 1:03 PM 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	
8/10/2025	<0.005	
2/9/2026		<0.005

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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/8/2026 1:03 PM 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	
8/9/2025	0.0064	
2/9/2026		0.0045 (J)

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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/8/2026 1:03 PM 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	
8/9/2025	<0.005	
2/9/2026		<0.005

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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/8/2026 1:03 PM 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	
8/10/2025	<0.005	
2/9/2026		<0.005

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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/8/2026 1:03 PM 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	
8/9/2025	<0.005	
2/7/2026		<0.005

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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/8/2026 1:03 PM 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	
8/9/2025	<0.005	
2/9/2026		<0.005

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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/8/2026 1:03 PM 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	
8/9/2025	<0.005	
2/8/2026		<0.005

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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/8/2026 1:03 PM 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	
8/9/2025	<0.005	
2/9/2026		<0.005

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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/8/2026 1:03 PM 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	
8/9/2025	<0.005	
2/9/2026		<0.005

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

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/8/2026 1:03 PM 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	0.0036	
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	
9/8/2016	<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	
3/31/2020	<0.001	
9/24/2020	<0.001	
3/9/2021	<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	
8/9/2025	<0.001	
2/9/2026		<0.001

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

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/8/2026 1:03 PM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-1	GWA-1
3/6/2007	<0.0005	
5/8/2007	<0.0005	
7/7/2007	<0.0005	
8/28/2007	<0.0005	
11/6/2007	<0.0005	
5/9/2008	<0.0005	
12/3/2008	<0.0005	
4/7/2009	<0.0005	
10/1/2009	<0.0005	
4/14/2010	<0.0005	
10/13/2010	<0.0005	
4/6/2011	<0.0005	
10/10/2011	<0.0005	
4/3/2012	<0.0005	
9/24/2012	<0.0005	
3/12/2013	<0.0005	
3/4/2014	<0.0005	
9/3/2014	<0.0005	
4/21/2015	<0.0005	
9/30/2015	<0.0005	
3/22/2016	<0.0005	
5/17/2016	<0.0005	
7/5/2016	<0.0005	
9/7/2016	<0.0005	
10/18/2016	<0.0005	
12/6/2016	<0.0005	
1/31/2017	<0.0005	
3/23/2017	<0.0005	
10/4/2017	<0.0005	
3/14/2018	<0.0005	
10/4/2018	<0.0005	
4/8/2019	<0.0005	
9/30/2019	<0.0005	
3/26/2020	<0.0005	
9/23/2020	<0.0005	
3/8/2021	<0.0005	
8/9/2021	<0.0005	
2/4/2022	<0.0005	
8/8/2022	<0.0005	
1/30/2023	0.00022 (J)	
8/14/2023	<0.0005	
2/19/2024	<0.0005	
8/11/2024	<0.0005	
2/11/2025	<0.0005	
8/9/2025	<0.0005	
2/8/2026		<0.0005

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

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/8/2026 1:03 PM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-7	GWC-7
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	
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	
3/5/2014	<0.0005	
9/8/2014	<0.0005	
4/21/2015	<0.0005	
9/29/2015	<0.0005	
3/23/2016	<0.0005	
5/18/2016	<0.0005	
7/6/2016	0.0001 (J)	
9/7/2016	<0.0005	
10/18/2016	<0.0005	
12/8/2016	<0.0005	
2/2/2017	<0.0005	
3/24/2017	<0.0005	
10/4/2017	<0.0005	
3/15/2018	<0.0005	
10/4/2018	<0.0005	
4/8/2019	<0.0005	
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	
8/9/2025	<0.0005	
2/9/2026		<0.0005

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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/8/2026 1:03 PM 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	<0.005	
9/3/2014	<0.005	
4/21/2015	<0.005	
9/30/2015	<0.005	
3/22/2016	<0.005	
9/7/2016	<0.005	
3/23/2017	<0.005	
10/4/2017	<0.005	
3/14/2018	<0.005	
10/4/2018	<0.005	
4/8/2019	<0.005	
9/30/2019	<0.005	
3/26/2020	<0.005	
9/23/2020	<0.005	
3/8/2021	<0.005	
8/9/2021	0.0019 (J)	
2/4/2022	<0.005	
8/8/2022	<0.005	
1/30/2023	0.0022 (J)	
8/14/2023	<0.005	
2/19/2024	<0.005	
8/11/2024	<0.005	
2/11/2025	<0.005	
8/9/2025	<0.005	
2/8/2026		<0.005

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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/8/2026 1:03 PM 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	
9/7/2016	<0.005	
3/24/2017	<0.005	
10/4/2017	<0.005	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/8/2019	<0.005	
9/30/2019	<0.005	
3/26/2020	<0.005	
9/23/2020	<0.005	
3/8/2021	<0.005	
8/9/2021	<0.005	
2/4/2022	<0.005	
8/8/2022	<0.005	
1/30/2023	<0.005	
8/14/2023	<0.005	
2/19/2024	0.0012 (J)	
8/11/2024	<0.005	
2/11/2025	<0.005	
8/9/2025	<0.005	
2/7/2026		<0.005

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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/8/2026 1:03 PM 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	0.00093 (J)	
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	<0.005	
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	
8/10/2025	<0.005	
2/8/2026		<0.005

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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/8/2026 1:03 PM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-7	GWC-7
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	
10/1/2009	0.0039	
4/13/2010	<0.005	
10/7/2010	<0.005	
4/5/2011	0.0025	
10/4/2011	0.0027	
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	0.0012 (J)	
4/21/2015	0.0015 (J)	
9/29/2015	<0.005	
3/23/2016	<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	
10/1/2019	<0.005	
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	
8/9/2025	<0.005	
2/9/2026		<0.005

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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/8/2026 1:03 PM 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	0.034	
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	<0.005	
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	
2/21/2024	<0.005	
8/11/2024	<0.005	
2/12/2025	<0.005	
8/9/2025	<0.005	
2/9/2026		<0.005

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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/8/2026 1:03 PM 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	0.0029	
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	<0.005	
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	
8/9/2025	<0.005	
2/9/2026		<0.005

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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/8/2026 1:03 PM 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	0.0029 (J)	
9/30/2015	0.001 (J)	
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	
8/9/2025	<0.005	
2/9/2026		<0.005

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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/8/2026 1:03 PM 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	
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	0.00017 (J)	
10/1/2019	<0.005	
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	
8/10/2025	<0.005	
2/9/2026		<0.005

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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/8/2026 1:03 PM 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	0.0028	
10/1/2009	<0.01	
4/14/2010	<0.01	
10/13/2010	<0.01	
4/6/2011	<0.01	
10/10/2011	<0.01	
4/3/2012	<0.01	
9/24/2012	<0.01	
3/12/2013	<0.01	
9/11/2013	<0.01	
3/4/2014	0.0026	
9/3/2014	0.001 (J)	
4/21/2015	<0.01	
9/30/2015	<0.01	
3/22/2016	<0.01	
9/7/2016	0.0047 (J)	
3/23/2017	<0.01	
10/4/2017	<0.01	
3/14/2018	0.0032 (J)	
10/4/2018	0.003 (J)	
4/8/2019	<0.01	
9/30/2019	0.0032 (J)	
3/26/2020	<0.01	
9/23/2020	0.0025 (J)	
3/8/2021	<0.01	
8/9/2021	<0.01	
2/4/2022	<0.01	
8/8/2022	<0.01	
1/30/2023	<0.01	
8/14/2023	<0.01	
2/19/2024	<0.01	
8/11/2024	<0.01	
2/11/2025	<0.01	
8/9/2025	<0.01	
2/8/2026		<0.01

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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/8/2026 1:03 PM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-2	GWA-2
3/6/2007	<0.01	
5/8/2007	<0.01	
7/7/2007	<0.01	
8/28/2007	0.0026	
11/6/2007	<0.01	
5/9/2008	<0.01	
12/3/2008	<0.01	
4/7/2009	<0.01	
10/1/2009	<0.01	
4/13/2010	<0.01	
10/7/2010	<0.01	
4/6/2011	<0.01	
10/6/2011	<0.01	
4/3/2012	<0.01	
9/19/2012	<0.01	
3/12/2013	<0.01	
9/9/2013	<0.01	
3/4/2014	0.0035	
9/3/2014	0.0015 (J)	
4/22/2015	<0.01	
9/30/2015	0.0026 (J)	
3/22/2016	<0.01	
9/7/2016	0.0024 (J)	
3/23/2017	<0.01	
10/4/2017	0.0017 (J)	
3/14/2018	0.0023 (J)	
10/4/2018	0.0041 (J)	
4/8/2019	0.0014 (J)	
9/30/2019	0.0043 (J)	
3/26/2020	<0.01	
9/21/2020	<0.01	
3/9/2021	<0.01	
8/9/2021	<0.01	
2/4/2022	<0.01	
8/8/2022	<0.01	
1/30/2023	<0.01	
8/14/2023	<0.01	
2/19/2024	<0.01	
8/10/2024	<0.01	
2/11/2025	<0.01	
8/9/2025	<0.01	
2/8/2026		<0.01

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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/8/2026 1:03 PM 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	
8/9/2025	0.0026 (J)	
2/8/2026		0.0023 (J)

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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/8/2026 1:03 PM 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	0.0026	
11/6/2007	<0.01	
5/8/2008	0.0037	
12/3/2008	0.003	
4/7/2009	0.0045	
10/2/2009	0.0027	
4/14/2010	<0.01	
10/14/2010	0.0041	
4/5/2011	<0.01	
10/12/2011	0.0033	
4/4/2012	<0.01	
9/24/2012	0.0039	
3/12/2013	<0.01	
9/10/2013	0.0035	
3/11/2014	0.0045	
9/8/2014	0.0026	
4/21/2015	0.0028	
9/29/2015	0.008 (J)	
3/22/2016	<0.01	
9/7/2016	0.0035 (J)	
3/24/2017	0.0095 (J)	
10/4/2017	0.0031 (J)	
3/15/2018	0.0041 (J)	
10/4/2018	0.0058 (J)	
4/8/2019	0.0023 (J)	
9/30/2019	0.0059 (J)	
3/26/2020	<0.01	
9/23/2020	0.0025 (J)	
3/8/2021	0.0034 (J)	
8/9/2021	<0.01	
2/4/2022	<0.01	
8/8/2022	<0.01	
1/30/2023	<0.01	
8/14/2023	<0.01	
2/19/2024	<0.01	
8/11/2024	<0.01	
2/11/2025	<0.01	
8/9/2025	<0.01	
2/7/2026		0.0024 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/8/2026 1:03 PM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWA-11	GWA-11
3/7/2007	<0.01	
5/8/2007	0.0025	
7/17/2007	0.0047	
8/28/2007	0.0033	
11/7/2007	<0.01	
5/9/2008	<0.01	
12/2/2008	<0.01	
4/8/2009	<0.01	
10/1/2009	<0.01	
4/14/2010	<0.01	
10/13/2010	<0.01	
4/6/2011	<0.01	
10/4/2011	<0.01	
4/10/2012	<0.01	
9/26/2012	<0.01	
3/12/2013	<0.01	
9/10/2013	<0.01	
3/4/2014	<0.01	
9/3/2014	0.00074 (J)	
4/21/2015	<0.01	
9/29/2015	0.0024 (J)	
3/22/2016	<0.01	
9/7/2016	0.0023 (J)	
3/24/2017	0.0068 (J)	
10/5/2017	<0.01	
3/15/2018	0.0042 (J)	
10/4/2018	0.0046 (J)	
4/8/2019	0.0024 (J)	
9/30/2019	0.004 (J)	
3/26/2020	<0.01	
9/22/2020	<0.01	
3/8/2021	<0.01	
8/10/2021	<0.01	
2/4/2022	<0.01	
8/8/2022	<0.01	
1/30/2023	<0.01	
8/14/2023	<0.01	
2/19/2024	<0.01	
8/11/2024	<0.01	
2/11/2025	<0.01	
8/9/2025	<0.01	
2/8/2026		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/8/2026 1:03 PM 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)	
8/10/2025	<0.01	
2/8/2026		0.0029 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/8/2026 1:03 PM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-6	GWC-6
3/7/2007	<0.01	
5/9/2007	<0.01	
7/17/2007	<0.01	
8/28/2007	<0.01	
11/6/2007	<0.01	
5/8/2008	<0.01	
12/3/2008	<0.01	
4/7/2009	<0.01	
10/1/2009	<0.01	
4/13/2010	<0.01	
10/6/2010	<0.01	
4/5/2011	<0.01	
10/4/2011	<0.01	
4/3/2012	<0.01	
9/18/2012	<0.01	
3/12/2013	<0.01	
9/9/2013	<0.01	
3/5/2014	0.0026	
9/8/2014	0.00055 (J)	
4/22/2015	<0.01	
9/29/2015	0.0026 (J)	
3/23/2016	<0.01	
9/7/2016	0.0024 (J)	
3/23/2017	0.0035 (J)	
10/4/2017	<0.01	
3/16/2018	0.0029 (J)	
10/4/2018	0.0039 (J)	
4/8/2019	0.0013 (J)	
10/1/2019	0.0056 (J)	
3/31/2020	<0.01	
9/25/2020	<0.01	
3/9/2021	<0.01	
8/10/2021	<0.01	
2/4/2022	<0.01	
8/8/2022	<0.01	
1/31/2023	<0.01	
8/14/2023	<0.01	
2/21/2024	<0.01	
8/12/2024	<0.01	
2/12/2025	<0.01	
8/10/2025	<0.01	
2/9/2026		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/8/2026 1:03 PM 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	
8/9/2025	0.18	
2/9/2026		0.22

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/8/2026 1:03 PM 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	<0.01	
8/28/2007	<0.01	
11/6/2007	<0.01	
3/31/2008	0.045	
5/8/2008	<0.01	
12/2/2008	<0.01	
4/8/2009	<0.01	
9/30/2009	<0.01	
4/13/2010	<0.01	
10/13/2010	<0.01	
4/5/2011	<0.01	
10/4/2011	<0.01	
4/3/2012	<0.01	
9/19/2012	<0.01	
3/12/2013	<0.01	
9/10/2013	<0.01	
3/5/2014	0.0028	
9/9/2014	0.0014 (J)	
4/22/2015	<0.01	
9/29/2015	0.0016 (J)	
3/23/2016	<0.01	
9/8/2016	<0.01	
3/24/2017	0.0031 (J)	
10/5/2017	<0.01	
3/14/2018	0.0053 (J)	
10/4/2018	0.0031 (J)	
4/8/2019	0.0012 (J)	
10/1/2019	0.0055 (J)	
3/27/2020	<0.01	
9/24/2020	<0.01	
3/9/2021	<0.01	
8/10/2021	<0.01	
2/4/2022	<0.01	
8/9/2022	<0.01	
1/31/2023	<0.01	
8/15/2023	<0.01	
2/21/2024	<0.01	
8/11/2024	<0.01	
2/12/2025	<0.01	
8/9/2025	<0.01	
2/9/2026		0.0017 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/8/2026 1:03 PM 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	0.0027	
7/6/2007	0.0032	
8/28/2007	0.0026	
11/6/2007	<0.01	
5/8/2008	<0.01	
12/2/2008	<0.01	
4/8/2009	<0.01	
9/30/2009	<0.01	
4/13/2010	<0.01	
10/13/2010	<0.01	
4/5/2011	<0.01	
10/4/2011	<0.01	
4/4/2012	<0.01	
9/19/2012	<0.01	
3/12/2013	<0.01	
9/10/2013	<0.01	
3/5/2014	0.0029	
9/3/2014	0.0011 (J)	
4/21/2015	<0.01	
9/29/2015	0.0034 (J)	
3/23/2016	<0.01	
9/8/2016	<0.01	
3/27/2017	0.0014 (J)	
10/5/2017	0.0013 (J)	
3/15/2018	<0.01	
10/5/2018	0.0044 (J)	
4/8/2019	0.0016 (J)	
10/1/2019	0.0052 (J)	
3/27/2020	<0.01	
9/24/2020	<0.01	
3/9/2021	<0.01	
8/10/2021	<0.01	
2/4/2022	<0.01	
8/9/2022	<0.01	
1/31/2023	<0.01	
8/15/2023	<0.01	
2/20/2024	<0.01	
8/11/2024	<0.01	
2/11/2025	<0.01	
8/9/2025	<0.01	
2/9/2026		0.002 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/8/2026 1:03 PM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	GWC-10
3/7/2007	<0.01	
5/8/2007	<0.01	
7/17/2007	0.0069	
8/28/2007	<0.01	
11/7/2007	<0.01	
5/9/2008	<0.01	
12/2/2008	<0.01	
4/8/2009	<0.01	
10/1/2009	<0.01	
4/14/2010	<0.01	
10/13/2010	<0.01	
4/6/2011	<0.01	
10/4/2011	<0.01	
4/10/2012	<0.01	
9/26/2012	<0.01	
3/12/2013	<0.01	
9/10/2013	<0.01	
3/4/2014	0.0026	
9/3/2014	0.00079 (J)	
4/21/2015	<0.01	
9/30/2015	0.0018 (J)	
3/23/2016	<0.01	
9/7/2016	<0.01	
3/27/2017	0.0014 (J)	
10/5/2017	<0.01	
3/15/2018	<0.01	
10/4/2018	0.0033 (J)	
4/9/2019	<0.01	
10/1/2019	0.0049 (J)	
3/27/2020	<0.01	
9/25/2020	<0.01	
3/9/2021	<0.01	
8/10/2021	<0.01	
2/4/2022	<0.01	
8/9/2022	<0.01	
1/30/2023	<0.01	
8/14/2023	<0.01	
2/19/2024	<0.01	
8/11/2024	<0.01	
2/11/2025	<0.01	
8/9/2025	<0.01	
2/8/2026		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/8/2026 1:03 PM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-18	GWC-18
3/7/2007	<0.01	
5/9/2007	0.0026	
7/17/2007	0.0043	
8/28/2007	<0.01	
11/7/2007	<0.01	
5/7/2008	<0.01	
12/3/2008	<0.01	
4/14/2009	<0.01	
10/1/2009	<0.01	
4/13/2010	<0.01	
10/12/2010	<0.01	
4/6/2011	<0.01	
10/12/2011	<0.01	
4/5/2012	<0.01	
9/19/2012	<0.01	
3/13/2013	<0.01	
9/10/2013	<0.01	
3/10/2014	0.0022 (J)	
9/3/2014	0.0013 (J)	
4/22/2015	0.0019 (J)	
9/30/2015	0.0037 (J)	
3/24/2016	<0.01	
9/8/2016	0.0024 (J)	
3/27/2017	<0.01	
10/5/2017	<0.01	
3/16/2018	<0.01	
10/5/2018	0.0029 (J)	
4/9/2019	0.0037 (J)	
10/1/2019	0.006 (J)	
3/30/2020	<0.01	
9/24/2020	<0.01	
3/9/2021	<0.01	
8/10/2021	<0.01	
2/4/2022	<0.01	
8/9/2022	<0.01	
1/31/2023	<0.01	
8/15/2023	<0.01	
2/20/2024	<0.01	
8/12/2024	<0.01	
2/12/2025	<0.01	
8/10/2025	<0.01	
2/10/2026		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/8/2026 1:03 PM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-19	GWC-19
3/6/2007	<0.01	
5/9/2007	0.0025	
7/17/2007	0.0035	
8/28/2007	<0.01	
11/7/2007	<0.01	
5/7/2008	<0.01	
12/4/2008	<0.01	
4/14/2009	<0.01	
10/2/2009	<0.01	
4/13/2010	0.0043	
10/12/2010	<0.01	
4/6/2011	<0.01	
10/12/2011	<0.01	
4/5/2012	<0.01	
9/25/2012	<0.01	
3/13/2013	<0.01	
9/11/2013	<0.01	
3/10/2014	0.0031	
9/9/2014	0.00098 (J)	
4/22/2015	0.0015 (J)	
9/30/2015	0.002 (J)	
3/24/2016	<0.01	
9/8/2016	0.0029 (J)	
3/27/2017	0.0019 (J)	
10/5/2017	0.0024 (J)	
3/15/2018	<0.01	
10/4/2018	0.013	
4/9/2019	<0.01	
10/1/2019	0.0049 (J)	
3/31/2020	<0.01	
9/28/2020	0.0033 (J)	
3/10/2021	<0.01	
8/10/2021	<0.01	
2/7/2022	<0.01	
8/9/2022	<0.01	
1/31/2023	<0.01	
8/15/2023	<0.01	
2/20/2024	<0.01	
8/12/2024	<0.01	
2/11/2025	<0.01	
8/10/2025	<0.01	
2/8/2026		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/8/2026 1:03 PM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-20	GWC-20
3/7/2007	<0.01	
5/9/2007	<0.01	
7/17/2007	<0.01	
8/29/2007	<0.01	
11/7/2007	<0.01	
5/7/2008	<0.01	
12/5/2008	<0.01	
4/14/2009	<0.01	
9/30/2009	<0.01	
4/13/2010	<0.01	
10/12/2010	<0.01	
10/12/2011	<0.01	
4/9/2012	<0.01	
9/25/2012	<0.01	
3/13/2013	<0.01	
9/11/2013	<0.01	
3/10/2014	0.0024 (J)	
9/9/2014	0.00078 (J)	
4/23/2015	<0.01	
9/30/2015	0.0016 (J)	
3/23/2016	<0.01	
9/8/2016	<0.01	
3/27/2017	0.0017 (J)	
10/5/2017	0.0016 (J)	
3/16/2018	<0.01	
10/5/2018	<0.01	
4/9/2019	<0.01	
10/1/2019	0.0063 (J)	
3/31/2020	<0.01	
9/23/2020	<0.01	
3/10/2021	<0.01	
8/10/2021	<0.01	
2/7/2022	<0.01	
8/9/2022	<0.01	
1/31/2023	<0.01	
8/15/2023	<0.01	
2/20/2024	<0.01	
8/11/2024	<0.01	
2/11/2025	<0.01	
8/10/2025	<0.01	
2/9/2026		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/8/2026 1:03 PM 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)	
8/9/2025	0.0033 (J)	
2/9/2026		0.0041 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/8/2026 1:03 PM View: Appendix I Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-22	GWC-22
3/6/2007	<0.01	
5/9/2007	0.0035	
7/17/2007	<0.01	
8/29/2007	<0.01	
11/7/2007	<0.01	
5/7/2008	<0.01	
12/5/2008	<0.01	
4/14/2009	<0.01	
9/30/2009	<0.01	
4/13/2010	<0.01	
10/12/2010	<0.01	
4/6/2011	<0.01	
10/5/2011	<0.01	
4/9/2012	<0.01	
9/25/2012	<0.01	
3/13/2013	<0.01	
9/11/2013	<0.01	
3/11/2014	0.0037	
9/9/2014	0.0006 (J)	
4/23/2015	<0.01	
9/30/2015	0.0021 (J)	
3/23/2016	<0.01	
9/8/2016	<0.01	
3/27/2017	<0.01	
10/5/2017	<0.01	
3/15/2018	<0.01	
10/4/2018	0.003 (J)	
4/9/2019	<0.01	
10/1/2019	0.0054 (J)	
3/31/2020	<0.01	
9/23/2020	<0.01	
3/9/2021	<0.01	
8/10/2021	<0.01	
2/7/2022	<0.01	
8/9/2022	<0.01	
1/31/2023	<0.01	
8/15/2023	<0.01	
2/20/2024	<0.01	
8/11/2024	<0.01	
2/11/2025	<0.01	
8/9/2025	<0.01	
2/9/2026		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/8/2026 1:03 PM 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)	
8/10/2025	<0.01	
2/9/2026		0.0015 (J)

ND substitution: RL or RL/2 if <15% NDs.

Appendix I Intrawell Prediction Limits - Deseasonalized - All Results (No Significant)

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 4/6/2026, 2:08 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Barium (mg/L)	GWC-10	0.2139	n/a	2/8/2026	0.1361	No	49	0	n/a	0.0007934	NP Intra (normality) 1 of 2

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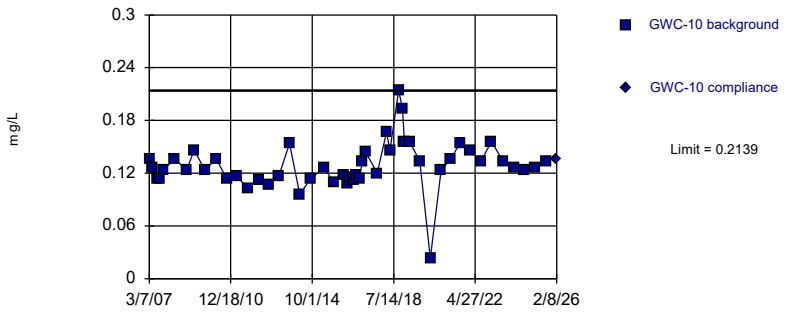
Within Limit

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 49 background values. Well-constituent pair annual alpha = 0.001586. Individual comparison alpha = 0.0007934 (1 of 2).

Constituent: Barium, Alt. Values Analysis Run 4/6/2026 2:07 PM View: Appendix I Intrawell - Deseasonali

Plant Hammond Client: Southern Company Data: Huffaker Road LF

Prediction Limit

Constituent: Barium (mg/L), Alt. Values Analysis Run 4/6/2026 2:07 PM View: Appendix I Intrawell - Deseasonalized

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	GWC-10
3/7/2007	0.1361	
5/8/2007	0.1261	
7/17/2007	0.1139	
8/28/2007	0.1139	
11/7/2007	0.1239	
5/9/2008	0.1361	
12/2/2008	0.1239	
4/8/2009	0.1461	
10/1/2009	0.1239	
4/14/2010	0.1361	
10/13/2010	0.1139	
4/6/2011	0.1161	
10/4/2011	0.1029	
4/10/2012	0.1121	
9/26/2012	0.1069	
3/12/2013	0.1161	
9/10/2013	0.1539	
3/4/2014	0.09611	
9/3/2014	0.1139	
4/21/2015	0.1261	
9/30/2015	0.1099	
3/23/2016	0.1181	
5/17/2016	0.1081	
7/6/2016	0.1149	
9/7/2016	0.1124	
10/18/2016	0.1179	
12/6/2016	0.1139	
2/2/2017	0.1331	
3/27/2017	0.1441	
10/5/2017	0.1199	
3/15/2018	0.1661	
5/15/2018	0.1461	
10/4/2018	0.2139	
12/11/2018	0.1939	
1/11/2019	0.1561	
4/9/2019	0.1561	
10/1/2019	0.1339	
3/27/2020	0.02311	
9/25/2020	0.1239	
3/9/2021	0.1361	
8/10/2021	0.1539	
2/4/2022	0.1461	
8/9/2022	0.1339	
1/30/2023	0.1561	
8/14/2023	0.1339	
2/19/2024	0.1261	
8/11/2024	0.1239	
2/11/2025	0.1261	
8/9/2025	0.1339	
2/8/2026		0.1361

FIGURE G.

Appendix III Intrawell Prediction Limits - Significant Results

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 4/8/2026, 12:50 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Calcium (mg/L)	**GWC-19**	**51.67**	**n/a**	**2/8/2026**	**52.1**	**Yes**	**26**	**0**	**No**	**0.0006269**	**Param Intra 1 of 2**
Chloride (mg/L)	**GWC-21**	**6.272**	**n/a**	**2/9/2026**	**10.4**	**Yes**	**26**	**0**	**sqrt(x)**	**0.0006269**	**Param Intra 1 of 2**
pH, Field (SU)	**GWC-18**	**7.805**	**7.397**	**2/10/2026**	**7.81**	**Yes**	**27**	**0**	**No**	**0.0003135**	**Param Intra 1 of 2**
Sulfate (mg/L)	**GWC-19**	**27.83**	**n/a**	**2/8/2026**	**29.1**	**Yes**	**25**	**0**	**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 4/8/2026, 12:50 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Boron (mg/L)	GWA-1	0.049	n/a	2/8/2026	0.019J	No	25	12	n/a	0.002832	NP Intra (normality) 1 of 2
Boron (mg/L)	GWA-2	0.1015	n/a	2/8/2026	0.088	No	25	0	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWA-3	0.193	n/a	2/8/2026	0.1	No	25	0	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWA-4	0.1307	n/a	2/7/2026	0.081	No	25	0	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWA-11	0.04442	n/a	2/8/2026	0.036J	No	25	0	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-6	0.053	n/a	2/9/2026	0.047	No	26	0	n/a	0.002667	NP Intra (normality) 1 of 2
Boron (mg/L)	GWC-7	0.07546	n/a	2/9/2026	0.03J	No	25	0	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-8	0.08642	n/a	2/9/2026	0.042	No	26	0	sqrt(x)	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-9	0.02252	n/a	2/9/2026	0.017J	No	25	8	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-18	0.15	n/a	2/10/2026	0.15	No	25	0	n/a	0.002832	NP Intra (normality) 1 of 2
Boron (mg/L)	GWC-19	0.2045	n/a	2/8/2026	0.16	No	25	0	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-20	0.02477	n/a	2/9/2026	0.018J	No	25	8	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-22	0.07967	n/a	2/9/2026	0.071	No	25	0	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWA-1	20.68	n/a	2/8/2026	15.2	No	25	4	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWA-2	62.03	n/a	2/8/2026	55.5	No	25	0	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWA-3	91.74	n/a	2/8/2026	67.4	No	25	0	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWA-4	115	n/a	2/7/2026	110	No	25	0	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWA-11	24.9	n/a	2/8/2026	21.1	No	25	4	x^2	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-5	88.72	n/a	2/8/2026	85.5	No	25	0	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-6	76.32	n/a	2/9/2026	71	No	25	0	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-7	73.21	n/a	2/9/2026	18.2	No	26	0	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-8	106.2	n/a	2/9/2026	76.3	No	28	0	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-9	41.64	n/a	2/9/2026	40.7	No	25	0	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-10	58.09	n/a	2/8/2026	48.6	No	27	0	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-18	51.28	n/a	2/10/2026	38.5	No	26	0	sqrt(x)	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	**GWC-19**	**51.67**	**n/a**	**2/8/2026**	**52.1**	**Yes**	**26**	**0**	**No**	**0.0006269**	**Param Intra 1 of 2**
Calcium (mg/L)	GWC-20	73.21	n/a	2/9/2026	72.1	No	26	0	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-21	84.24	n/a	2/9/2026	33.8	No	28	0	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-22	53.67	n/a	2/9/2026	46.5	No	25	0	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-23	61.16	n/a	2/9/2026	43.3	No	26	0	sqrt(x)	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWA-1	1.527	n/a	2/8/2026	1.2	No	25	0	ln(x)	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWA-2	3.03	n/a	2/8/2026	2.7	No	25	0	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWA-3	5.01	n/a	2/8/2026	1.1	No	25	0	x^2	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWA-4	9.6	n/a	2/7/2026	4.3	No	25	0	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWA-11	1.921	n/a	2/8/2026	1.4	No	25	0	sqrt(x)	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-5	3.89	n/a	2/8/2026	2.4	No	25	0	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-6	2.314	n/a	2/9/2026	1.7	No	25	0	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-7	2.332	n/a	2/9/2026	2.1	No	25	0	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-8	3.29	n/a	2/9/2026	2	No	27	0	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-9	1.615	n/a	2/9/2026	0.82J	No	25	0	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-10	2.095	n/a	2/8/2026	1.4	No	27	0	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-18	1.787	n/a	2/10/2026	0.88J	No	25	0	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-19	2.462	n/a	2/8/2026	1.2	No	25	0	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-20	2.228	n/a	2/9/2026	1.5	No	26	0	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	**GWC-21**	**6.272**	**n/a**	**2/9/2026**	**10.4**	**Yes**	**26**	**0**	**sqrt(x)**	**0.0006269**	**Param Intra 1 of 2**
Chloride (mg/L)	GWC-22	1.989	n/a	2/9/2026	1.1	No	25	0	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-23	2.115	n/a	2/9/2026	1.1	No	25	4	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWA-1	0.1709	n/a	2/8/2026	0.1	No	25	4	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWA-2	0.2085	n/a	2/8/2026	0.094J	No	25	4	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWA-3	0.4763	n/a	2/8/2026	0.11	No	25	4	ln(x)	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWA-4	0.48	n/a	2/7/2026	0.1	No	25	0	n/a	0.002832	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWA-11	0.1422	n/a	2/8/2026	0.079J	No	25	16	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-5	0.33	n/a	2/8/2026	0.07J	No	25	20	n/a	0.002832	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-6	0.2495	n/a	2/9/2026	0.05J	No	25	8	x^(1/3)	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-7	0.4578	n/a	2/9/2026	0.087J	No	25	0	ln(x)	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-8	0.4	n/a	2/9/2026	0.11	No	26	0	n/a	0.002667	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-9	0.1563	n/a	2/9/2026	0.068J	No	25	4	sqrt(x)	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-10	0.1682	n/a	2/8/2026	0.097J	No	25	8	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-18	0.2045	n/a	2/10/2026	0.095J	No	25	4	sqrt(x)	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-19	0.2416	n/a	2/8/2026	0.096J	No	25	4	ln(x)	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-20	0.1681	n/a	2/9/2026	0.087J	No	25	4	x^(1/3)	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-21	0.199	n/a	2/9/2026	0.1ND	No	25	36	sqrt(x)	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-22	0.1386	n/a	2/9/2026	0.061J	No	25	4	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-23	0.1664	n/a	2/9/2026	0.075J	No	25	4	No	0.0006269	Param Intra 1 of 2
pH, Field (SU)	GWA-1	7.441	6.607	2/8/2026	7.28	No	25	0	No	0.0003135	Param Intra 1 of 2

Appendix III Intrawell Prediction Limits - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 4/8/2026, 12:50 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
pH, Field (SU)	GWA-2	7.188	6.586	2/8/2026	6.98	No	25	0	No	0.0003135	Param Intra 1 of 2
pH, Field (SU)	GWA-3	7.115	6.388	2/8/2026	6.87	No	25	0	No	0.0003135	Param Intra 1 of 2
pH, Field (SU)	GWA-4	7.164	6.433	2/7/2026	6.76	No	25	0	No	0.0003135	Param Intra 1 of 2
pH, Field (SU)	GWA-11	7.134	6.415	2/8/2026	6.97	No	25	0	No	0.0003135	Param Intra 1 of 2
pH, Field (SU)	GWC-5	7.216	6.527	2/8/2026	6.94	No	25	0	No	0.0003135	Param Intra 1 of 2
pH, Field (SU)	GWC-6	7.508	6.618	2/9/2026	7.34	No	32	0	No	0.0003135	Param Intra 1 of 2
pH, Field (SU)	GWC-7	6.71	5.475	2/9/2026	5.68	No	29	0	No	0.0003135	Param Intra 1 of 2
pH, Field (SU)	GWC-8	7.741	6.674	2/9/2026	7.4	No	35	0	No	0.0003135	Param Intra 1 of 2
pH, Field (SU)	GWC-9	7.344	6.421	2/9/2026	7.18	No	27	0	No	0.0003135	Param Intra 1 of 2
pH, Field (SU)	GWC-10	7.733	6.921	2/8/2026	7.59	No	29	0	No	0.0003135	Param Intra 1 of 2
pH, Field (SU)	**GWC-18**	**7.805**	**7.397**	**2/10/2026**	**7.81**	**Yes**	**27**	**0**	**No**	**0.0003135**	**Param Intra 1 of 2**
pH, Field (SU)	GWC-19	7.763	7.253	2/8/2026	7.6	No	28	0	No	0.0003135	Param Intra 1 of 2
pH, Field (SU)	GWC-20	7.689	6.949	2/9/2026	7.59	No	32	0	No	0.0003135	Param Intra 1 of 2
pH, Field (SU)	GWC-21	7.364	5.676	2/9/2026	6.55	No	30	0	No	0.0003135	Param Intra 1 of 2
pH, Field (SU)	GWC-22	7.92	7.322	2/9/2026	7.9	No	27	0	No	0.0003135	Param Intra 1 of 2
pH, Field (SU)	GWC-23	7.462	6.755	2/9/2026	7.25	No	25	0	No	0.0003135	Param Intra 1 of 2
Sulfate (mg/L)	GWA-1	5.999	n/a	2/8/2026	3.7	No	25	0	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWA-2	36.35	n/a	2/8/2026	34.6	No	25	0	x^(1/3)	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWA-3	152.6	n/a	2/8/2026	89	No	23	0	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWA-4	291.4	n/a	2/7/2026	177	No	25	0	sqrt(x)	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWA-11	14.94	n/a	2/8/2026	9.2	No	25	0	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-5	104	n/a	2/8/2026	90.8	No	23	0	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-6	138	n/a	2/9/2026	93.1	No	29	0	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-7	165	n/a	2/9/2026	103	No	25	0	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-8	58.36	n/a	2/9/2026	35.6	No	25	0	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-9	86.7	n/a	2/9/2026	79.8	No	26	0	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-10	33.9	n/a	2/8/2026	9.3	No	26	0	n/a	0.002667	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWC-18	13.73	n/a	2/10/2026	7.5	No	25	0	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	**GWC-19**	**27.83**	**n/a**	**2/8/2026**	**29.1**	**Yes**	**25**	**0**	**No**	**0.0006269**	**Param Intra 1 of 2**
Sulfate (mg/L)	GWC-20	86.47	n/a	2/9/2026	69.6	No	17	0	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-21	49.69	n/a	2/9/2026	22.6	No	25	0	No	0.0006269	Param Intra 1 of 2
TDS (mg/L)	GWA-1	158.2	n/a	2/8/2026	105	No	25	0	No	0.0006269	Param Intra 1 of 2
TDS (mg/L)	GWA-2	304.7	n/a	2/8/2026	281	No	24	0	No	0.0006269	Param Intra 1 of 2
TDS (mg/L)	GWA-3	536.2	n/a	2/8/2026	348	No	23	0	No	0.0006269	Param Intra 1 of 2
TDS (mg/L)	GWA-4	564.9	n/a	2/7/2026	533	No	20	0	No	0.0006269	Param Intra 1 of 2
TDS (mg/L)	GWA-11	181.6	n/a	2/8/2026	131	No	25	0	No	0.0006269	Param Intra 1 of 2
TDS (mg/L)	GWC-5	478.3	n/a	2/8/2026	393	No	25	0	x^(1/3)	0.0006269	Param Intra 1 of 2
TDS (mg/L)	GWC-6	412.1	n/a	2/9/2026	323	No	27	0	No	0.0006269	Param Intra 1 of 2
TDS (mg/L)	GWC-7	347.3	n/a	2/9/2026	236	No	25	0	No	0.0006269	Param Intra 1 of 2
TDS (mg/L)	GWC-8	431.9	n/a	2/9/2026	289	No	26	0	No	0.0006269	Param Intra 1 of 2
TDS (mg/L)	GWC-9	306.9	n/a	2/9/2026	241	No	25	0	No	0.0006269	Param Intra 1 of 2
TDS (mg/L)	GWC-10	253.9	n/a	2/8/2026	183	No	25	0	No	0.0006269	Param Intra 1 of 2
TDS (mg/L)	GWC-18	268.3	n/a	2/10/2026	187	No	24	0	No	0.0006269	Param Intra 1 of 2
TDS (mg/L)	GWC-19	291.4	n/a	2/8/2026	257	No	24	0	sqrt(x)	0.0006269	Param Intra 1 of 2
TDS (mg/L)	GWC-20	358.5	n/a	2/9/2026	294	No	25	0	No	0.0006269	Param Intra 1 of 2
TDS (mg/L)	GWC-21	375.7	n/a	2/9/2026	140	No	27	0	sqrt(x)	0.0006269	Param Intra 1 of 2
TDS (mg/L)	GWC-22	252	n/a	2/9/2026	212	No	24	0	No	0.0006269	Param Intra 1 of 2
TDS (mg/L)	GWC-23	282.5	n/a	2/9/2026	176	No	25	0	No	0.0006269	Param Intra 1 of 2

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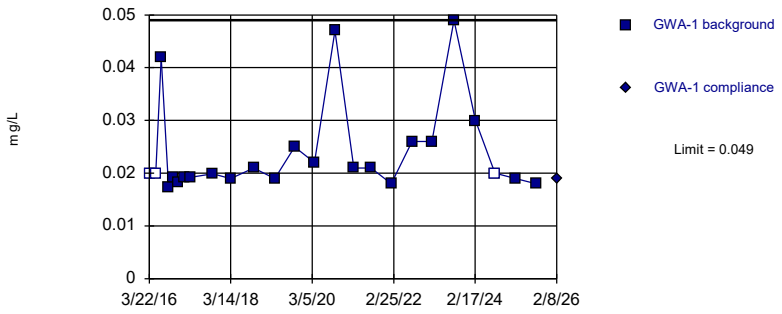
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 25 background values. 12% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Boron Analysis Run 4/8/2026 12:45 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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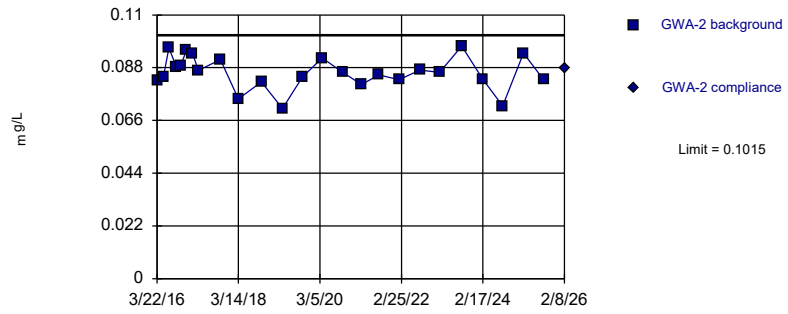
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.08597, Std. Dev.=0.006918, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9482, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Boron Analysis Run 4/8/2026 12:45 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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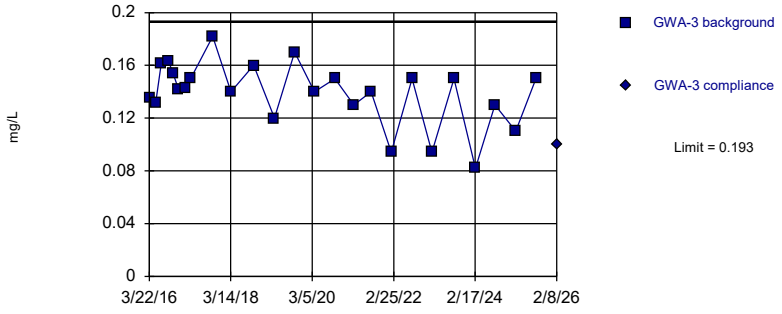
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.1389, Std. Dev.=0.02406, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9362, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Boron Analysis Run 4/8/2026 12:45 PM View: Appendix III Intrawell
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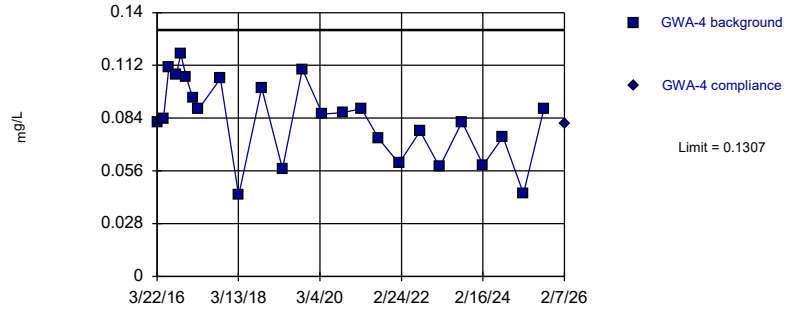
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.08336, Std. Dev.=0.02105, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9568, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Boron Analysis Run 4/8/2026 12:45 PM View: Appendix III Intrawell
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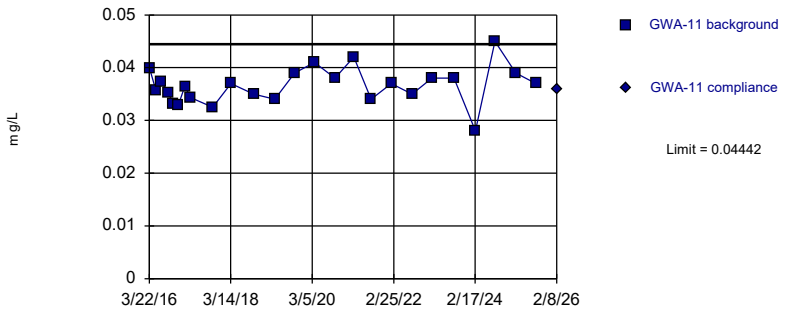
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.03659, Std. Dev.=0.003481, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9795, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

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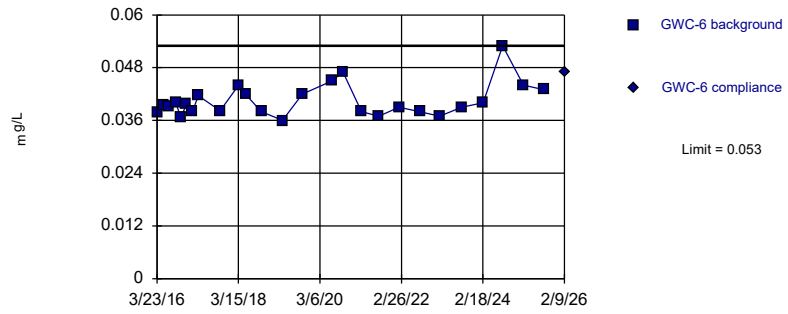
Within Limit

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 26 background values. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

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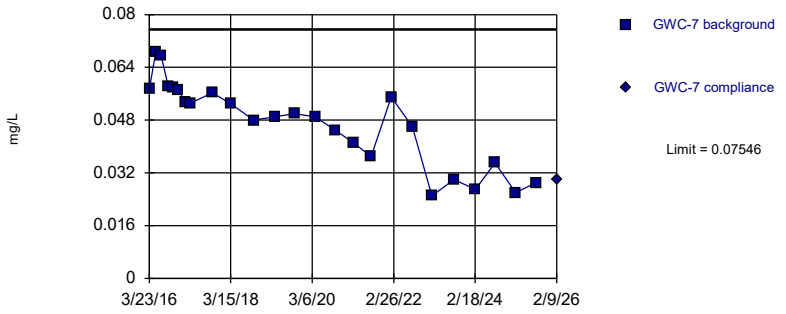
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.04698, Std. Dev.=0.01266, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9342, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Boron Analysis Run 4/8/2026 12:45 PM View: Appendix III Intrawell

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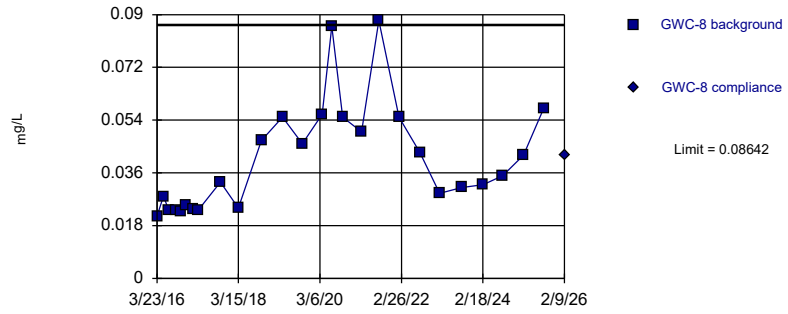
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.197, Std. Dev.=0.04331, n=26. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.895, critical = 0.891. Kappa = 2.239 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Boron Analysis Run 4/8/2026 12:45 PM View: Appendix III Intrawell

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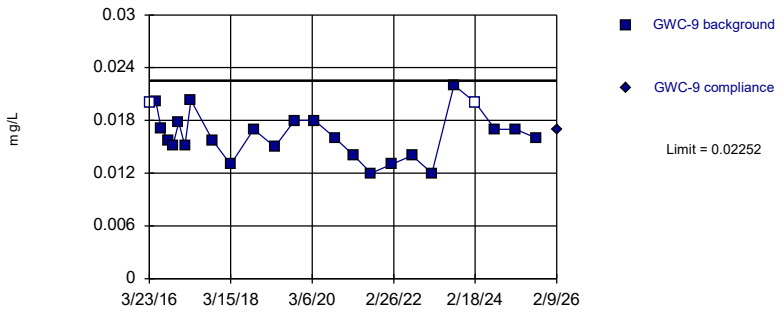
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01644, Std. Dev.=0.002702, n=25, 8% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9665, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Boron Analysis Run 4/8/2026 12:45 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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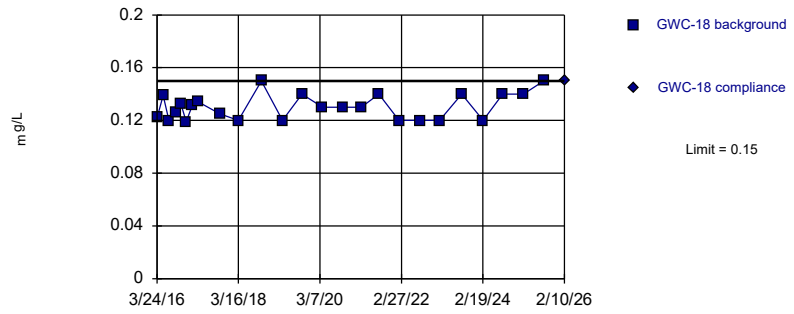
Within Limit

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 25 background values. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Boron Analysis Run 4/8/2026 12:45 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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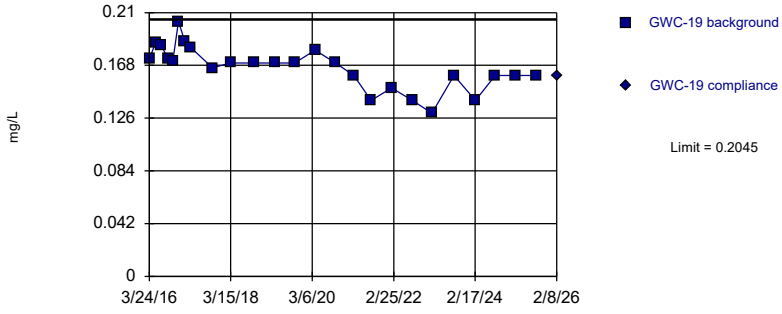
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.1662, Std. Dev.=0.01701, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.96, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Boron Analysis Run 4/8/2026 12:45 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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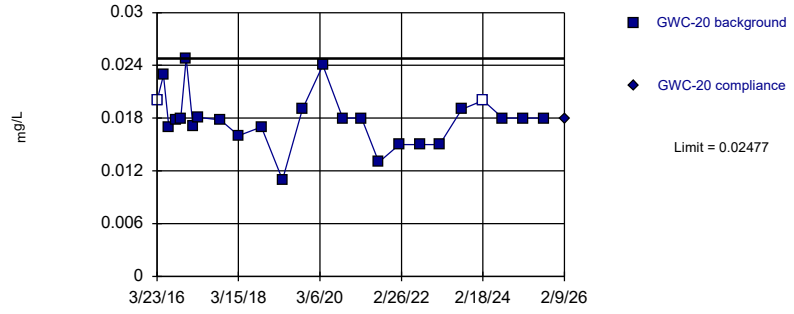
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.0179, Std. Dev.=0.003056, n=25, 8% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.932, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Boron Analysis Run 4/8/2026 12:45 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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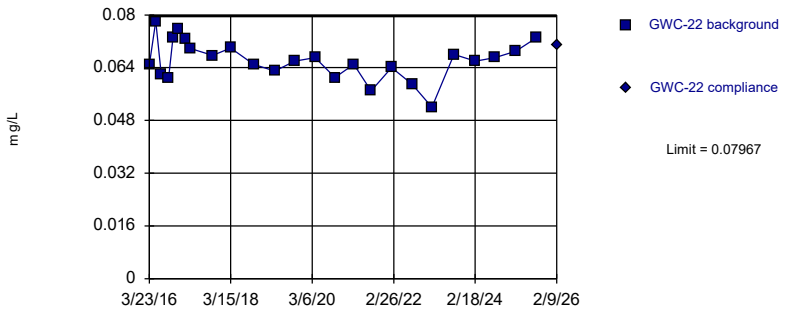
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.06629, Std. Dev.=0.005948, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.988, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Boron Analysis Run 4/8/2026 12:45 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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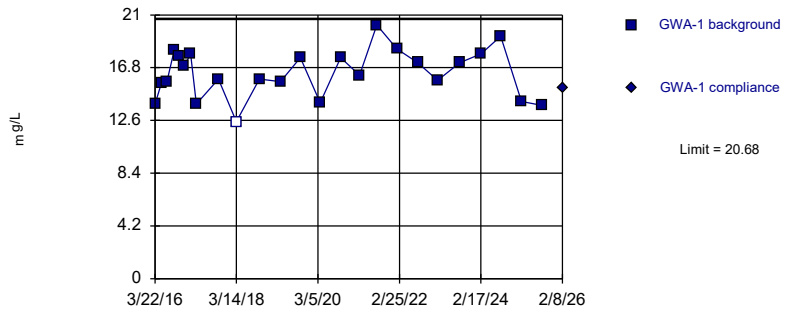
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=16.36, Std. Dev.=1.918, n=25, 4% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9658, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 4/8/2026 12:45 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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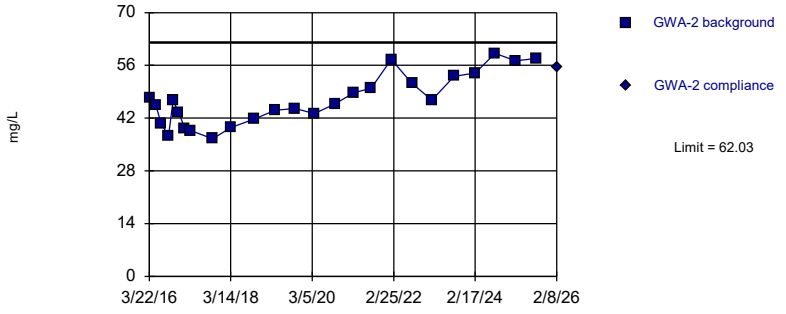
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=46.78, Std. Dev.=6.774, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9476, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 4/8/2026 12:45 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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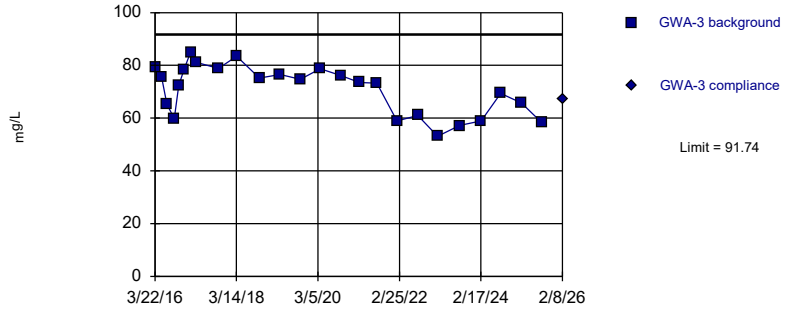
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=70.82, Std. Dev.=9.3, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.924, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 4/8/2026 12:45 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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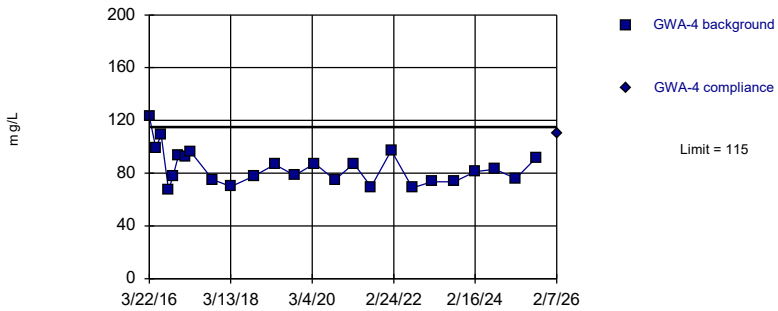
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=84.44, Std. Dev.=13.58, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9167, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 4/8/2026 12:45 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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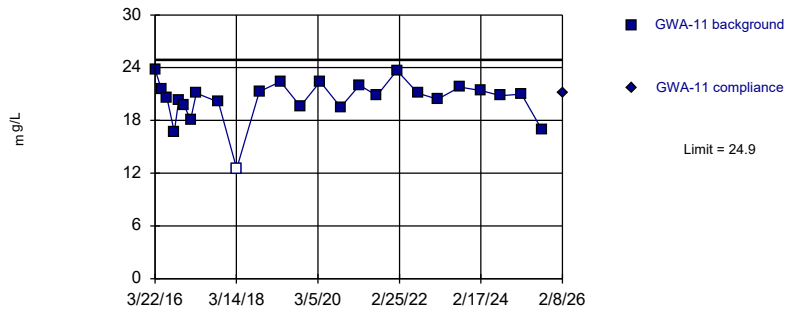
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation): Mean=420.9, Std. Dev.=88.46, n=25, 4% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9175, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 4/8/2026 12:45 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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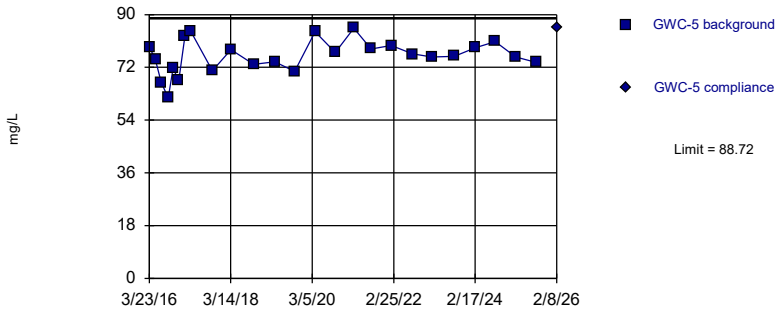
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=75.83, Std. Dev.=5.73, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.976, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 4/8/2026 12:45 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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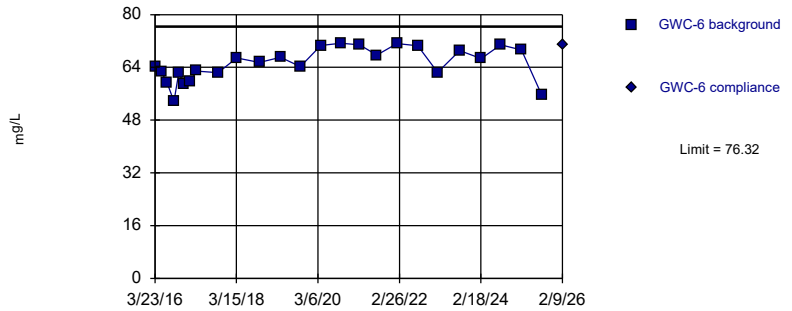
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=65.04, Std. Dev.=5.014, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.933, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 4/8/2026 12:45 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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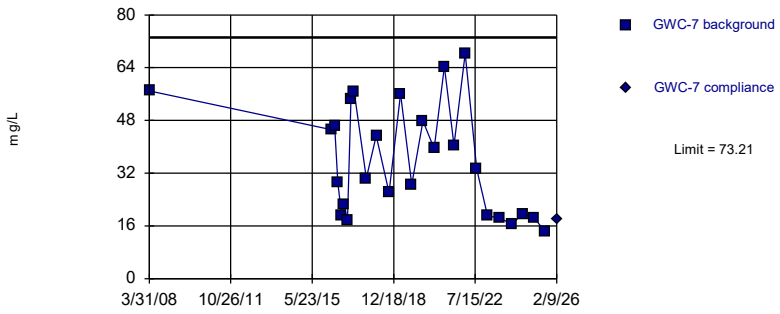
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=35.88, Std. Dev.=16.67, n=26. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9158, critical = 0.891. Kappa = 2.239 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 4/8/2026 12:46 PM View: Appendix III Intrawell

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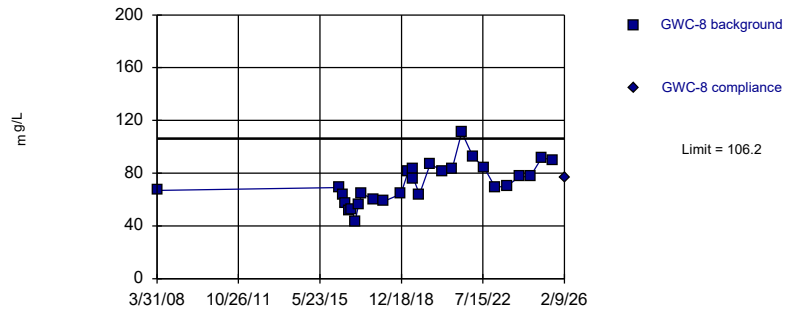
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=72.46, Std. Dev.=15.2, n=28. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9796, critical = 0.896. Kappa = 2.218 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 4/8/2026 12:46 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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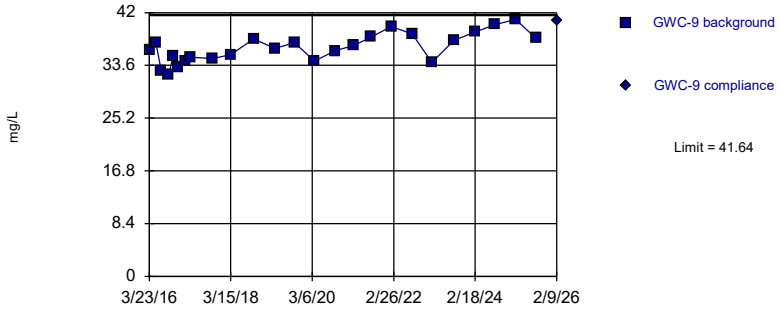
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=36.4, Std. Dev.=2.328, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9823, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 4/8/2026 12:46 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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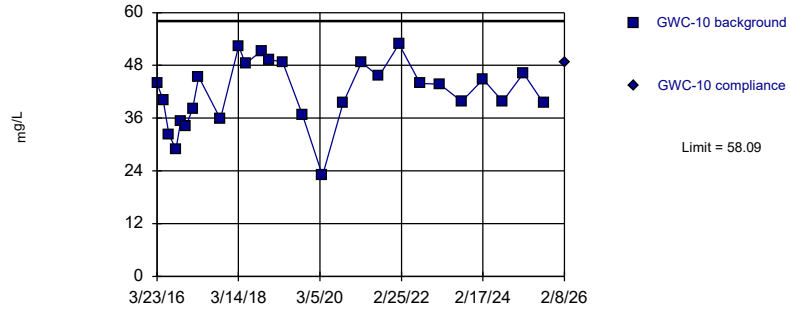
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=41.78, Std. Dev.=7.322, n=27. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9622, critical = 0.894. Kappa = 2.228 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

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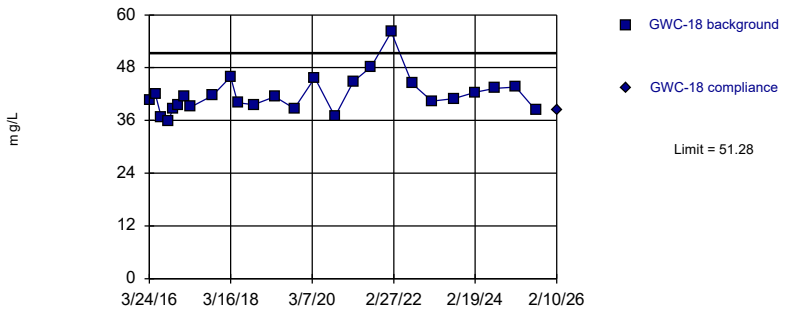
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=6.457, Std. Dev.=0.3146, n=26. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9083, critical = 0.891. Kappa = 2.239 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 4/8/2026 12:46 PM View: Appendix III Intrawell

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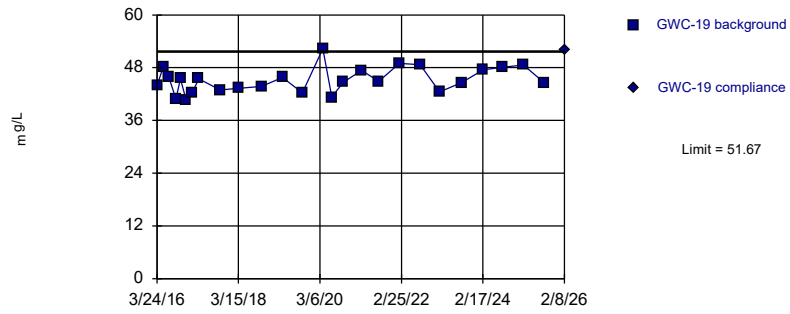
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=45.19, Std. Dev.=2.894, n=26. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9663, critical = 0.891. Kappa = 2.239 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 4/8/2026 12:46 PM View: Appendix III Intrawell

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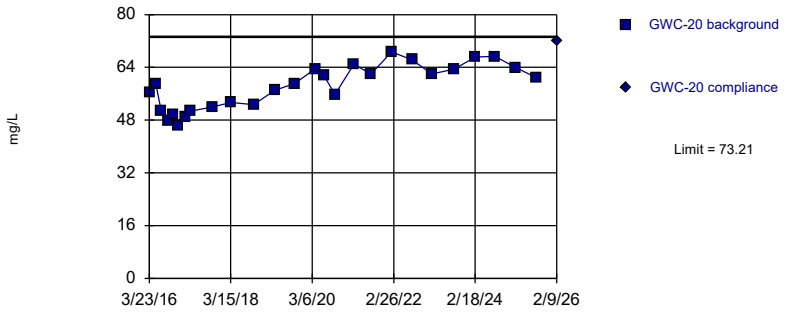
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=58.14, Std. Dev.=6.73, n=26. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9455, critical = 0.891. Kappa = 2.239 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 4/8/2026 12:46 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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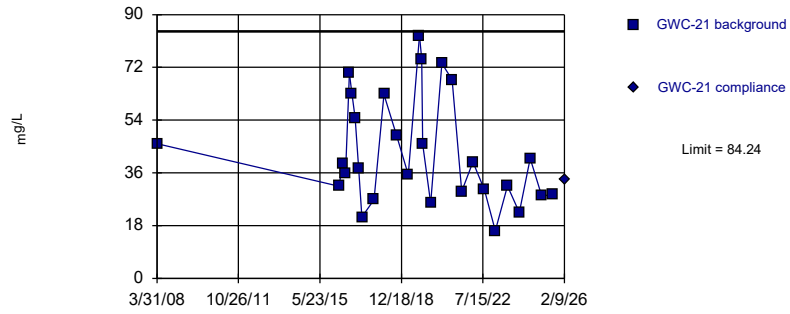
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=43.21, Std. Dev.=18.5, n=28. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.92, critical = 0.896. Kappa = 2.218 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 4/8/2026 12:46 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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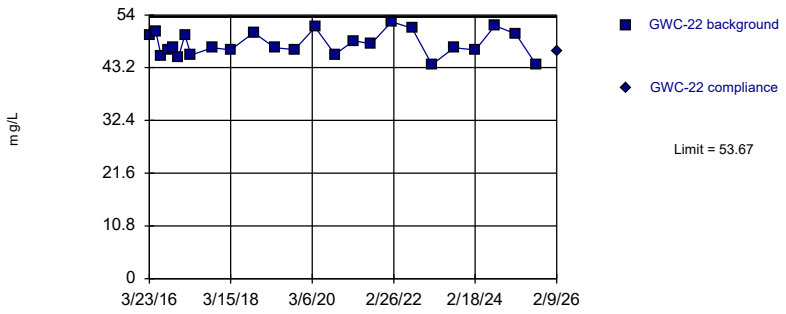
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=48.07, Std. Dev.=2.488, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9523, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 4/8/2026 12:46 PM View: Appendix III Intrawell

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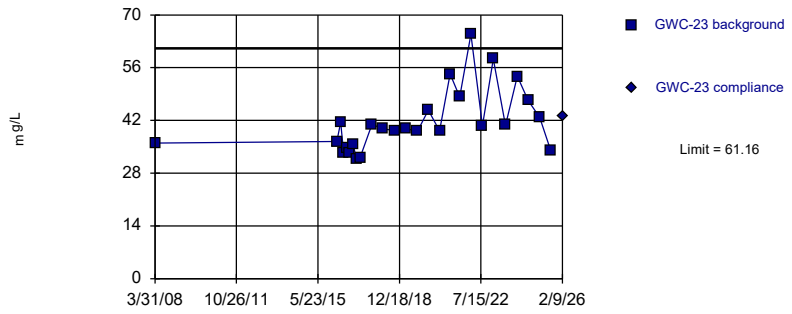
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=6.423, Std. Dev.=0.6243, n=26. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9078, critical = 0.891. Kappa = 2.239 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 4/8/2026 12:46 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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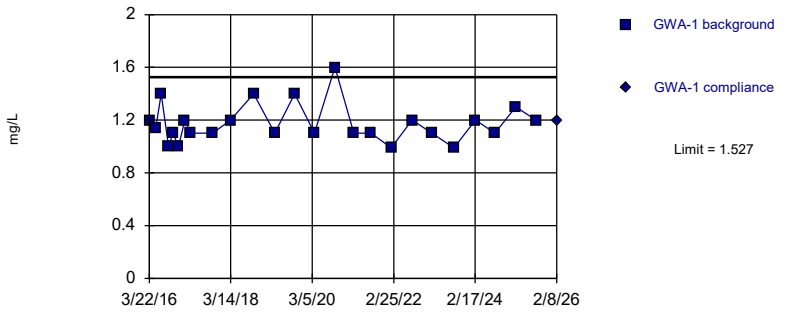
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation): Mean=0.152, Std. Dev.=0.1205, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8941, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 4/8/2026 12:46 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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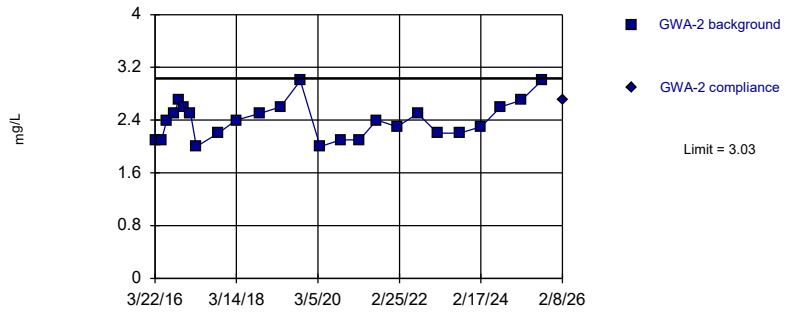
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=2.4, Std. Dev.=0.28, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9397, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 4/8/2026 12:46 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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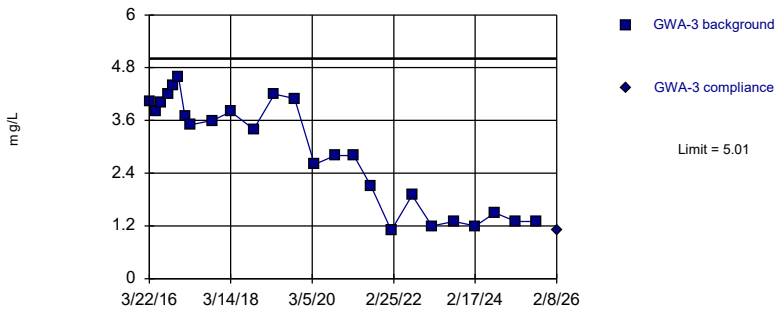
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation): Mean=9.847, Std. Dev.=6.78, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8922, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 4/8/2026 12:46 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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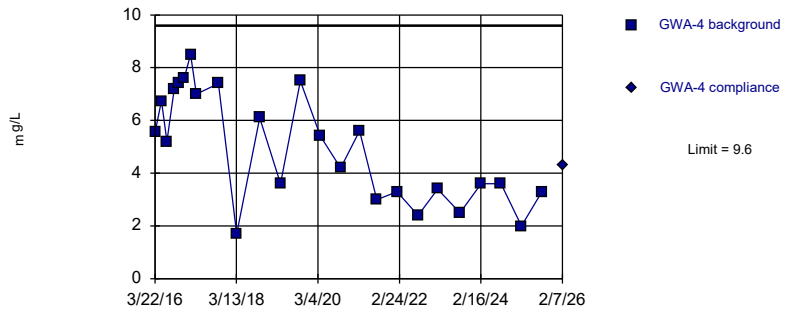
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.952, Std. Dev.=2.066, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9282, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 4/8/2026 12:46 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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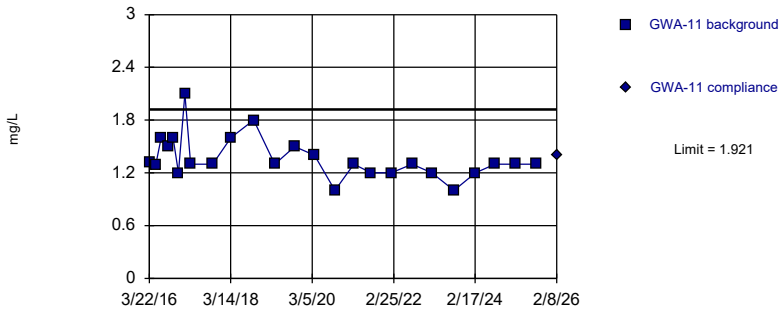
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=1.164, Std. Dev.=0.09876, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8922, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 4/8/2026 12:46 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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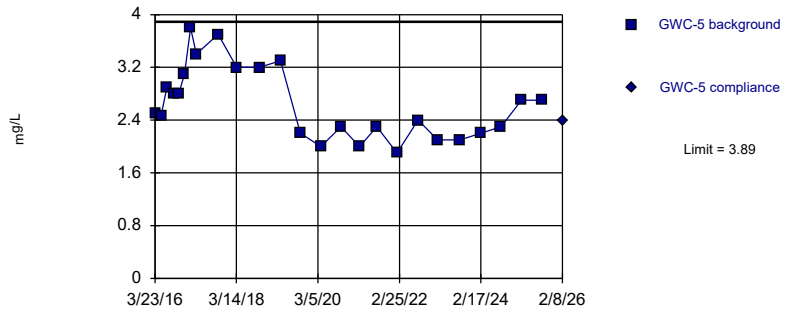
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=2.655, Std. Dev.=0.5489, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9363, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 4/8/2026 12:46 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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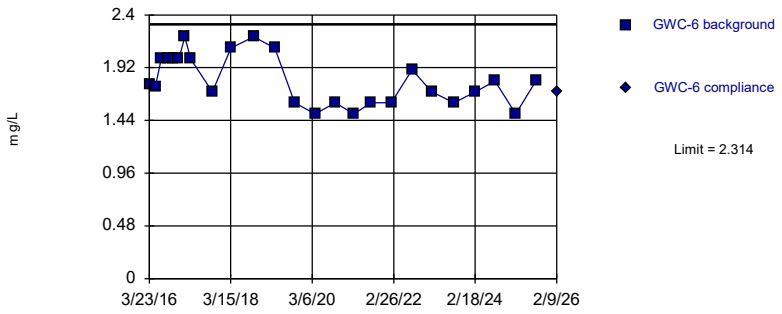
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.809, Std. Dev.=0.2247, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9202, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 4/8/2026 12:46 PM View: Appendix III Intrawell

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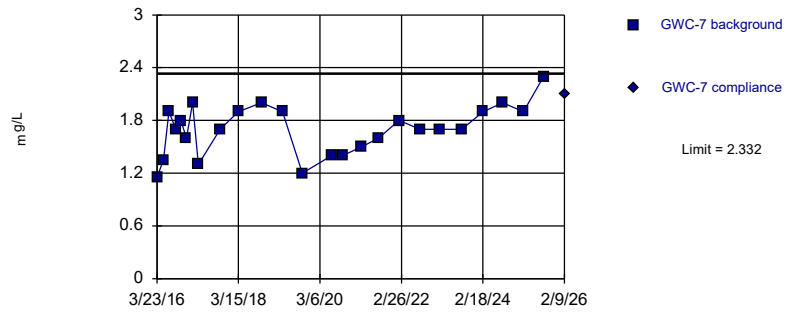
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.696, Std. Dev.=0.2826, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9611, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 4/8/2026 12:46 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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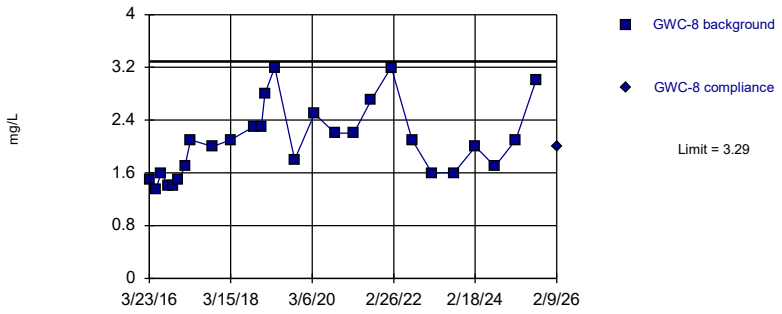
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=2.072, Std. Dev.=0.5466, n=27. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9226, critical = 0.894. Kappa = 2.228 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 4/8/2026 12:46 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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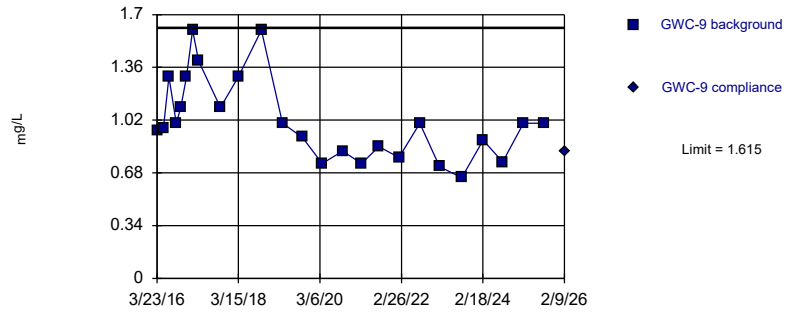
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.019, Std. Dev.=0.265, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9124, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 4/8/2026 12:46 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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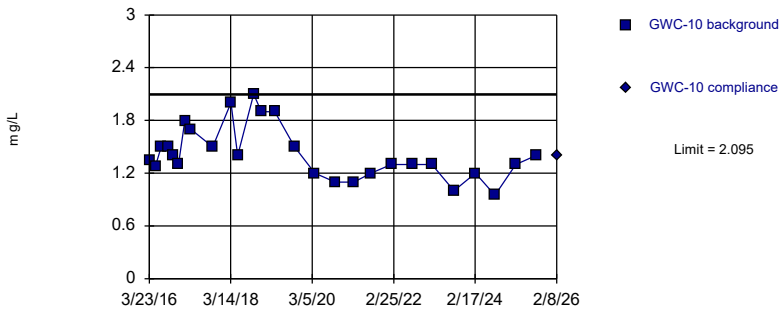
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.425, Std. Dev.=0.3008, n=27. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9273, critical = 0.894. Kappa = 2.228 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 4/8/2026 12:46 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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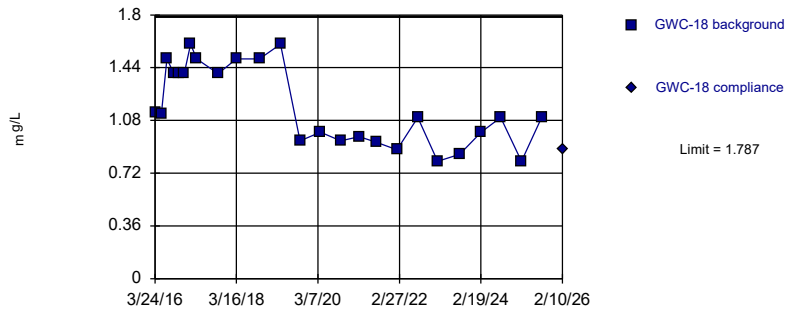
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.179, Std. Dev.=0.2704, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8952, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 4/8/2026 12:46 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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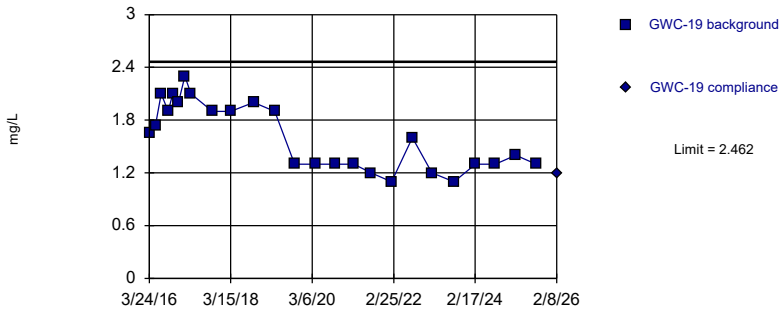
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.612, Std. Dev.=0.378, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8899, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 4/8/2026 12:46 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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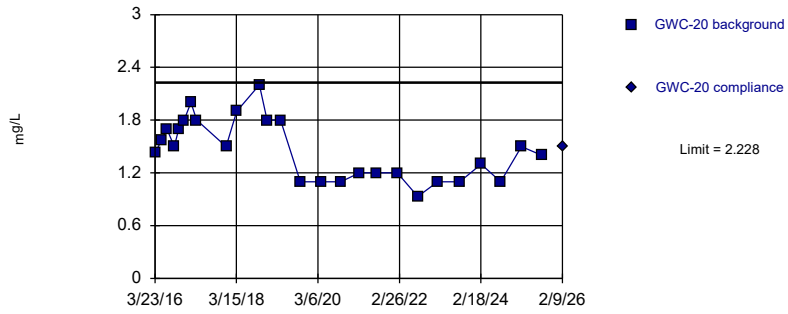
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.462, Std. Dev.=0.3417, n=26. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9361, critical = 0.891. Kappa = 2.239 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 4/8/2026 12:46 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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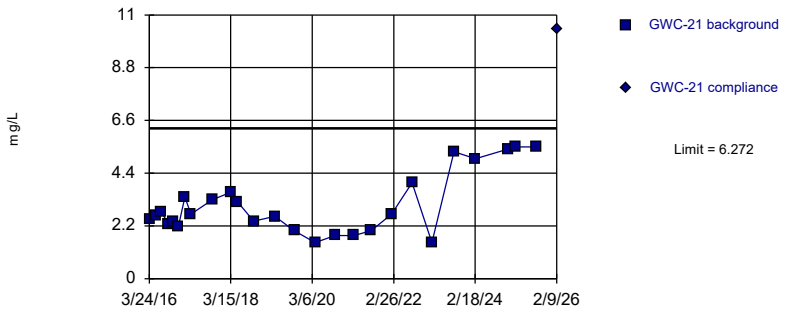
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=1.72, Std. Dev.=0.3504, n=26. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9067, critical = 0.891. Kappa = 2.239 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 4/8/2026 12:46 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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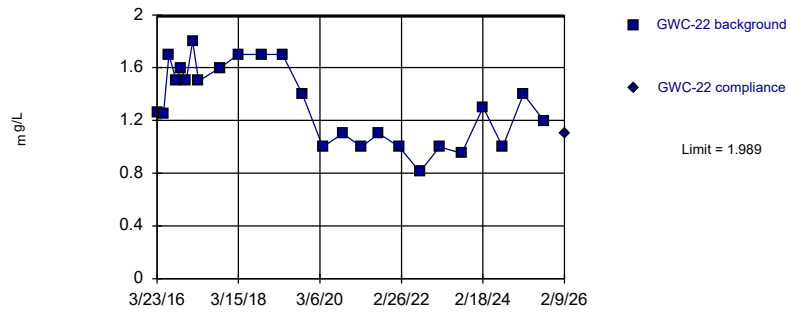
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.323, Std. Dev.=0.2961, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9288, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 4/8/2026 12:46 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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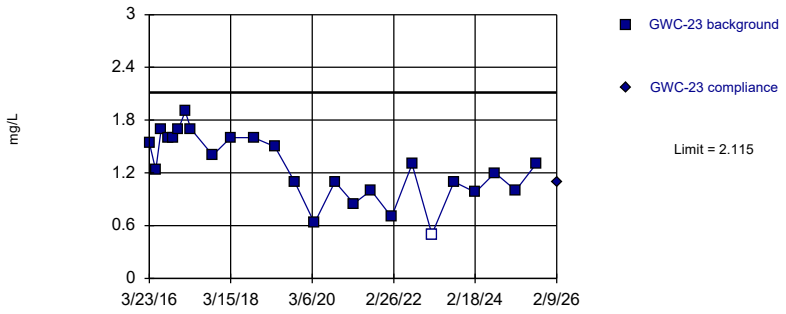
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.273, Std. Dev.=0.3741, n=25, 4% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9571, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 4/8/2026 12:46 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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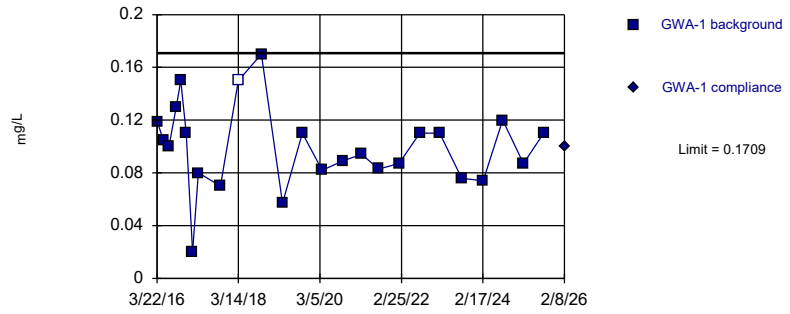
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.09972, Std. Dev.=0.03162, n=25, 4% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9688, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 4/8/2026 12:46 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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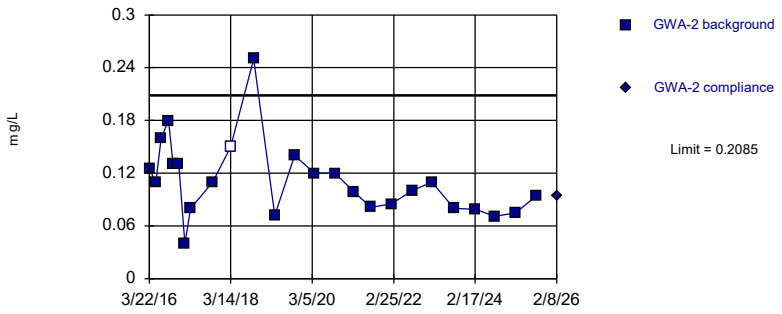
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.1116, Std. Dev.=0.04304, n=25, 4% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9028, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 4/8/2026 12:46 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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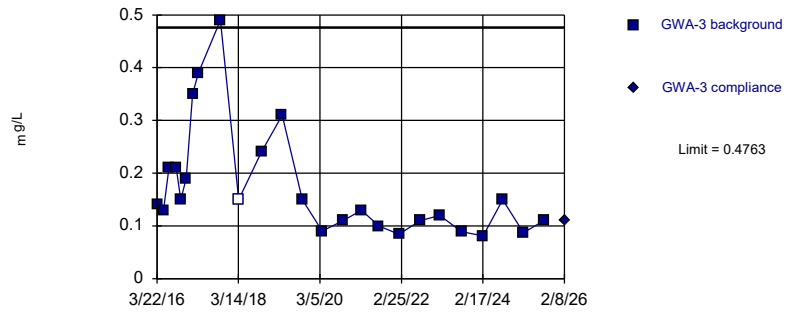
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation): Mean=-1.881, Std. Dev.=0.5062, n=25, 4% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9173, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 4/8/2026 12:46 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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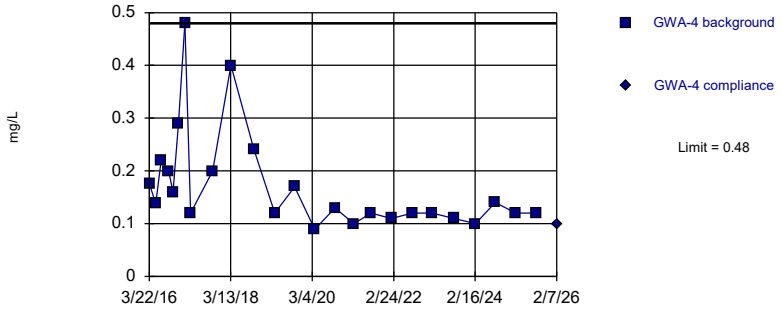
Within Limit

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 25 background values. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Fluoride Analysis Run 4/8/2026 12:46 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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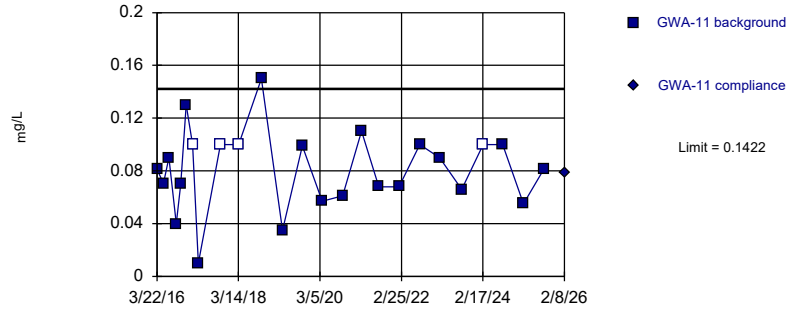
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.07176, Std. Dev.=0.03132, n=25, 16% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9695, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 4/8/2026 12:47 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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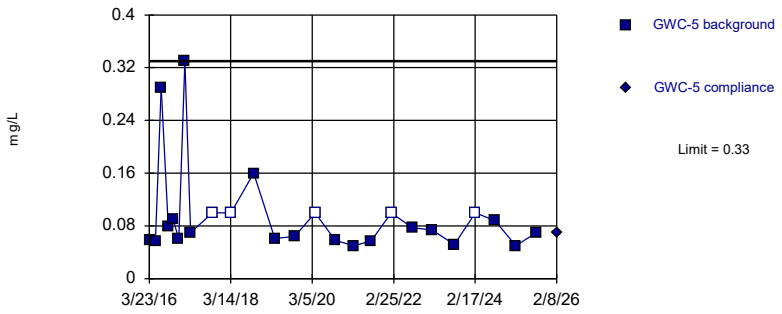
Hollow symbols indicate censored values.
Within Limit

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 25 background values. 20% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Fluoride Analysis Run 4/8/2026 12:47 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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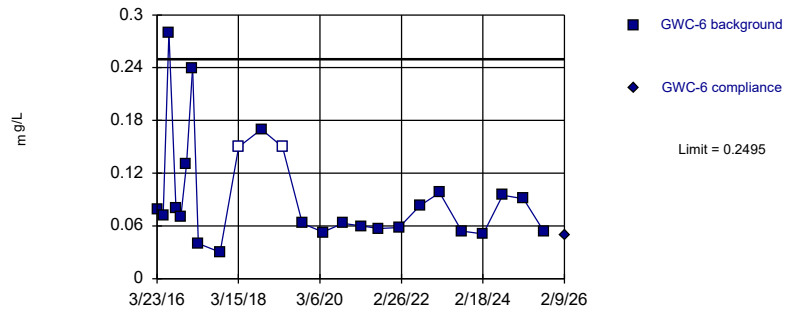
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on cube root transformation): Mean=0.4401, Std. Dev.=0.08417, n=25, 8% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9046, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 4/8/2026 12:47 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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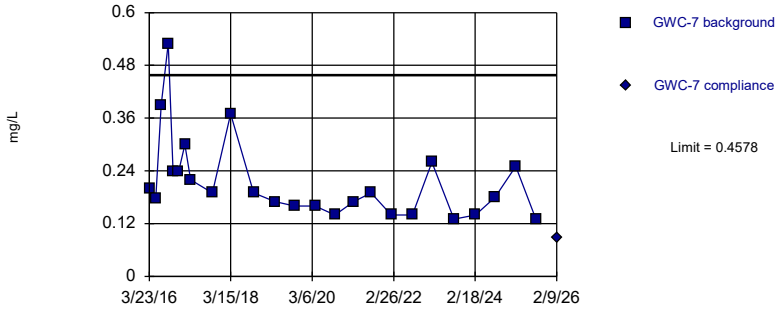
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation): Mean=-1.603, Std. Dev.=0.3651, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.909, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 4/8/2026 12:47 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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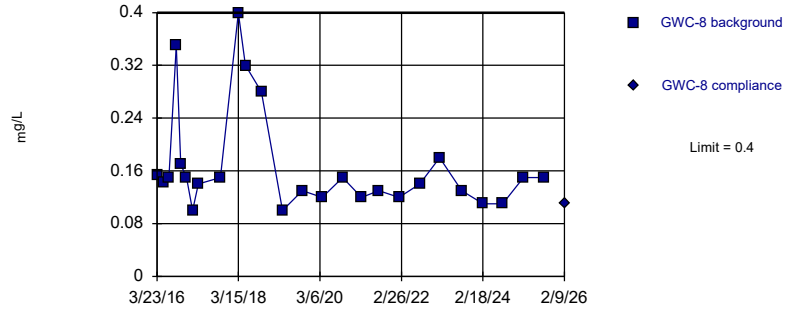
Within Limit

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 26 background values. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Fluoride Analysis Run 4/8/2026 12:47 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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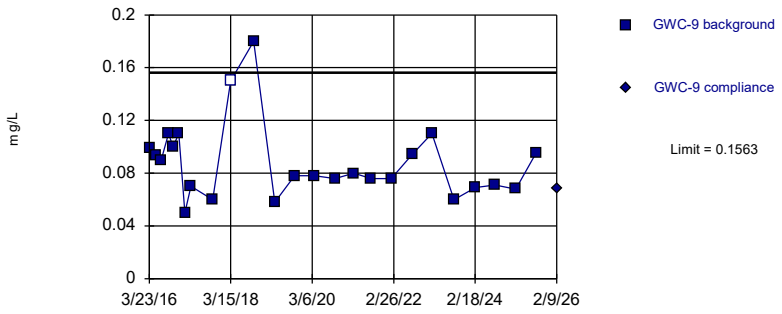
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.2934, Std. Dev.=0.04531, n=25, 4% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9154, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 4/8/2026 12:47 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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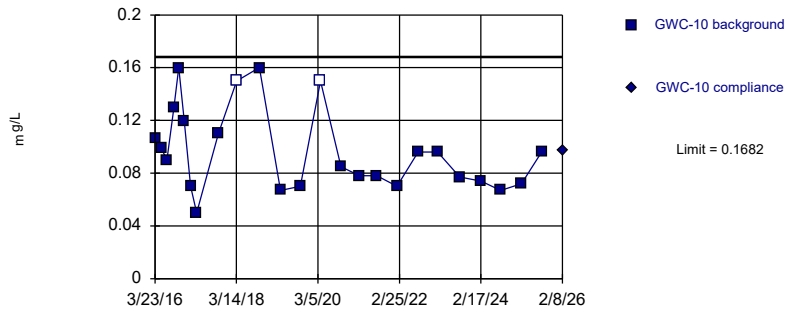
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.09688, Std. Dev.=0.0317, n=25, 8% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8911, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 4/8/2026 12:47 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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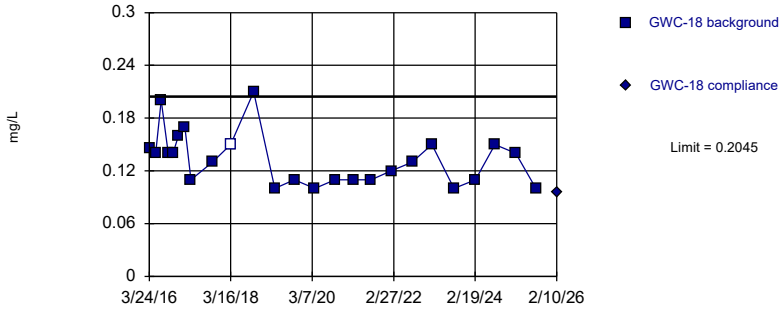
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.3633, Std. Dev.=0.03955, n=25, 4% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9065, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 4/8/2026 12:47 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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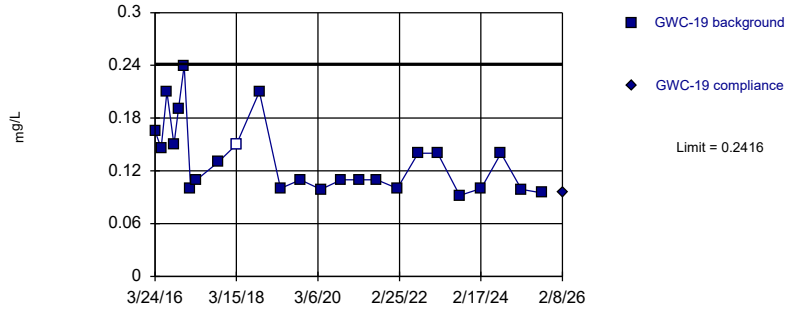
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation): Mean=-2.051, Std. Dev.=0.2803, n=25, 4% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8883, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 4/8/2026 12:47 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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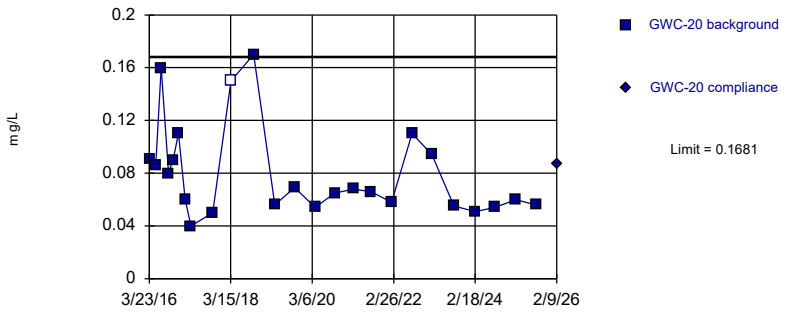
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on cube root transformation): Mean=0.4235, Std. Dev.=0.05707, n=25, 4% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8882, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 4/8/2026 12:47 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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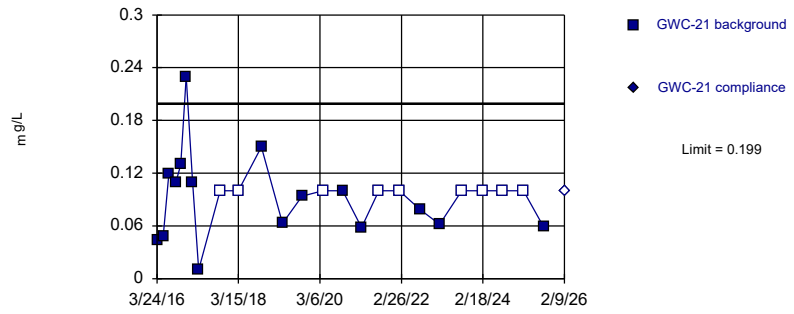
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.2664, Std. Dev.=0.07985, n=25, 36% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8944, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 4/8/2026 12:47 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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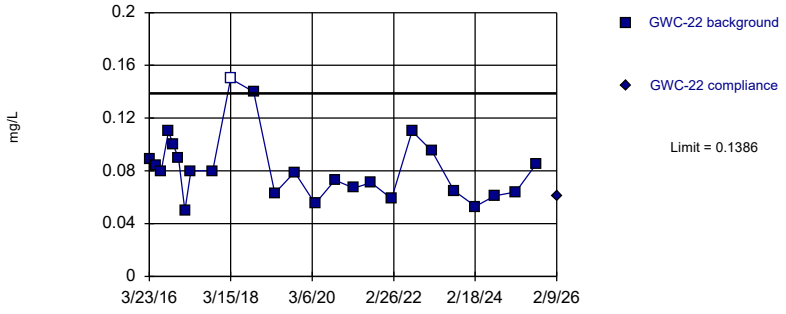
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.0821, Std. Dev.=0.02513, n=25, 4% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8963, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 4/8/2026 12:47 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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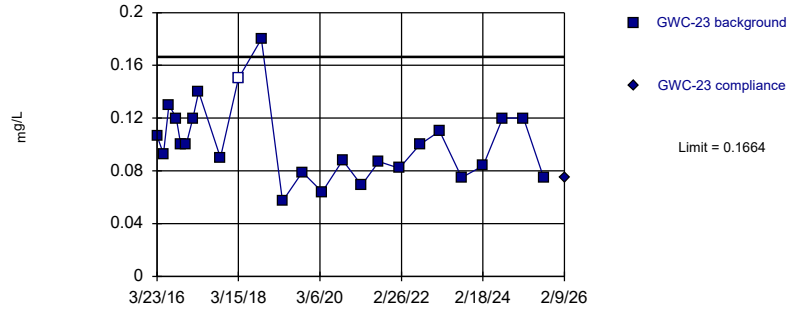
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.1016, Std. Dev.=0.02881, n=25, 4% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9519, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 4/8/2026 12:47 PM View: Appendix III Intrawell
Plant Hammond Client: Southern Company Data: Huffaker Road LF

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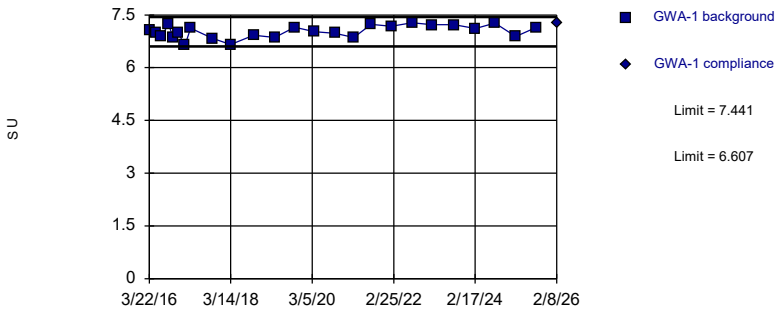
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=7.024, Std. Dev.=0.1853, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9397, 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 4/8/2026 12:47 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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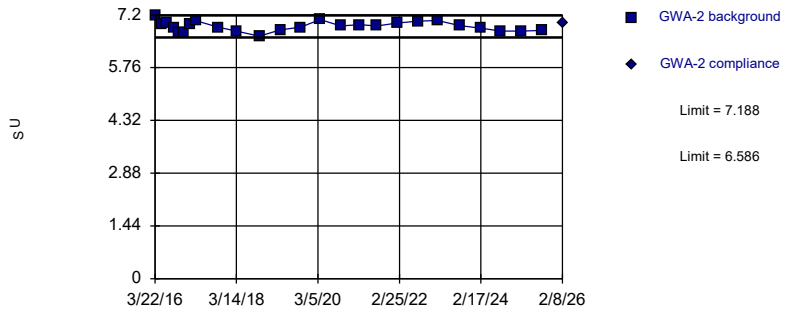
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.887, Std. Dev.=0.1339, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9869, 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 4/8/2026 12:47 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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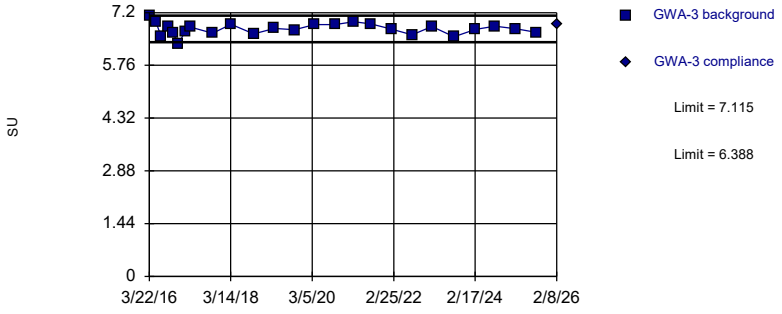
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.752, Std. Dev.=0.1614, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.983, 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 4/8/2026 12:47 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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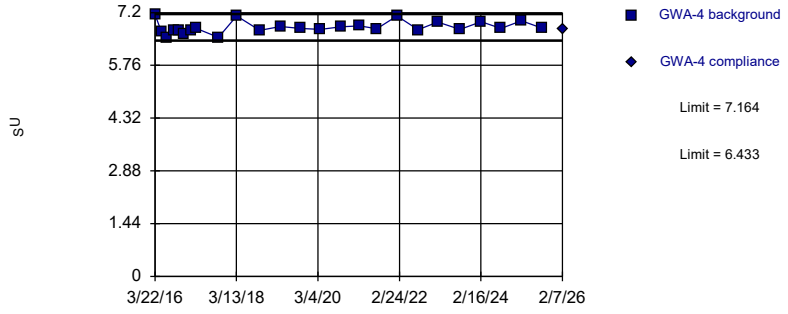
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.798, Std. Dev.=0.1624, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9178, 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 4/8/2026 12:47 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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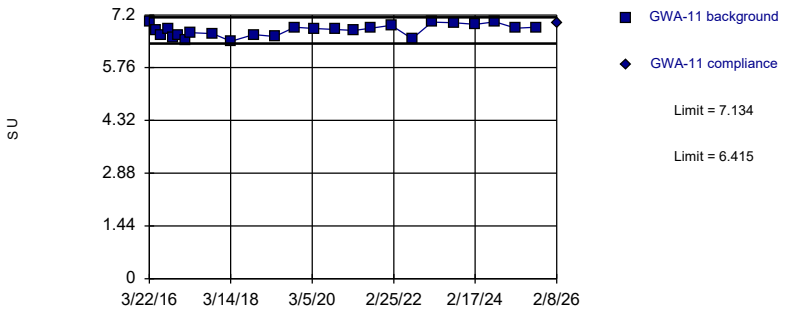
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.774, Std. Dev.=0.1599, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9523, 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 4/8/2026 12:47 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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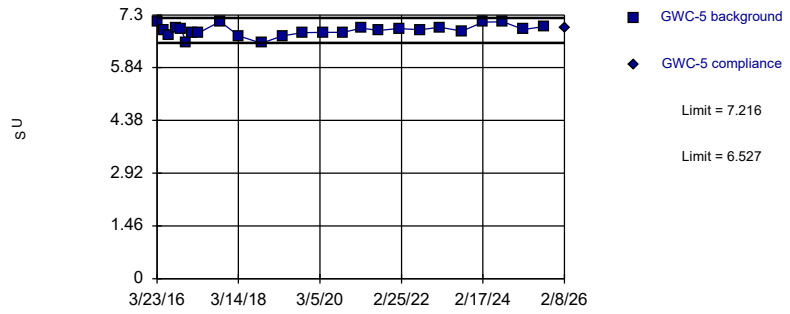
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.871, Std. Dev.=0.1531, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9463, 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 4/8/2026 12:47 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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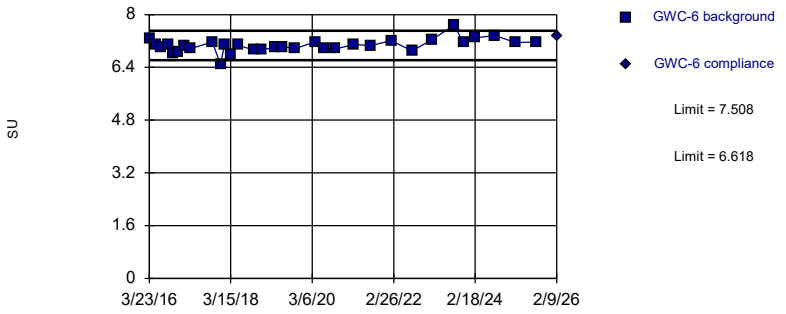
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=7.063, Std. Dev.=0.2044, n=32. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9545, critical = 0.904. Kappa = 2.178 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH, Field Analysis Run 4/8/2026 12:47 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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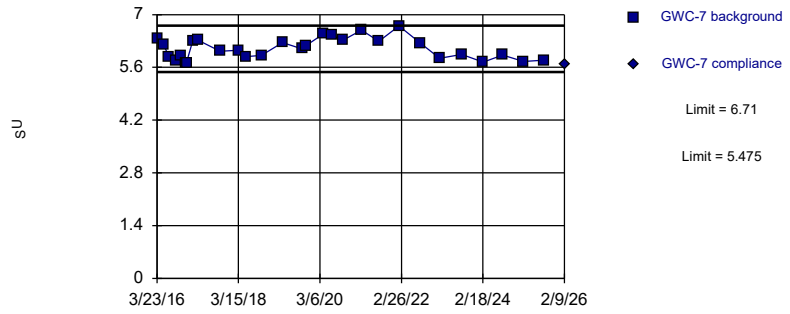
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.092, Std. Dev.=0.2798, n=29. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9338, critical = 0.898. Kappa = 2.207 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH, Field Analysis Run 4/8/2026 12:47 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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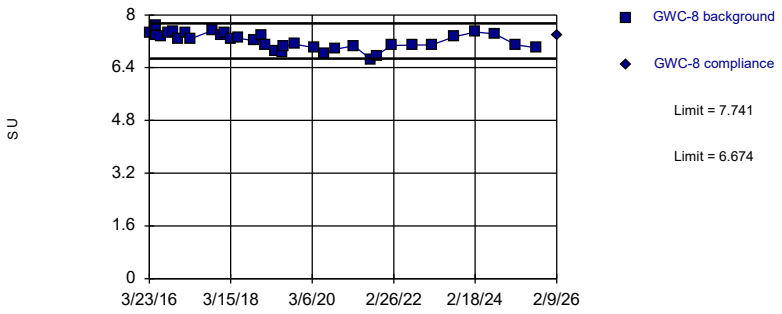
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=7.207, Std. Dev.=0.2479, n=35. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9582, critical = 0.91. Kappa = 2.152 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH, Field Analysis Run 4/8/2026 12:47 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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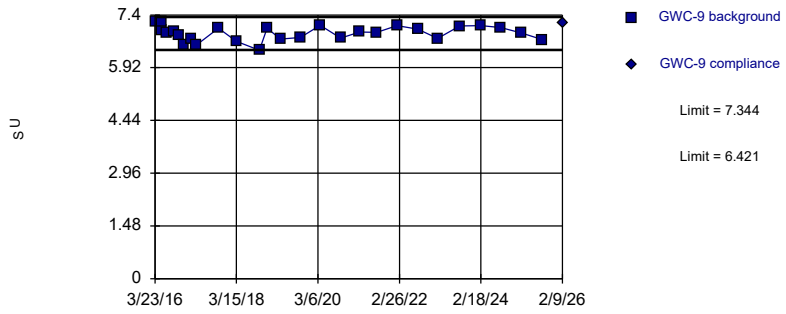
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.883, Std. Dev.=0.2072, n=27. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9624, critical = 0.894. Kappa = 2.228 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH, Field Analysis Run 4/8/2026 12:47 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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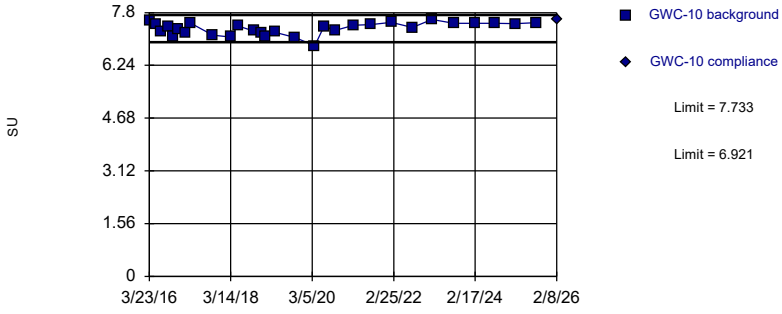
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=7.327, Std. Dev.=0.1841, n=29. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9278, critical = 0.898. Kappa = 2.207 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH, Field Analysis Run 4/8/2026 12:47 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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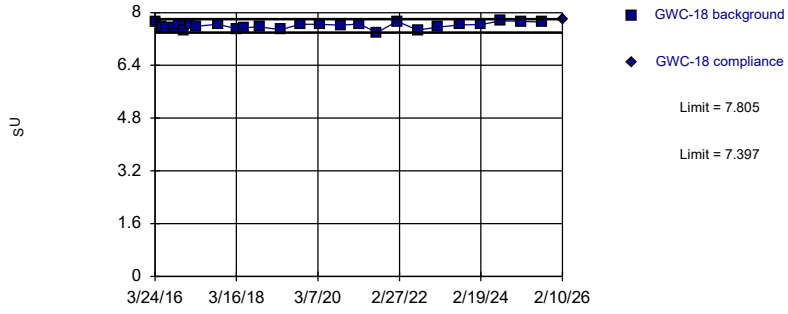
Exceeds Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=7.601, Std. Dev.=0.09144, n=27. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9687, critical = 0.894. Kappa = 2.228 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH, Field Analysis Run 4/8/2026 12:47 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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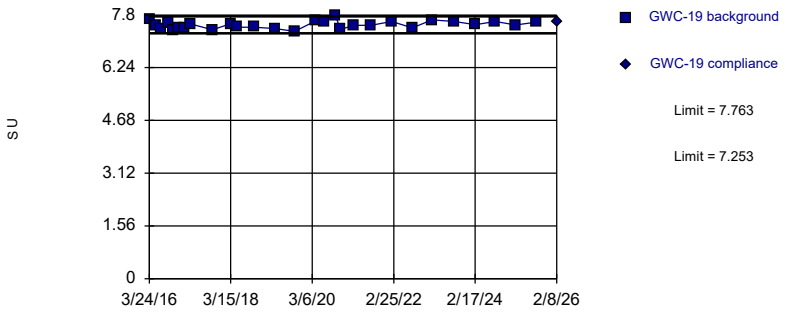
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=7.508, Std. Dev.=0.1148, n=28. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9715, 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 4/8/2026 12:47 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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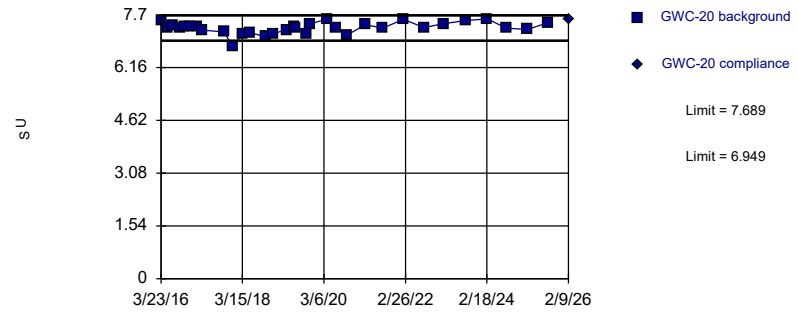
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=7.319, Std. Dev.=0.1699, n=32. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9397, critical = 0.904. Kappa = 2.178 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH, Field Analysis Run 4/8/2026 12:47 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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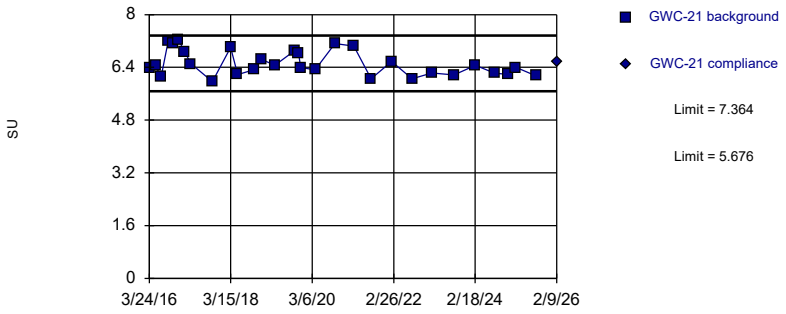
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.52, Std. Dev.=0.3843, n=30. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9135, critical = 0.9. Kappa = 2.196 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH, Field Analysis Run 4/8/2026 12:47 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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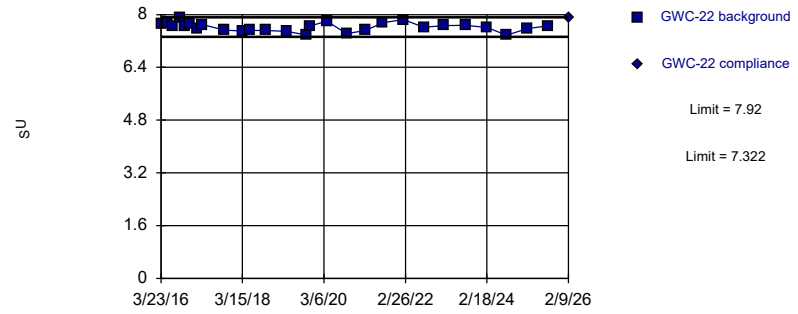
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=7.621, Std. Dev.=0.1341, n=27. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9809, critical = 0.894. Kappa = 2.228 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH, Field Analysis Run 4/8/2026 12:47 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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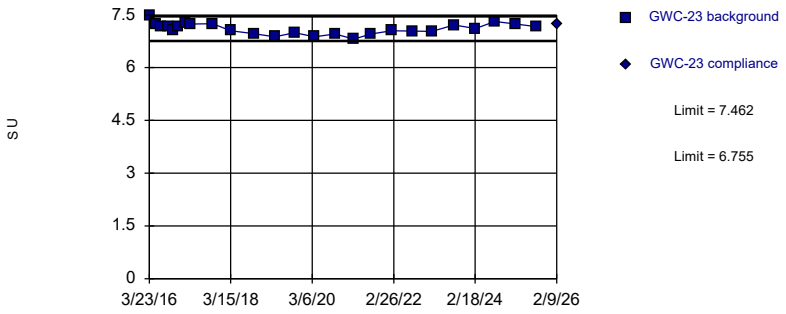
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=7.108, Std. Dev.=0.157, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9749, 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 4/8/2026 12:47 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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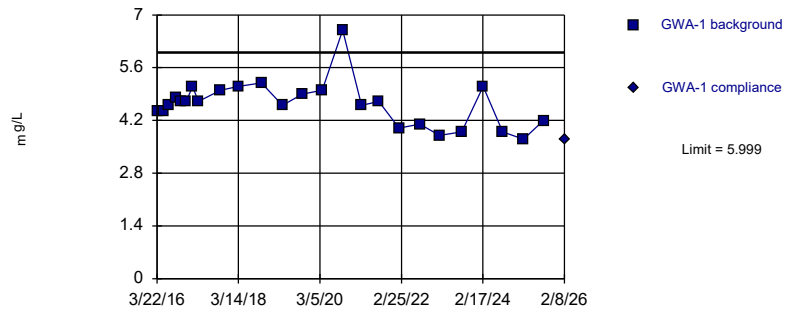
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.635, Std. Dev.=0.6064, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8984, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 4/8/2026 12:48 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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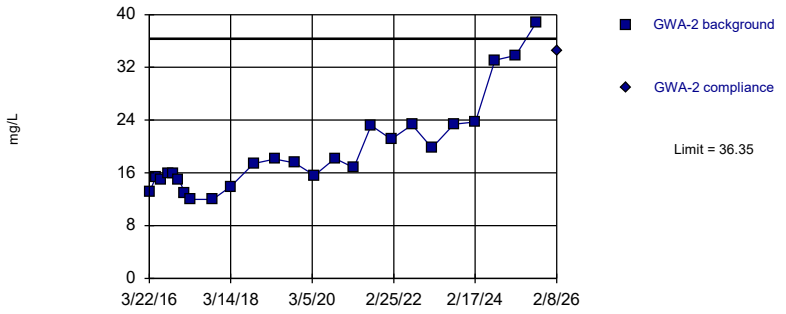
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on cube root transformation): Mean=2.655, Std. Dev.=0.292, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8986, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 4/8/2026 12:48 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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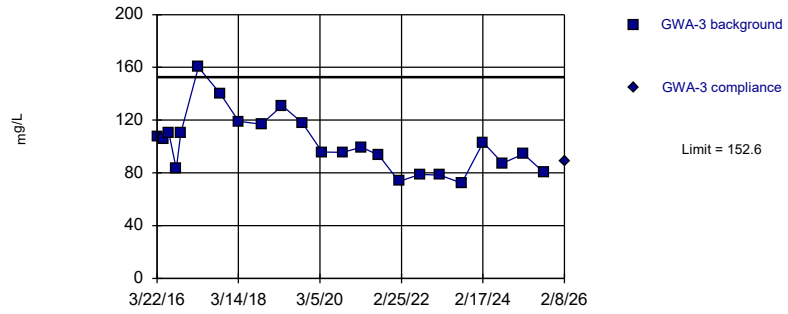
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=102.3, Std. Dev.=21.99, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9452, critical = 0.881. Kappa = 2.285 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 4/8/2026 12:48 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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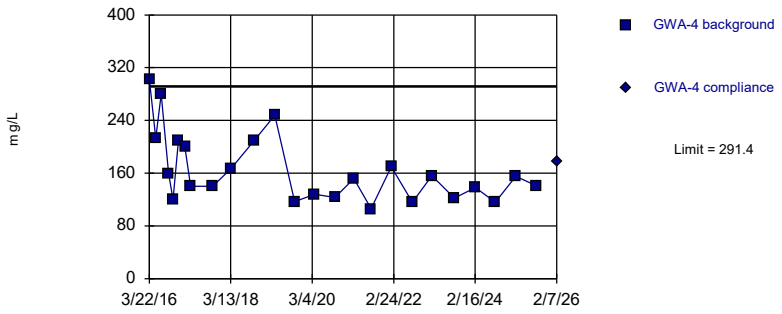
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=12.71, Std. Dev.=1.937, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8971, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 4/8/2026 12:48 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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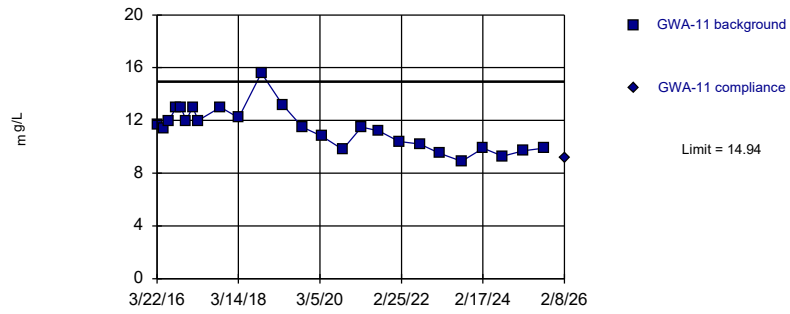
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=11.39, Std. Dev.=1.581, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9494, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 4/8/2026 12:48 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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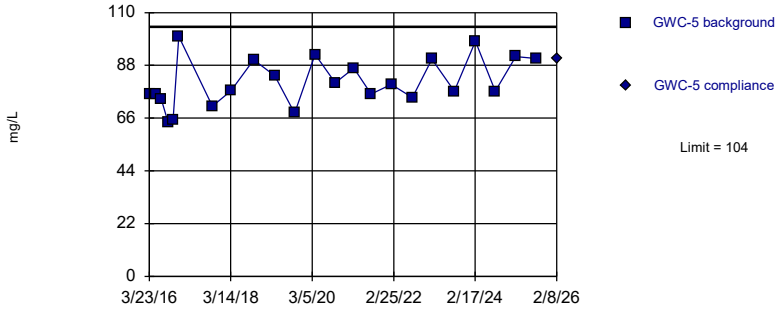
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=80.97, Std. Dev.=10.08, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9571, critical = 0.881. Kappa = 2.285 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 4/8/2026 12:48 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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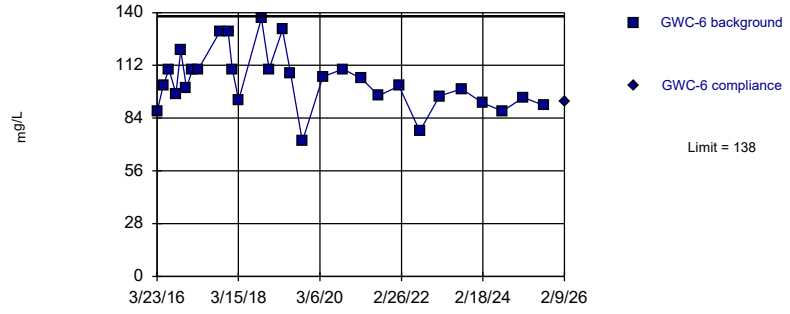
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=103.9, Std. Dev.=15.48, n=29. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9597, critical = 0.898. Kappa = 2.207 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 4/8/2026 12:48 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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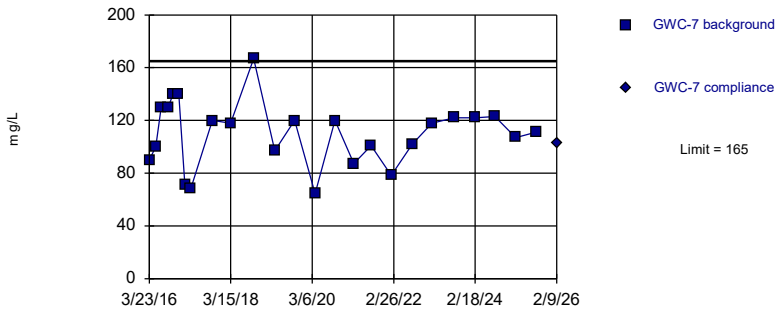
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=109.9, Std. Dev.=24.5, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9655, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 4/8/2026 12:48 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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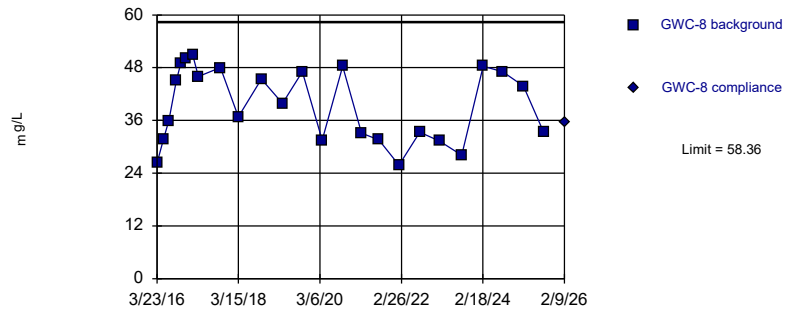
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=39.51, Std. Dev.=8.376, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8918, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 4/8/2026 12:48 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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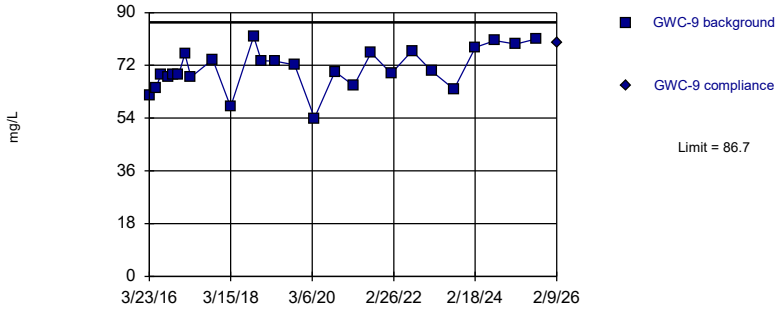
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=70.86, Std. Dev.=7.074, n=26. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9664, critical = 0.891. Kappa = 2.239 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 4/8/2026 12:48 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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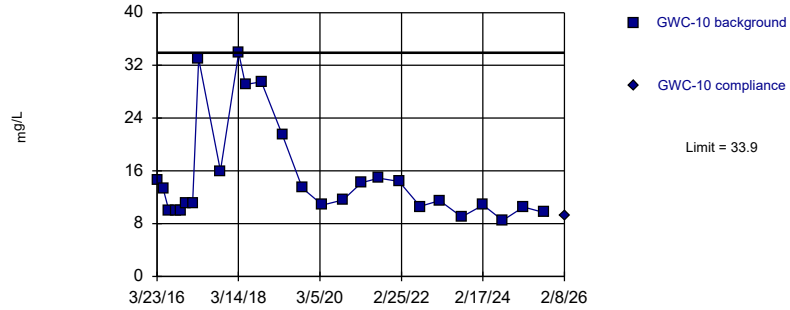
Within Limit

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 26 background values. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Sulfate Analysis Run 4/8/2026 12:48 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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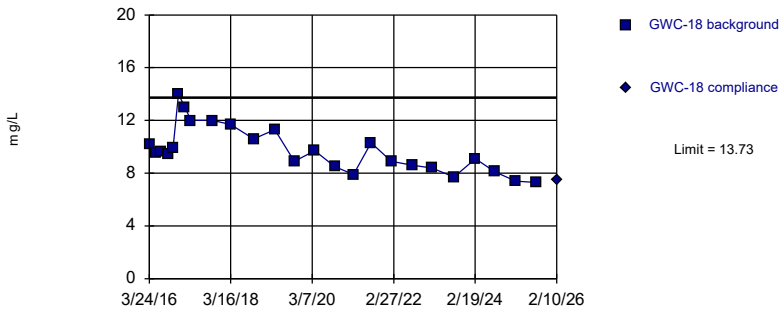
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=9.762, Std. Dev.=1.766, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9474, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 4/8/2026 12:48 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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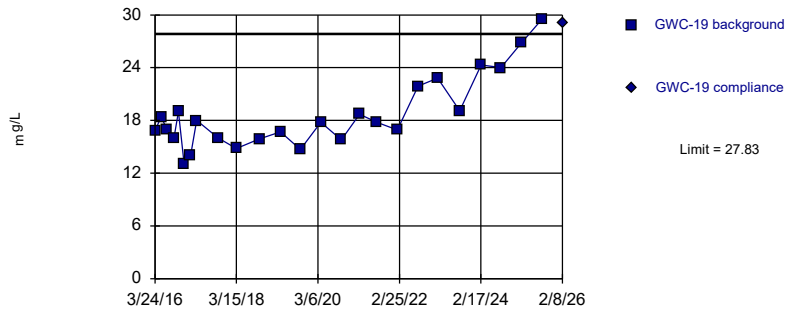
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=18.63, Std. Dev.=4.089, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8919, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 4/8/2026 12:48 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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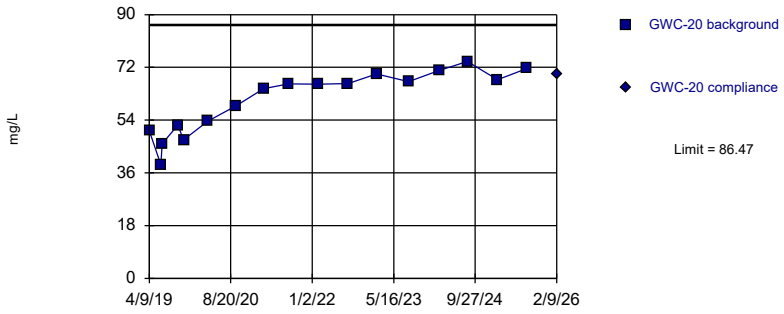
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=60.72, Std. Dev.=10.61, n=17. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9008, critical = 0.892. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 4/8/2026 12:48 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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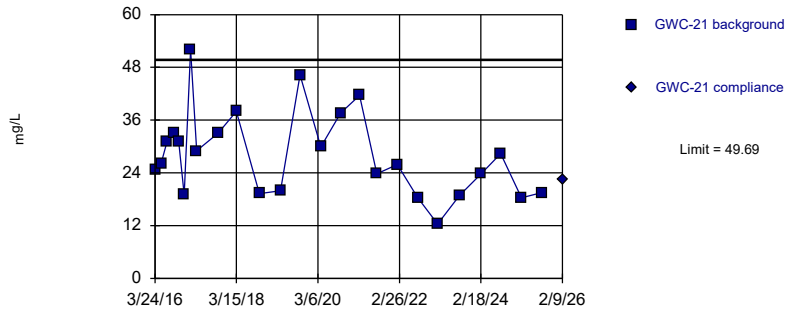
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=28.04, Std. Dev.=9.624, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9444, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 4/8/2026 12:48 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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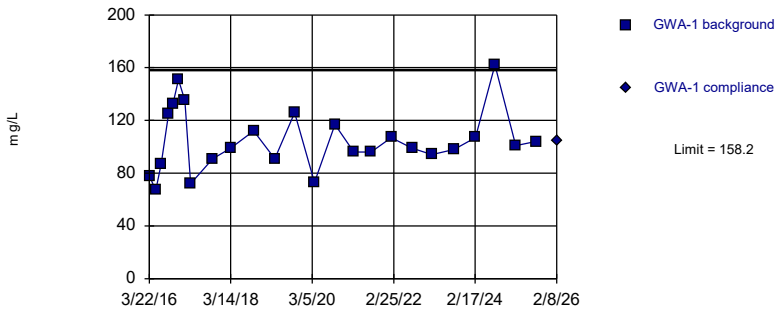
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=104.8, Std. Dev.=23.73, 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: TDS Analysis Run 4/8/2026 12:48 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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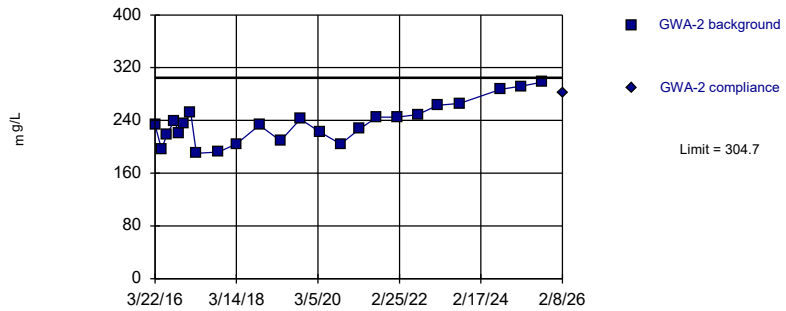
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=236, Std. Dev.=30.27, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9589, critical = 0.884. Kappa = 2.268 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: TDS Analysis Run 4/8/2026 12:48 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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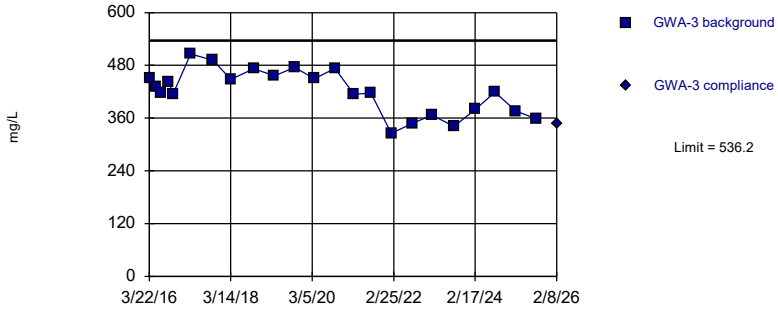
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=420.7, Std. Dev.=50.57, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9614, 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 4/8/2026 12:48 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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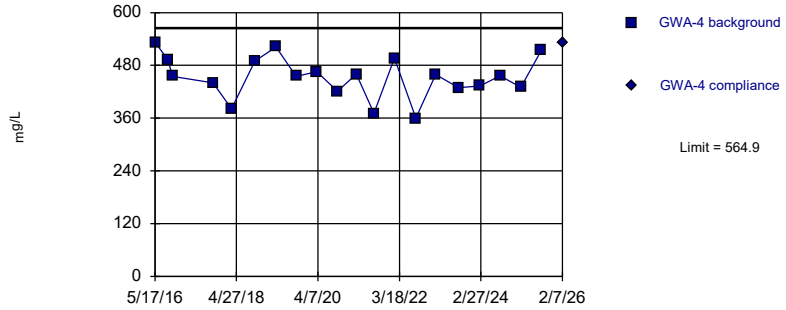
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=453.3, Std. Dev.=47.76, n=20. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9613, 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 4/8/2026 12:48 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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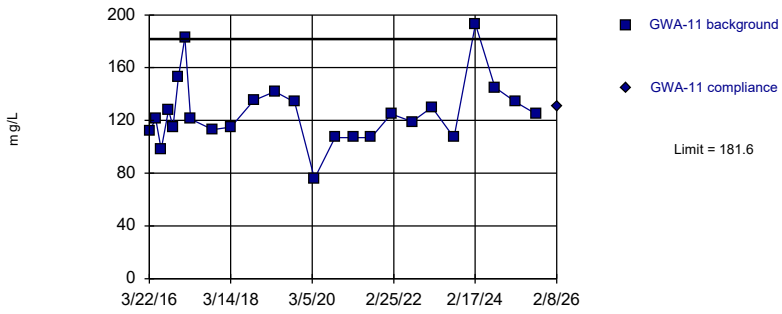
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=125.8, Std. Dev.=24.79, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9134, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: TDS Analysis Run 4/8/2026 12:48 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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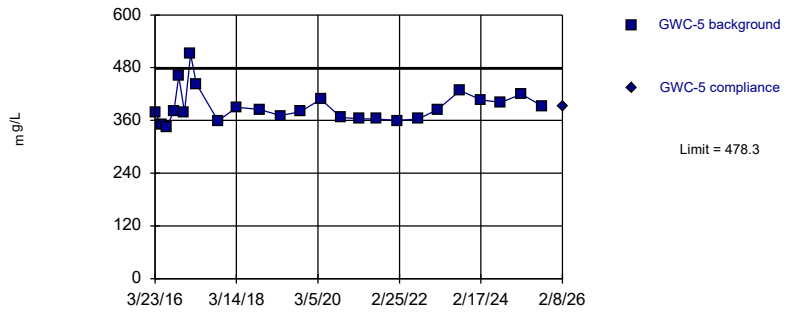
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on cube root transformation): Mean=7.31, Std. Dev.=0.2268, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8915, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: TDS Analysis Run 4/8/2026 12:48 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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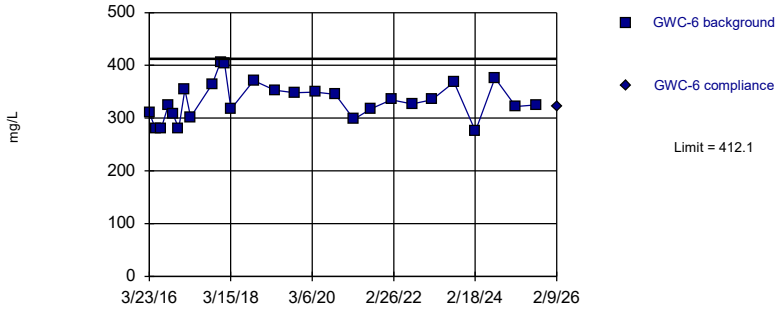
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=332.4, Std. Dev.=35.75, n=27. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9666, critical = 0.894. Kappa = 2.228 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: TDS Analysis Run 4/8/2026 12:48 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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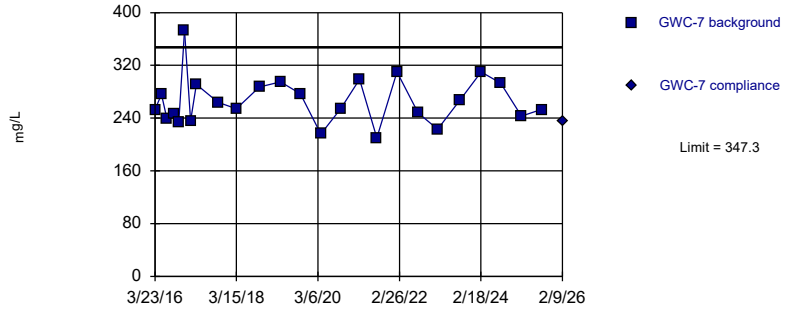
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=266, Std. Dev.=36.12, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9408, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: TDS Analysis Run 4/8/2026 12:48 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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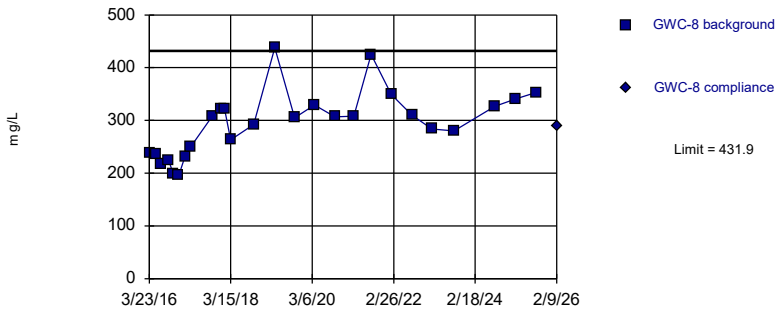
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=294.6, Std. Dev.=61.31, n=26. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9511, critical = 0.891. Kappa = 2.239 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: TDS Analysis Run 4/8/2026 12:48 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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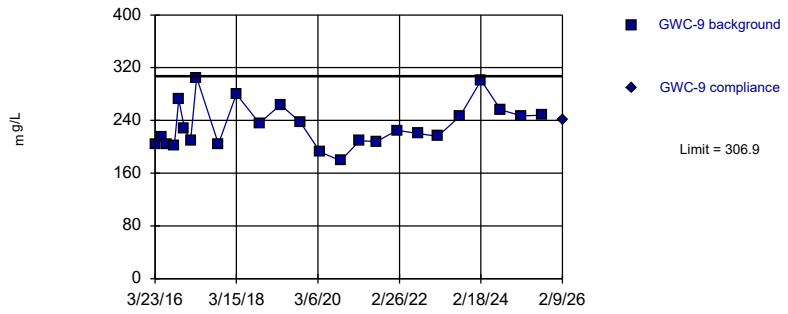
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=232.2, Std. Dev.=33.19, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9397, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: TDS Analysis Run 4/8/2026 12:48 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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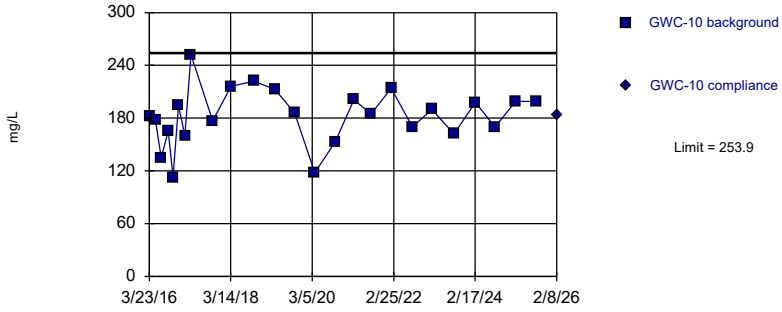
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=182.1, Std. Dev.=31.94, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9743, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: TDS Analysis Run 4/8/2026 12:48 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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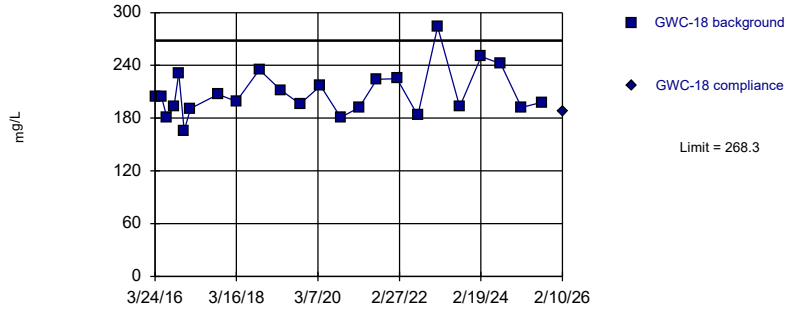
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=208.4, Std. Dev.=26.41, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9285, critical = 0.884. Kappa = 2.268 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: TDS Analysis Run 4/8/2026 12:48 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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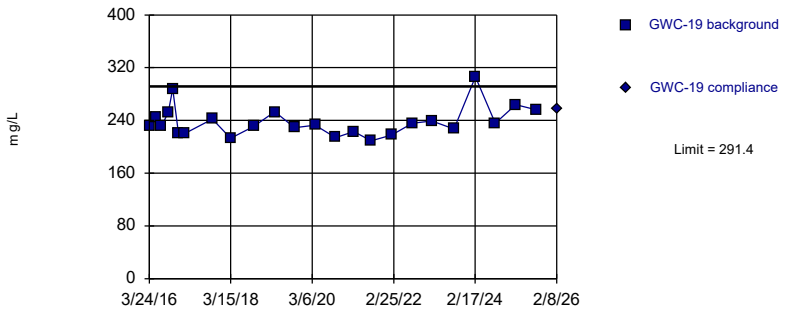
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=15.42, Std. Dev.=0.7284, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8967, critical = 0.884. Kappa = 2.268 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: TDS Analysis Run 4/8/2026 12:48 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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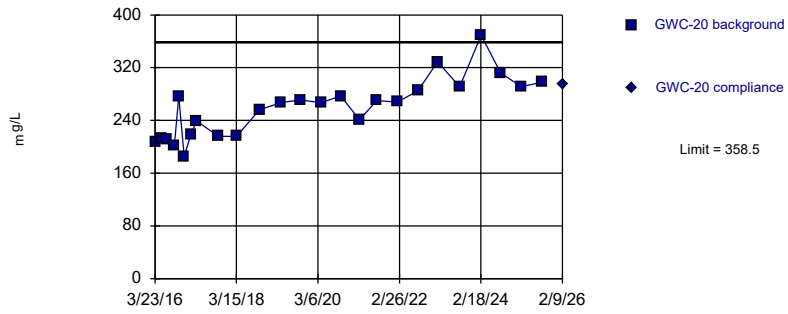
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=259.1, Std. Dev.=44.15, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9585, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: TDS Analysis Run 4/8/2026 12:48 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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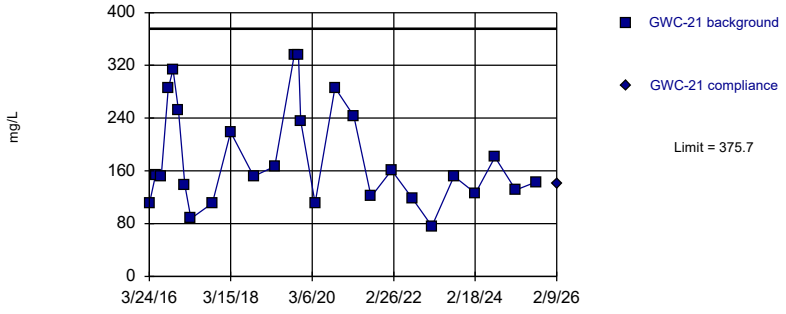
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=13.19, Std. Dev.=2.78, n=27. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9259, critical = 0.894. Kappa = 2.228 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: TDS Analysis Run 4/8/2026 12:48 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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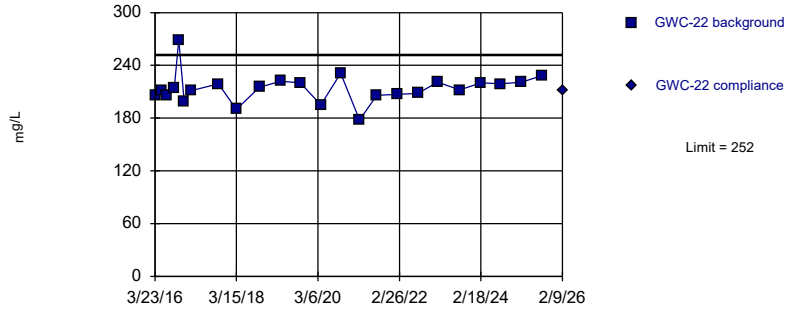
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=213.7, Std. Dev.=16.87, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8908, critical = 0.884. Kappa = 2.268 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: TDS Analysis Run 4/8/2026 12:48 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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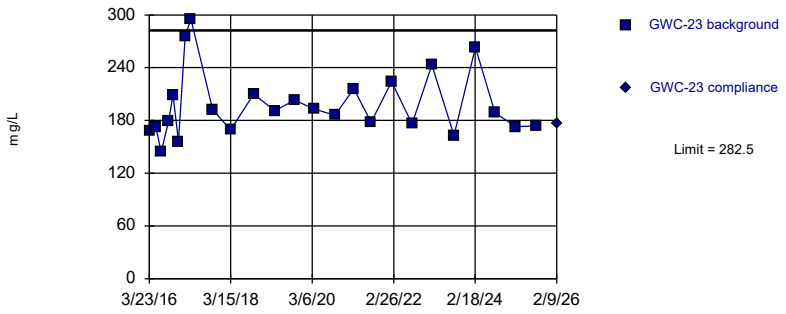
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=197.7, Std. Dev.=37.68, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8921, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: TDS Analysis Run 4/8/2026 12:48 PM View: Appendix III Intrawell

Plant Hammond Client: Southern Company Data: Huffaker Road LF

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/8/2026 12:51 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)	
8/9/2025	0.018 (J)	
2/8/2026		0.019 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/8/2026 12:51 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	
8/9/2025	0.083	
2/8/2026		0.088

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/8/2026 12:51 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	
8/9/2025	0.15	
2/8/2026		0.1

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/8/2026 12:51 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	
8/9/2025	0.089	
2/7/2026		0.081

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/8/2026 12:51 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)	
8/9/2025	0.037 (J)	
2/8/2026		0.036 (J)

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/8/2026 12:51 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	
8/10/2025	0.043	
2/9/2026		0.047

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/8/2026 12:51 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)	
8/9/2025	0.029 (J)	
2/9/2026		0.03 (J)

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/8/2026 12:51 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	
8/9/2025	0.058	
2/9/2026		0.042

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/8/2026 12:51 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)	
8/9/2025	0.016 (J)	
2/9/2026		0.017 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/8/2026 12:51 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	
8/10/2025	0.15	
2/10/2026		0.15

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/8/2026 12:51 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	
8/10/2025	0.16	
2/8/2026		0.16

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/8/2026 12:51 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)	
8/10/2025	0.018 (J)	
2/9/2026		0.018 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/8/2026 12:51 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	
8/9/2025	0.073	
2/9/2026		0.071

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/8/2026 12:51 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	
8/9/2025	13.8	
2/8/2026		15.2

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/8/2026 12:51 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	
8/9/2025	57.8	
2/8/2026		55.5

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/8/2026 12:51 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	
8/9/2025	58.3	
2/8/2026		67.4

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/8/2026 12:51 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	
8/9/2025	91.8	
2/7/2026		110

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/8/2026 12:51 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	
8/9/2025	17	
2/8/2026		21.1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/8/2026 12:51 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	
8/10/2025	73.7	
2/8/2026		85.5

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/8/2026 12:51 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	
8/10/2025	55.7	
2/9/2026		71

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/8/2026 12:51 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	
8/9/2025	14.3	
2/9/2026		18.2

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/8/2026 12:51 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	
8/9/2025	90.1	
2/9/2026		76.3

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/8/2026 12:51 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	
8/9/2025	37.9	
2/9/2026		40.7

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/8/2026 12:51 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	
8/9/2025	39.4	
2/8/2026		48.6

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/8/2026 12:51 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	
8/10/2025	38.3	
2/10/2026		38.5

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/8/2026 12:51 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	
8/10/2025	44.6	
2/8/2026		52.1

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/8/2026 12:51 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	
8/10/2025	60.9	
2/9/2026		72.1

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/8/2026 12:51 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	
8/9/2025	28.6	
2/9/2026		33.8

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/8/2026 12:51 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	
8/9/2025	43.9	
2/9/2026		46.5

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/8/2026 12:51 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	
8/10/2025	33.9	
2/9/2026		43.3

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/8/2026 12:51 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	
8/9/2025	1.2	
2/8/2026		1.2

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/8/2026 12:51 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	
8/9/2025	3	
2/8/2026		2.7

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/8/2026 12:51 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	
8/9/2025	1.3	
2/8/2026		1.1

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/8/2026 12:51 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	
8/9/2025	3.3	
2/7/2026		4.3

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/8/2026 12:51 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	
8/9/2025	1.3	
2/8/2026		1.4

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/8/2026 12:51 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	
8/10/2025	2.7	
2/8/2026		2.4

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/8/2026 12:51 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	
8/10/2025	1.8	
2/9/2026		1.7

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/8/2026 12:51 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	
8/9/2025	2.3	
2/9/2026		2.1

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/8/2026 12:51 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	
8/9/2025	3	
2/9/2026		2

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/8/2026 12:51 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	
8/9/2025	1	
2/9/2026		0.82 (J)

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/8/2026 12:51 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	
8/9/2025	1.4	
2/8/2026		1.4

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/8/2026 12:51 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)	
8/10/2025	1.1	
2/10/2026		0.88 (J)

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/8/2026 12:51 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	
8/10/2025	1.3	
2/8/2026		1.2

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/8/2026 12:51 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	
8/10/2025	1.4	
2/9/2026		1.5

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/8/2026 12:51 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 (o)	
12/3/2024	5.4	
2/11/2025	5.5	
8/9/2025	5.5	
2/9/2026		10.4

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/8/2026 12:51 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	
8/9/2025	1.2	
2/9/2026		1.1

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/8/2026 12:51 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	
8/10/2025	1.3	
2/9/2026		1.1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2026 12:51 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)	
8/9/2025	0.11	
2/8/2026		0.1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2026 12:51 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)	
8/9/2025	0.094 (J)	
2/8/2026		0.094 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2026 12:51 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)	
8/9/2025	0.11	
2/8/2026		0.11

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2026 12:51 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	
8/9/2025	0.12	
2/7/2026		0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2026 12:51 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)	
8/9/2025	0.081 (J)	
2/8/2026		0.079 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2026 12:51 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)	
8/10/2025	0.07 (J)	
2/8/2026		0.07 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2026 12:51 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)	
8/10/2025	0.054 (J)	
2/9/2026		0.05 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2026 12:51 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	
8/9/2025	0.13	
2/9/2026		0.087 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2026 12:51 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	
8/9/2025	0.15	
2/9/2026		0.11

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2026 12:51 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)	
8/9/2025	0.095 (J)	
2/9/2026		0.068 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2026 12:51 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)	
8/9/2025	0.096 (J)	
2/8/2026		0.097 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2026 12:51 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	
8/10/2025	0.1	
2/10/2026		0.095 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2026 12:51 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)	
8/10/2025	0.095 (J)	
2/8/2026		0.096 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2026 12:51 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)	
8/10/2025	0.056 (J)	
2/9/2026		0.087 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2026 12:51 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	
8/9/2025	0.059 (J)	
2/9/2026		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2026 12:51 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)	
8/9/2025	0.085 (J)	
2/9/2026		0.061 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2026 12:51 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	
8/10/2025	0.075 (J)	
2/9/2026		0.075 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/8/2026 12:51 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	
8/9/2025	7.14	
2/8/2026		7.28

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/8/2026 12:51 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	
8/9/2025	6.78	
2/8/2026		6.98

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/8/2026 12:51 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	
8/9/2025	6.66	
2/8/2026		6.87

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/8/2026 12:51 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	
8/9/2025	6.78	
2/7/2026		6.76

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/8/2026 12:51 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	
8/9/2025	6.86	
2/8/2026		6.97

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/8/2026 12:51 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	
8/10/2025	6.98	
2/8/2026		6.94

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/8/2026 12:51 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	
8/10/2025	7.17	
2/9/2026		7.34

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/8/2026 12:51 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	
8/9/2025	5.79	
2/9/2026		5.68

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/8/2026 12:51 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	
8/9/2025	7.01	
2/9/2026		7.4

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/8/2026 12:51 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	
8/9/2025	6.71	
2/9/2026		7.18

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/8/2026 12:51 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	
8/9/2025	7.5	
2/8/2026		7.59

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/8/2026 12:51 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	
8/10/2025	7.71	
2/10/2026		7.81

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/8/2026 12:51 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	
8/10/2025	7.59	
2/8/2026		7.6

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/8/2026 12:51 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	
8/10/2025	7.47	
2/9/2026		7.59

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/8/2026 12:51 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	
8/9/2025	6.14	
2/9/2026		6.55

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/8/2026 12:51 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	
8/9/2025	7.66	
2/9/2026		7.9

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/8/2026 12:51 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	
8/10/2025	7.17	
2/9/2026		7.25

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/8/2026 12:51 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	
8/9/2025	4.2	
2/8/2026		3.7

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/8/2026 12:51 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	
8/9/2025	38.7	
2/8/2026		34.6

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/8/2026 12:51 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	
8/9/2025	80.5	
2/8/2026		89

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/8/2026 12:51 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	
8/9/2025	141	
2/7/2026		177

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/8/2026 12:51 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	
8/9/2025	9.9	
2/8/2026		9.2

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/8/2026 12:51 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	
8/10/2025	90.9	
2/8/2026		90.8

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/8/2026 12:51 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	
8/10/2025	90.9	
2/9/2026		93.1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/8/2026 12:51 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	
8/9/2025	111	
2/9/2026		103

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/8/2026 12:51 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	
8/9/2025	33.3	
2/9/2026		35.6

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/8/2026 12:51 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	
8/9/2025	81	
2/9/2026		79.8

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/8/2026 12:51 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	
8/9/2025	9.7	
2/8/2026		9.3

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/8/2026 12:51 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	
8/10/2025	7.3	
2/10/2026		7.5

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/8/2026 12:51 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	
8/10/2025	29.5	
2/8/2026		29.1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/8/2026 12:51 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	
8/10/2025	71.6	
2/9/2026		69.6

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/8/2026 12:51 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	
8/9/2025	19.5	
2/9/2026		22.6

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/8/2026 12:51 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	
8/9/2025	104	
2/8/2026		105

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/8/2026 12:51 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 (o)	
8/10/2024	287	
2/11/2025	292	
8/9/2025	298	
2/8/2026		281

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/8/2026 12:51 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	
8/9/2025	359	
2/8/2026		348

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/8/2026 12:51 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	
8/9/2025	515	
2/7/2026		533

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/8/2026 12:51 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	
8/9/2025	125	
2/8/2026		131

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/8/2026 12:51 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	
8/10/2025	393	
2/8/2026		393

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/8/2026 12:51 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	
8/10/2025	325	
2/9/2026		323

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/8/2026 12:51 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	
8/9/2025	253	
2/9/2026		236

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/8/2026 12:51 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 (o)	
8/11/2024	327	
2/12/2025	341	
8/9/2025	353	
2/9/2026		289

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/8/2026 12:51 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	
8/9/2025	248	
2/9/2026		241

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/8/2026 12:51 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	
8/9/2025	199	
2/8/2026		183

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/8/2026 12:51 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	
8/10/2025	198	
2/10/2026		187

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/8/2026 12:51 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	
8/10/2025	256	
2/8/2026		257

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/8/2026 12:51 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	
8/10/2025	298	
2/9/2026		294

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/8/2026 12:51 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	
8/9/2025	143	
2/9/2026		140

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/8/2026 12:51 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 (o)	
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	
8/9/2025	228	
2/9/2026		212

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/8/2026 12:51 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	
8/10/2025	174	
2/9/2026		176

Appendix III Intrawell Prediction Limits - Deseasonalized - All Results (No Significant)

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 4/6/2026, 1:31 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Boron (mg/L)	GWC-5	0.07648	n/a	2/8/2026	0.05717	No	25	0	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-10	0.04127	n/a	2/8/2026	0.03662J	No	25	0	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-21	0.05359	n/a	2/9/2026	0.02863J	No	23	0	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-23	0.0837	n/a	2/9/2026	0.00838J	No	24	0	sqrt(x)	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-22	11.36	n/a	2/9/2026	6.389	No	25	0	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-23	16.89	n/a	2/9/2026	3.06	No	23	0	No	0.0006269	Param Intra 1 of 2

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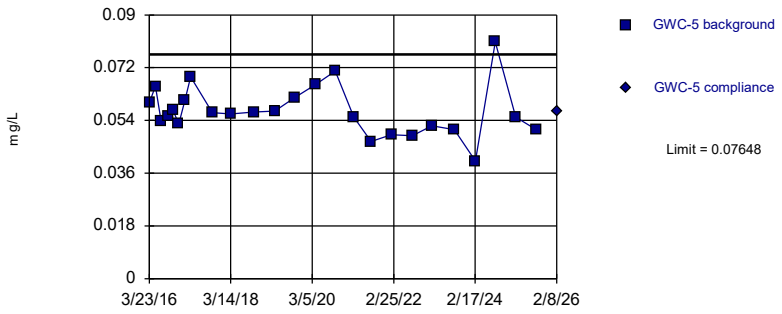
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.05722, Std. Dev.=0.008558, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9558, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Boron, Alt. Values Analysis Run 4/6/2026 1:27 PM View: Appendix III Intrawell - Deseasonali

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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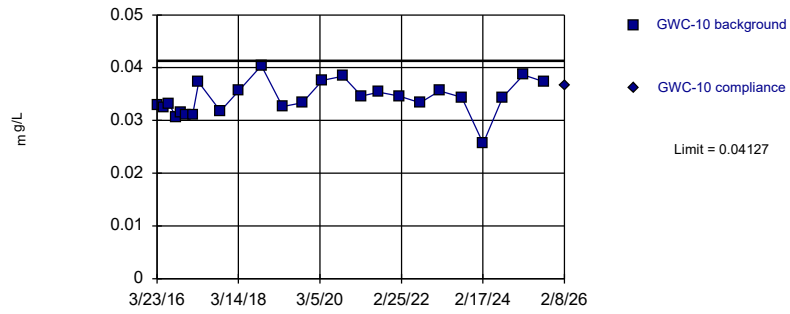
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.03416, Std. Dev.=0.00316, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9692, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Boron, Alt. Values Analysis Run 4/6/2026 1:28 PM View: Appendix III Intrawell - Deseasonali

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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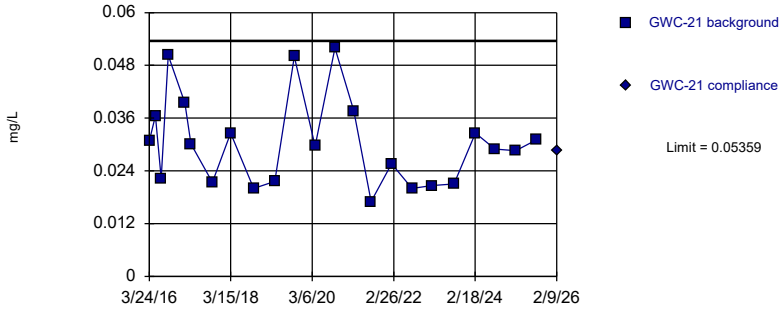
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.03043, Std. Dev.=0.01014, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8994, critical = 0.881. Kappa = 2.285 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Boron, Alt. Values Analysis Run 4/6/2026 1:28 PM View: Appendix III Intrawell - Deseasonali

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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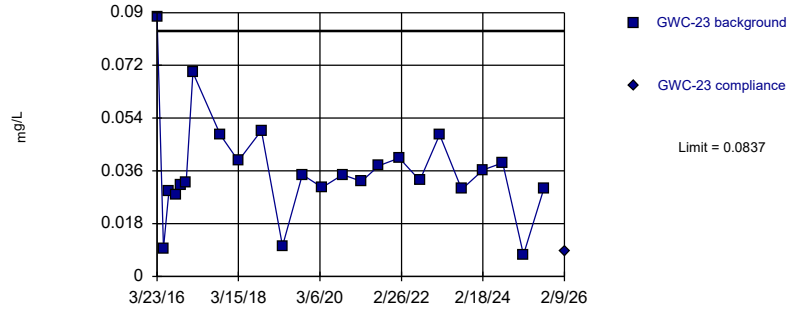
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.1848, Std. Dev.=0.04608, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9006, critical = 0.884. Kappa = 2.268 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

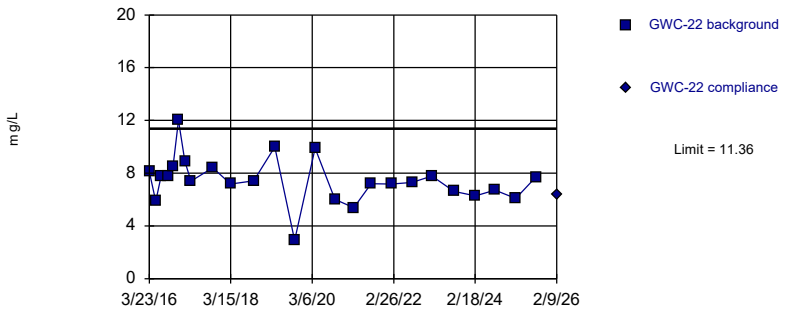
Constituent: Boron, Alt. Values Analysis Run 4/6/2026 1:29 PM View: Appendix III Intrawell - Deseasonali

Plant Hammond Client: Southern Company Data: Huffaker Road LF

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=7.46, Std. Dev.=1.735, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.95, critical = 0.888. Kappa = 2.25 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate, Alt. Values Analysis Run 4/6/2026 1:30 PM View: Appendix III Intrawell - Deseasona

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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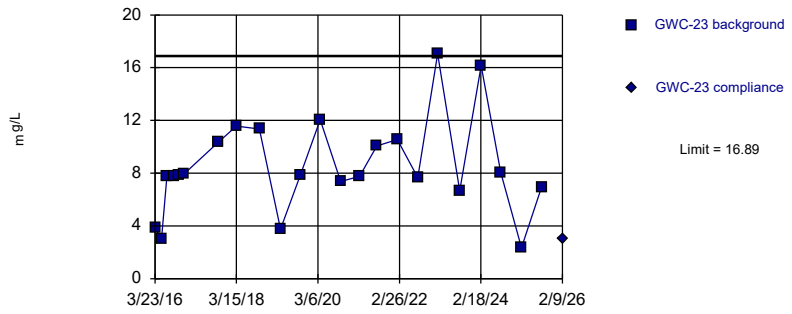
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=8.515, Std. Dev.=3.663, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9293, critical = 0.881. Kappa = 2.285 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate, Alt. Values Analysis Run 4/6/2026 1:30 PM View: Appendix III Intrawell - Deseasona

Plant Hammond Client: Southern Company Data: Huffaker Road LF

Prediction Limit

Constituent: Boron (mg/L), Alt. Values Analysis Run 4/6/2026 1:28 PM View: Appendix III Intrawell - Deseasonalized

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-5	GWC-5
3/23/2016	0.06007 (J)	
5/17/2016	0.06567 (J)	
7/6/2016	0.05363 (J)	
9/7/2016	0.05563 (J)	
10/18/2016	0.05743 (J)	
12/8/2016	0.05283	
2/1/2017	0.06077	
3/23/2017	0.06887	
10/4/2017	0.05663	
3/16/2018	0.05617	
10/4/2018	0.05683	
4/9/2019	0.05717	
10/1/2019	0.06183	
3/31/2020	0.06617 (J)	
9/25/2020	0.07083 (J)	
3/9/2021	0.05517	
8/10/2021	0.04683	
2/4/2022	0.04917	
8/9/2022	0.04883	
1/31/2023	0.05217	
8/15/2023	0.05083	
2/20/2024	0.04017 (J)	
8/12/2024	0.08083	
2/11/2025	0.05517	
8/10/2025	0.05083	
2/8/2026		0.05717

Prediction Limit

Constituent: Boron (mg/L), Alt. Values Analysis Run 4/6/2026 1:28 PM View: Appendix III Intrawell - Deseasonalized

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-10	GWC-10
3/23/2016	0.03302 (J)	
5/17/2016	0.03252 (J)	
7/6/2016	0.03318 (J)	
9/7/2016	0.03068 (J)	
10/18/2016	0.03158 (J)	
12/6/2016	0.03108 (J)	
2/2/2017	0.03102 (J)	
3/27/2017	0.03722 (J)	
10/5/2017	0.03178 (J)	
3/15/2018	0.03562 (J)	
10/4/2018	0.04038 (J)	
4/9/2019	0.03262 (J)	
10/1/2019	0.03338 (J)	
3/27/2020	0.03762 (J)	
9/25/2020	0.03838 (J)	
3/9/2021	0.03462 (J)	
8/10/2021	0.03538 (J)	
2/4/2022	0.03462 (J)	
8/9/2022	0.03338 (J)	
1/30/2023	0.03562 (J)	
8/14/2023	0.03438 (J)	
2/19/2024	0.02562 (J)	
8/11/2024	0.03438 (J)	
2/11/2025	0.03862	
8/9/2025	0.03738 (J)	
2/8/2026		0.03662 (J)

Prediction Limit

Constituent: Boron (mg/L), Alt. Values Analysis Run 4/6/2026 1:28 PM View: Appendix III Intrawell - Deseasonalized

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-21	GWC-21
3/24/2016	0.03083 (J)	
5/18/2016	0.03653 (J)	
7/7/2016	0.02229 (J)	
9/8/2016	0.05029 (J)	
10/19/2016	0.087 (Jo)	
12/7/2016	0.127 (o)	
2/2/2017	0.03943 (J)	
3/27/2017	0.03013 (J)	
10/5/2017	0.02139 (J)	
3/15/2018	0.03263 (J)	
10/4/2018	0.01999 (J)	
4/9/2019	0.02163 (J)	
10/1/2019	0.04999	
3/31/2020	0.02963 (J)	
9/24/2020	0.05199 (J)	
3/9/2021	0.03763 (J)	
8/10/2021	0.01699 (J)	
2/7/2022	0.02563 (J)	
8/9/2022	0.01999 (J)	
1/31/2023	0.02063 (J)	
8/15/2023	0.02099 (J)	
2/20/2024	0.03263 (J)	
8/11/2024	0.02899 (J)	
2/11/2025	0.02863 (J)	
8/9/2025	0.03099	
2/9/2026		0.02863 (J)

Prediction Limit

Constituent: Boron (mg/L), Alt. Values Analysis Run 4/6/2026 1:29 PM View: Appendix III Intrawell - Deseasonalized

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-23	GWC-23
3/23/2016	0.08838	
5/19/2016	0.00958 (J)	
7/7/2016	0.02903 (J)	
9/8/2016	0.02773 (J)	
10/19/2016	0.03103 (J)	
12/7/2016	0.03223 (J)	
2/3/2017	0.06958	
3/27/2017	0.125 (o)	
10/5/2017	0.04823 (J)	
3/15/2018	0.03938	
10/5/2018	0.04973 (J)	
4/8/2019	0.01038 (J)	
10/1/2019	0.03473 (J)	
3/26/2020	0.03038 (J)	
9/23/2020	0.03473 (J)	
3/9/2021	0.03238	
8/10/2021	0.03773 (J)	
2/7/2022	0.04038	
8/8/2022	0.03273 (J)	
1/31/2023	0.04838	
8/14/2023	0.02973 (J)	
2/20/2024	0.03638	
8/12/2024	0.03873 (J)	
2/12/2025	0.00738 (J)	
8/10/2025	0.02973 (J)	
2/9/2026		0.00838 (J)

Prediction Limit

Constituent: Sulfate (mg/L), Alt. Values Analysis Run 4/6/2026 1:30 PM View: Appendix III Intrawell - Deseasonalized

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-22	GWC-22
3/23/2016	8.107	
5/18/2016	5.869	
7/7/2016	7.811	
9/8/2016	7.811	
10/19/2016	8.511	
12/7/2016	12.01	
2/2/2017	8.889	
3/27/2017	7.389	
10/5/2017	8.411	
3/15/2018	7.189	
10/4/2018	7.411	
4/9/2019	9.989	
10/1/2019	2.911	
3/31/2020	9.889	
9/23/2020	6.011	
3/9/2021	5.389	
8/10/2021	7.211	
2/7/2022	7.189	
8/9/2022	7.311	
1/31/2023	7.789	
8/15/2023	6.611	
2/20/2024	6.289	
8/11/2024	6.711	
2/11/2025	6.089	
8/9/2025	7.711	
2/9/2026		6.389

Prediction Limit

Constituent: Sulfate (mg/L), Alt. Values Analysis Run 4/6/2026 1:30 PM View: Appendix III Intrawell - Deseasonalized

Plant Hammond Client: Southern Company Data: Huffaker Road LF

	GWC-23	GWC-23
3/23/2016	3.847	
5/19/2016	2.98	
7/7/2016	7.765	
9/8/2016	7.765	
10/19/2016	7.865	
12/7/2016	7.965	
2/3/2017	38 (o)	
3/27/2017	43 (o)	
10/5/2017	10.36	
3/15/2018	11.56	
10/5/2018	11.36	
4/8/2019	3.76	
10/1/2019	7.865	
3/26/2020	12.06	
9/23/2020	7.365	
3/9/2021	7.76	
8/10/2021	10.06	
2/7/2022	10.56	
8/8/2022	7.665	
1/31/2023	17.06	
8/14/2023	6.665	
2/20/2024	16.16	
8/12/2024	8.065	
2/12/2025	2.36	
8/10/2025	6.965	
2/9/2026		3.06

FIGURE H.

Appendix III Interwell Prediction Limits - Two-Step - Significant Results

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 4/6/2026, 2:12 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Chloride (mg/L)	**GWC-21**	**8.5**	**n/a**	**2/9/2026**	**10.4**	**Yes**	**130**	**0**	**n/a**	**0.0001169**	**NP Inter (normality) 1 of 2**
pH, Field (SU)	**GWC-18**	**7.229**	**6.475**	**2/10/2026**	**7.81**	**Yes**	**130**	**0**	**No**	**0.0003135**	**Param Inter 1 of 2**

Appendix III Interwell Prediction Limits - Two-Step - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 4/6/2026, 2:12 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Calcium (mg/L)	GWC-19	123	n/a	2/8/2026	52.1	No	130	1.538	n/a	0.0001169	NP Inter (normality) 1 of 2
Chloride (mg/L)	**GWC-21**	**8.5**	**n/a**	**2/9/2026**	**10.4**	**Yes**	**130**	**0**	**n/a**	**0.0001169**	**NP Inter (normality) 1 of 2**
pH, Field (SU)	**GWC-18**	**7.229**	**6.475**	**2/10/2026**	**7.81**	**Yes**	**130**	**0**	**No**	**0.0003135**	**Param Inter 1 of 2**
Sulfate (mg/L)	GWC-19	302.3	n/a	2/8/2026	29.1	No	128	0	n/a	0.0001204	NP Inter (normality) 1 of 2

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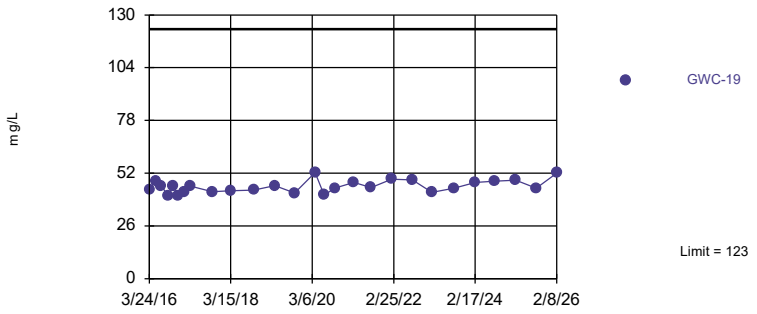
Within Limit

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 130 background values. 1.538% NDs. Annual per-constituent alpha = 0.002802. Individual comparison alpha = 0.0001169 (1 of 2). Assumes 11 future values.

Constituent: Calcium Analysis Run 4/6/2026 2:10 PM View: Appendix III Interwell Two-Step

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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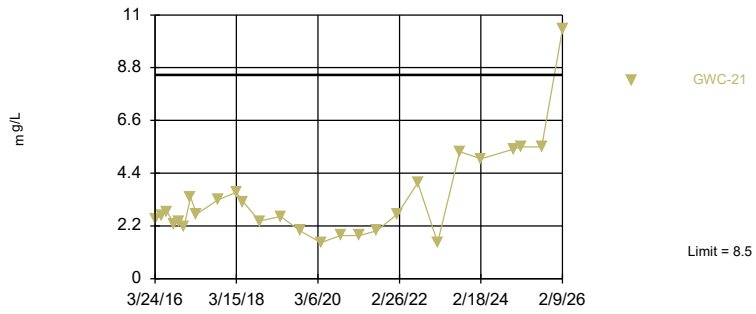
Exceeds Limit: GWC-21

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 130 background values. Annual per-constituent alpha = 0.002802. Individual comparison alpha = 0.0001169 (1 of 2). Assumes 11 future values.

Constituent: Chloride Analysis Run 4/6/2026 2:10 PM View: Appendix III Interwell Two-Step

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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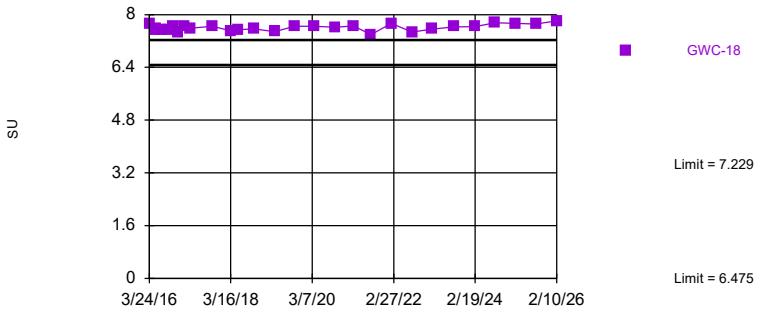
Exceeds Limits: GWC-18

Prediction Limit

Interwell Parametric



Background Data Summary: Mean=6.852, Std. Dev.=0.1887, n=130. Normality test: Chi Squared @alpha = 0.01, calculated = 6.769, critical = 14.07. Kappa = 1.998 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.0003135. Assumes 11 future values.

Constituent: pH, Field Analysis Run 4/6/2026 2:10 PM View: Appendix III Interwell Two-Step

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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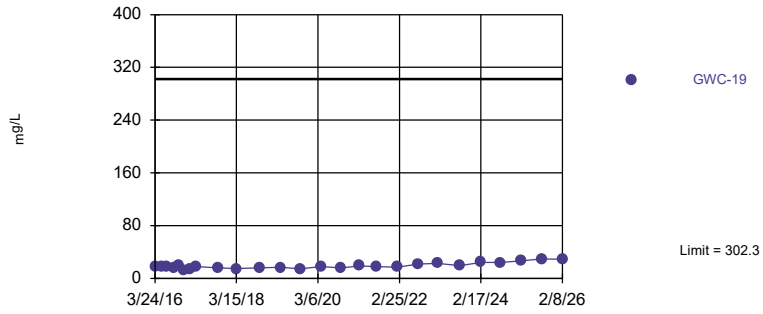
Within Limit

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 128 background values. Annual per-constituent alpha = 0.002886. Individual comparison alpha = 0.0001204 (1 of 2). Assumes 11 future values.

Constituent: Sulfate Analysis Run 4/6/2026 2:10 PM View: Appendix III Interwell Two-Step

Plant Hammond Client: Southern Company Data: Huffaker Road LF

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/6/2026 2:12 PM View: Appendix III Interwell Two-Step

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	13.9	23.8	79.3	47.4	123	
3/24/2016						43.9
5/17/2016	15.6	21.5	75.8	45.5	99.2	
5/18/2016						48.2
7/5/2016	15.7		65.3	40.5		
7/6/2016		20.6			109	45.8
9/7/2016	18.2	16.7	59.8	37.3	67.2	
9/8/2016						40.9
10/18/2016	17.7	20.3	72.4	46.6	77.9	45.5
12/6/2016	16.9	19.7	78.6		93.3	
12/7/2016				43.5		40.6
1/31/2017	17.9			39.2		
2/1/2017		18.1	85		92.8	
2/2/2017						42.4
3/23/2017	13.9		81.2	38.7		
3/24/2017		21.1			96.3	
3/27/2017						45.5
10/4/2017	15.9		78.8	36.5	75.1	
10/5/2017		20.1				42.9
3/14/2018	<25			39.5		
3/15/2018		<25	83.5		69.9	43.3
10/4/2018	15.9 (J)	21.3 (J)	75.2	41.7	77.8	43.7
4/5/2019			76.5			
4/8/2019	15.7	22.4		44.1	86.6	
4/9/2019						45.8
9/30/2019	17.6	19.6	74.7	44.6	78.3	
10/1/2019						42.3
3/26/2020	14	22.4	78.7	43.2	87.4	
3/31/2020						52.3
6/19/2020						41.3 (M1)
9/21/2020				45.8		
9/22/2020		19.5				
9/23/2020	17.6		76.2		74.9	
9/28/2020						44.7
3/8/2021	16.2	22	73.5		87.2	
3/9/2021				48.7		
3/10/2021						47.4
8/9/2021	20.2		73.2	49.9	69.7	
8/10/2021		20.8				44.9
2/4/2022	18.3	23.7	59	57.6	97.3	
2/7/2022						49
8/8/2022	17.2	21.1	61	51.2	68.9	
8/9/2022						48.7
1/30/2023	15.8	20.4	53.1	46.8	73.6	
1/31/2023						42.5
8/14/2023	17.2	21.8	57.2	53.1	73.5	
8/15/2023						44.6
2/19/2024	17.9	21.4	59	54	81.3	
2/20/2024						47.5
8/10/2024				59.2		
8/11/2024	19.3	20.8	69.4		83	
8/12/2024						48.1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/6/2026 2:12 PM View: Appendix III Interwell Two-Step

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
2/11/2025	14.1	21	65.7	57.2	76	48.6
8/9/2025	13.8	17	58.3	57.8	91.8	
8/10/2025						44.6
2/7/2026					110	
2/8/2026	15.2	21.1	67.4	55.5		52.1

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/6/2026 2:12 PM View: Appendix III Interwell Two-Step

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 (o)

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/6/2026 2:12 PM View: Appendix III Interwell Two-Step

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
8/9/2025	1.2	1.3	1.3	3	3.3	5.5
2/7/2026					4.3	
2/8/2026	1.2	1.4	1.1	2.7		
2/9/2026						10.4

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/6/2026 2:12 PM View: Appendix III Interwell Two-Step

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-18
3/22/2016	7.07	7	7.11	7.19	7.14	
3/24/2016						7.71
5/17/2016	7	6.77	6.95	6.94	6.67	
5/18/2016						7.59
5/19/2016						7.53
7/5/2016	6.88		6.55	6.98		
7/6/2016		6.64			6.53	
7/7/2016						7.55
9/7/2016	7.24	6.83	6.81	6.86	6.72	
9/8/2016						7.54
10/18/2016	6.86	6.58	6.64	6.71	6.73	
10/19/2016						7.66
12/6/2016	6.98	6.66	6.34		6.61	
12/7/2016				6.71		
12/8/2016						7.47
1/31/2017	6.63			6.95		
2/1/2017		6.5	6.68		6.7	
2/2/2017						7.64
3/23/2017	7.12		6.8	7.04		
3/24/2017		6.72			6.77	
3/27/2017						7.59
10/4/2017	6.83		6.64	6.86	6.52	
10/5/2017		6.69				7.65
3/14/2018	6.66			6.76		
3/15/2018		6.48	6.88		7.11	
3/16/2018						7.51
5/16/2018						7.54
10/4/2018	6.92	6.66	6.62	6.62	6.72	
10/5/2018						7.57
4/5/2019			6.77			
4/8/2019	6.86	6.61		6.79	6.82	
4/9/2019						7.48
9/30/2019	7.15	6.86	6.73	6.86	6.77	
10/1/2019						7.65
3/26/2020	7.02	6.83	6.87	7.07	6.74	
3/30/2020						7.65
9/22/2020		6.8		6.9		
9/23/2020	6.98		6.87		6.81	
9/24/2020						7.62
3/8/2021	6.86	6.78	6.95		6.84	
3/9/2021				6.93		7.66
8/9/2021	7.23		6.89	6.9	6.76	
8/10/2021		6.84				7.39
2/4/2022	7.18	6.92	6.75	6.98	7.11	7.73
8/8/2022	7.28	6.55	6.59	7.03	6.73	
8/9/2022						7.47
1/30/2023	7.22	7	6.82	7.05	6.94	
1/31/2023						7.56
8/14/2023	7.22	6.99	6.54	6.91	6.74	
8/15/2023						7.63
2/19/2024	7.11	6.94	6.74	6.84	6.95	
2/20/2024						7.64

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/6/2026 2:12 PM View: Appendix III Interwell Two-Step

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-18
8/10/2024				6.76		
8/11/2024	7.27	7.01	6.83		6.77	
8/12/2024						7.75
2/11/2025	6.89	6.84	6.76	6.76	6.98	
2/12/2025						7.73
8/9/2025	7.14	6.86	6.66	6.78	6.78	
8/10/2025						7.71
2/7/2026					6.76	
2/8/2026	7.28	6.97	6.87	6.98		
2/10/2026						7.81

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/6/2026 2:12 PM View: Appendix III Interwell Two-Step

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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/6/2026 2:12 PM View: Appendix III Interwell Two-Step

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
8/9/2025	4.2	9.9	80.5	38.7	141	
8/10/2025						29.5
2/7/2026					177	
2/8/2026	3.7	9.2	89	34.6		29.1

FIGURE I.

Appendix III Trend Tests - Prediction Limit Exceedances - Significant Results

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 4/6/2026, 2:15 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Calcium (mg/L)	**GWA-2 (bg)**	**1.825**	**191**	**118**	**Yes**	**26**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWA-3 (bg)**	**-1.493**	**-140**	**-118**	**Yes**	**26**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWA-3 (bg)**	**-0.3414**	**-218**	**-118**	**Yes**	**26**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWA-4 (bg)**	**-0.4317**	**-136**	**-118**	**Yes**	**26**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	**GWA-11 (bg)**	**0.02888**	**122**	**118**	**Yes**	**26**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWA-2 (bg)**	**1.601**	**234**	**118**	**Yes**	**26**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWA-3 (bg)**	**-3.443**	**-119**	**-105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWA-11 (bg)**	**-0.345**	**-180**	**-118**	**Yes**	**26**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWC-19**	**1.063**	**165**	**118**	**Yes**	**26**	**0**	**n/a**	**n/a**	**0.01**	**NP**

Appendix III Trend Tests - Prediction Limit Exceedances - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 4/6/2026, 2:15 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Calcium (mg/L)	GWA-1 (bg)	0.03321	25	118	No	26	3.846	n/a	n/a	0.01	NP
Calcium (mg/L)	**GWA-2 (bg)**	**1.825**	**191**	**118**	**Yes**	**26**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWA-3 (bg)**	**-1.493**	**-140**	**-118**	**Yes**	**26**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	GWA-4 (bg)	-0.9709	-49	-118	No	26	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-11 (bg)	0.0414	16	118	No	26	3.846	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-19	0.4609	98	124	No	27	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-1 (bg)	0	15	118	No	26	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-2 (bg)	0.02522	71	118	No	26	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**GWA-3 (bg)**	**-0.3414**	**-218**	**-118**	**Yes**	**26**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWA-4 (bg)**	**-0.4317**	**-136**	**-118**	**Yes**	**26**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	GWA-11 (bg)	-0.01719	-81	-118	No	26	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-21	0.293	95	124	No	27	0	n/a	n/a	0.01	NP
pH, Field (SU)	GWA-1 (bg)	0.0269	105	118	No	26	0	n/a	n/a	0.01	NP
pH, Field (SU)	GWA-2 (bg)	-0.001577	-12	-118	No	26	0	n/a	n/a	0.01	NP
pH, Field (SU)	GWA-3 (bg)	0	0	118	No	26	0	n/a	n/a	0.01	NP
pH, Field (SU)	GWA-4 (bg)	0.01356	101	118	No	26	0	n/a	n/a	0.01	NP
pH, Field (SU)	**GWA-11 (bg)**	**0.02888**	**122**	**118**	**Yes**	**26**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	GWC-18	0.01361	100	131	No	28	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-1 (bg)	-0.07513	-88	-118	No	26	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	**GWA-2 (bg)**	**1.601**	**234**	**118**	**Yes**	**26**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWA-3 (bg)**	**-3.443**	**-119**	**-105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	GWA-4 (bg)	-6.033	-105	-118	No	26	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	**GWA-11 (bg)**	**-0.345**	**-180**	**-118**	**Yes**	**26**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWC-19**	**1.063**	**165**	**118**	**Yes**	**26**	**0**	**n/a**	**n/a**	**0.01**	**NP**

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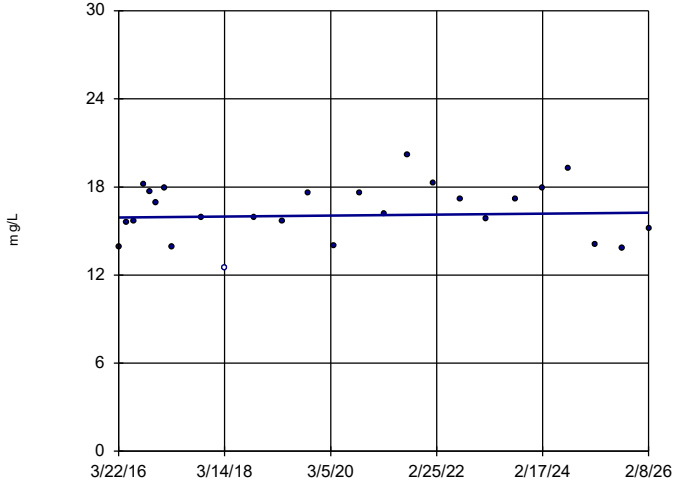
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-1 (bg)



n = 26

Slope = 0.03321 units per year.

Mann-Kendall statistic = 25 critical = 118

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 4/6/2026 2:13 PM View: Appendix III Trend Tests

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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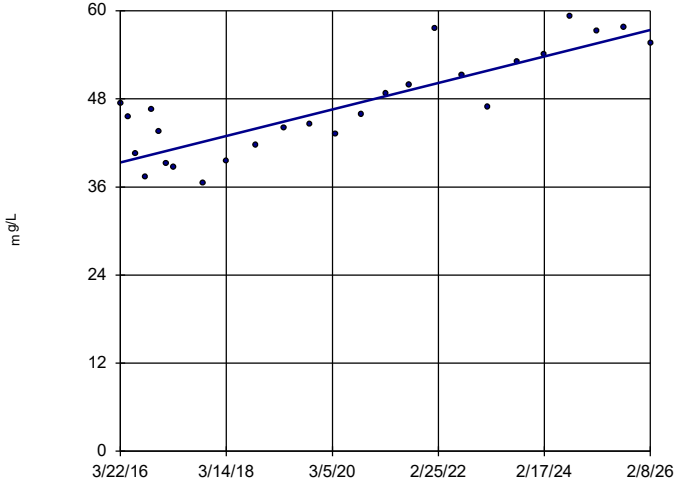
Sen's Slope Estimator

GWA-2 (bg)



n = 26

Slope = 1.825 units per year.

Mann-Kendall statistic = 191 critical = 118

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 4/6/2026 2:13 PM View: Appendix III Trend Tests

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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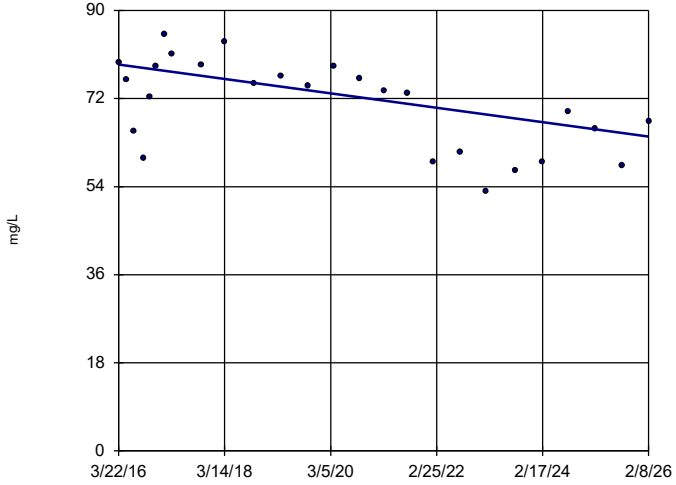
Sen's Slope Estimator

GWA-3 (bg)



n = 26

Slope = -1.493 units per year.

Mann-Kendall statistic = -140 critical = -118

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 4/6/2026 2:13 PM View: Appendix III Trend Tests

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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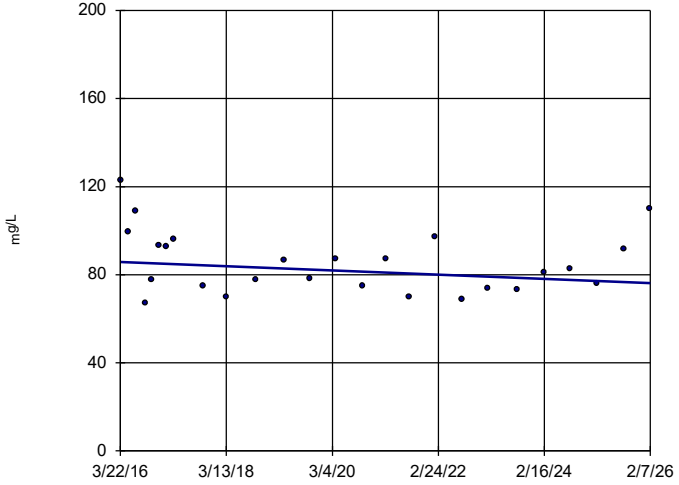
Sen's Slope Estimator

GWA-4 (bg)



n = 26

Slope = -0.9709 units per year.

Mann-Kendall statistic = -49 critical = -118

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 4/6/2026 2:13 PM View: Appendix III Trend Tests

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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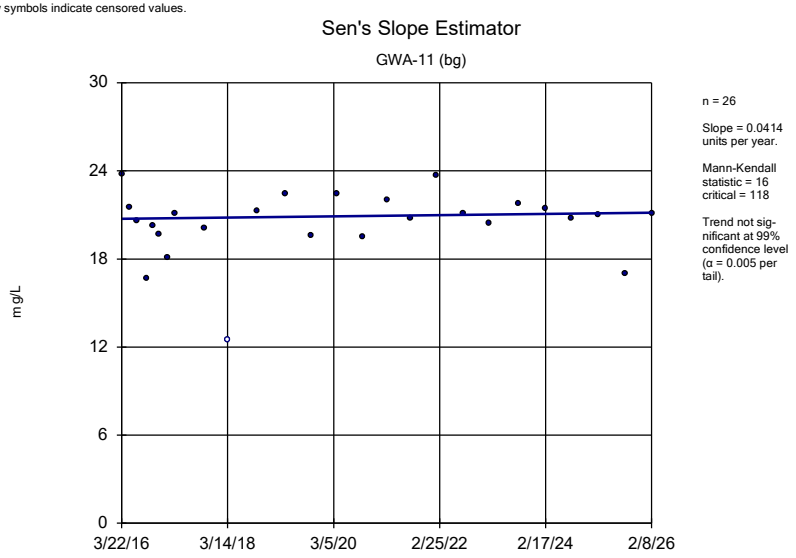
Hollow symbols indicate censored values.



Constituent: Calcium Analysis Run 4/6/2026 2:13 PM View: Appendix III Trend Tests

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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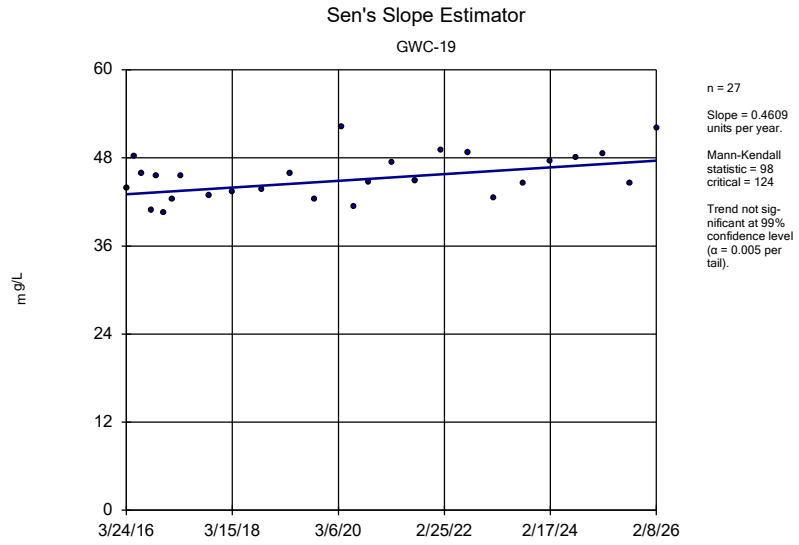

Constituent: Calcium Analysis Run 4/6/2026 2:13 PM View: Appendix III Trend Tests

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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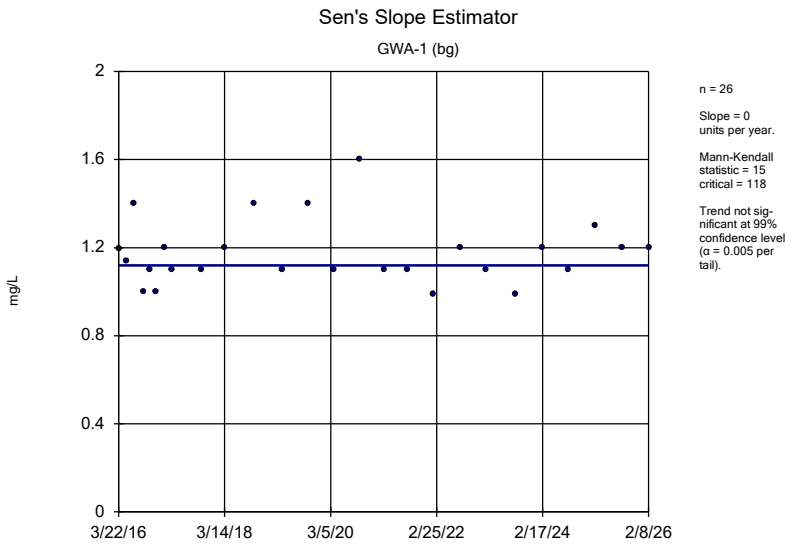

Constituent: Chloride Analysis Run 4/6/2026 2:13 PM View: Appendix III Trend Tests

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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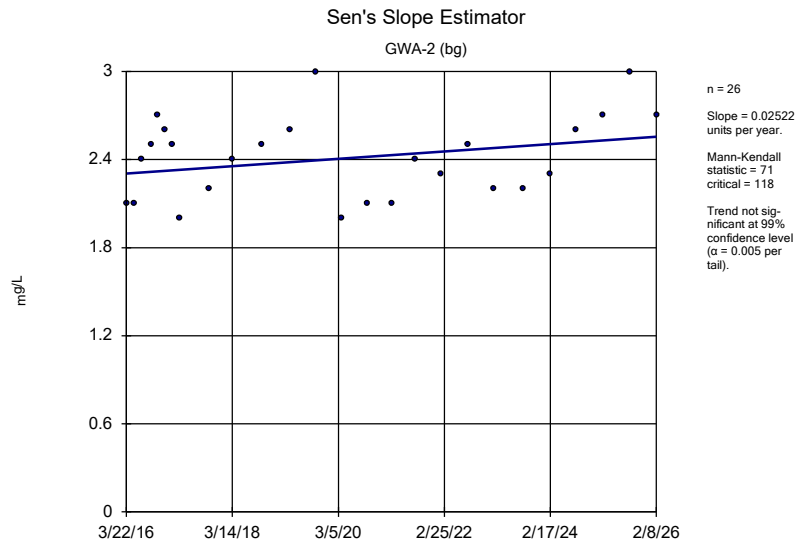

Constituent: Chloride Analysis Run 4/6/2026 2:13 PM View: Appendix III Trend Tests

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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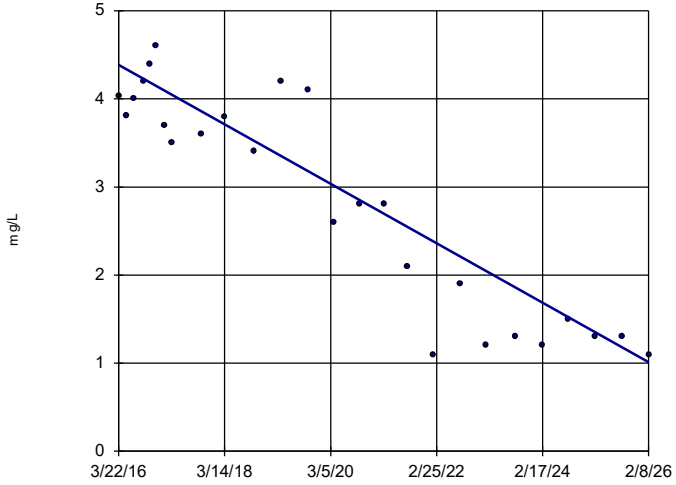
Sen's Slope Estimator

GWA-3 (bg)



n = 26

Slope = -0.3414 units per year.

Mann-Kendall statistic = -218 critical = -118

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 4/6/2026 2:13 PM View: Appendix III Trend Tests

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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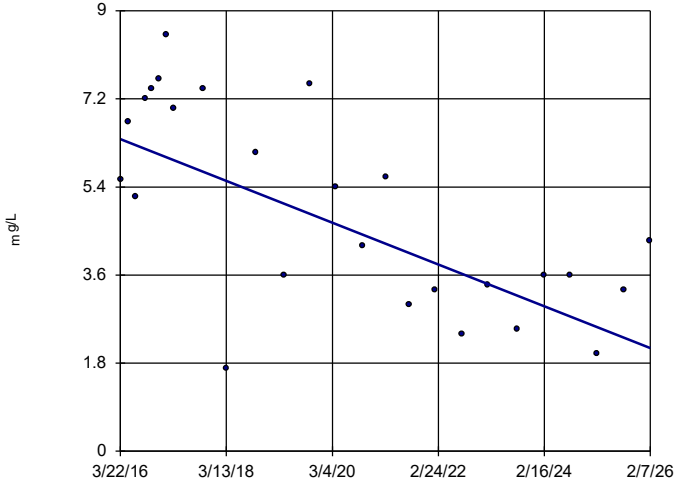
Sen's Slope Estimator

GWA-4 (bg)



n = 26

Slope = -0.4317 units per year.

Mann-Kendall statistic = -136 critical = -118

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 4/6/2026 2:13 PM View: Appendix III Trend Tests

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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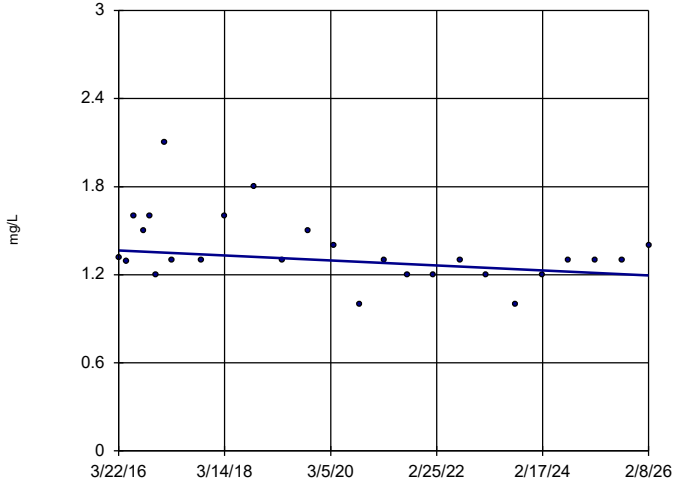
Sen's Slope Estimator

GWA-11 (bg)



n = 26

Slope = -0.01719 units per year.

Mann-Kendall statistic = -81 critical = -118

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 4/6/2026 2:13 PM View: Appendix III Trend Tests

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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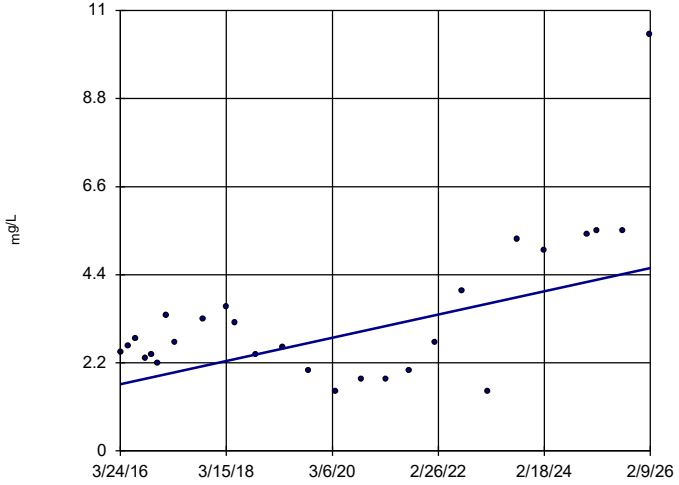
Sen's Slope Estimator

GWC-21



n = 27

Slope = 0.293 units per year.

Mann-Kendall statistic = 95 critical = 124

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 4/6/2026 2:13 PM View: Appendix III Trend Tests

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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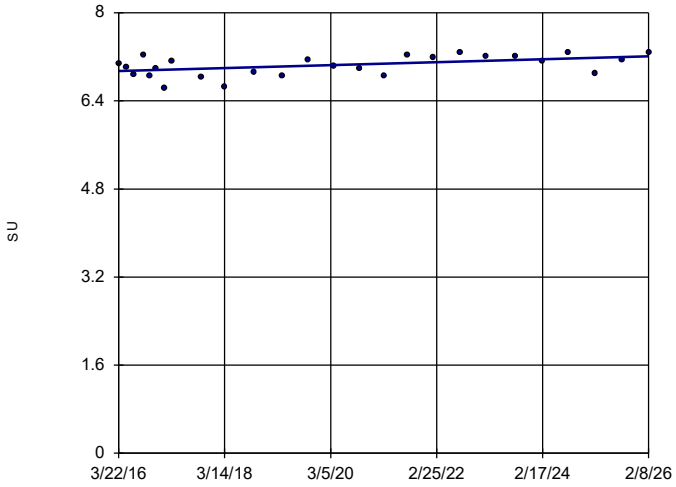
Sen's Slope Estimator

GWA-1 (bg)



n = 26

Slope = 0.0269 units per year.

Mann-Kendall statistic = 105 critical = 118

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH, Field Analysis Run 4/6/2026 2:13 PM View: Appendix III Trend Tests

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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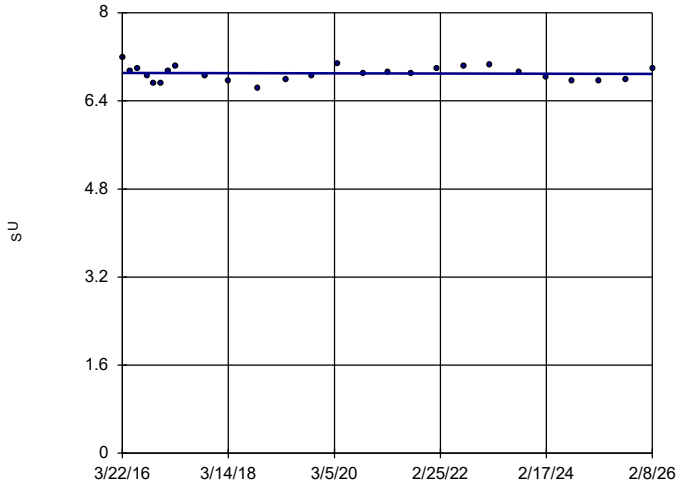
Sen's Slope Estimator

GWA-2 (bg)



n = 26

Slope = -0.001577 units per year.

Mann-Kendall statistic = -12 critical = -118

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH, Field Analysis Run 4/6/2026 2:13 PM View: Appendix III Trend Tests

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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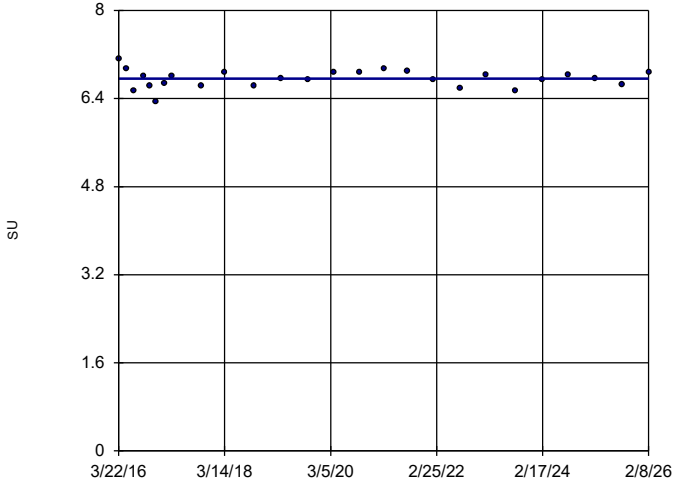
Sen's Slope Estimator

GWA-3 (bg)



n = 26

Slope = 0 units per year.

Mann-Kendall statistic = 0 critical = 118

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH, Field Analysis Run 4/6/2026 2:13 PM View: Appendix III Trend Tests

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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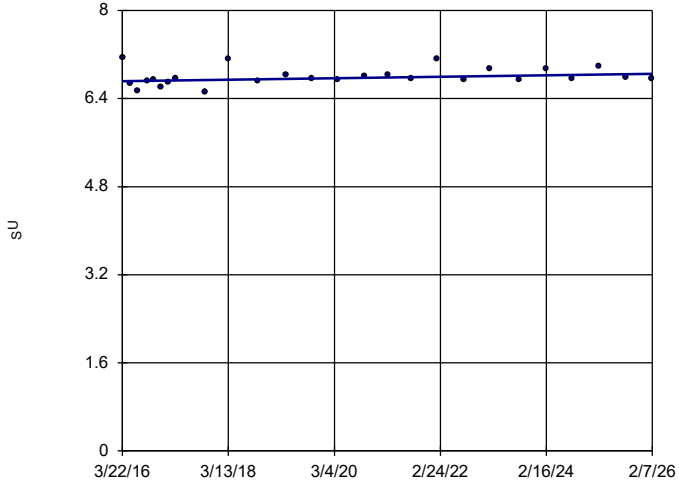
Sen's Slope Estimator

GWA-4 (bg)



n = 26

Slope = 0.01356 units per year.

Mann-Kendall statistic = 101 critical = 118

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH, Field Analysis Run 4/6/2026 2:13 PM View: Appendix III Trend Tests

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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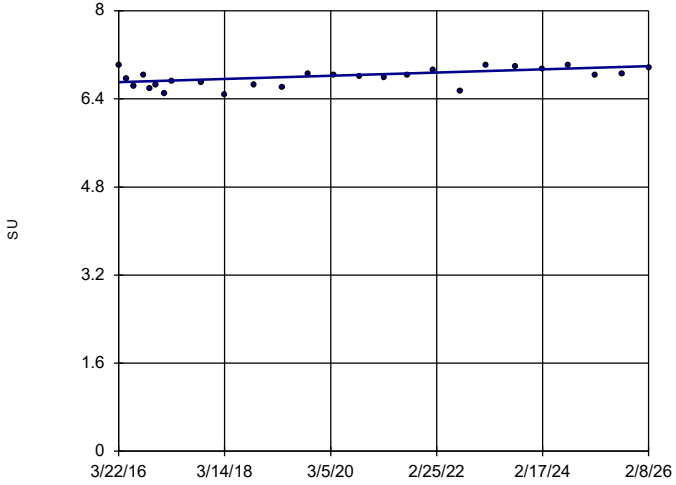
Sen's Slope Estimator

GWA-11 (bg)



n = 26

Slope = 0.02888 units per year.

Mann-Kendall statistic = 122 critical = 118

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH, Field Analysis Run 4/6/2026 2:13 PM View: Appendix III Trend Tests

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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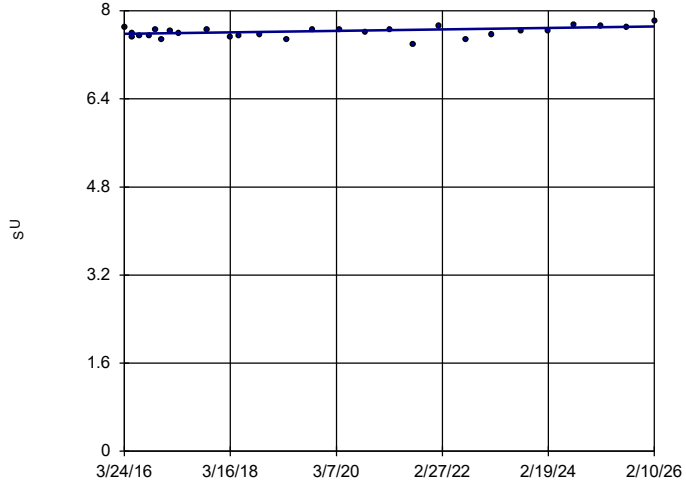
Sen's Slope Estimator

GWC-18



n = 28

Slope = 0.01361 units per year.

Mann-Kendall statistic = 100 critical = 131

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH, Field Analysis Run 4/6/2026 2:13 PM View: Appendix III Trend Tests

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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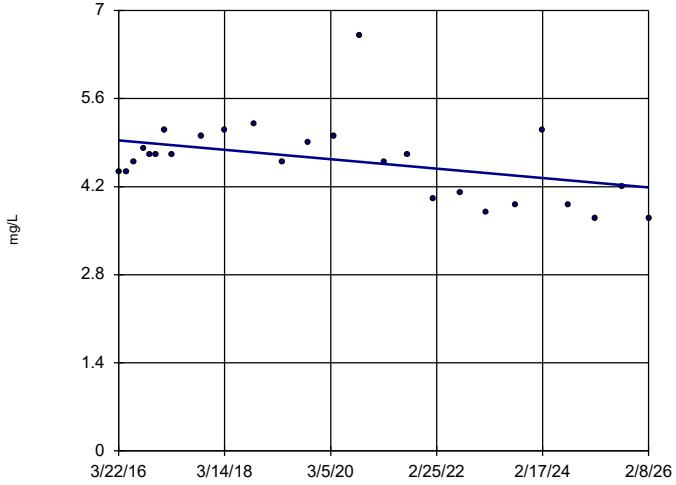
Sen's Slope Estimator

GWA-1 (bg)



n = 26

Slope = -0.07513 units per year.

Mann-Kendall statistic = -88 critical = -118

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/6/2026 2:13 PM View: Appendix III Trend Tests

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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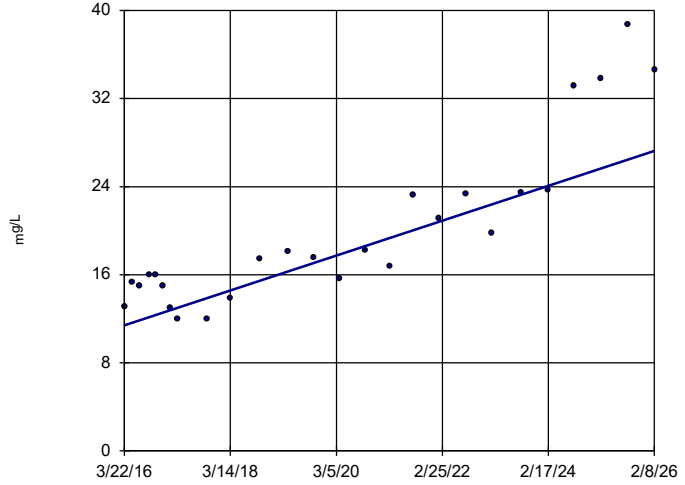
Sen's Slope Estimator

GWA-2 (bg)



n = 26

Slope = 1.601 units per year.

Mann-Kendall statistic = 234 critical = 118

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/6/2026 2:13 PM View: Appendix III Trend Tests

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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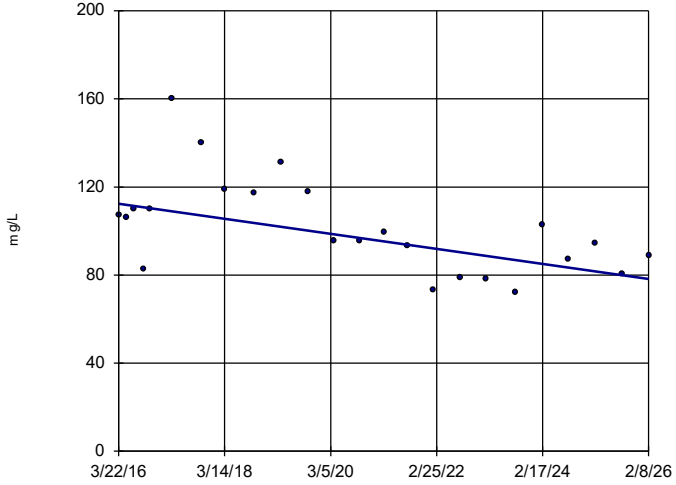
Sen's Slope Estimator

GWA-3 (bg)



n = 24

Slope = -3.443 units per year.

Mann-Kendall statistic = -119 critical = -105

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/6/2026 2:13 PM View: Appendix III Trend Tests

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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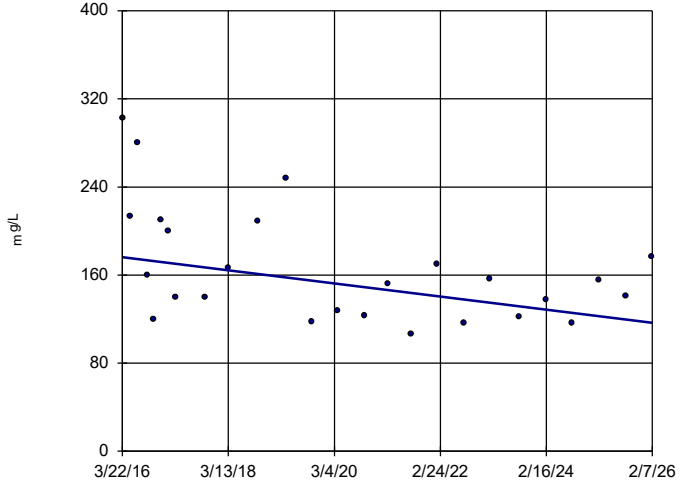
Sen's Slope Estimator

GWA-4 (bg)



n = 26

Slope = -6.033 units per year.

Mann-Kendall statistic = -105 critical = -118

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/6/2026 2:13 PM View: Appendix III Trend Tests

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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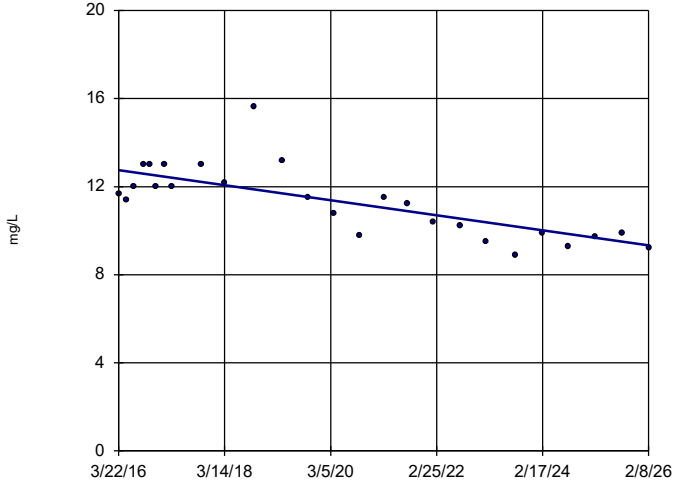
Sen's Slope Estimator

GWA-11 (bg)



n = 26

Slope = -0.345 units per year.

Mann-Kendall statistic = -180 critical = -118

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/6/2026 2:13 PM View: Appendix III Trend Tests

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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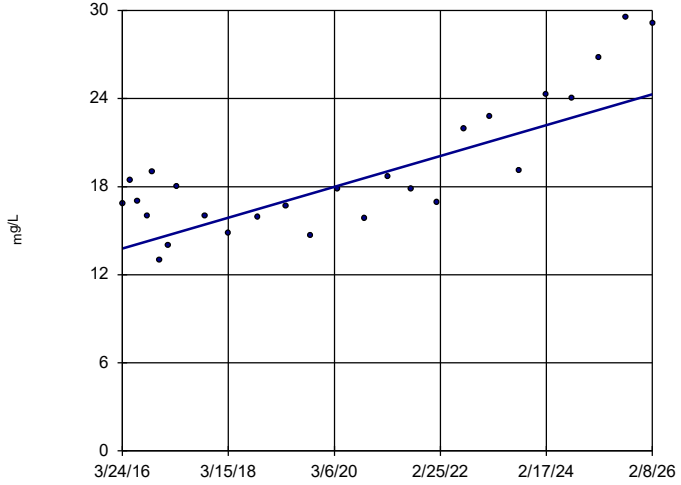
Sen's Slope Estimator

GWC-19



n = 26

Slope = 1.063 units per year.

Mann-Kendall statistic = 165 critical = 118

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/6/2026 2:13 PM View: Appendix III Trend Tests

Plant Hammond Client: Southern Company Data: Huffaker Road LF

FIGURE J.

Appendix III Intrawell Prediction Limits - Significant Resample Results

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 6/5/2026, 11:59 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Chloride (mg/L)	**GWC-21**	**6.272**	**n/a**	**5/1/2026**	**10.3**	**Yes**	**26**	**0**	**sqrt(x)**	**0.0006269**	**Param Intra 1 of 2**

Appendix III Intrawell Prediction Limits - Resample Results

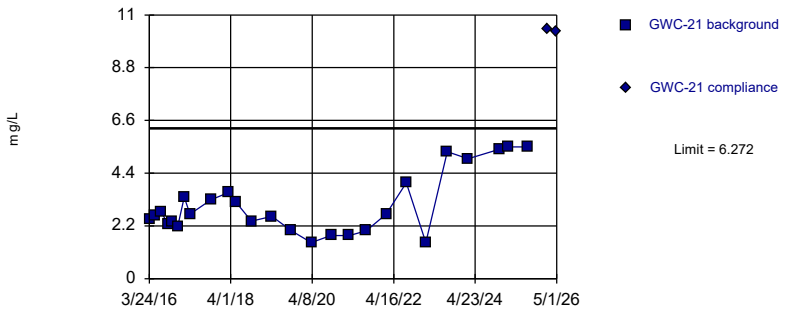
Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 6/5/2026, 11:59 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Chloride (mg/L)	**GWC-21**	**6.272**	**n/a**	**5/1/2026**	**10.3**	**Yes**	**26**	**0**	**sqrt(x)**	**0.0006269**	**Param Intra 1 of 2**
pH, Field (SU)	GWC-18	7.805	7.397	5/1/2026	7.68	No	27	0	No	0.0003135	Param Intra 1 of 2

Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=1.72, Std. Dev.=0.3504, n=26. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9067, critical = 0.891. Kappa = 2.239 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 6/5/2026 11:56 AM View: Appendix III - Resample

Plant Hammond Client: Southern Company Data: Huffaker Road LF

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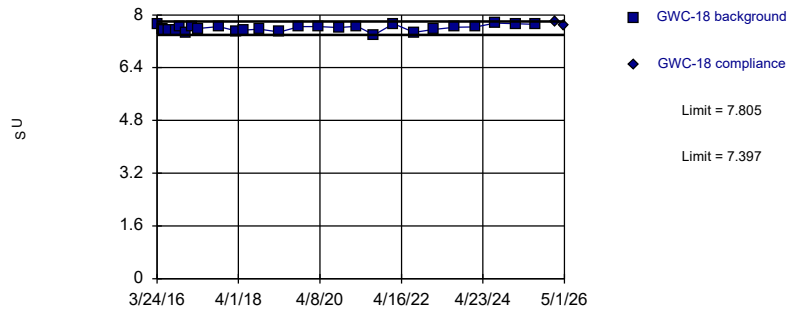
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=7.601, Std. Dev.=0.09144, n=27. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9687, critical = 0.894. Kappa = 2.228 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH, Field Analysis Run 6/5/2026 11:56 AM View: Appendix III - Resample

Plant Hammond Client: Southern Company Data: Huffaker Road LF

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/5/2026 11:59 AM View: Appendix III - Resample

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 (o)	
12/3/2024	5.4	
2/11/2025	5.5	
8/9/2025	5.5	
2/9/2026		10.4
5/1/2026		10.3 (R)

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/5/2026 11:59 AM View: Appendix III - Resample

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	
8/10/2025	7.71	
2/10/2026		7.81
5/1/2026		7.68 (R)

FIGURE K.

Appendix III Interwell Prediction Limits - Two-Step - Resample Results (All Significant)

Plant Hammond Client: Southern Company Data: Huffaker Road LF Printed 6/5/2026, 12:01 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Chloride (mg/L)	**GWC-21**	**8.5**	**n/a**	**5/1/2026**	**10.3**	**Yes**	**130**	**0**	**n/a**	**0.0001169**	**NP Inter (normality) 1 of 2**

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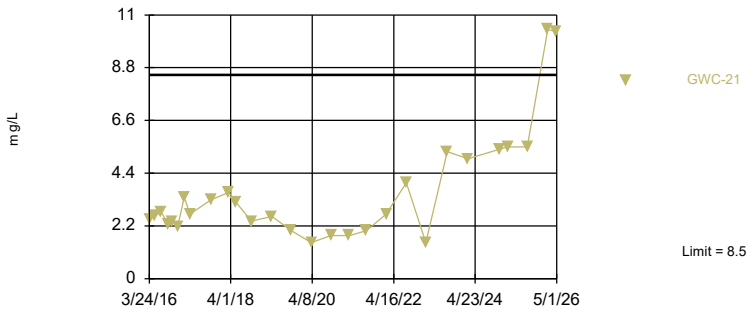
Exceeds Limit: GWC-21

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 130 background values. Annual per-constituent alpha = 0.002802. Individual comparison alpha = 0.0001169 (1 of 2). Assumes 11 future values.

Constituent: Chloride Analysis Run 6/5/2026 12:00 PM View: Appendix III - Two-Step Resample

Plant Hammond Client: Southern Company Data: Huffaker Road LF

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/5/2026 12:01 PM View: Appendix III - Two-Step Resample

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 (o)

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/5/2026 12:01 PM View: Appendix III - Two-Step Resample

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
8/9/2025	1.2	1.3	1.3	3	3.3	5.5
2/7/2026					4.3	
2/8/2026	1.2	1.4	1.1	2.7		
2/9/2026						10.4
5/1/2026						10.3 (R)